

Cover Page

Order ID : Q2209

Project ID : Power

Client : G Environmental

Lab Sample Number

Q2209-01

Client Sample Number

P01W

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: 6/13/2025

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 #: Q2209

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: MAHESH PATEL

Date: 06/13/2025



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

LAB CHRONICLE

OrderID:	Q2209	OrderDate:	6/4/2025 1:52:00 PM
Client:	G Environmental	Project:	Power
Contact:	Gary Landis	Location:	N31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2209-01	P01W	Water			06/04/25			06/04/25
			SVOCMS Group2	8270E		06/06/25	06/09/25	
			SVOC-SIMGroup1	8270-Modified		06/06/25	06/10/25	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: Q2209
Client: G Environmental

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : P01W								
Q2209-01	P01W	WATER	1-Heneicosyl formate	*	4.300	J 0	0	ug/L
Q2209-01	P01W	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	5.400	AB 0	0	ug/L
Q2209-01	P01W	WATER	Benzophenone	*	3.800	J 0	0	ug/L
Q2209-01	P01W	WATER	n-Hexadecanoic acid	*	9.300	J 0	0	ug/L
Q2209-01	P01W	WATER	Octadecanoic acid	*	2.800	J 0	0	ug/L
			Total Tics :			25.60		
			Total Concentration:			25.60		



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q2209

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB168323BL	PB168323BL	Nitrobenzene-d5	100	85.2	85		30 (67)	130 (132)
		2-Fluorobiphenyl	100	84.3	84		30 (52)	130 (132)
		Terphenyl-d14	100	90.1	90		30 (42)	130 (152)
PB168323BS	PB168323BS	Nitrobenzene-d5	100	79.4	79		30 (67)	130 (132)
		2-Fluorobiphenyl	100	77.9	78		30 (52)	130 (132)
		Terphenyl-d14	100	79.2	79		30 (42)	130 (152)
Q2209-01	P01W	Nitrobenzene-d5	100	89.1	89		30 (67)	130 (132)
		2-Fluorobiphenyl	100	83.6	84		30 (52)	130 (132)
		Terphenyl-d14	100	79.5	80		30 (42)	130 (152)
Q2230-03MS	GW-MW01-060425MS	Nitrobenzene-d5	100	90.5	91		30 (67)	130 (132)
		2-Fluorobiphenyl	100	85.6	86		30 (52)	130 (132)
		Terphenyl-d14	100	80.4	80		30 (42)	130 (152)
Q2230-04MSD	GW-MW01-060425MSD	Nitrobenzene-d5	100	88.0	88		30 (67)	130 (132)
		2-Fluorobiphenyl	100	85.9	86		30 (52)	130 (132)
		Terphenyl-d14	100	89.3	89		30 (42)	130 (152)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2209

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q2230-03MS		Client Sample ID: GW-MW01-060425MS		DataFile: BP024879.D							
Benzaldehyde	52.1	0	39.6	ug/L	76				20 (10)	160 (137)	
bis(2-Chloroethyl)ether	52.1	0	51.3	ug/L	98				70 (29)	130 (141)	
2,2-oxybis(1-Chloropropane)	52.1	0	44.9	ug/L	86				70 (36)	130 (141)	
Acetophenone	52.1	0	55.9	ug/L	107				70 (31)	130 (164)	
N-Nitroso-di-n-propylamine	52.1	0	50.4	ug/L	97				70 (36)	130 (147)	
Hexachloroethane	52.1	0	24.9	ug/L	48				20 (19)	160 (146)	
Nitrobenzene	52.1	0	54.9	ug/L	105				70 (62)	130 (112)	
Isophorone	52.1	0	51.6	ug/L	99				70 (39)	130 (146)	
bis(2-Chloroethoxy)methane	52.1	0	52.2	ug/L	100				70 (39)	130 (143)	
Naphthalene	52.1	2.20	42.7	ug/L	78				70 (17)	130 (157)	
4-Chloroaniline	52.1	0	31.4	ug/L	60	*			70 (10)	130 (95)	
Hexachlorobutadiene	52.1	0	28.9	ug/L	55	*			70 (52)	130 (125)	
Caprolactam	52.1	0	11.7	ug/L	22				20 (10)	160 (130)	
2-Methylnaphthalene	52.1	0	48.7	ug/L	93				70 (38)	130 (146)	
Hexachlorocyclopentadiene	100	0	62.8	ug/L	63				20 (20)	160 (153)	
1,1-Biphenyl	52.1	0	50.2	ug/L	96				70 (38)	130 (154)	
2-Chloronaphthalene	52.1	0	48.7	ug/L	93				70 (41)	130 (145)	
2-Nitroaniline	52.1	0	51.3	ug/L	98				70 (39)	130 (151)	
Dimethylphthalate	52.1	0	54.0	ug/L	104				70 (42)	130 (147)	
Acenaphthylene	52.1	0	50.7	ug/L	97				70 (40)	130 (141)	
2,6-Dinitrotoluene	52.1	0	56.1	ug/L	108				70 (43)	130 (148)	
3-Nitroaniline	52.1	0	33.9	ug/L	65	*			70 (10)	130 (111)	
Acenaphthene	52.1	0	52.1	ug/L	100				70 (37)	130 (146)	
Dibenzofuran	52.1	0	52.6	ug/L	101				70 (41)	130 (145)	
2,4-Dinitrotoluene	52.1	0	60.2	ug/L	116				70 (74)	130 (137)	
Diethylphthalate	52.1	0	56.7	ug/L	109				70 (41)	130 (148)	
4-Chlorophenyl-phenylether	52.1	0	53.6	ug/L	103				70 (38)	130 (149)	
Fluorene	52.1	0	53.8	ug/L	103				70 (39)	130 (144)	
4-Nitroaniline	52.1	0	47.0	ug/L	90				70 (27)	130 (138)	
N-Nitrosodiphenylamine	52.1	0	52.4	ug/L	101				70 (40)	130 (150)	
4-Bromophenyl-phenylether	52.1	0	53.0	ug/L	102				70 (42)	130 (151)	
Hexachlorobenzene	52.1	0	53.4	ug/L	102				70 (72)	130 (115)	
Atrazine	52.1	0	57.8	ug/L	111				70 (20)	130 (162)	
Phenanthrene	52.1	0	53.7	ug/L	103				70 (40)	130 (147)	
Anthracene	52.1	0	53.8	ug/L	103				70 (41)	130 (146)	
Carbazole	52.1	0	57.9	ug/L	111				70 (37)	130 (154)	
Di-n-butylphthalate	52.1	0	58.4	ug/L	112				70 (40)	130 (151)	
Fluoranthene	52.1	0	57.7	ug/L	111				70 (42)	130 (146)	
Pyrene	52.1	0	51.4	ug/L	99				70 (41)	130 (149)	
Butylbenzylphthalate	52.1	0	56.8	ug/L	109				70 (39)	130 (155)	
3,3-Dichlorobenzidine	52.1	0	19.1	ug/L	37	*			70 (10)	130 (114)	
Benzo(a)anthracene	52.1	0	54.6	ug/L	105				70 (41)	130 (147)	
Chrysene	52.1	0	53.4	ug/L	102				70 (44)	130 (144)	
bis(2-Ethylhexyl)phthalate	52.1	0	57.3	ug/L	110				70 (33)	130 (160)	
Di-n-octyl phthalate	52.1	0	58.4	ug/L	112				70 (36)	130 (158)	
Benzo(b)fluoranthene	52.1	0	56.2	ug/L	108				70 (40)	130 (150)	

() = LABORATORY INHOUSE LIMIT

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2209

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Benzo(k)fluoranthene	52.1	0	53.1	ug/L	102				70 (40)	130 (147)	
Benzo(a)pyrene	52.1	0	54.1	ug/L	104				70 (42)	130 (147)	
Indeno(1,2,3-cd)pyrene	52.1	0	56.3	ug/L	108				70 (30)	130 (166)	
Dibenz(a,h)anthracene	52.1	0	57.5	ug/L	110				70 (23)	130 (172)	
Benzo(g,h,i)perylene	52.1	0	56.4	ug/L	108				70 (27)	130 (167)	
1,2,4,5-Tetrachlorobenzene	52.1	0	46.6	ug/L	89				70 (89)	130 (102)	
1,4-Dioxane	52.1	0	18.1	ug/L	35				20 (38)	160 (130)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2209

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2230-04MSD	Client Sample ID:	GW-MW01-060425MSD					DataFile:	BP024880.D		
Benzaldehyde	53.2	0	38.8	ug/L	73		4		20 (10)	160 (137)	20 (20)
bis(2-Chloroethyl)ether	53.2	0	50.2	ug/L	94		4		70 (29)	130 (141)	20 (20)
2,2-oxybis(1-Chloropropane)	53.2	0	44.5	ug/L	84		2		70 (36)	130 (141)	20 (20)
Acetophenone	53.2	0	55.5	ug/L	104		3		70 (31)	130 (164)	20 (20)
N-Nitroso-di-n-propylamine	53.2	0	48.1	ug/L	90		7		70 (36)	130 (147)	20 (20)
Hexachloroethane	53.2	0	24.9	ug/L	47		2		20 (19)	160 (146)	20 (20)
Nitrobenzene	53.2	0	54.8	ug/L	103		2		70 (62)	130 (112)	20 (20)
Isophorone	53.2	0	51.1	ug/L	96		3		70 (39)	130 (146)	20 (20)
bis(2-Chloroethoxy)methane	53.2	0	52.7	ug/L	99		1		70 (39)	130 (143)	20 (20)
Naphthalene	53.2	2.20	42.1	ug/L	75		4		70 (17)	130 (157)	20 (20)
4-Chloroaniline	53.2	0	28.9	ug/L	54	*	11		70 (10)	130 (95)	20 (20)
Hexachlorobutadiene	53.2	0	30.1	ug/L	57	*	4		70 (52)	130 (125)	20 (20)
Caprolactam	53.2	0	10.8	ug/L	20		10		20 (10)	160 (130)	20 (20)
2-Methylnaphthalene	53.2	0	48.6	ug/L	91		2		70 (38)	130 (146)	20 (20)
Hexachlorocyclopentadiene	110	0	70.7	ug/L	64		2		20 (20)	160 (153)	20 (20)
1,1-Biphenyl	53.2	0	52.0	ug/L	98		2		70 (38)	130 (154)	20 (20)
2-Chloronaphthalene	53.2	0	50.5	ug/L	95		2		70 (41)	130 (145)	20 (20)
2-Nitroaniline	53.2	0	49.4	ug/L	93		5		70 (39)	130 (151)	20 (20)
Dimethylphthalate	53.2	0	53.9	ug/L	101		3		70 (42)	130 (147)	20 (20)
Acenaphthylene	53.2	0	51.1	ug/L	96		1		70 (40)	130 (141)	20 (20)
2,6-Dinitrotoluene	53.2	0	55.7	ug/L	105		3		70 (43)	130 (148)	20 (20)
3-Nitroaniline	53.2	0	32.5	ug/L	61	*	6		70 (10)	130 (111)	20 (20)
Acenaphthene	53.2	0	52.7	ug/L	99		1		70 (37)	130 (146)	20 (20)
Dibenzofuran	53.2	0	52.6	ug/L	99		2		70 (41)	130 (145)	20 (20)
2,4-Dinitrotoluene	53.2	0	57.4	ug/L	108		7		70 (74)	130 (137)	20 (20)
Diethylphthalate	53.2	0	56.7	ug/L	107		2		70 (41)	130 (148)	20 (20)
4-Chlorophenyl-phenylether	53.2	0	54.1	ug/L	102		1		70 (38)	130 (149)	20 (20)
Fluorene	53.2	0	53.9	ug/L	101		2		70 (39)	130 (144)	20 (20)
4-Nitroaniline	53.2	0	44.3	ug/L	83		8		70 (27)	130 (138)	20 (20)
N-Nitrosodiphenylamine	53.2	0	53.2	ug/L	100		1		70 (40)	130 (150)	20 (20)
4-Bromophenyl-phenylether	53.2	0	56.8	ug/L	107		5		70 (42)	130 (151)	20 (20)
Hexachlorobenzene	53.2	0	55.5	ug/L	104		2		70 (72)	130 (115)	20 (20)
Atrazine	53.2	0	57.4	ug/L	108		3		70 (20)	130 (162)	20 (20)
Phenanthrene	53.2	0	53.6	ug/L	101		2		70 (40)	130 (147)	20 (20)
Anthracene	53.2	0	53.0	ug/L	100		3		70 (41)	130 (146)	20 (20)
Carbazole	53.2	0	54.8	ug/L	103		7		70 (37)	130 (154)	20 (20)
Di-n-butylphthalate	53.2	0	59.9	ug/L	113		1		70 (40)	130 (151)	20 (20)
Fluoranthene	53.2	0	54.9	ug/L	103		7		70 (42)	130 (146)	20 (20)
Pyrene	53.2	0	56.8	ug/L	107		8		70 (41)	130 (149)	20 (20)
Butylbenzylphthalate	53.2	0	63.2	ug/L	119		9		70 (39)	130 (155)	20 (20)
3,3-Dichlorobenzidine	53.2	0	18.2	ug/L	34	*	8		70 (10)	130 (114)	20 (20)
Benzo(a)anthracene	53.2	0	55.1	ug/L	104		1		70 (41)	130 (147)	20 (20)
Chrysene	53.2	0	54.7	ug/L	103		1		70 (44)	130 (144)	20 (20)
bis(2-Ethylhexyl)phthalate	53.2	0	66.5	ug/L	125		13		70 (33)	130 (160)	20 (20)
Di-n-octyl phthalate	53.2	0	64.9	ug/L	122		9		70 (36)	130 (158)	20 (20)
Benzo(b)fluoranthene	53.2	0	56.0	ug/L	105		3		70 (40)	130 (150)	20 (20)

() = LABORATORY INHOUSE LIMIT

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2209

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Benzo(k)fluoranthene	53.2	0	55.1	ug/L	104		2		70 (40)	130 (147)	20 (20)
Benzo(a)pyrene	53.2	0	54.8	ug/L	103		1		70 (42)	130 (147)	20 (20)
Indeno(1,2,3-cd)pyrene	53.2	0	55.3	ug/L	104		4		70 (30)	130 (166)	20 (20)
Dibenz(a,h)anthracene	53.2	0	55.8	ug/L	105		5		70 (23)	130 (172)	20 (20)
Benzo(g,h,i)perylene	53.2	0	54.4	ug/L	102		6		70 (27)	130 (167)	20 (20)
1,2,4,5-Tetrachlorobenzene	53.2	0	48.8	ug/L	92		3		70 (89)	130 (102)	20 (20)
1,4-Dioxane	53.2	0	19.4	ug/L	36		3		20 (38)	160 (130)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2209

Client: G Environmental

Analytical Method: 8270E

DataFile: BP024873.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB168323BS	Benzaldehyde	50	36.0	ug/L	72				20 (10)	160 (162)	
	bis(2-Chloroethyl)ether	50	44.9	ug/L	90				70 (62)	130 (103)	
	2,2-oxybis(1-Chloropropane)	50	43.1	ug/L	86				70 (65)	130 (100)	
	Acetophenone	50	45.2	ug/L	90				70 (60)	130 (104)	
	N-Nitroso-di-n-propylamine	50	41.9	ug/L	84				70 (57)	130 (107)	
	Hexachloroethane	50	43.8	ug/L	88				20 (76)	160 (118)	
	Nitrobenzene	50	46.3	ug/L	93				70 (58)	130 (106)	
	Isophorone	50	43.2	ug/L	86				70 (61)	130 (102)	
	bis(2-Chloroethoxy)methane	50	45.2	ug/L	90				70 (58)	130 (109)	
	Naphthalene	50	45.3	ug/L	91				70 (64)	130 (107)	
	4-Chloroaniline	50	20.3	ug/L	41		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	44.9	ug/L	90				70 (69)	130 (101)	
	Caprolactam	50	45.7	ug/L	91				20 (58)	160 (128)	
	2-Methylnaphthalene	50	45.0	ug/L	90				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	100	ug/L	100				20 (36)	160 (160)	
	1,1-Biphenyl	50	45.8	ug/L	92				70 (72)	130 (98)	
	2-Chloronaphthalene	50	46.2	ug/L	92				70 (59)	130 (106)	
	2-Nitroaniline	50	48.3	ug/L	97				70 (73)	130 (114)	
	Dimethylphthalate	50	44.8	ug/L	90				70 (64)	130 (103)	
	Acenaphthylene	50	45.5	ug/L	91				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	46.2	ug/L	92				70 (64)	130 (110)	
	3-Nitroaniline	50	25.9	ug/L	52		*		70 (28)	130 (100)	
	Acenaphthene	50	45.2	ug/L	90				70 (59)	130 (113)	
	Dibenzofuran	50	44.3	ug/L	89				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	47.0	ug/L	94				70 (60)	130 (115)	
	Diethylphthalate	50	44.3	ug/L	89				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	44.1	ug/L	88				70 (61)	130 (104)	
	Fluorene	50	44.7	ug/L	89				70 (64)	130 (107)	
	4-Nitroaniline	50	45.1	ug/L	90				70 (55)	130 (125)	
	N-Nitrosodiphenylamine	50	46.8	ug/L	94				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	45.8	ug/L	92				70 (73)	130 (103)	
	Hexachlorobenzene	50	45.6	ug/L	91				70 (73)	130 (106)	
	Atrazine	50	46.7	ug/L	93				70 (76)	130 (120)	
	Phenanthrene	50	45.8	ug/L	92				70 (62)	130 (109)	
	Anthracene	50	46.0	ug/L	92				70 (65)	130 (110)	
	Carbazole	50	47.4	ug/L	95				70 (62)	130 (106)	
	Di-n-butylphthalate	50	46.1	ug/L	92				70 (64)	130 (106)	
	Fluoranthene	50	45.9	ug/L	92				70 (64)	130 (110)	
	Pyrene	50	46.2	ug/L	92				70 (71)	130 (103)	
	Butylbenzylphthalate	50	46.4	ug/L	93				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	26.4	ug/L	53		*		70 (43)	130 (108)	
	Benzo(a)anthracene	50	46.6	ug/L	93				70 (62)	130 (107)	
	Chrysene	50	46.4	ug/L	93				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	47.5	ug/L	95				70 (59)	130 (110)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2209

Client: G Environmental

Analytical Method: 8270E

DataFile: BP024873.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168323BS	Di-n-octyl phthalate	50	48.1	ug/L	96				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	47.3	ug/L	95				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	47.5	ug/L	95				70 (77)	130 (105)	
	Benzo(a)pyrene	50	47.7	ug/L	95				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	47.4	ug/L	95				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	47.6	ug/L	95				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	47.6	ug/L	95				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	46.1	ug/L	92				70 (72)	130 (101)	
	1,4-Dioxane	50	36.2	ug/L	72				20 (38)	160 (125)	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168323BL

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM Case No.: Q2209

SAS No.: Q2209 SDG NO.: Q2209

Lab File ID: BP024872.D

Lab Sample ID: PB168323BL

Instrument ID: BNA_P

Date Extracted: 06/06/2025

Matrix: (soil/water) Water

Date Analyzed: 06/09/2025

Level: (low/med) LOW

Time Analyzed: 11:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168323BS	PB168323BS	BP024873.D	06/09/2025
P01W	Q2209-01	BP024875.D	06/09/2025
GW-MW01-060425MS	Q2230-03MS	BP024879.D	06/09/2025
GW-MW01-060425MSD	Q2230-04MSD	BP024880.D	06/09/2025

COMMENTS: _____



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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: GENV01Lab Code: CHEMSAS No.: Q2209SDG NO.: Q2209Lab File ID: BP024859.DDFTPP Injection Date: 06/06/2025Instrument ID: BNA_PDFTPP Injection Time: 09:49

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.2
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	36.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.9
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	6.6
275	10.0 - 60.0% of mass 198	31.2
365	Greater than 1% of mass 198	4.6
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	84
443	15.0 - 24.0% of mass 442	16.1 (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	BP024860.D	06/06/2025	10:30
SSTDICC005	SSTDICC005	BP024861.D	06/06/2025	11:11
SSTDICC010	SSTDICC010	BP024862.D	06/06/2025	11:52
SSTDICC020	SSTDICC020	BP024863.D	06/06/2025	12:33
SSTDICCC040	SSTDICCC040	BP024864.D	06/06/2025	13:14
SSTDICC050	SSTDICC050	BP024865.D	06/06/2025	13:56
SSTDICC060	SSTDICC060	BP024866.D	06/06/2025	14:37
SSTDICC080	SSTDICC080	BP024867.D	06/06/2025	15:18



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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: GENV01Lab Code: CHEMSAS No.: Q2209SDG NO.: Q2209Lab File ID: BP024870.DDFTPP Injection Date: 06/09/2025Instrument ID: BNA_PDFTPP Injection Time: 10:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.2
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	37.7
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	30.7
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	75.5
443	15.0 - 24.0% of mass 442	14.5 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP024871.D	06/09/2025	10:44
PB168323BL	PB168323BL	BP024872.D	06/09/2025	11:24
PB168323BS	PB168323BS	BP024873.D	06/09/2025	12:05
P01W	Q2209-01	BP024875.D	06/09/2025	13:31
GW-MW01-060425MS	Q2230-03MS	BP024879.D	06/09/2025	16:14
GW-MW01-060425MSD	Q2230-04MSD	BP024880.D	06/09/2025	16:55

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG NO.: Q2209

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/09/2025

Lab File ID: BP024871.D Time Analyzed: 10:44

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	255229	7.608	1115940	10.38	722087	14.24
UPPER LIMIT	510458	8.108	2231880	10.878	1444170	14.742
LOWER LIMIT	127615	7.108	557970	9.878	361044	13.742
EPA SAMPLE NO.						
01 PB168323BL	278652	7.61	1083870	10.38	655689	14.25
02 PB168323BS	251786	7.61	1016040	10.38	628283	14.25
03 P01W	305772	7.61	1202320	10.38	730596	14.25
04 GW-MW01-060425MS	226271	7.61	937705	10.37	608220	14.25
05 GW-MW01-060425MSD	335961	7.61	1346860	10.38	841053	14.25

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG NO.: Q2209

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/09/2025

Lab File ID: BP024871.D Time Analyzed: 10:44

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1406330	17.048	1456980	21.477	1778910	24.724
UPPER LIMIT	2812660	17.548	2913960	21.977	3557820	25.224
LOWER LIMIT	703165	16.548	728490	20.977	889455	24.224
EPA SAMPLE NO.						
01 PB168323BL	1268480	17.07	1277130	21.49	1472670	24.73
02 PB168323BS	1189380	17.06	1268870	21.48	1547950	24.72
03 P01W	1469780	17.05	1832300	21.47	2370310	24.71
04 GW-MW01-060425MS	1235200	17.04	1490400	21.47	1839740	24.71
05 GW-MW01-060425MSD	1657670	17.04	1681540	21.48	1927040	24.73

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:	06/04/25
Project:	Power	Date Received:	06/04/25
Client Sample ID:	P01W	SDG No.:	Q2209
Lab Sample ID:	Q2209-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		Level :	LOW
		GPC Factor :	1.0
		GPC Cleanup :	N
		PH :	
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024875.D	1	06/06/25 08:35	06/09/25 13:31	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.82	U	0.82	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.10	ug/L
98-86-2	Acetophenone	0.75	U	0.75	5.10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.66	U	0.66	5.10	ug/L
98-95-3	Nitrobenzene	0.77	U	0.77	5.10	ug/L
78-59-1	Isophorone	0.76	U	0.76	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.69	U	0.69	5.10	ug/L
91-20-3	Naphthalene	0.51	U	0.51	5.10	ug/L
106-47-8	4-Chloroaniline	0.85	UQ	0.85	5.10	ug/L
87-68-3	Hexachlorobutadiene	0.55	U	0.55	5.10	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.1	ug/L
91-57-6	2-Methylnaphthalene	0.57	U	0.57	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	3.70	U	3.70	10.1	ug/L
92-52-4	1,1-Biphenyl	0.54	U	0.54	5.10	ug/L
91-58-7	2-Chloronaphthalene	0.62	U	0.62	5.10	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.10	ug/L
131-11-3	Dimethylphthalate	0.62	U	0.62	5.10	ug/L
208-96-8	Acenaphthylene	0.76	U	0.76	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	0.93	U	0.93	5.10	ug/L
99-09-2	3-Nitroaniline	1.10	UQ	1.10	5.10	ug/L
83-32-9	Acenaphthene	0.56	U	0.56	5.10	ug/L
132-64-9	Dibenzofuran	0.62	U	0.62	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.10	ug/L
84-66-2	Diethylphthalate	0.70	U	0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	0.69	5.10	ug/L
86-73-7	Fluorene	0.64	U	0.64	5.10	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.10	ug/L

Report of Analysis

Client:	G Environmental		Date Collected:	06/04/25	
Project:	Power		Date Received:	06/04/25	
Client Sample ID:	P01W		SDG No.:	Q2209	
Lab Sample ID:	Q2209-01		Matrix:	Water	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	990	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024875.D	1	06/06/25 08:35	06/09/25 13:31	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.59	U	0.59	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.10	ug/L
118-74-1	Hexachlorobenzene	0.53	U	0.53	5.10	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.10	ug/L
85-01-8	Phenanthrene	0.51	U	0.51	5.10	ug/L
120-12-7	Anthracene	0.62	U	0.62	5.10	ug/L
86-74-8	Carbazole	0.73	U	0.73	5.10	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.10	ug/L
206-44-0	Fluoranthene	0.83	U	0.83	5.10	ug/L
129-00-0	Pyrene	0.51	U	0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	0.94	UQ	0.94	10.1	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.10	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	2.40	U	2.40	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.10	ug/L
50-32-8	Benzo(a)pyrene	0.56	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.68	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.70	U	0.70	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.53	U	0.53	5.10	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.10	ug/L

SURROGATES

4165-60-0	Nitrobenzene-d5	89.1		30 (67) - 130 (132)	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.6		30 (52) - 130 (132)	84%	SPK: 100
1718-51-0	Terphenyl-d14	79.5		30 (42) - 130 (152)	80%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	306000	7.608

Report of Analysis

Client:	G Environmental	Date Collected:	06/04/25
Project:	Power	Date Received:	06/04/25
Client Sample ID:	P01W	SDG No.:	Q2209
Lab Sample ID:	Q2209-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group2
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	1.0
		GPC Cleanup :	N
Prep Method :	SW3510C	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024875.D	1	06/06/25 08:35	06/09/25 13:31	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	1200000	10.378			
15067-26-2	Acenaphthene-d10	731000	14.248			
1517-22-2	Phenanthrene-d10	1470000	17.048			
1719-03-5	Chrysene-d12	1830000	21.466			
1520-96-3	Perylene-d12	2370000	24.712			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.40	AB		4.77	ug/L
000119-61-9	Benzophenone	3.80	J		15.6	ug/L
000057-10-3	n-Hexadecanoic acid	9.30	J		18.0	ug/L
000057-11-4	Octadecanoic acid	2.80	J		19.3	ug/L
077899-03-7	1-Heneicosyl formate	4.30	J		21.1	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024875.D
 Acq On : 09 Jun 2025 13:31
 Operator : RC/JU
 Sample : Q2209-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P01W

Quant Time: Jun 09 13:51:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	305772	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1202322	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	730596	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1469775	20.000	ng	-0.01
76) Chrysene-d12	21.466	240	1832304	20.000	ng	-0.02
86) Perylene-d12	24.712	264	2370307	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1664555	90.868	ng	0.00
7) Phenol-d6	6.813	99	1441905	59.491	ng	0.00
23) Nitrobenzene-d5	8.760	82	2205524	89.138	ng	0.00
42) 2,4,6-Tribromophenol	15.766	330	1613344	159.723	ng	-0.02
45) 2-Fluorobiphenyl	12.854	172	4535208	83.623	ng	0.00
79) Terphenyl-d14	19.772	244	8128028	79.503	ng	-0.02

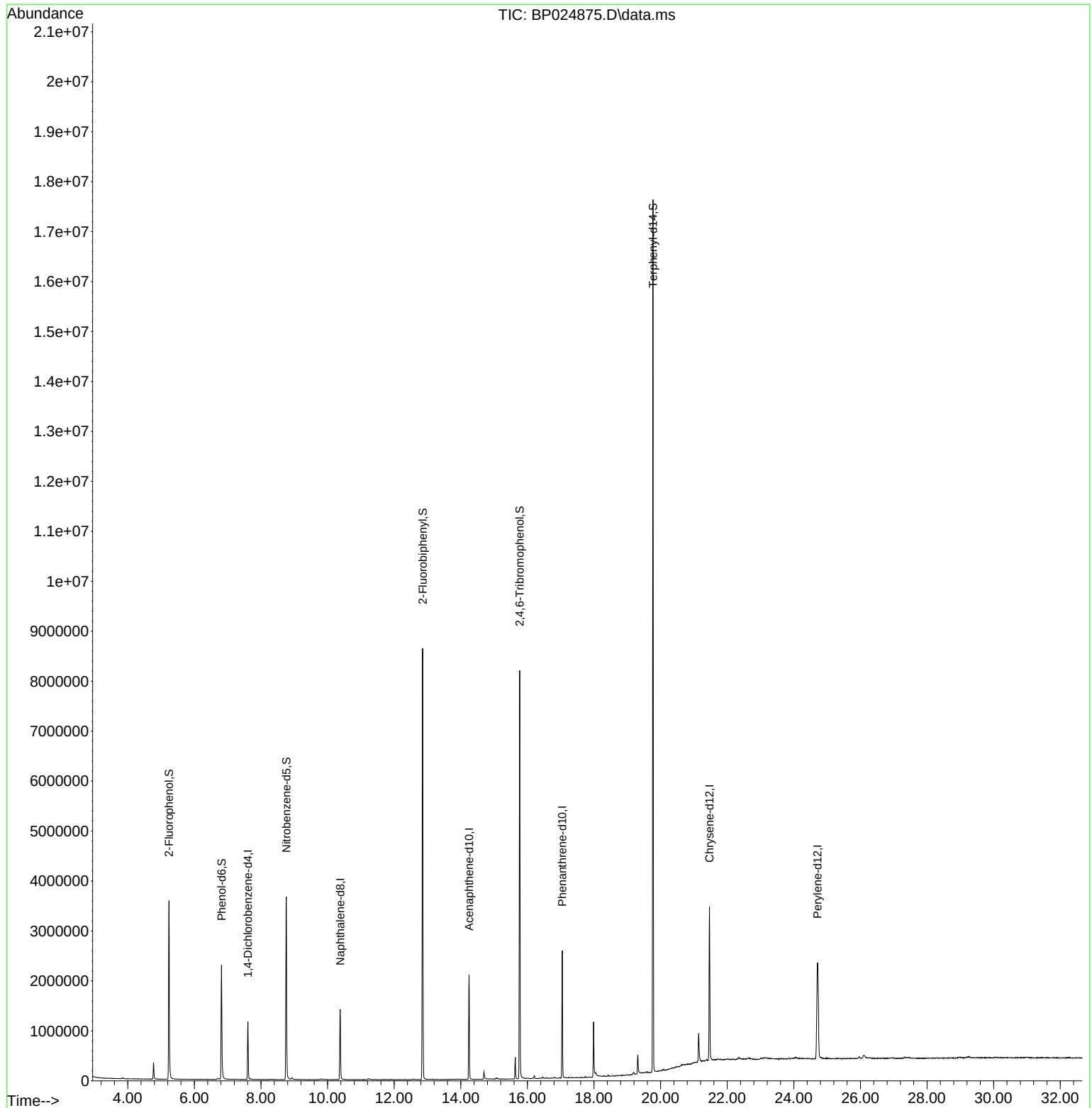
Target Compounds	Qvalue

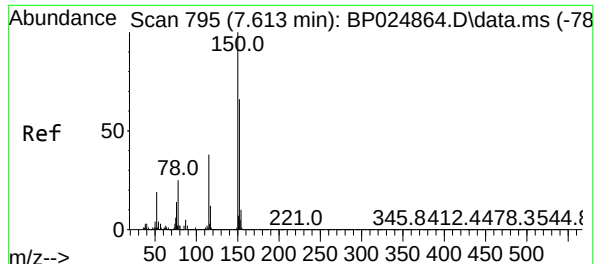
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024875.D
Acq On : 09 Jun 2025 13:31
Operator : RC/JU
Sample : Q2209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P01W

Quant Time: Jun 09 13:51:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

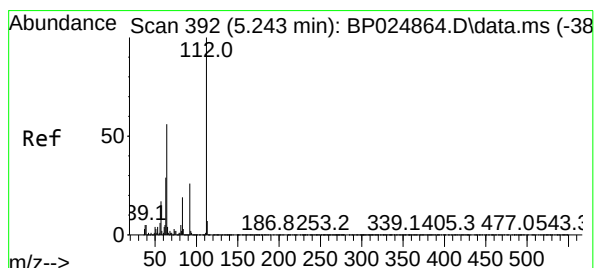
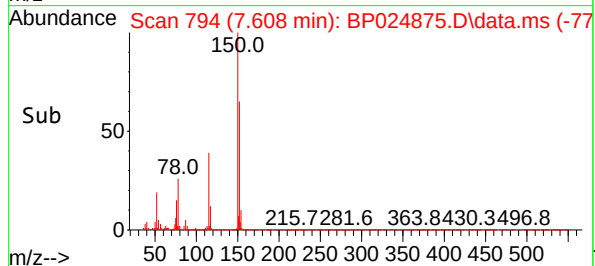
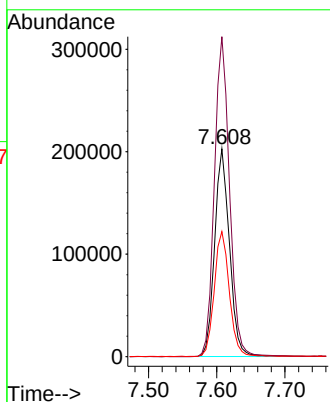
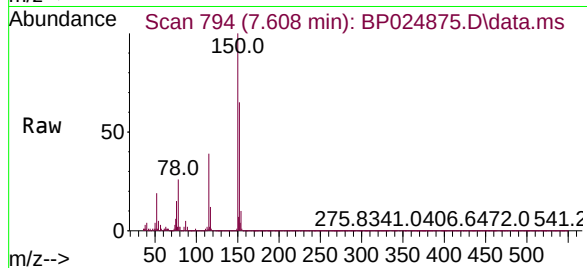




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

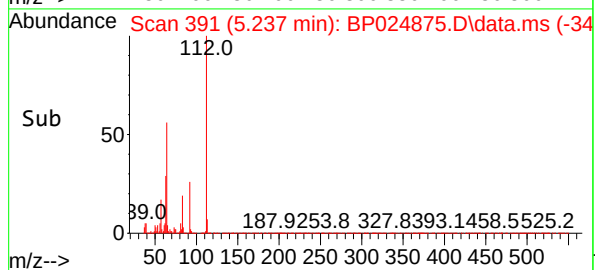
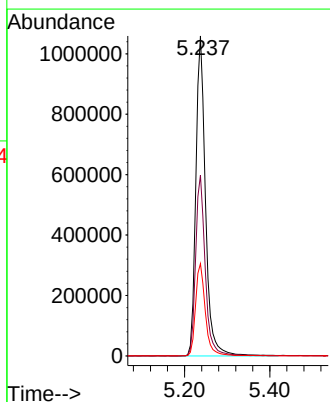
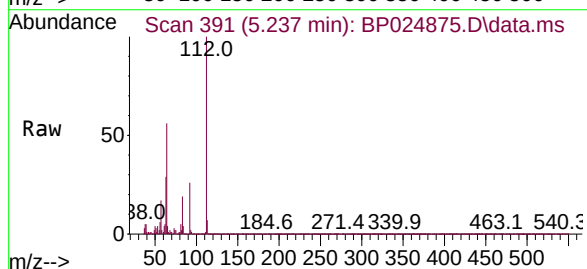
Instrument :
BNA_P
ClientSampleId :
P01W

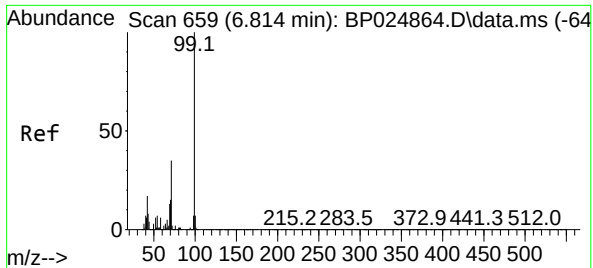
Tgt Ion:152 Resp: 305772
Ion Ratio Lower Upper
152 100
150 154.0 122.1 183.1
115 60.1 46.4 69.6



#5
2-Fluorophenol
Concen: 90.868 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Tgt Ion:112 Resp: 1664555
Ion Ratio Lower Upper
112 100
64 56.5 44.7 67.1
63 28.8 23.5 35.3



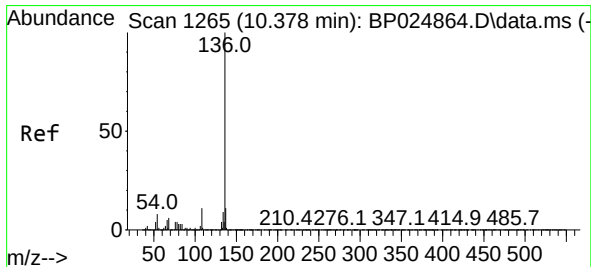
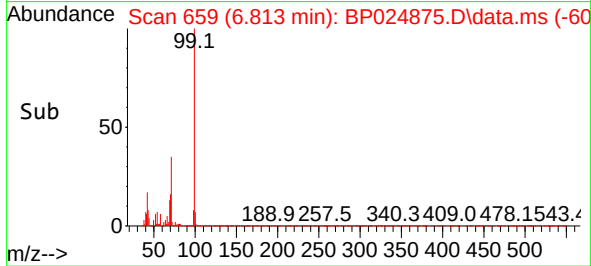
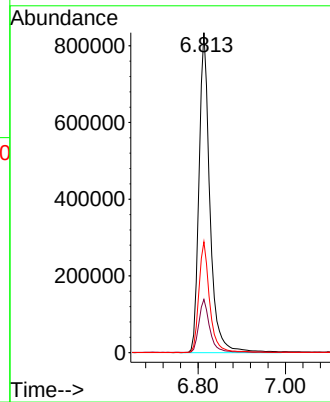
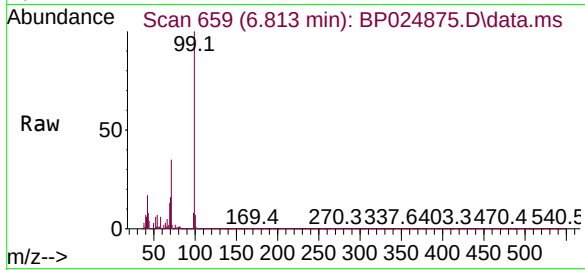


#7
Phenol-d6
Concen: 59.491 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Instrument :
BNA_P
ClientSampleId :
P01W

Tgt Ion: 99 Resp: 1441905

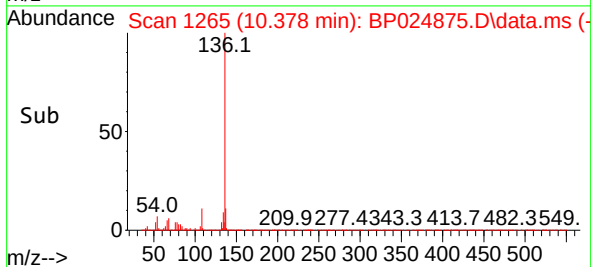
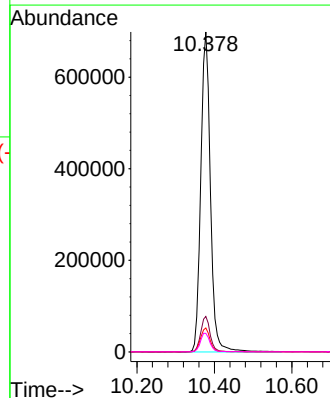
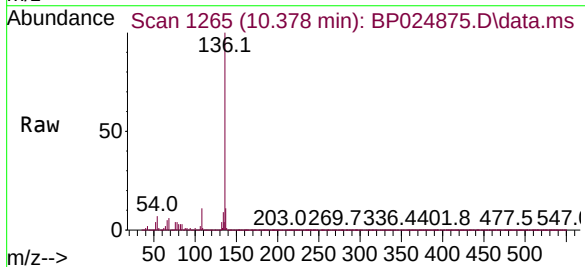
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.4	20.2
71	34.6	27.6	41.4

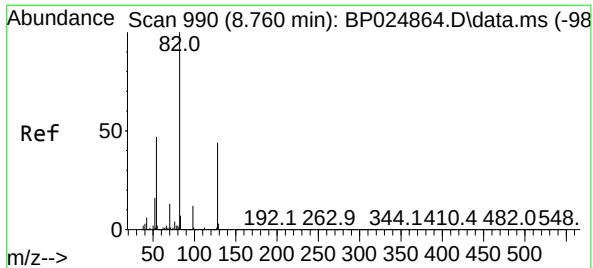


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Tgt Ion: 136 Resp: 1202322

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.5	6.1	9.1
68	5.8	4.6	7.0

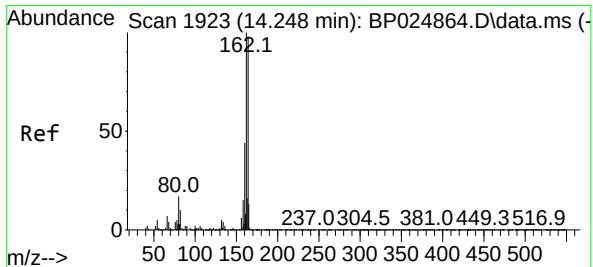
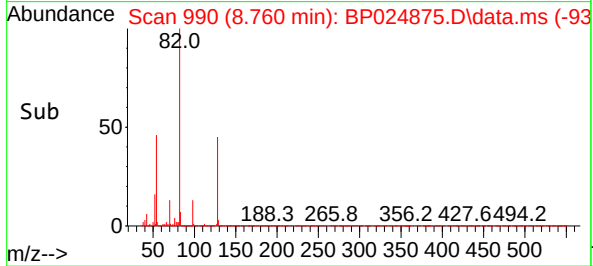
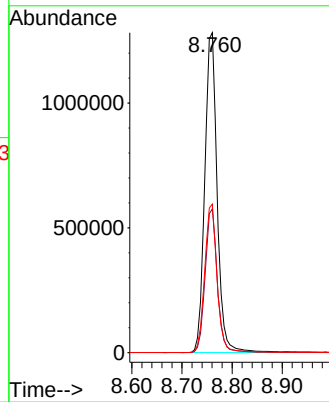
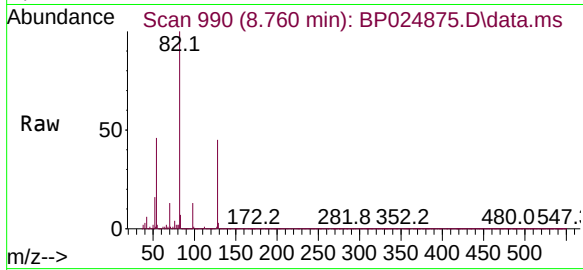




#23
Nitrobenzene-d5
Concen: 89.138 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

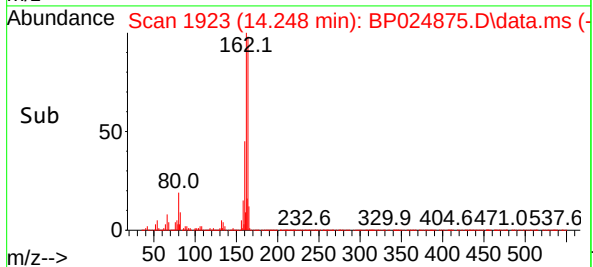
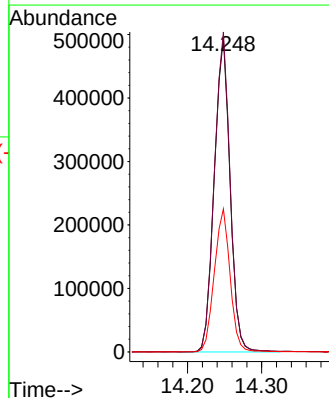
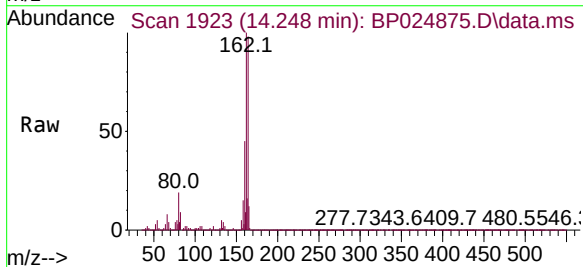
Instrument :
BNA_P
ClientSampleId :
P01W

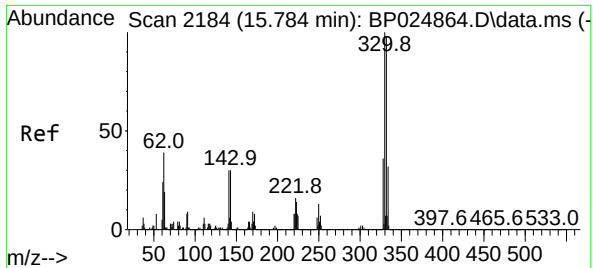
Tgt Ion: 82 Resp: 2205524
Ion Ratio Lower Upper
82 100
128 44.9 35.3 52.9
54 46.4 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Tgt Ion: 164 Resp: 730596
Ion Ratio Lower Upper
164 100
162 102.0 81.6 122.4
160 45.5 36.2 54.2

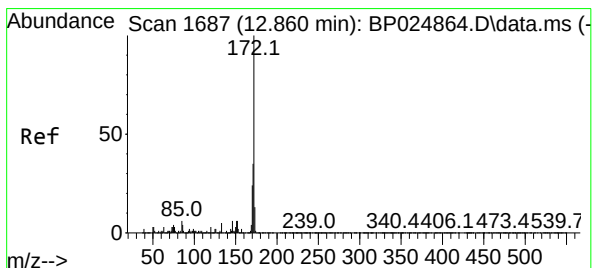
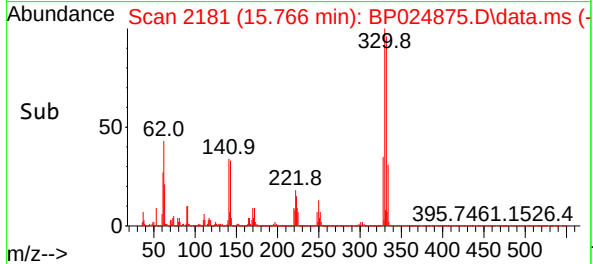
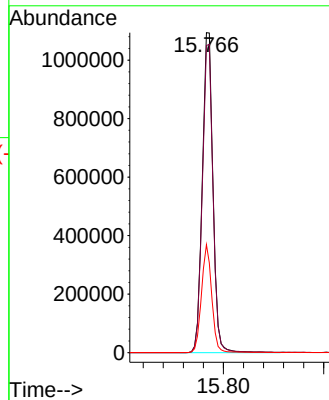
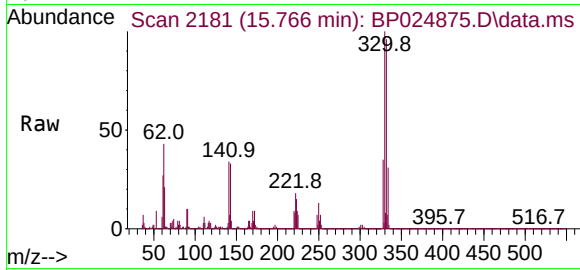




#42
2,4,6-Tribromophenol
Concen: 159.723 ng
RT: 15.766 min Scan# 2184
Delta R.T. -0.018 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

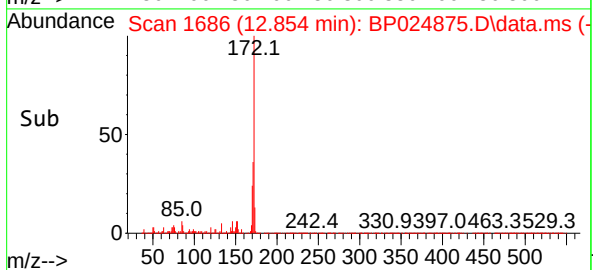
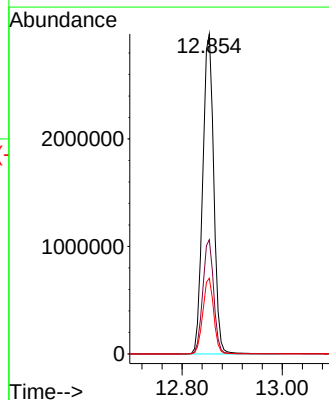
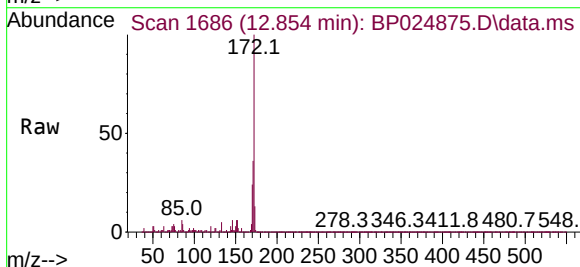
Instrument :
BNA_P
ClientSampleId :
P01W

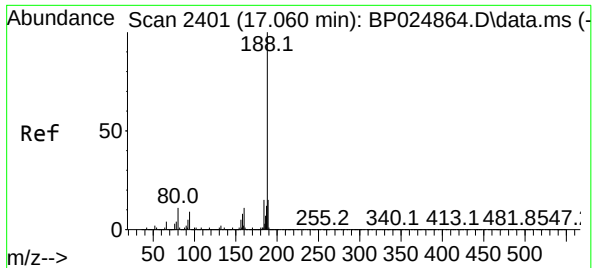
Tgt Ion:330 Resp: 1613344
Ion Ratio Lower Upper
330 100
332 96.3 77.7 116.5
141 32.5 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 83.623 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Tgt Ion:172 Resp: 4535208
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.6 19.0 28.4

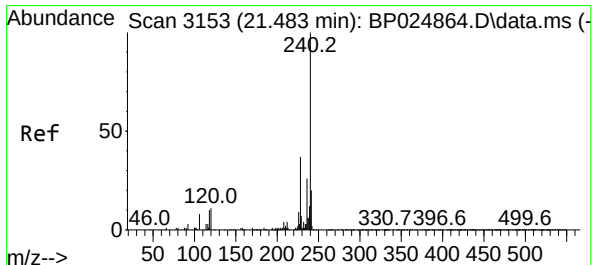
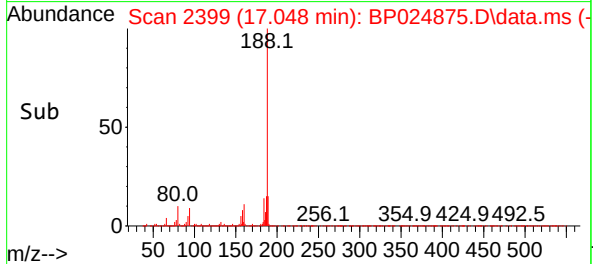
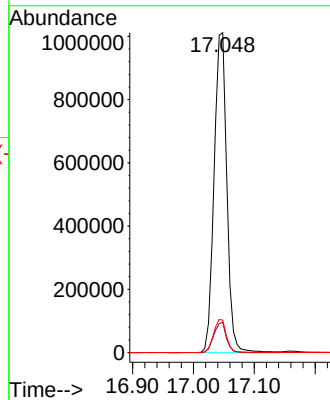
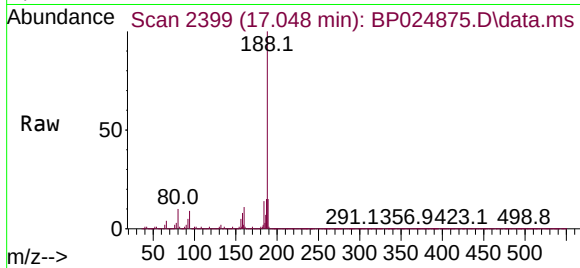




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.048 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

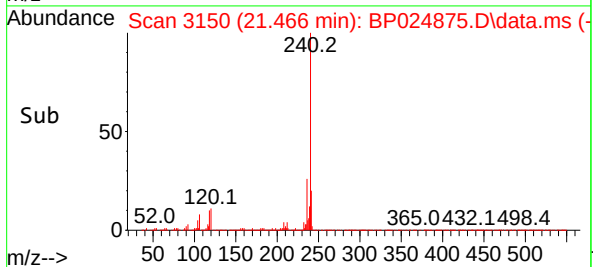
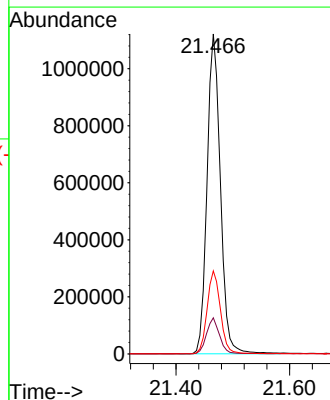
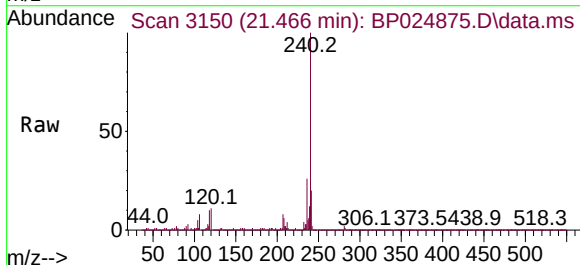
Instrument :
BNA_P
ClientSampleId :
P01W

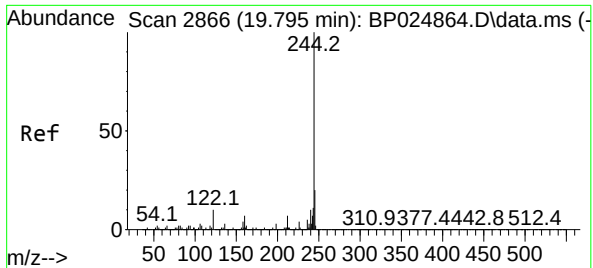
Tgt Ion:188 Resp: 1469775
Ion Ratio Lower Upper
188 100
94 9.5 7.3 10.9
80 10.1 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.466 min Scan# 3150
Delta R.T. -0.018 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Tgt Ion:240 Resp: 1832304
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.9 20.9 31.3

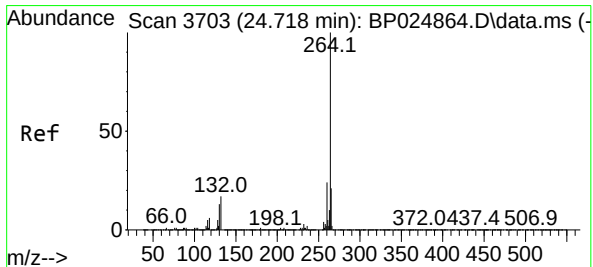
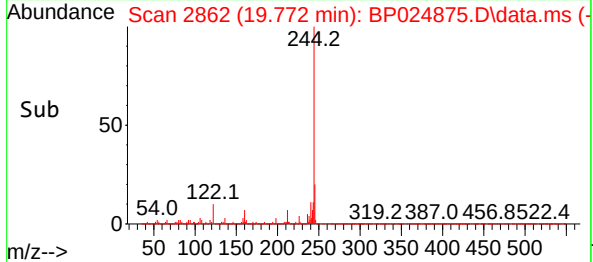
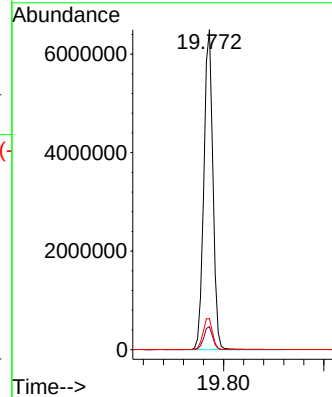
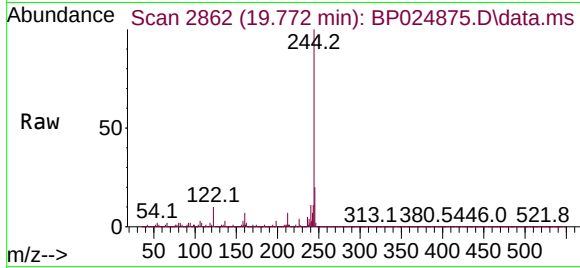




#79
Terphenyl-d14
Concen: 79.503 ng
RT: 19.772 min Scan# 2866
Delta R.T. -0.024 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

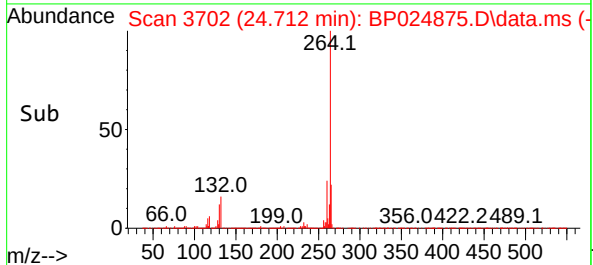
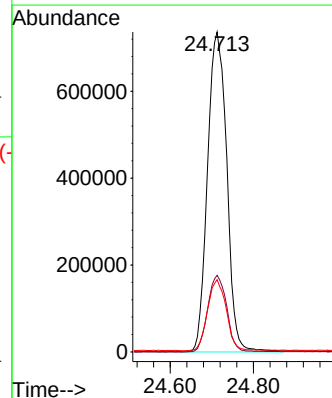
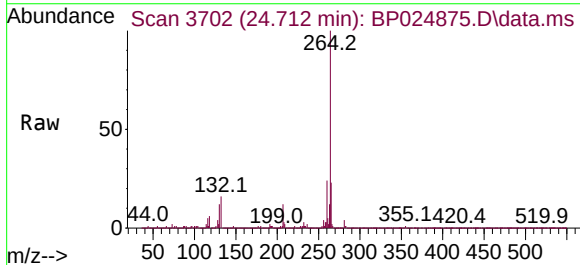
Instrument :
BNA_P
ClientSampleId :
P01W

Tgt Ion:244 Resp: 8128028
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 9.7 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.712 min Scan# 3702
Delta R.T. -0.006 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Tgt Ion:264 Resp: 2370307
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 22.6 17.4 26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024875.D
Acq On : 09 Jun 2025 13:31
Operator : RC/JU
Sample : Q2209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P01W

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024875.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.772	307	312	323	rBV	326215	471128	2.14%	0.525%
2	5.237	385	391	408	rBV	3572799	5600503	25.39%	6.245%
3	6.813	653	659	688	rVB	2281355	3934373	17.83%	4.387%
4	7.608	787	794	802	rBV	1153760	1761874	7.99%	1.964%
5	8.760	982	990	1013	rBV	3659435	6274148	28.44%	6.996%
6	10.378	1256	1265	1280	rBV	1406646	2430297	11.02%	2.710%
7	12.854	1679	1686	1701	rBV	8632869	13233015	59.98%	14.755%
8	14.248	1916	1923	1937	rBV	2095103	3156303	14.31%	3.519%
9	14.695	1994	1999	2009	rBV	148433	258065	1.17%	0.288%
10	15.637	2153	2159	2165	rBV	431940	590872	2.68%	0.659%
11	15.766	2174	2181	2201	rBV	8172918	11806540	53.52%	13.164%
12	17.048	2392	2399	2412	rBV	2552338	3711484	16.82%	4.138%
13	17.989	2553	2559	2567	rBV	1109018	1709530	7.75%	1.906%
14	19.313	2779	2784	2796	rBV	380157	689588	3.13%	0.769%
15	19.772	2856	2862	2877	rBV	17459509	22061230	100.00%	24.598%
16	21.142	3090	3095	3107	rBV	569628	1054692	4.78%	1.176%
17	21.466	3144	3150	3162	rBV2	3075222	4975485	22.55%	5.548%
18	24.713	3693	3702	3715	rVB2	1896052	5967155	27.05%	6.653%

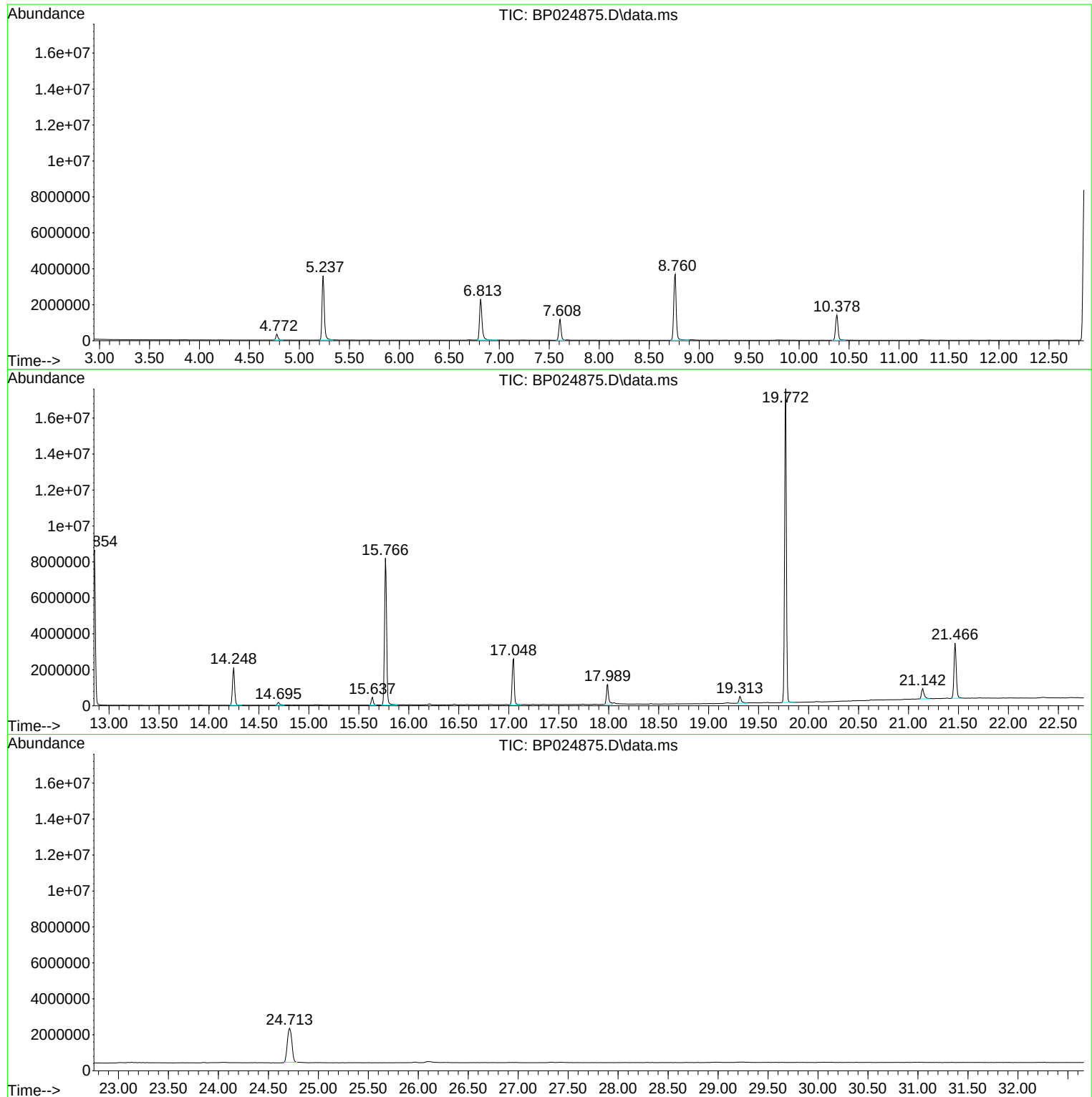
Sum of corrected areas: 89686282

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024875.D
Acq On : 09 Jun 2025 13:31
Operator : RC/JU
Sample : Q2209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P01W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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\BP060925\
Data File : BP024875.D
Acq On : 09 Jun 2025 13:31
Operator : RC/JU
Sample : Q2209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P01W

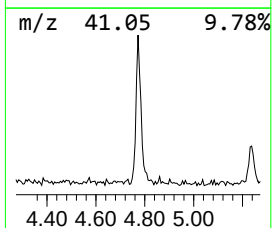
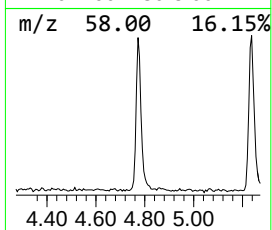
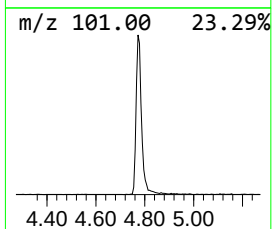
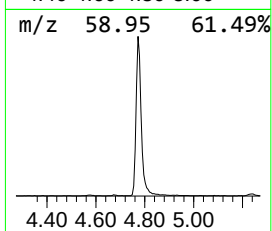
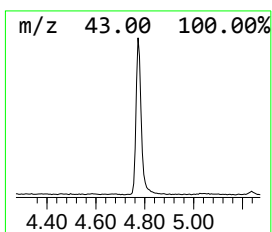
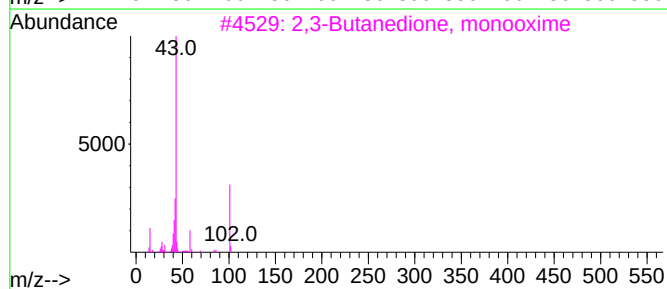
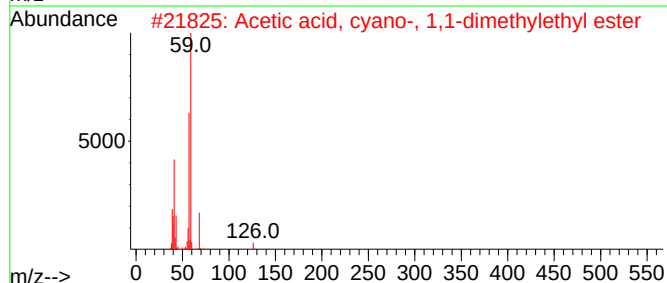
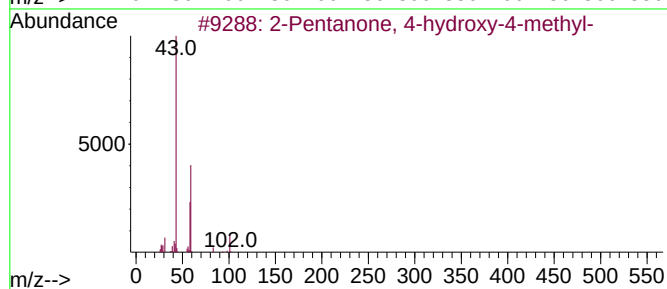
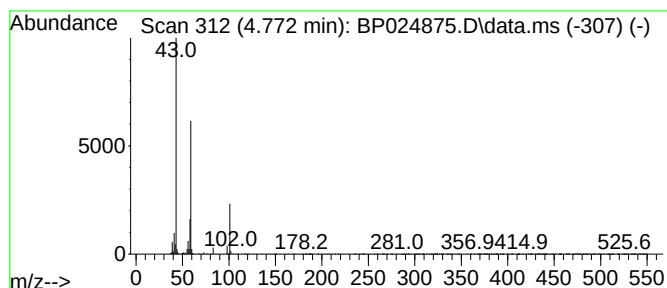
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.772	5.35 ng	471128	1,4-Dichlorobenzene-d4	7.608

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024875.D
Acq On : 09 Jun 2025 13:31
Operator : RC/JU
Sample : Q2209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P01W

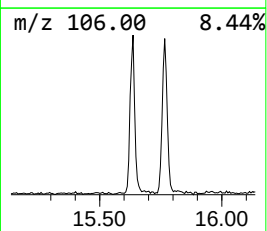
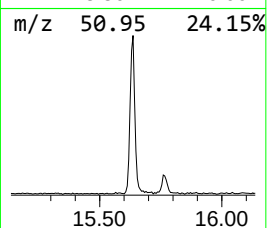
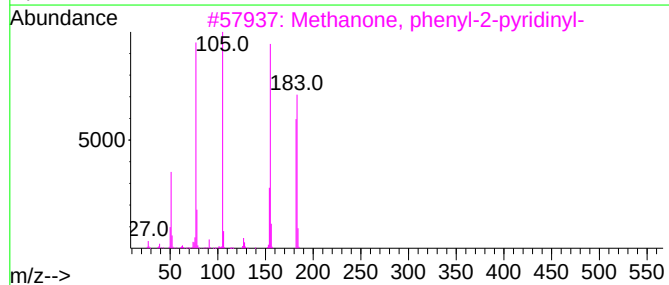
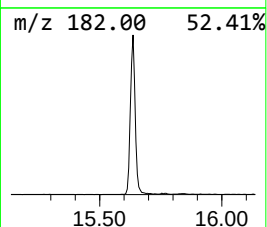
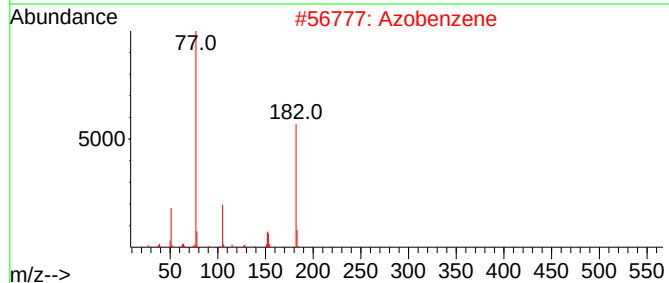
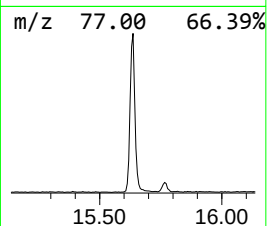
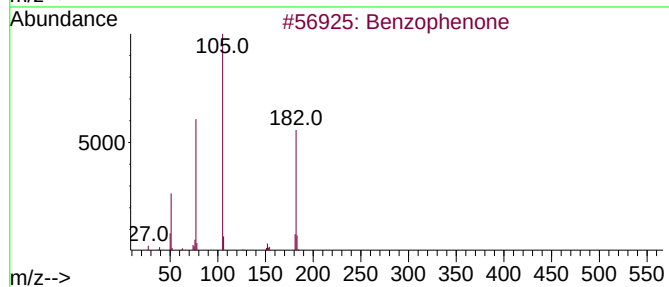
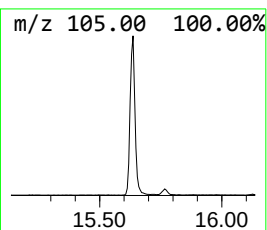
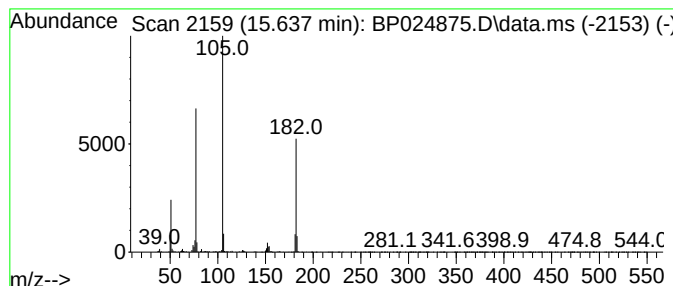
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.637	3.74 ng	590872	Acenaphthene-d10	14.248

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Azobenzene	182	C12H10N2	000103-33-3	72
3			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	72
4			1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
5			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024875.D
Acq On : 09 Jun 2025 13:31
Operator : RC/JU
Sample : Q2209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P01W

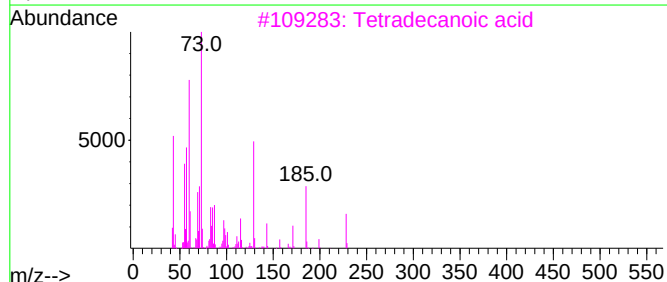
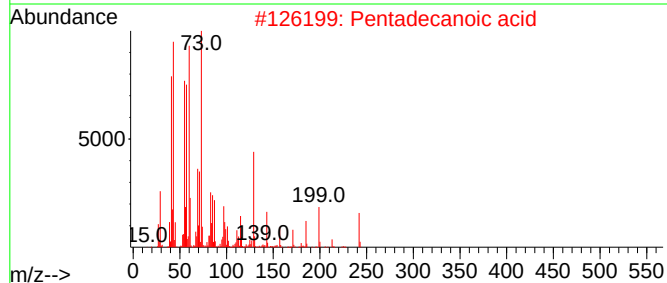
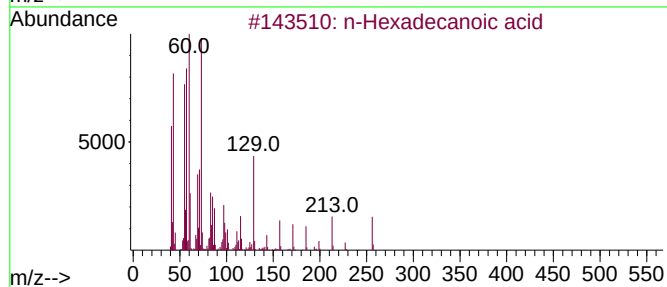
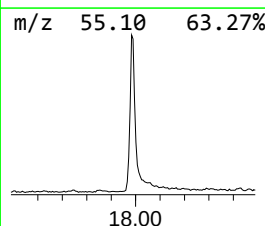
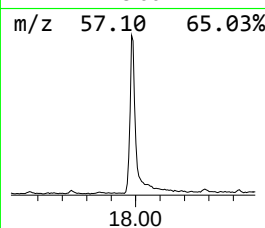
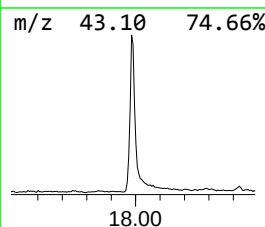
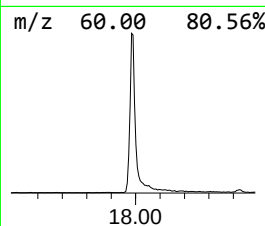
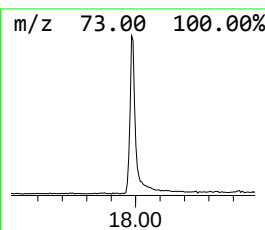
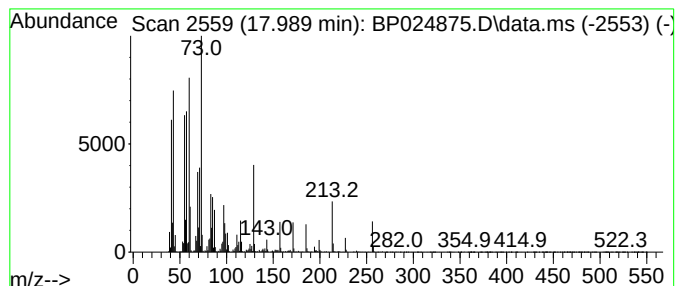
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.989	9.21 ng	1709530	Phenanthrene-d10	17.048

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4			Tridecanoic acid	214	C13H26O2	000638-53-9	90
5			n-Decanoic acid	172	C10H20O2	000334-48-5	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024875.D
Acq On : 09 Jun 2025 13:31
Operator : RC/JU
Sample : Q2209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P01W

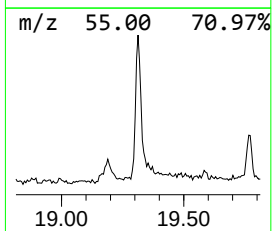
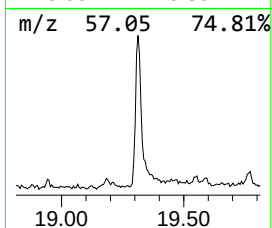
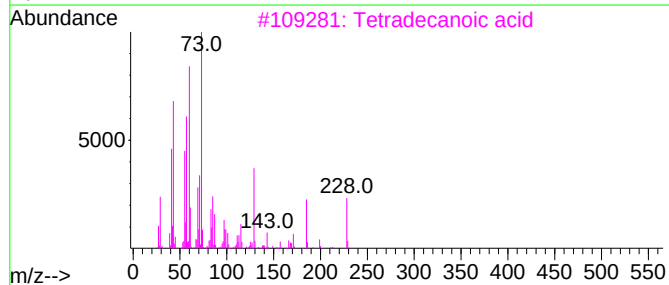
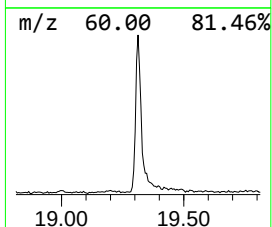
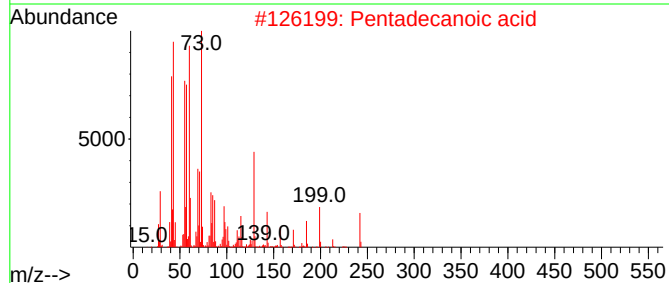
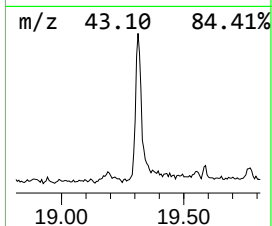
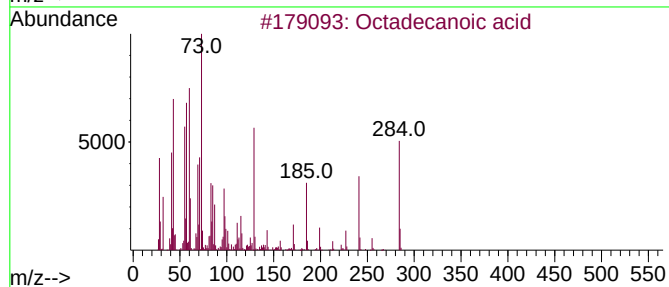
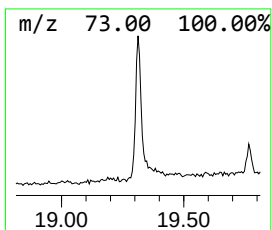
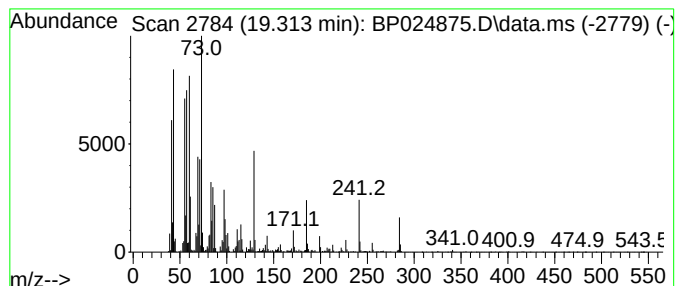
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.313	2.77 ng	689588	Chrysene-d12	21.466

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5			Tridecanoic acid	214	C13H26O2	000638-53-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024875.D
Acq On : 09 Jun 2025 13:31
Operator : RC/JU
Sample : Q2209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P01W

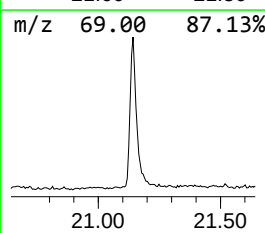
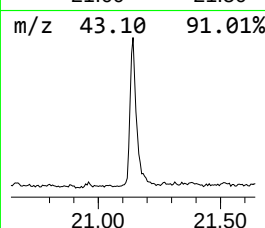
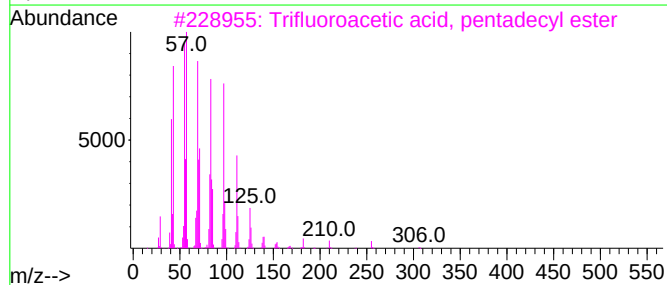
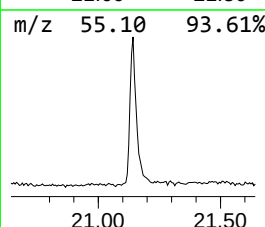
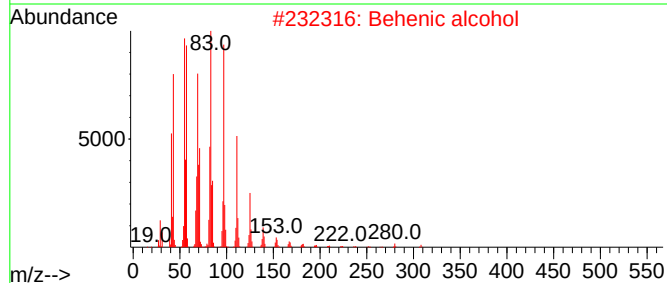
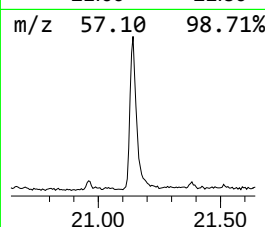
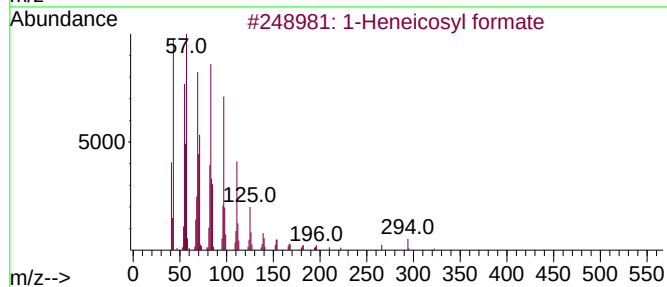
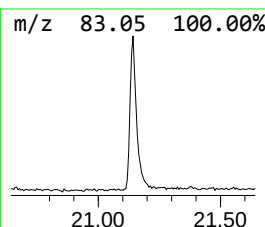
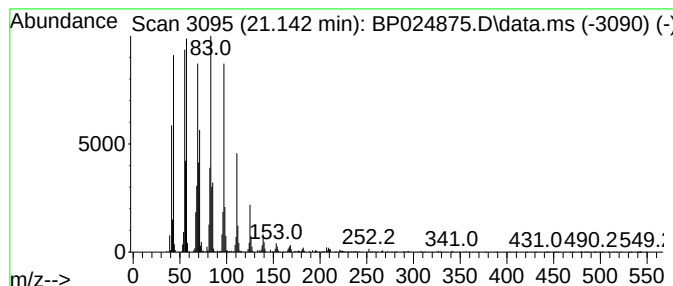
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.142	4.24 ng	1054690	Chrysene-d12	21.466

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2			Behenic alcohol	326	C22H46O	000661-19-8	94
3			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4			1-Heneicosanol	312	C21H44O	015594-90-8	94
5			Pentacos-1-ene	350	C25H50	016980-85-1	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024875.D
Acq On : 09 Jun 2025 13:31
Operator : RC/JU
Sample : Q2209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P01W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.772	5.3	ng	471128	1	7.608	1761870	20.0
Benzophenone	15.637	3.7	ng	590872	3	14.248	3156300	20.0
n-Hexadecanoic ...	17.989	9.2	ng	1709530	4	17.048	3711480	20.0
Octadecanoic acid	19.313	2.8	ng	689588	5	21.466	4975490	20.0
1-Heneicosyl fo...	21.142	4.2	ng	1054690	5	21.466	4975490	20.0



CALIBRATION SUMMARY

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01
 Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG No.: Q2209
 Instrument ID: BNA_P Calibration Date(s): 06/06/2025 06/06/2025
 Calibration Time(s): 10:30 15:18

LAB FILE ID:		RRF2.5 = BP024860.D			RRF005 = BP024861.D		RRF010 = BP024862.D	
		RRF020 = BP024863.D			RRF040 = BP024864.D		RRF050 = BP024865.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.127	1.139	1.207	1.163	1.283	1.198	4.9
Benzaldehyde			1.038	1.071	0.873	0.985	0.914	17.0
Phenol-d6		1.507	1.528	1.588	1.545	1.676	1.585	4.5
bis(2-Chloroethyl)ether		1.222	1.277	1.334	1.234	1.363	1.285	4.3
2,2-oxybis(1-Chloropropane)		1.748	1.732	1.722	1.583	1.751	1.682	4.5
Acetophenone		0.506	0.521	0.511	0.491	0.535	0.505	4.6
n-Nitroso-di-n-propylamine	0.984	1.101	1.105	1.107	1.043	1.141	1.078	4.9
Nitrobenzene-d5		0.407	0.397	0.423	0.404	0.444	0.412	4.9
Hexachloroethane		0.591	0.565	0.581	0.545	0.611	0.576	3.7
Nitrobenzene		0.366	0.351	0.375	0.360	0.392	0.366	4.8
Isophorone		0.704	0.678	0.724	0.694	0.764	0.713	3.9
bis(2-Chloroethoxy)methane		0.414	0.408	0.438	0.414	0.465	0.426	4.7
Naphthalene		1.071	1.022	1.044	0.989	1.079	1.025	4.9
4-Chloroaniline		0.397	0.401	0.435	0.426	0.471	0.429	6.7
Hexachlorobutadiene		0.203	0.199	0.208	0.194	0.218	0.201	4.8
Caprolactam			0.098	0.109	0.110	0.118	0.109	6.9
2-Methylnaphthalene		0.659	0.638	0.659	0.633	0.696	0.650	4.5
Hexachlorocyclopentadiene			0.259	0.315	0.337	0.404	0.346	15.7
2-Fluorobiphenyl		1.542	1.507	1.517	1.390	1.563	1.485	4.4
1,1-Biphenyl		1.477	1.456	1.485	1.386	1.509	1.453	3.1
2-Chloronaphthalene		1.123	1.104	1.135	1.069	1.171	1.117	3.2
2-Nitroaniline		0.289	0.324	0.344	0.346	0.371	0.343	8.6
Dimethylphthalate		1.515	1.450	1.501	1.400	1.550	1.475	3.4
Acenaphthylene		1.880	1.851	1.892	1.768	1.939	1.863	3.2
2,6-Dinitrotoluene		0.299	0.301	0.326	0.312	0.339	0.318	4.9
3-Nitroaniline		0.263	0.292	0.337	0.338	0.367	0.330	11.7
Acenaphthene		1.106	1.064	1.090	1.020	1.087	1.067	2.9
Dibenzofuran		1.815	1.721	1.756	1.627	1.757	1.713	4.2
2,4-Dinitrotoluene		0.390	0.416	0.457	0.437	0.487	0.445	7.4
Diethylphthalate		1.501	1.474	1.487	1.393	1.545	1.470	3.3
4-Chlorophenyl-phenylether		0.711	0.668	0.689	0.637	0.709	0.677	4.1
Fluorene		1.437	1.394	1.420	1.304	1.434	1.384	3.8
4-Nitroaniline		0.239	0.235	0.307	0.311	0.336	0.299	14.7
n-Nitrosodiphenylamine		0.627	0.608	0.633	0.597	0.659	0.620	3.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01
 Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG No.: Q2209
 Instrument ID: BNA_P Calibration Date(s): 06/06/2025 06/06/2025
 Calibration Time(s): 10:30 15:18

LAB FILE ID:		RRF2.5 = BP024860.D			RRF005 = BP024861.D		RRF010 = BP024862.D	
		RRF020 = BP024863.D			RRF040 = BP024864.D		RRF050 = BP024865.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,4,6-Tribromophenol		0.256	0.264	0.279	0.267	0.298	0.277	5.3
4-Bromophenyl-phenylether		0.224	0.215	0.226	0.213	0.246	0.226	4.8
Hexachlorobenzene		0.278	0.268	0.272	0.260	0.290	0.274	3.3
Atrazine		0.213	0.212	0.231	0.217	0.244	0.225	5.2
Phenanthrene		1.158	1.108	1.110	1.056	1.161	1.105	4.1
Anthracene		1.129	1.093	1.137	1.072	1.188	1.119	3.6
Carbazole		1.023	1.013	1.057	0.998	1.112	1.038	3.8
Di-n-butylphthalate		1.178	1.245	1.326	1.272	1.421	1.285	5.8
Fluoranthene		1.300	1.287	1.307	1.223	1.344	1.281	3.3
Pyrene		1.307	1.195	1.261	1.184	1.322	1.249	4.4
Terphenyl-d14		1.178	1.073	1.146	1.089	1.164	1.116	4.6
Butylbenzylphthalate		0.508	0.529	0.581	0.562	0.641	0.572	7.7
3,3-Dichlorobenzidine			0.468	0.513	0.493	0.542	0.508	5.3
Benzo (a) anthracene		1.312	1.234	1.288	1.219	1.347	1.279	3.7
Chrysene		1.252	1.174	1.229	1.144	1.279	1.212	4.1
Bis(2-ethylhexyl)phthalate		0.715	0.780	0.846	0.797	0.921	0.820	7.9
Di-n-octyl phthalate			1.320	1.438	1.384	1.587	1.445	6.2
Benzo (b) fluoranthene		1.103	1.104	1.133	1.127	1.232	1.145	4.1
Benzo (k) fluoranthene		1.165	1.144	1.181	1.106	1.259	1.165	4.1
Benzo (a) pyrene		1.096	1.069	1.127	1.070	1.214	1.118	4.5
Indeno (1,2,3-cd) pyrene		1.427	1.402	1.469	1.412	1.559	1.459	3.9
Dibenzo (a,h) anthracene		1.151	1.143	1.202	1.143	1.279	1.188	4.3
Benzo (g,h,i) perylene		1.172	1.127	1.183	1.136	1.261	1.179	3.9
1,2,4,5-Tetrachlorobenzene		0.568	0.561	0.568	0.538	0.601	0.568	3.3
1,4-Dioxane		0.564	0.529	0.524	0.495	0.546	0.527	4.2

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-BP060625.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Jun 06 16:20:27 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BP024860.D 5 =BP024861.D 10 =BP024862.D 20 =BP024863.D 40 =BP024864.D 50 =BP024865.D 60 =BP024866.D 80 =BP024867.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane		0.564	0.529	0.524	0.495	0.546	0.515	0.517	0.527	4.21
3)	Pyridine		1.151	1.183	1.265	1.226	1.370	1.367	1.315	1.268	6.84
4)	n-Nitrosodimet...			0.478	0.509	0.502	0.542	0.554	0.525	0.518	5.36
5) S	2-Fluorophenol		1.127	1.139	1.207	1.163	1.283	1.253	1.215	1.198	4.85
6)	Aniline		1.917	1.892	2.016	1.978	2.145	2.182	2.031	2.023	5.37
7) S	Phenol-d6		1.507	1.528	1.588	1.545	1.676	1.689	1.564	1.585	4.49
8)	2-Chlorophenol		1.336	1.290	1.346	1.314	1.453	1.422	1.348	1.358	4.29
9)	Benzaldehyde			1.038	1.071	0.873	0.985	0.869	0.646	0.914	16.98
10) C	Phenol		1.560	1.564	1.616	1.587	1.725	1.759	1.629	1.634	4.78
11)	bis(2-Chloroet...		1.222	1.277	1.334	1.234	1.363	1.322	1.246	1.285	4.26
12)	1,3-Dichlorobe...		1.570	1.515	1.537	1.425	1.571	1.519	1.471	1.515	3.49
13) C	1,4-Dichlorobe...		1.596	1.507	1.535	1.439	1.604	1.534	1.488	1.529	3.82
14)	1,2-Dichlorobe...		1.529	1.637	1.488	1.401	1.540	1.492	1.422	1.501	5.25
15)	Benzyl Alcohol			1.137	1.185	1.170	1.289	1.309	1.211	1.217	5.63
16)	2,2'-oxybis(1-...		1.748	1.732	1.722	1.583	1.751	1.667	1.574	1.682	4.54
17)	2-Methylphenol		1.053	1.149	1.138	1.106	1.210	1.211	1.121	1.141	4.94
18)	Hexachloroethane		0.591	0.565	0.581	0.545	0.611	0.574	0.562	0.576	3.73
19) P	n-Nitroso-di-n...	0.984	1.101	1.105	1.107	1.043	1.141	1.113	1.029	1.078	4.93
20)	3+4-Methylphenols			1.507	1.548	1.493	1.631	1.648	1.515	1.557	4.29
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone		0.506	0.521	0.511	0.491	0.535	0.510	0.463	0.505	4.58
23) S	Nitrobenzene-d5		0.407	0.397	0.423	0.404	0.444	0.423	0.383	0.412	4.89
24)	Nitrobenzene		0.366	0.351	0.375	0.360	0.392	0.376	0.339	0.366	4.81
25)	Isophorone		0.704	0.678	0.724	0.694	0.764	0.726	0.704	0.713	3.91
26) C	2-Nitrophenol		0.154	0.157	0.178	0.180	0.201	0.195	0.198	0.180	10.62
27)	2,4-Dimethylph...		0.294	0.286	0.310	0.303	0.331	0.320	0.318	0.309	5.12
28)	bis(2-Chloroet...		0.414	0.408	0.438	0.414	0.465	0.423	0.416	0.426	4.70
29) C	2,4-Dichloroph...		0.246	0.272	0.300	0.292	0.327	0.313	0.323	0.296	9.81
30)	1,2,4-Trichlor...		0.335	0.319	0.335	0.317	0.352	0.330	0.351	0.334	4.16
31)	Naphthalene		1.071	1.022	1.044	0.989	1.079	1.035	0.935	1.025	4.86
32)	Benzoic acid			0.159	0.181	0.204	0.230	0.235	0.243	0.209	16.01
33)	4-Chloroaniline		0.397	0.401	0.435	0.426	0.471	0.463	0.414	0.429	6.72
34) C	Hexachlorobuta...		0.203	0.199	0.208	0.194	0.218	0.198	0.189	0.201	4.76
35)	Caprolactam			0.098	0.109	0.110	0.118	0.116	0.104	0.109	6.91
36) C	4-Chloro-3-met...		0.312	0.322	0.351	0.341	0.374	0.363	0.329	0.342	6.58
37)	2-Methylnaphth...		0.659	0.638	0.659	0.633	0.696	0.664	0.602	0.650	4.54
38)	1-Methylnaphth...		0.720	0.680	0.718	0.671	0.741	0.693	0.643	0.695	4.86

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP060625.M

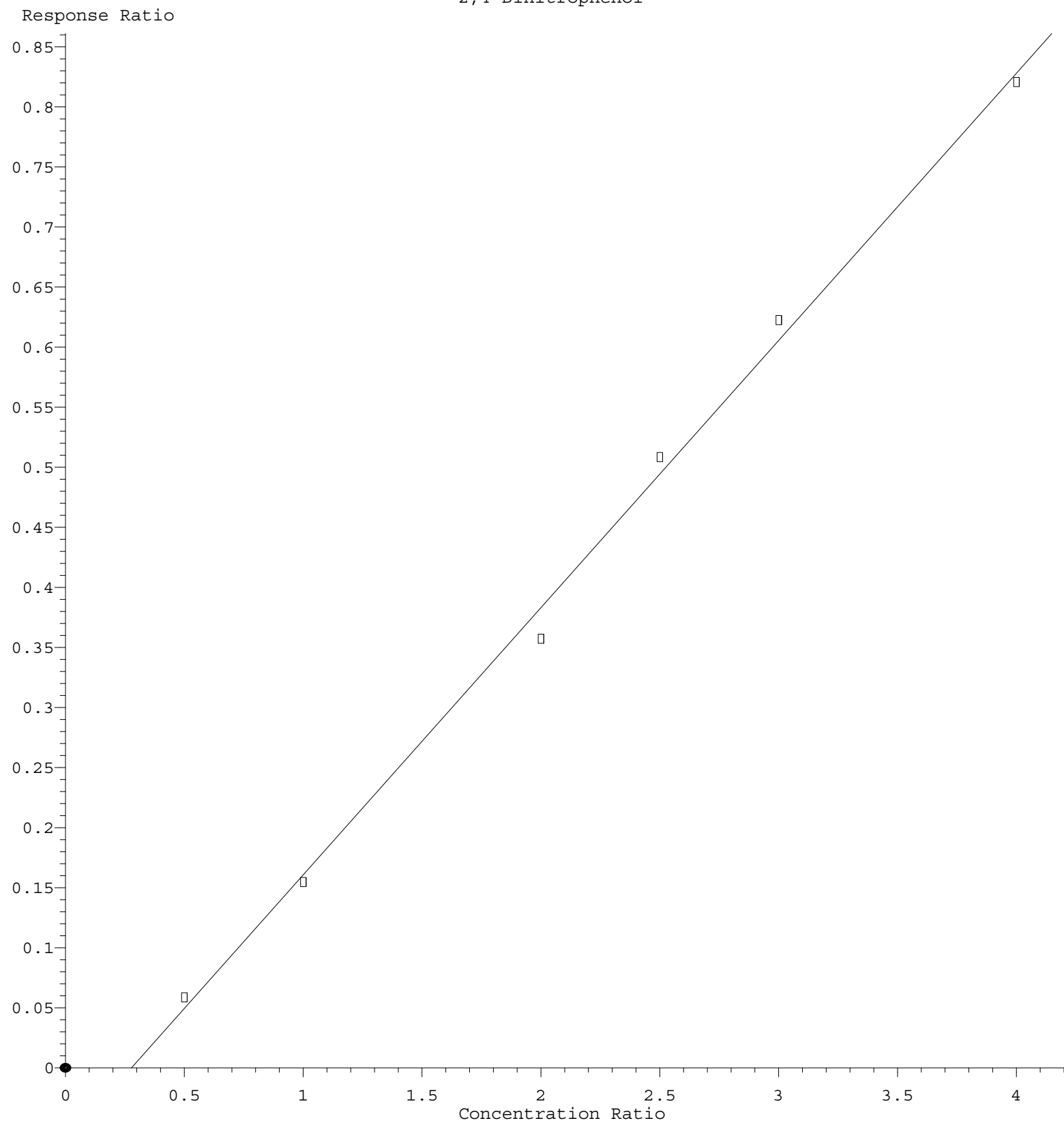
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.568	0.561	0.568	0.538	0.601	0.574	0.562	0.568	3.31	
41) P	Hexachlorocycl...	0.259	0.315	0.337	0.404	0.369	0.394	0.346		15.74	
42) S	2,4,6-Tribromo...	0.256	0.264	0.279	0.267	0.298	0.286	0.285	0.277	5.26	
43) C	2,4,6-Trichlor...	0.342	0.352	0.386	0.375	0.411	0.404	0.396	0.381	6.86	
44)	2,4,5-Trichlor...	0.349	0.379	0.414	0.405	0.448	0.436	0.426	0.408	8.44	
45) S	2-Fluorobiphenyl	1.542	1.507	1.517	1.390	1.563	1.464	1.409	1.485	4.44	
46)	1,1'-Biphenyl	1.477	1.456	1.485	1.386	1.509	1.458	1.403	1.453	3.05	
47)	2-Chloronaphth...	1.123	1.104	1.135	1.069	1.171	1.136	1.081	1.117	3.16	
48)	2-Nitroaniline	0.289	0.324	0.344	0.346	0.371	0.374	0.355	0.343	8.59	
49)	Acenaphthylene	1.880	1.851	1.892	1.768	1.939	1.904	1.805	1.863	3.19	
50)	Dimethylphthalate	1.515	1.450	1.501	1.400	1.550	1.473	1.438	1.475	3.45	
51)	2,6-Dinitrotol...	0.299	0.301	0.326	0.312	0.339	0.333	0.317	0.318	4.86	
52) C	Acenaphthene	1.106	1.064	1.090	1.020	1.087	1.069	1.036	1.067	2.86	
53)	3-Nitroaniline	0.263	0.292	0.337	0.338	0.367	0.364	0.349	0.330	11.74	
54) P	2,4-Dinitrophenol	0.117	0.155	0.179	0.203	0.208	0.205	0.178		20.23	
55)	Dibenzofuran	1.815	1.721	1.756	1.627	1.757	1.702	1.615	1.713	4.22	
56) P	4-Nitrophenol	0.142	0.213	0.248	0.276	0.281	0.275	0.239		22.62	
57)	2,4-Dinitrotol...	0.390	0.416	0.457	0.437	0.487	0.470	0.458	0.445	7.45	
58)	Fluorene	1.437	1.394	1.420	1.304	1.434	1.370	1.329	1.384	3.77	
59)	2,3,4,6-Tetrac...	0.343	0.350	0.360	0.354	0.395	0.381	0.370	0.365	5.04	
60)	Diethylphthalate	1.501	1.474	1.487	1.393	1.545	1.444	1.449	1.470	3.27	
61)	4-Chlorophenyl...	0.711	0.668	0.689	0.637	0.709	0.665	0.658	0.677	4.06	
62)	4-Nitroaniline	0.239	0.235	0.307	0.311	0.336	0.333	0.334	0.299	14.69	
63)	Azobenzene	1.346	1.334	1.394	1.300	1.425	1.335	1.307	1.349	3.37	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.102	0.125	0.130	0.147	0.143	0.142	0.131		12.78	
66) c	n-Nitrosodiphe...	0.627	0.608	0.633	0.597	0.659	0.622	0.594	0.620	3.68	
67)	4-Bromophenyl-...	0.224	0.215	0.226	0.213	0.246	0.229	0.226	0.226	4.83	
68)	Hexachlorobenzene	0.278	0.268	0.272	0.260	0.290	0.275	0.272	0.274	3.31	
69)	Atrazine	0.213	0.212	0.231	0.217	0.244	0.228	0.228	0.225	5.16	
70) C	Pentachlorophenol	0.105	0.131	0.139	0.162	0.153	0.159	0.142		15.21	
71)	Phenanthrene	1.158	1.108	1.110	1.056	1.161	1.102	1.041	1.105	4.12	
72)	Anthracene	1.129	1.093	1.137	1.072	1.188	1.133	1.083	1.119	3.58	
73)	Carbazole	1.023	1.013	1.057	0.998	1.112	1.052	1.007	1.038	3.83	
74)	Di-n-butylphth...	1.178	1.245	1.326	1.272	1.421	1.273	1.284	1.285	5.81	
75) C	Fluoranthene	1.300	1.287	1.307	1.223	1.344	1.268	1.238	1.281	3.25	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.512	0.669	0.653	0.690	0.663	0.529	0.619		12.54	
78)	Pyrene	1.307	1.195	1.261	1.184	1.322	1.272	1.206	1.249	4.41	
79) S	Terphenyl-d14	1.178	1.073	1.146	1.089	1.164	1.120	1.039	1.116	4.57	
80)	Butylbenzylpht...	0.508	0.529	0.581	0.561	0.641	0.596	0.589	0.572	7.74	
81)	Benzo(a)anthra...	1.312	1.234	1.288	1.219	1.347	1.310	1.243	1.279	3.73	
82)	3,3'-Dichlorob...	0.468	0.513	0.493	0.542	0.531	0.501	0.508		5.29	
83)	Chrysene	1.252	1.174	1.229	1.144	1.279	1.238	1.168	1.212	4.13	
84)	Bis(2-ethylhex...	0.715	0.780	0.846	0.797	0.921	0.831	0.850	0.820	7.87	
85) c	Di-n-octyl pht...	1.320	1.438	1.384	1.587	1.470	1.473	1.445		6.25	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP060625.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.427	1.402	1.469	1.412	1.559	1.510	1.436	1.459	3.92
88)	Benzo(b)fluora...	1.103	1.104	1.133	1.127	1.232	1.180	1.133	1.145	4.06
89)	Benzo(k)fluora...	1.165	1.144	1.180	1.106	1.259	1.158	1.144	1.165	4.05
90) C	Benzo(a)pyrene	1.096	1.069	1.127	1.070	1.214	1.136	1.113	1.118	4.46
91)	Dibenzo(a,h)an...	1.151	1.143	1.202	1.143	1.279	1.224	1.172	1.188	4.25
92)	Benzo(g,h,i)pe...	1.172	1.127	1.183	1.136	1.261	1.214	1.157	1.179	3.95

(#) = Out of Range

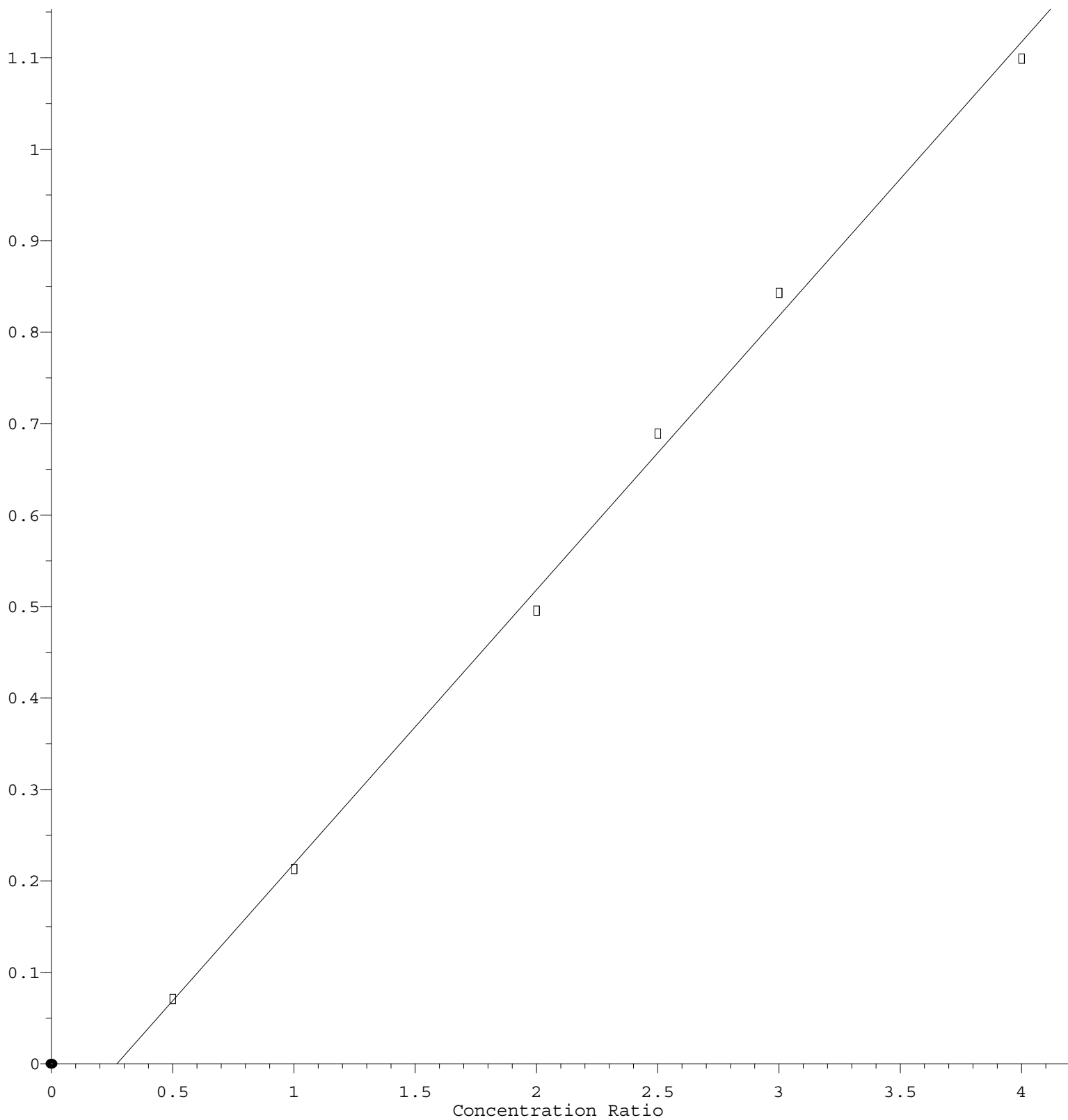
2,4-Dinitrophenol



Response = 2.226e-001 * Amt - 6.192e-002
 Coef of Det (r^2) = 0.996780 Curve Fit: Linear
 Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP060625.M
 Calibration Table Last Updated: Fri Jun 06 16:20:27 2025

4-Nitrophenol

Response Ratio



$$\text{Response} = 2.997\text{e-}001 * \text{Amt} - 8.106\text{e-}002$$

Coef of Det (r^2) = 0.997389 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP060625.M

Calibration Table Last Updated: Fri Jun 06 16:20:27 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024860.D
 Acq On : 06 Jun 2025 10:30
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC2.5

Quant Time: Jun 06 15:57:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 15:53:04 2025
 Response via : Initial Calibration

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

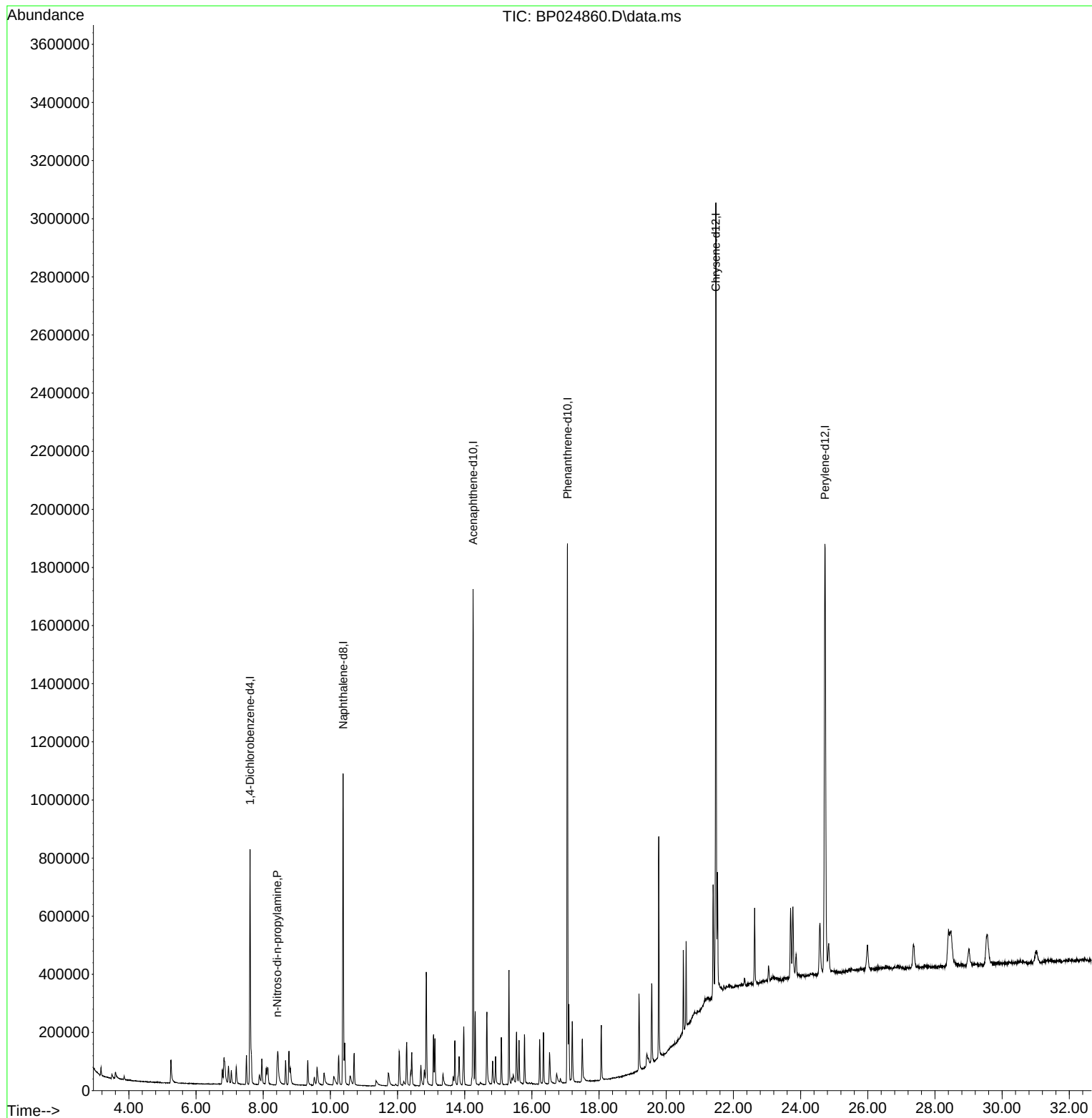
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	221050	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	909156	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	579004	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1181298	20.000	ng	0.00
76) Chrysene-d12	21.477	240	1353951	20.000	ng	0.00
86) Perylene-d12	24.724	264	1640185	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						
19) n-Nitroso-di-n-propyla...	8.413	70	27187	2.282	ng	Qvalue 98

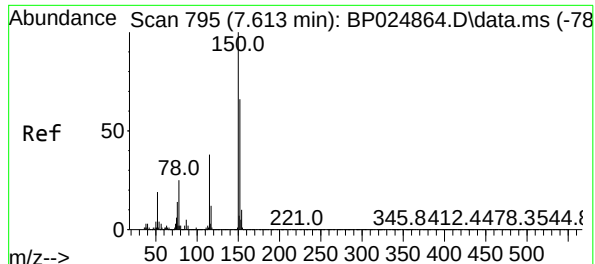
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024860.D
Acq On : 06 Jun 2025 10:30
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Jun 06 15:57:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

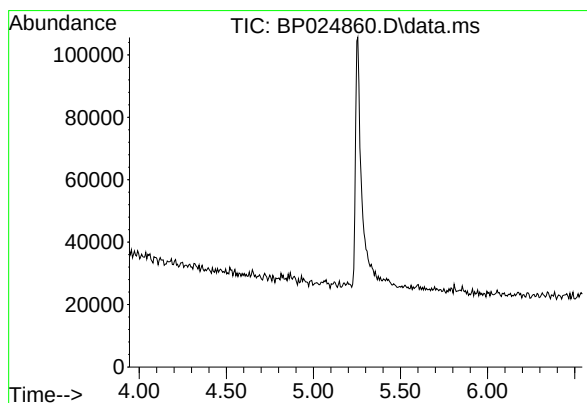
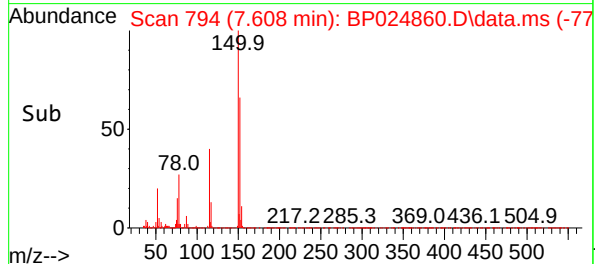
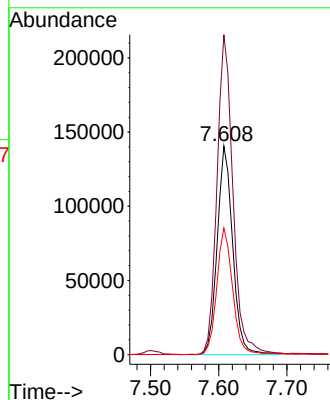
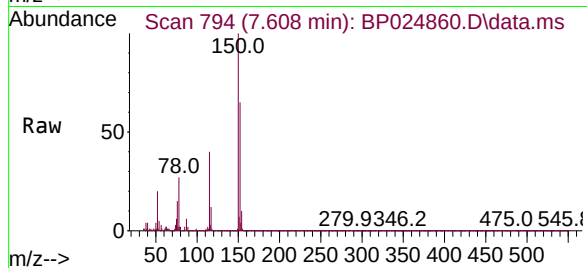




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

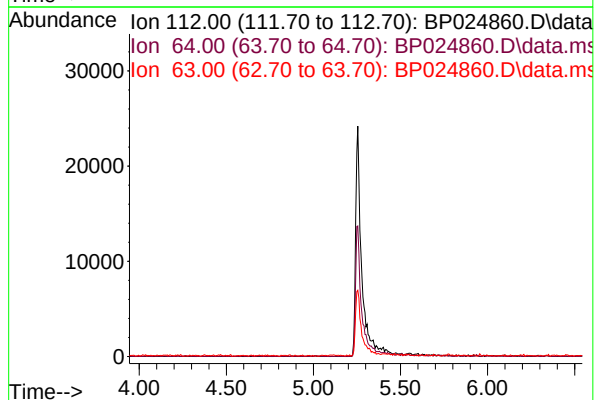
Tgt Ion:152 Resp: 221050
Ion Ratio Lower Upper
152 100
150 153.5 122.1 183.1
115 60.6 46.4 69.6

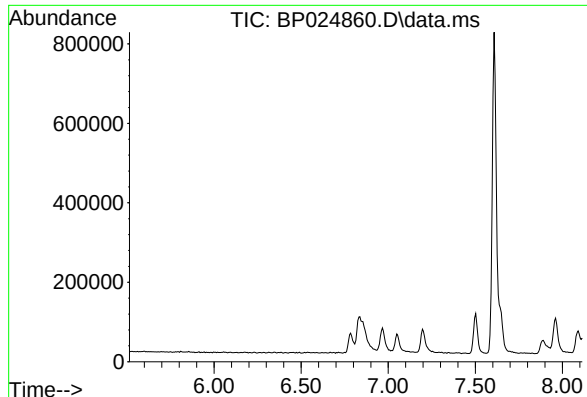


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.24 min

Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

Tgt Ion: 112
Sig Exp Ratio
112 100
64 55.9
63 29.4





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.81 min

Lab File: BP024860.D

Acq: 06 Jun 2025 10:30

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

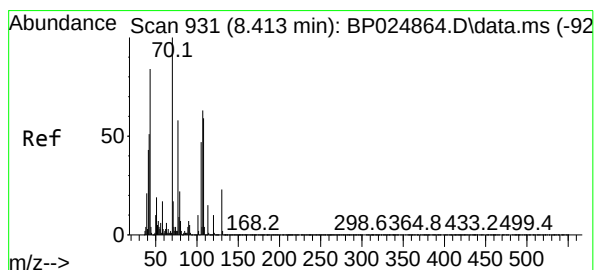
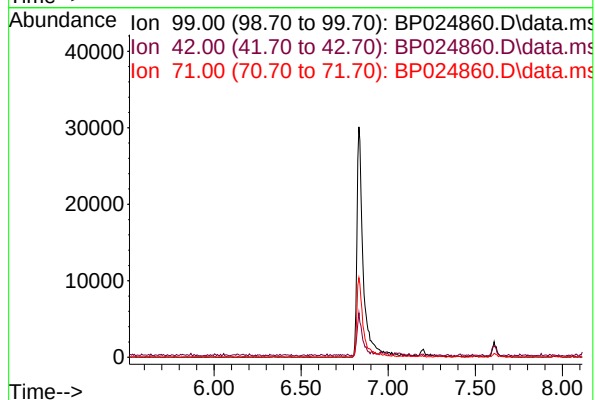
Tgt Ion: 99

Sig Exp Ratio

99 100

42 16.8

71 34.5



#19

n-Nitroso-di-n-propylamine

Concen: 2.282 ng

RT: 8.413 min Scan# 931

Delta R.T. 0.000 min

Lab File: BP024860.D

Acq: 06 Jun 2025 10:30

Tgt Ion: 70 Resp: 27187

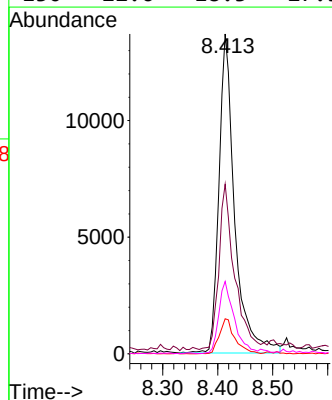
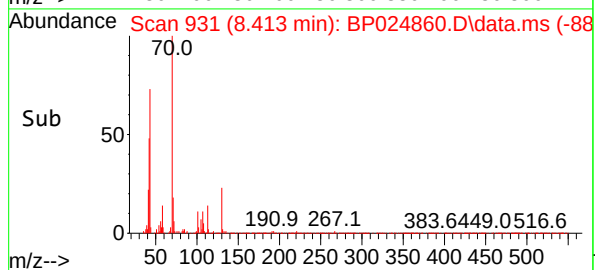
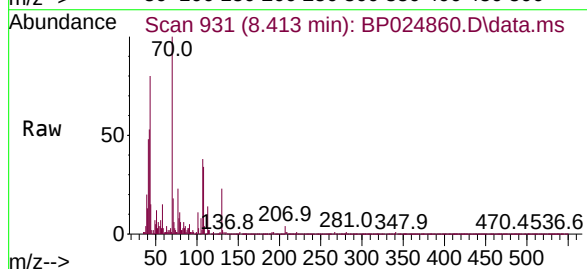
Ion Ratio Lower Upper

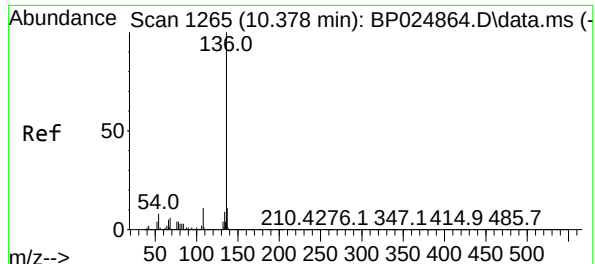
70 100

42 53.0 41.2 61.8

101 11.0 8.3 12.5

130 22.6 18.3 27.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.378 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP024860.D

Acq: 06 Jun 2025 10:30

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

Tgt Ion:136 Resp: 909156

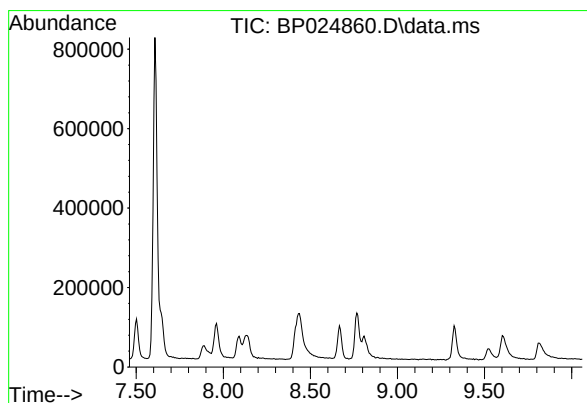
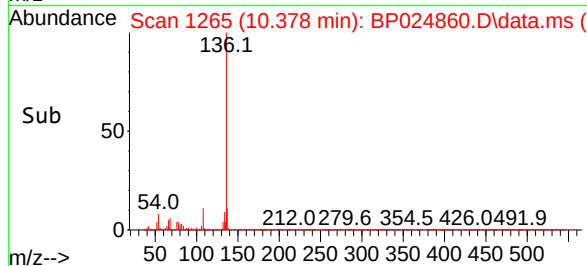
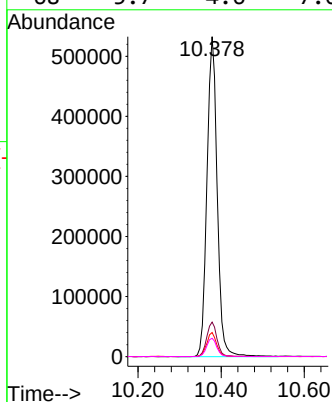
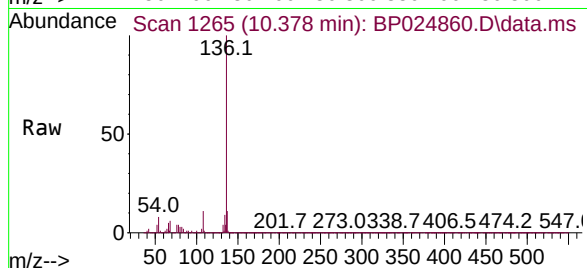
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.5 6.1 9.1

68 5.7 4.6 7.0



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 8.76 min

Lab File: BP024860.D

Acq: 06 Jun 2025 10:30

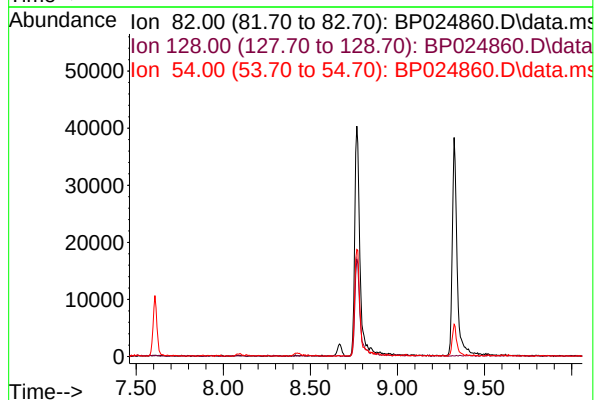
Tgt Ion: 82

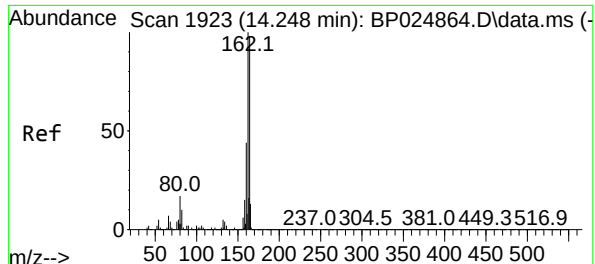
Sig Exp Ratio

82 100

128 44.1

54 46.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.248 min Scan# 19

Delta R.T. 0.000 min

Lab File: BP024860.D

Acq: 06 Jun 2025 10:30

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

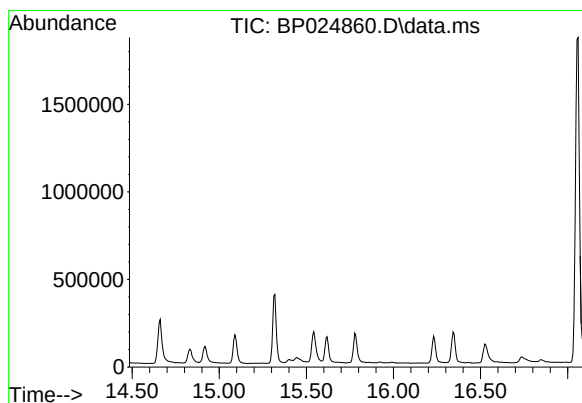
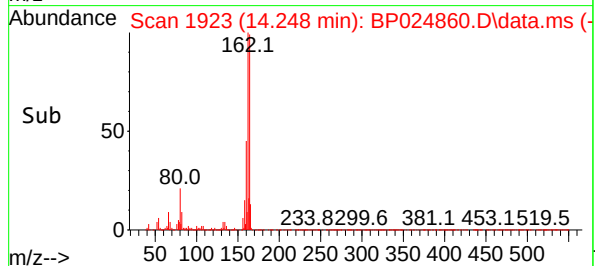
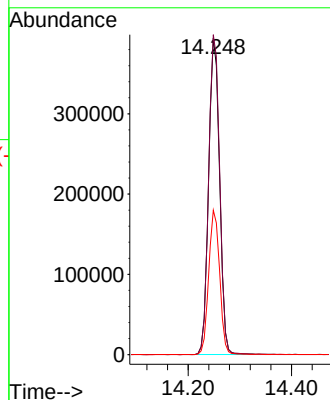
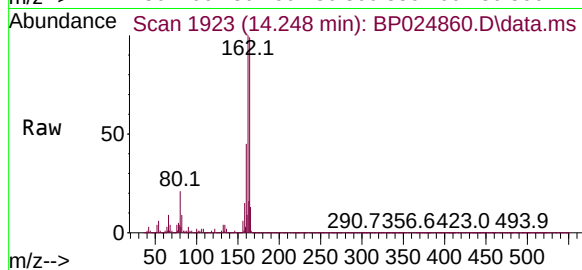
Tgt Ion:164 Resp: 579004

Ion Ratio Lower Upper

164 100

162 101.1 81.6 122.4

160 45.6 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.78 min

Lab File: BP024860.D

Acq: 06 Jun 2025 10:30

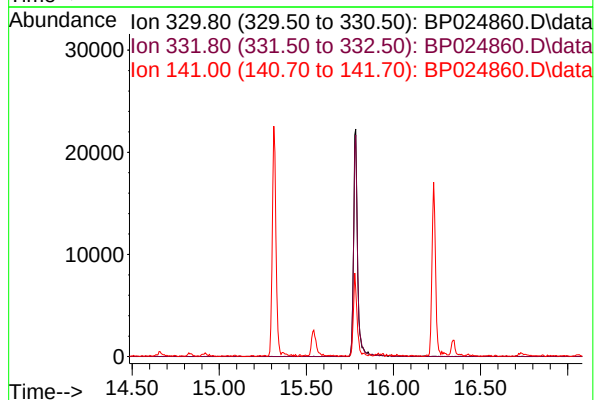
Tgt Ion: 330

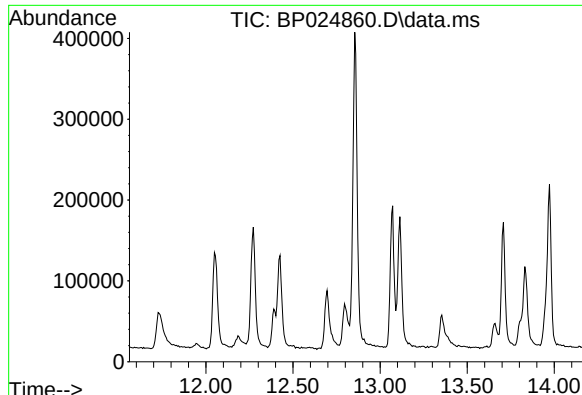
Sig Exp Ratio

330 100

332 97.1

141 33.0

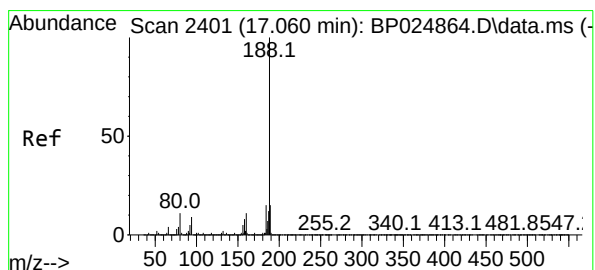
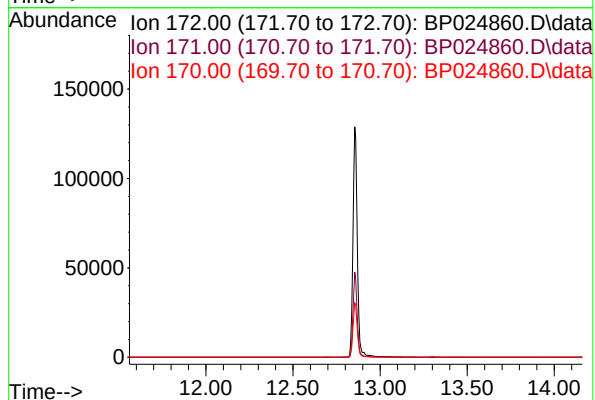




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.86 min
Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

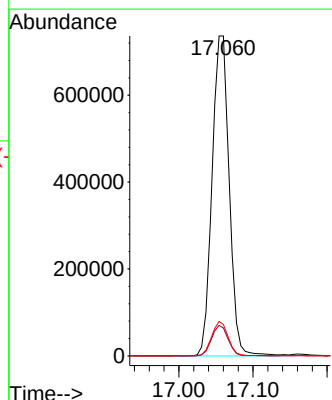
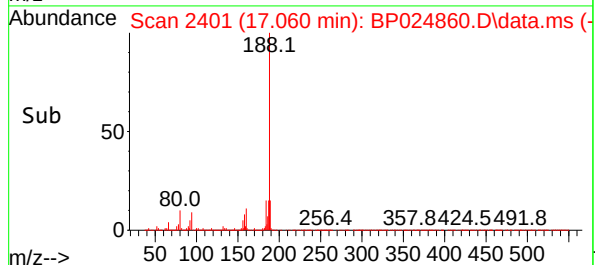
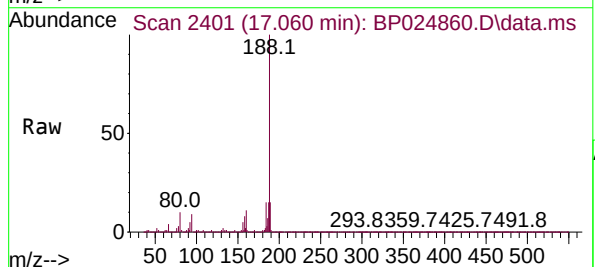
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

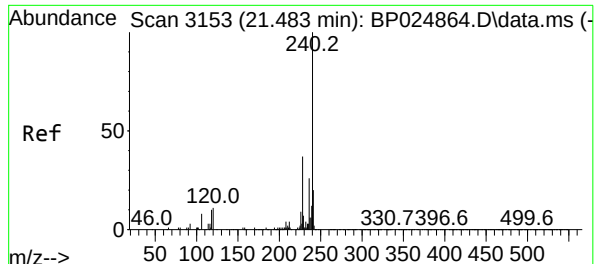
Tgt Ion: 172
Sig Exp Ratio
172 100
171 35.4
170 23.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

Tgt Ion:188 Resp: 1181298
Ion Ratio Lower Upper
188 100
94 8.7 7.3 10.9
80 9.8 8.5 12.7

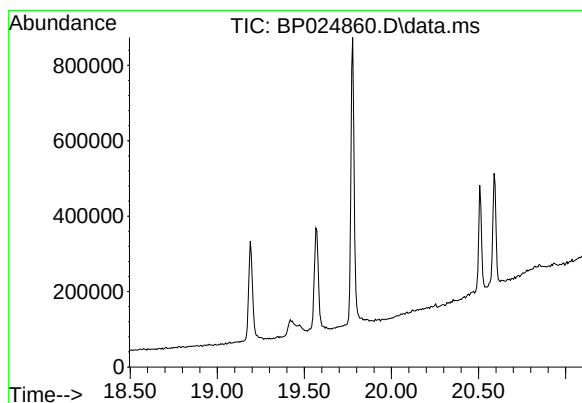
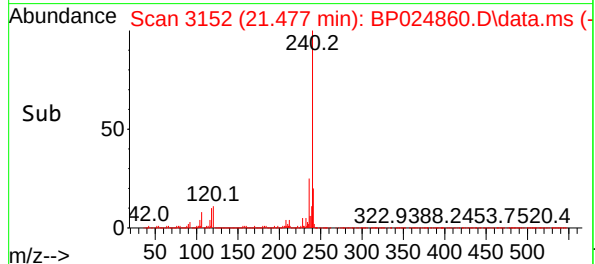
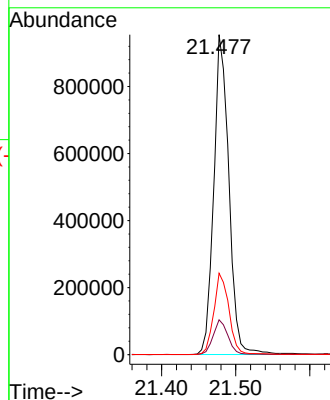
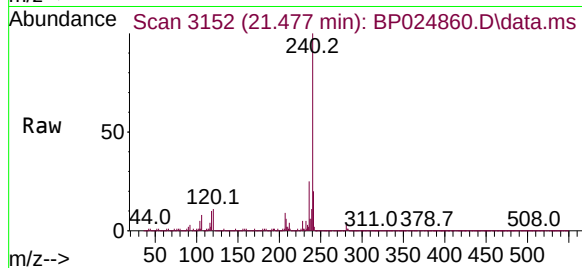




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.477 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

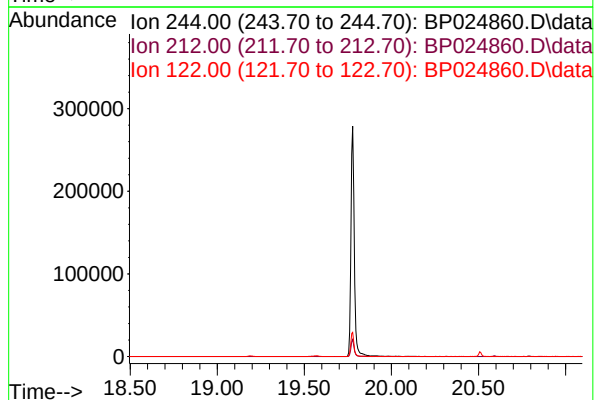
Tgt Ion: 240 Resp: 1353951
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.4 20.9 31.3

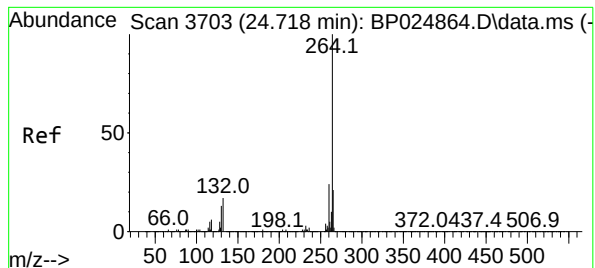


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.80 min

Lab File: BP024860.D
Acq: 06 Jun 2025 10:30

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.0
122 9.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.724 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024860.D

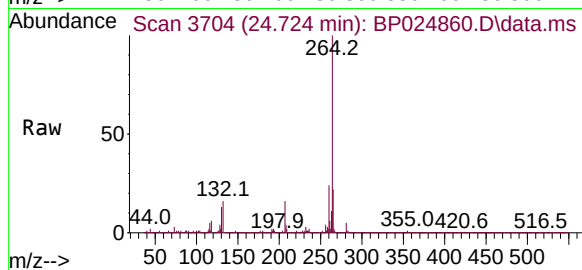
Acq: 06 Jun 2025 10:30

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



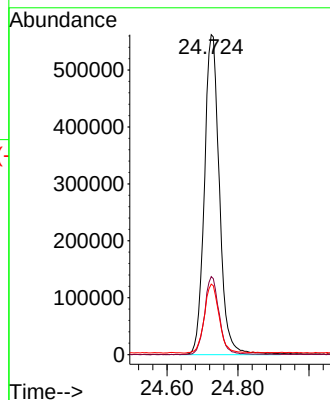
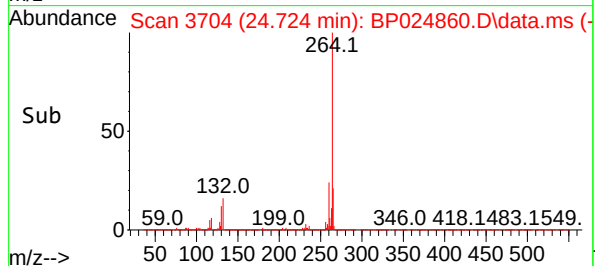
Tgt Ion:264 Resp: 1640185

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.4

265 22.0 17.4 26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024861.D
 Acq On : 06 Jun 2025 11:11
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/09/2025
 Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 15:58:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 15:53:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	200188	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	863187	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	567242	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1134887	20.000	ng	-0.01
76) Chrysene-d12	21.477	240	1194011	20.000	ng	0.00
86) Perylene-d12	24.724	264	1376894	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.249	112	112787	9.404	ng	0.00
7) Phenol-d6	6.831	99	150891	9.509	ng	0.02
23) Nitrobenzene-d5	8.760	82	175740	9.893	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	72727	9.274	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	437483	10.390	ng	0.00
79) Terphenyl-d14	19.778	244	703502	10.560	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.167	88	28220	5.348	ng	99
3) Pyridine	3.590	79	57580	4.537	ng	90
6) Aniline	6.961	93	95932	4.737	ng	99
8) 2-Chlorophenol	7.196	128	66850	4.917	ng	98
10) Phenol	6.855	94	78090	4.774	ng	96
11) bis(2-Chloroethyl)ether	7.049	93	61139	4.752	ng	97
12) 1,3-Dichlorobenzene	7.502	146	78560	5.180	ng	99
13) 1,4-Dichlorobenzene	7.643	146	79892	5.221	ng	99
14) 1,2-Dichlorobenzene	7.960	146	76524	5.092	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.137	45	87492	5.196	ng	93
17) 2-Methylphenol	8.084	107	52716	4.615	ng	98
18) Hexachloroethane	8.672	117	29571	5.132	ng	94
19) n-Nitroso-di-n-propyla...	8.413	70	55096	5.108	ng	97
22) Acetophenone	8.437	105	109271	5.010	ng	96
24) Nitrobenzene	8.808	77	79033	5.008	ng	96
25) Isophorone	9.325	82	151837	4.932	ng	99
26) 2-Nitrophenol	9.519	139	33214	4.266	ng	94
27) 2,4-Dimethylphenol	9.596	122	63419	4.759	ng	94
28) bis(2-Chloroethoxy)met...	9.807	93	89295	4.862	ng	96
29) 2,4-Dichlorophenol	10.090	162	53164	4.158	ng	95
30) 1,2,4-Trichlorobenzene	10.249	180	72373	5.018	ng	99
31) Naphthalene	10.425	128	231024	5.223	ng	98
33) 4-Chloroaniline	10.572	127	85657	4.622	ng	99
34) Hexachlorobutadiene	10.707	225	43845	5.044	ng	98
36) 4-Chloro-3-methylphenol	11.719	107	67386	4.569	ng	99
37) 2-Methylnaphthalene	12.049	142	142250	5.070	ng	98
38) 1-Methylnaphthalene	12.266	142	155333	5.178	ng	97
40) 1,2,4,5-Tetrachloroben...	12.425	216	80613	5.008	ng	99
43) 2,4,6-Trichlorophenol	12.690	196	48501	4.487	ng	97
44) 2,4,5-Trichlorophenol	12.796	196	49421	4.269	ng	97
46) 1,1'-Biphenyl	13.072	154	209483	5.082	ng	96
47) 2-Chloronaphthalene	13.113	162	159251	5.026	ng	99
48) 2-Nitroaniline	13.348	65	40981	4.207	ng	99
49) Acenaphthylene	13.972	152	266639	5.047	ng	99
50) Dimethylphthalate	13.713	163	214893	5.136	ng	99
51) 2,6-Dinitrotoluene	13.831	165	42335	4.693	ng	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024861.D
 Acq On : 06 Jun 2025 11:11
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/09/2025
 Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 15:58:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 15:53:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.313	154	156832	5.181	ng	96
53) 3-Nitroaniline	14.190	138	37288	3.983	ng #	90
55) Dibenzofuran	14.660	168	257371	5.297	ng	100
57) 2,4-Dinitrotoluene	14.648	165	55352	4.387	ng #	87
58) Fluorene	15.319	166	203802	5.192	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.907	232	48686m	4.699	ng	
60) Diethylphthalate	15.090	149	212883	5.105	ng	98
61) 4-Chlorophenyl-phenyle...	15.319	204	100846	5.254	ng	97
62) 4-Nitroaniline	15.378	138	33952m	3.998	ng	
63) Azobenzene	15.619	77	190856	4.990	ng	99
66) n-Nitrosodiphenylamine	15.537	169	177845	5.056	ng	100
67) 4-Bromophenyl-phenylether	16.231	248	63678	4.973	ng	99
68) Hexachlorobenzene	16.342	284	78966	5.087	ng	96
69) Atrazine	16.519	200	60321	4.730	ng	98
71) Phenanthrene	17.095	178	328431	5.237	ng	99
72) Anthracene	17.195	178	320305	5.043	ng	99
73) Carbazole	17.489	167	290344	4.932	ng	100
74) Di-n-butylphthalate	18.060	149	334086	4.580	ng	99
75) Fluoranthene	19.183	202	368810	5.074	ng	99
78) Pyrene	19.560	202	389995	5.228	ng	99
80) Butylbenzylphthalate	20.513	149	151685	4.439	ng	99
81) Benzo(a)anthracene	21.460	228	391774	5.130	ng	99
83) Chrysene	21.525	228	373726	5.165	ng	98
84) Bis(2-ethylhexyl)phtha...	21.389	149	213559	4.362	ng	98
87) Indeno(1,2,3-cd)pyrene	28.418	276	491160	4.889	ng #	94
88) Benzo(b)fluoranthene	23.707	252	379596	4.817	ng	98
89) Benzo(k)fluoranthene	23.777	252	400877	4.998	ng	99
90) Benzo(a)pyrene	24.571	252	377184	4.901	ng	100
91) Dibenzo(a,h)anthracene	28.471	278	396286	4.846	ng	99
92) Benzo(g,h,i)perylene	29.559	276	403533	4.974	ng	98

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

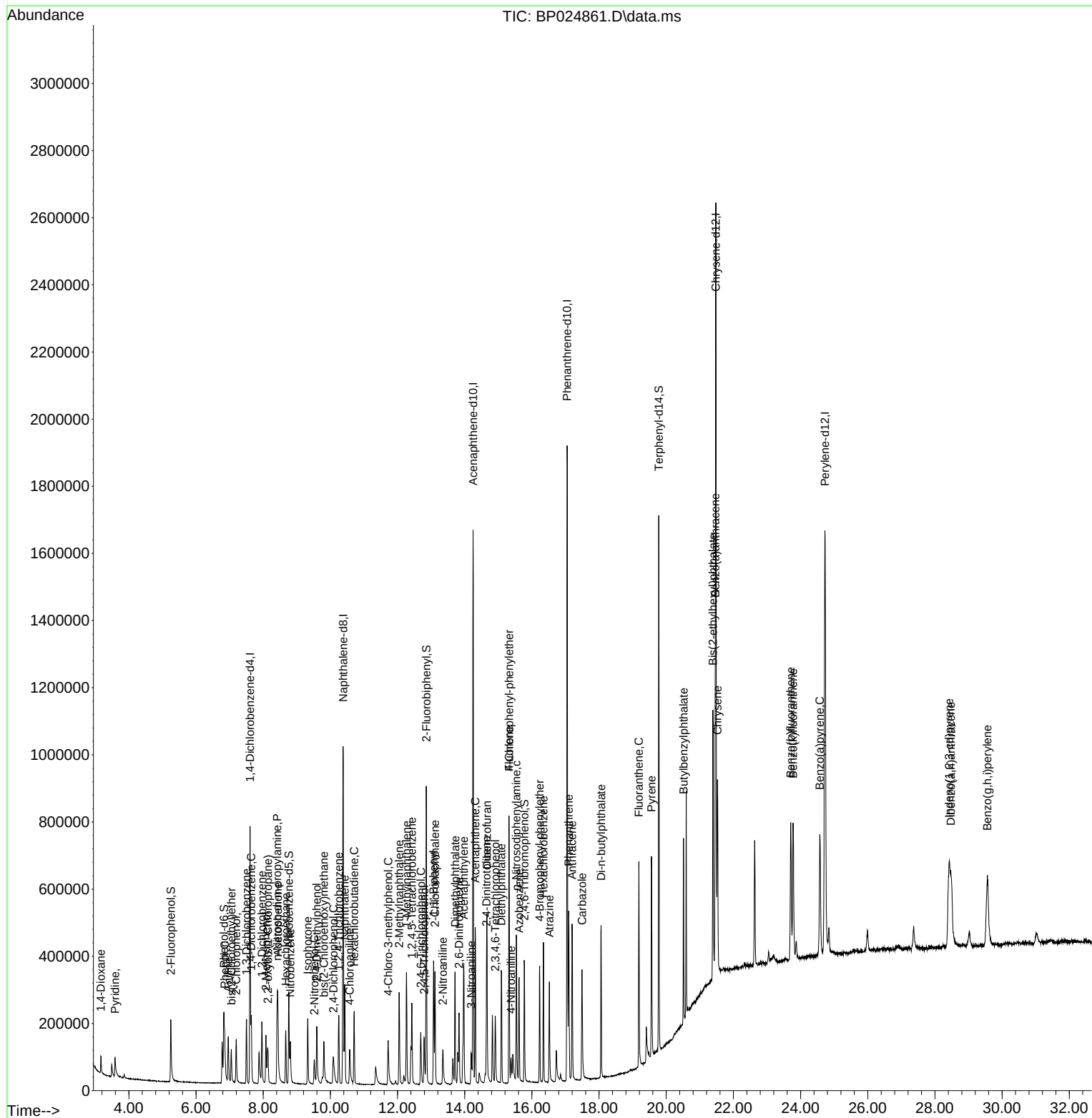
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Data File : BP024861.D  
Acq On    : 06 Jun 2025  11:11  
Operator  : RC/JU  
Sample    : SSTDICC005  
Misc      :  
ALS Vial  : 3    Sample Multiplier: 1
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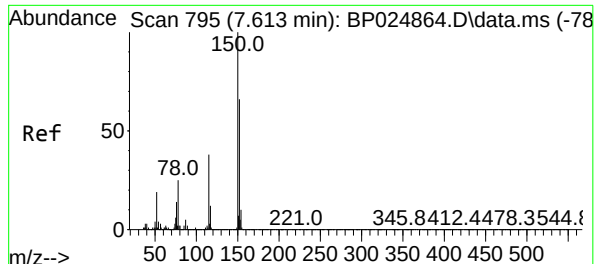
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jaagrut Upadhyay 06/09/2025

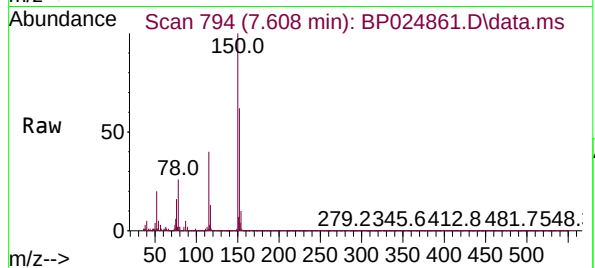
Quant Time: Jun 06 15:58:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

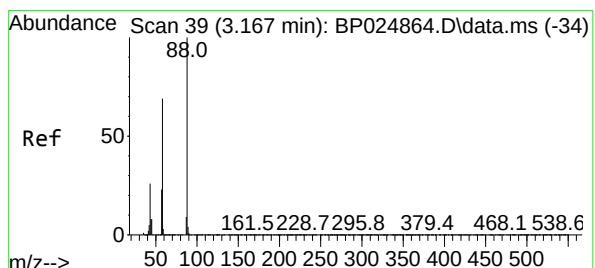
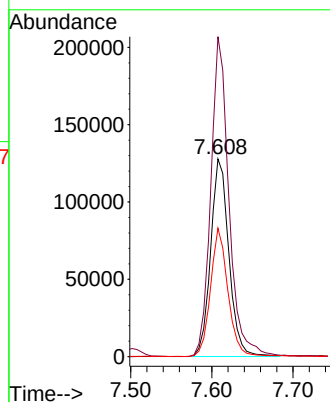
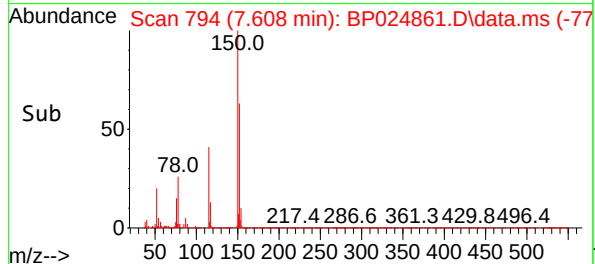
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 152 Resp: 200188
Ion Ratio Lower Upper
152 100
150 161.9 122.1 183.1
115 64.9 46.4 69.6

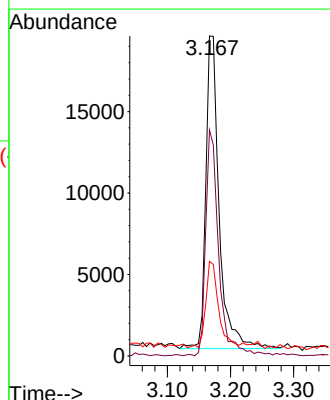
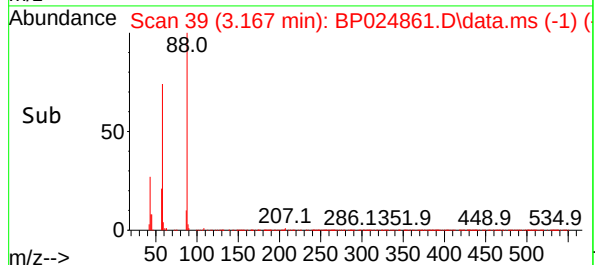
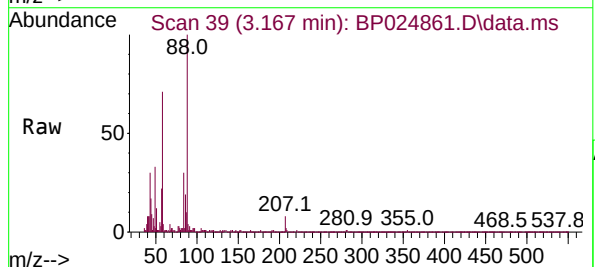
Manual Integrations
APPROVED

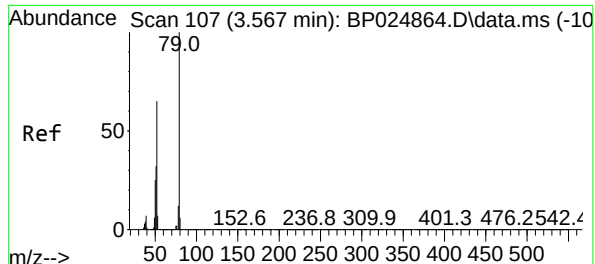
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#2
1,4-Dioxane
Concen: 5.348 ng
RT: 3.167 min Scan# 39
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 88 Resp: 28220
Ion Ratio Lower Upper
88 100
58 70.2 55.4 83.0
43 25.7 20.8 31.2





#3

Pyridine

Concen: 4.537 ng

RT: 3.590 min Scan# 111

Delta R.T. 0.024 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

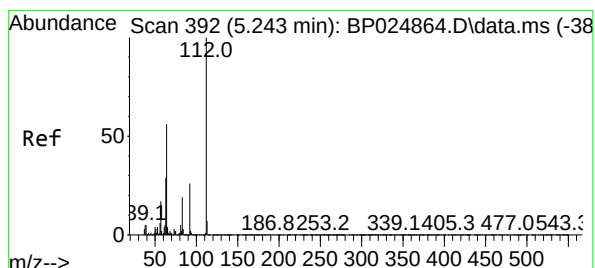
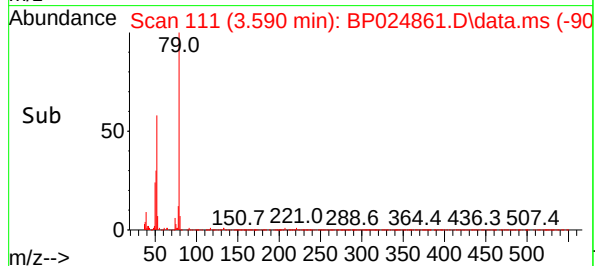
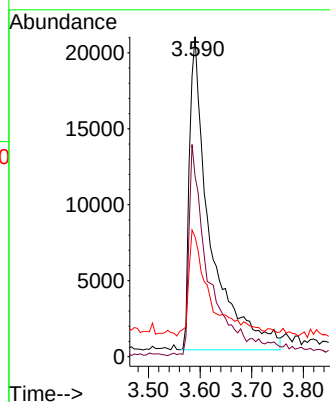
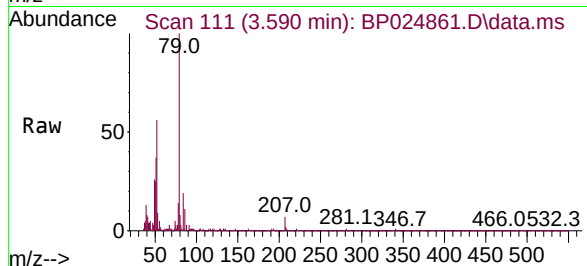
Tgt Ion:	79	Resp:	57580
Ion	Ratio	Lower	Upper
79	100		
52	56.3	51.6	77.4
51	37.4	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#5

2-Fluorophenol

Concen: 9.404 ng

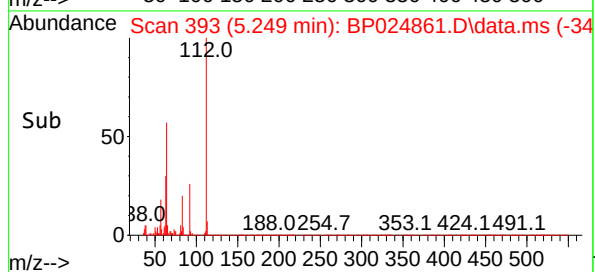
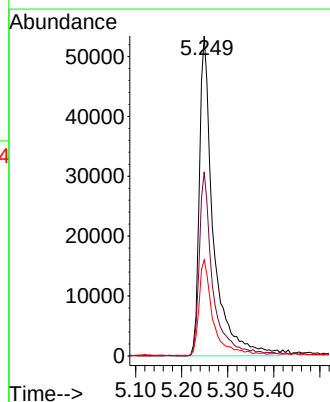
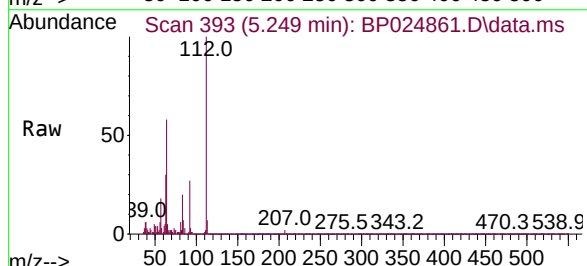
RT: 5.249 min Scan# 393

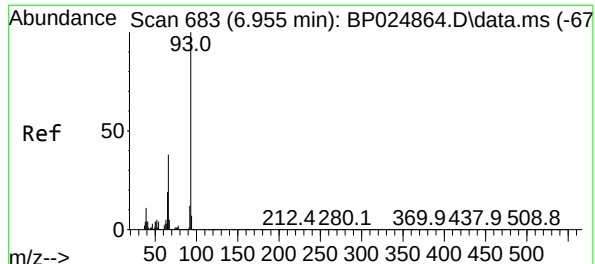
Delta R.T. 0.006 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

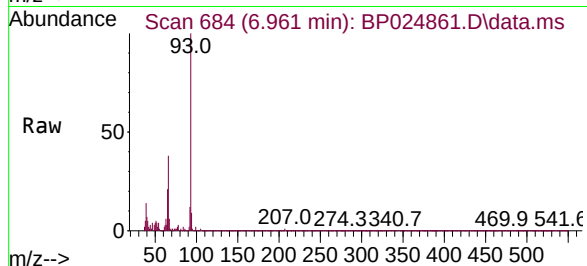
Tgt Ion:	112	Resp:	112787
Ion	Ratio	Lower	Upper
112	100		
64	57.5	44.7	67.1
63	30.0	23.5	35.3





#6
Aniline
Concen: 4.737 ng
RT: 6.961 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

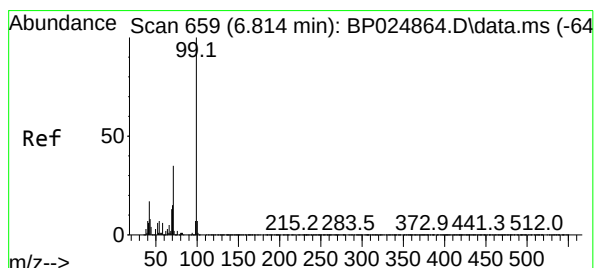
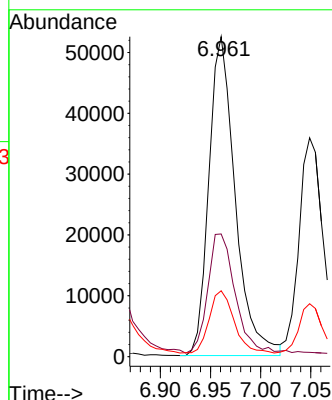
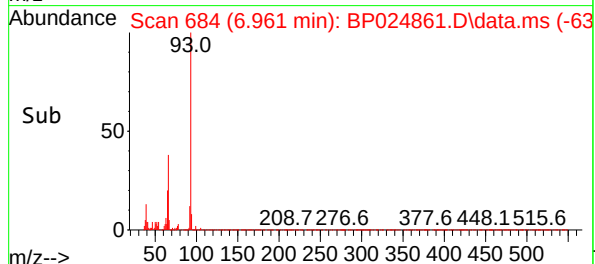
Instrument :
BNA_P
Client Sample Id :
SSTDICC005



Tgt Ion: 93 Resp: 95932
Ion Ratio Lower Upper
93 100
66 38.3 30.9 46.3
65 20.6 15.5 23.3

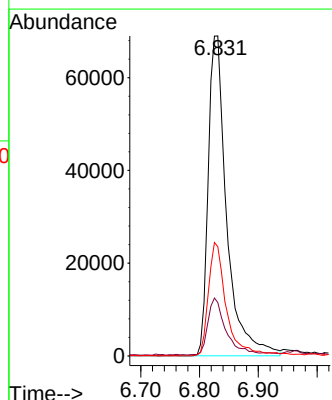
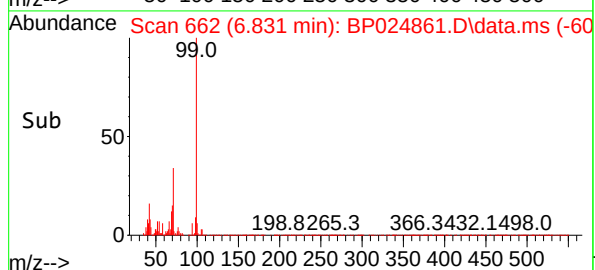
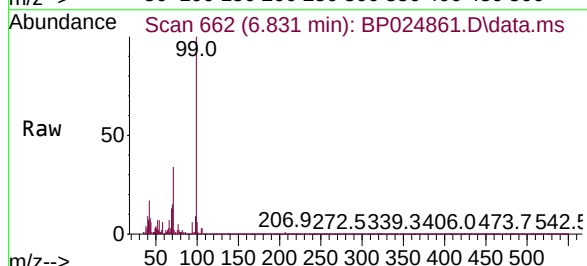
Manual Integrations
APPROVED

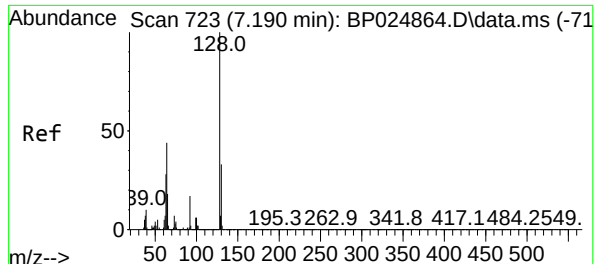
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#7
Phenol-d6
Concen: 9.509 ng
RT: 6.831 min Scan# 662
Delta R.T. 0.018 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 99 Resp: 150891
Ion Ratio Lower Upper
99 100
42 16.7 13.4 20.2
71 34.1 27.6 41.4





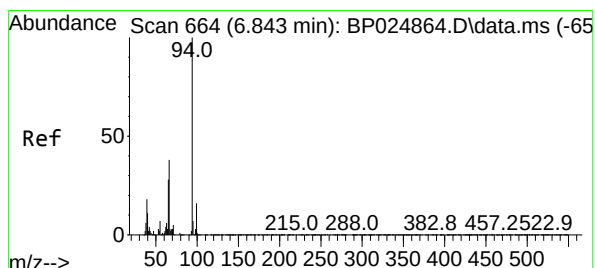
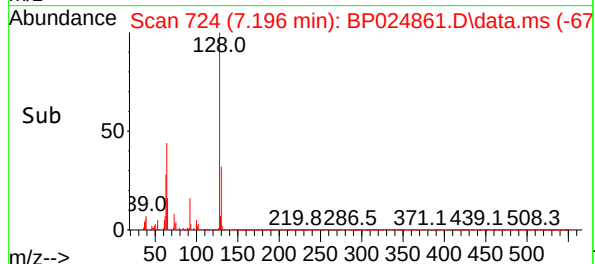
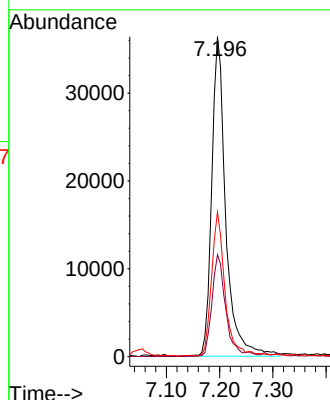
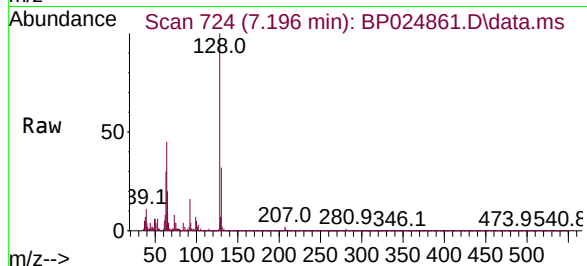
#8
2-Chlorophenol
Concen: 4.917 ng
RT: 7.196 min Scan# 723
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 66850
Ion Ratio Lower Upper
128 100
130 31.8 12.6 52.6
64 45.2 24.1 64.1

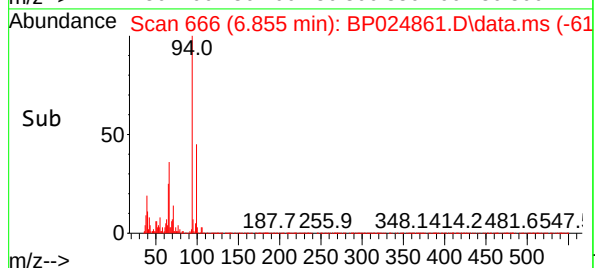
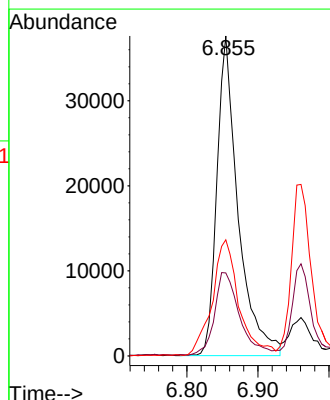
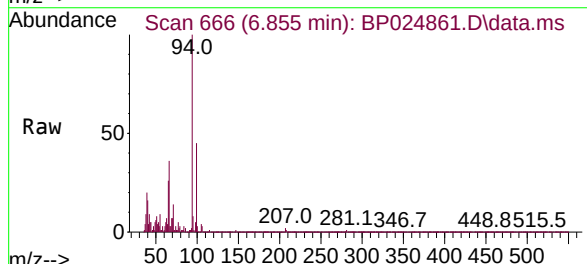
Manual Integrations
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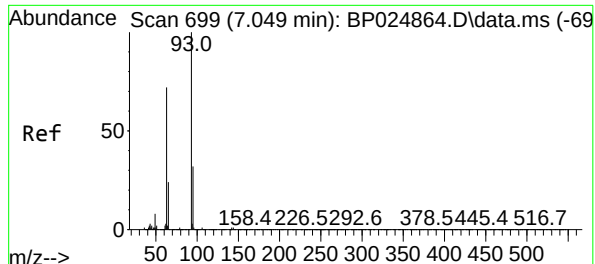
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#10
Phenol
Concen: 4.774 ng
RT: 6.855 min Scan# 666
Delta R.T. 0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 94 Resp: 78090
Ion Ratio Lower Upper
94 100
65 25.9 8.3 48.3
66 36.3 18.2 58.2





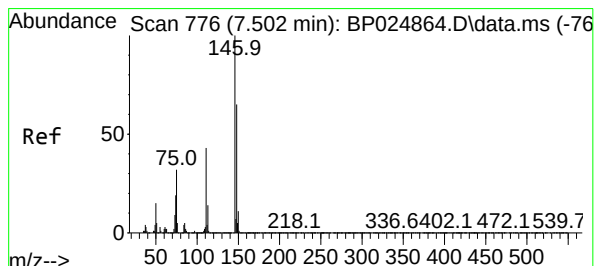
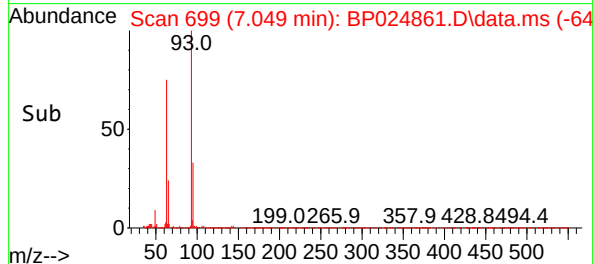
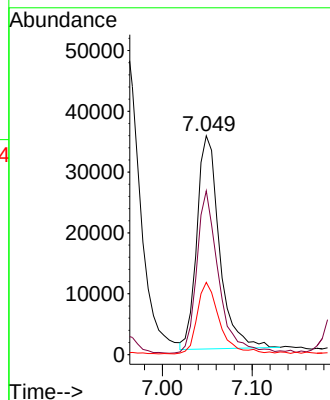
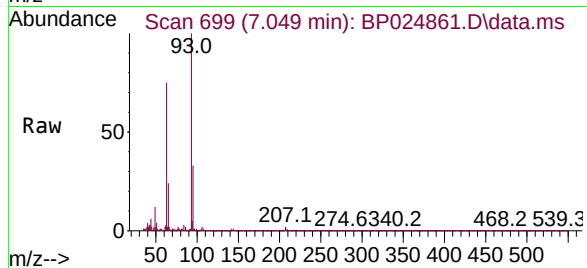
#11
bis(2-Chloroethyl)ether
Concen: 4.752 ng
RT: 7.049 min Scan# 699
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 61139
Ion Ratio Lower Upper
93 100
63 74.9 51.6 91.6
95 33.0 12.1 52.1

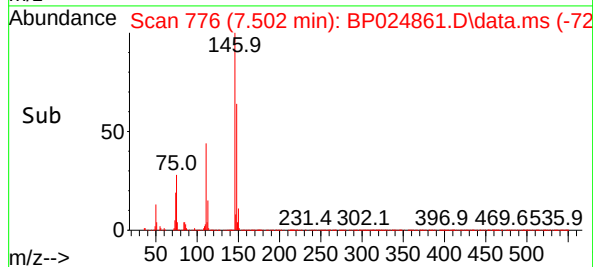
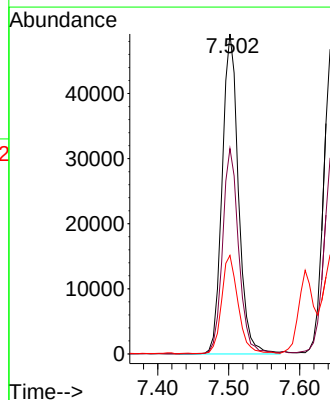
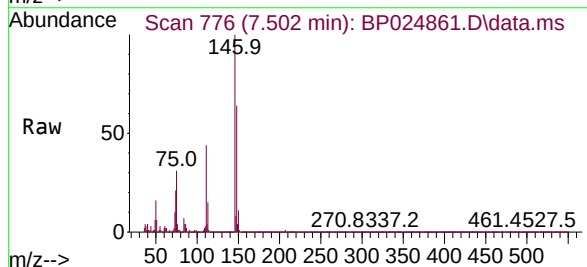
Manual Integrations
APPROVED

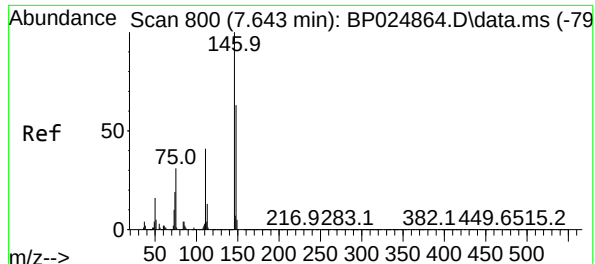
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#12
1,3-Dichlorobenzene
Concen: 5.180 ng
RT: 7.502 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:146 Resp: 78560
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 30.8 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 5.221 ng

RT: 7.643 min Scan# 800

Delta R.T. 0.000 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

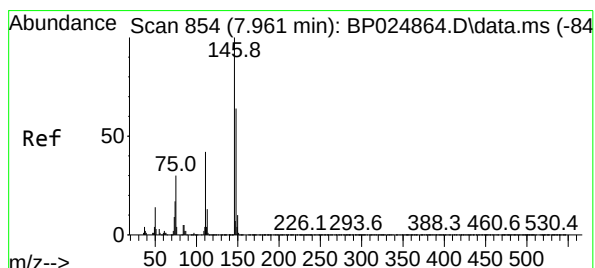
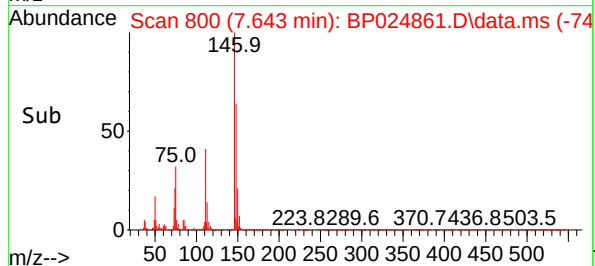
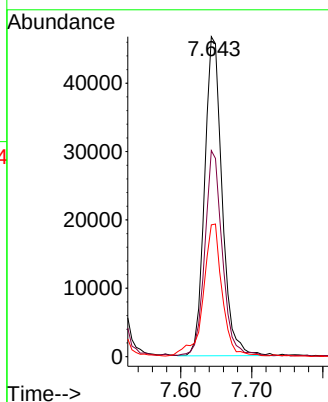
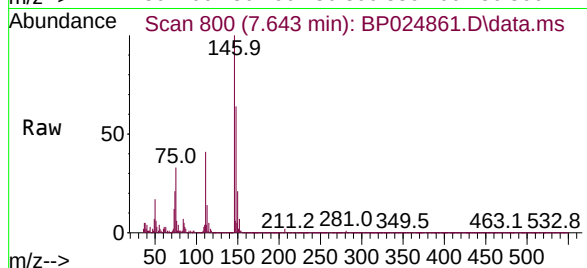
Tgt Ion:	146	Resp:	79892
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.8	76.2
111	41.2	32.7	49.1

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#14

1,2-Dichlorobenzene

Concen: 5.092 ng

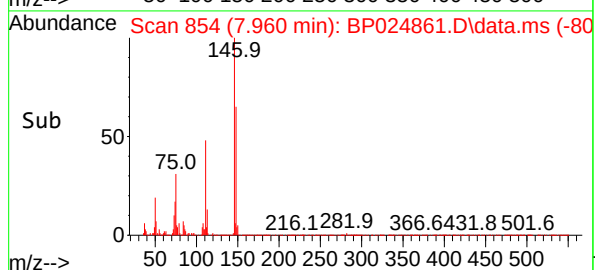
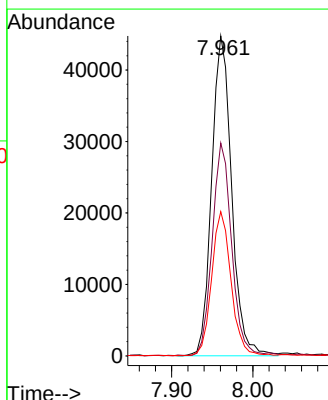
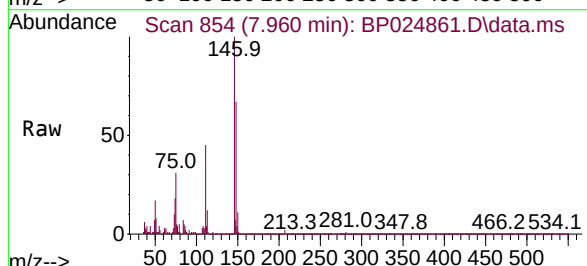
RT: 7.960 min Scan# 854

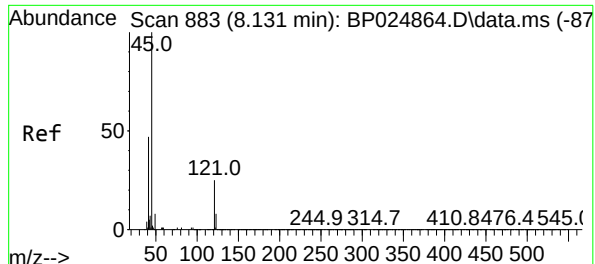
Delta R.T. -0.000 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

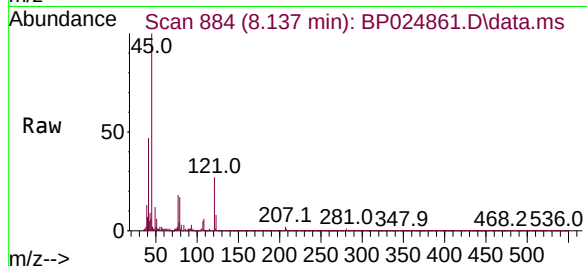
Tgt Ion:	146	Resp:	76524
Ion Ratio	Lower	Upper	
146	100		
148	66.5	51.0	76.4
111	45.1	33.8	50.8





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.196 ng
RT: 8.137 min Scan# 884
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

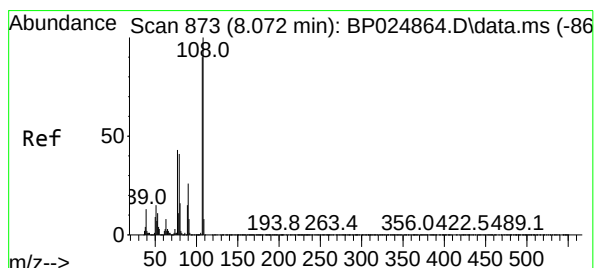
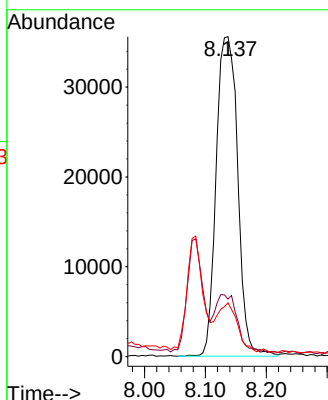
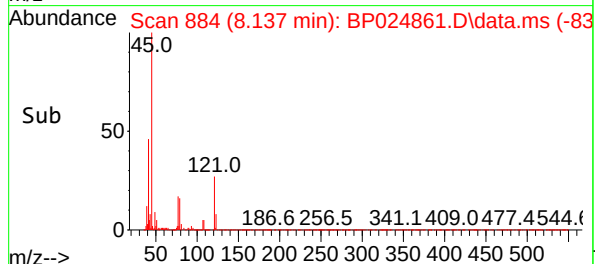
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 45 Resp: 87492
Ion Ratio Lower Upper
45 100
77 18.0 0.0 36.3
79 16.8 0.0 32.2

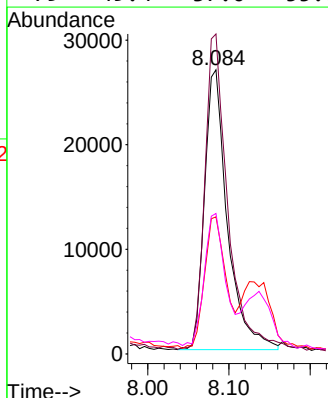
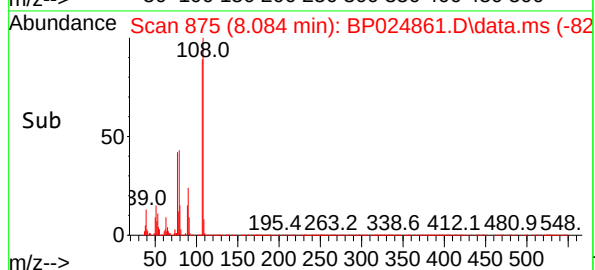
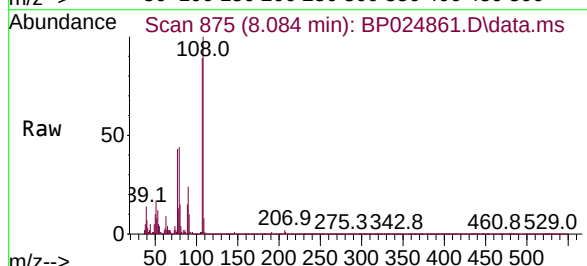
Manual Integrations
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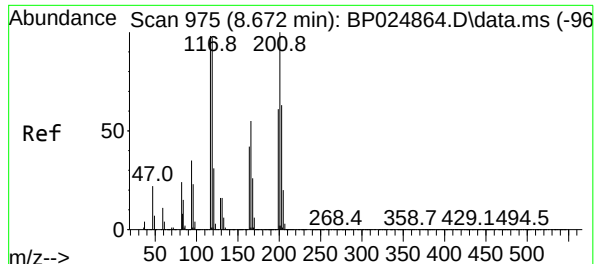
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#17
2-Methylphenol
Concen: 4.615 ng
RT: 8.084 min Scan# 875
Delta R.T. 0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:107 Resp: 52716
Ion Ratio Lower Upper
107 100
108 112.6 88.6 132.8
77 48.3 38.5 57.7
79 49.4 37.0 55.6





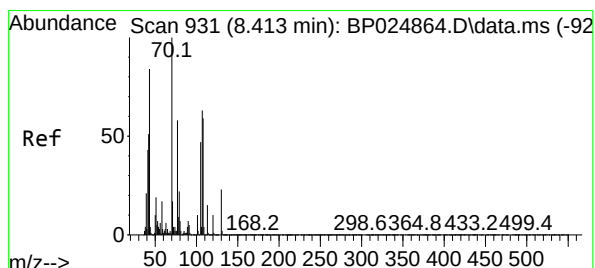
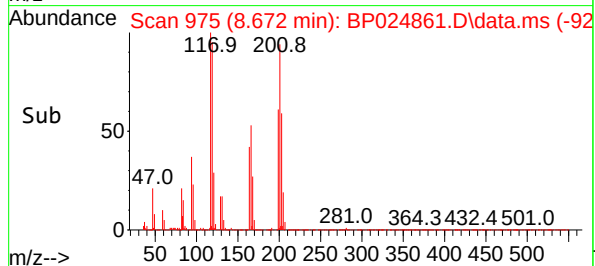
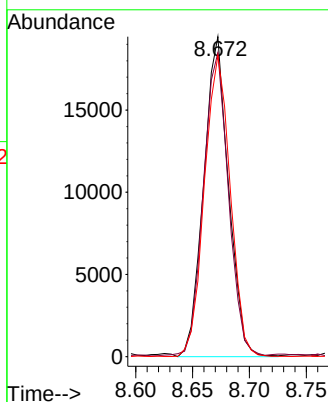
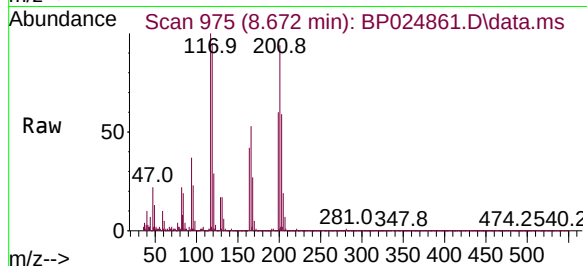
#18
Hexachloroethane
Concen: 5.132 ng
RT: 8.672 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:117 Resp: 2957
Ion Ratio Lower Upper
117 100
119 95.0 79.4 119.2
201 94.1 81.4 122.2

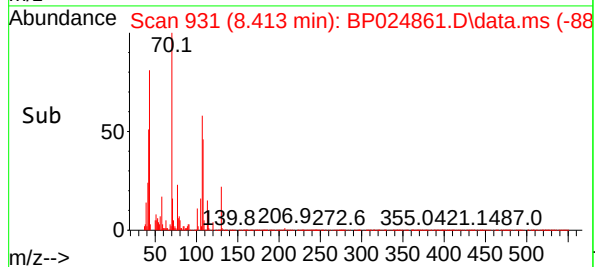
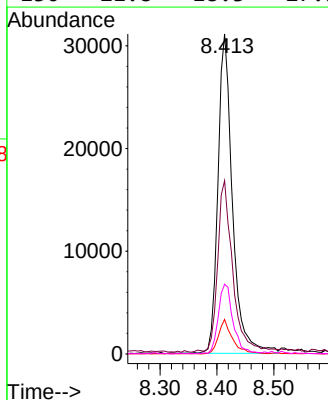
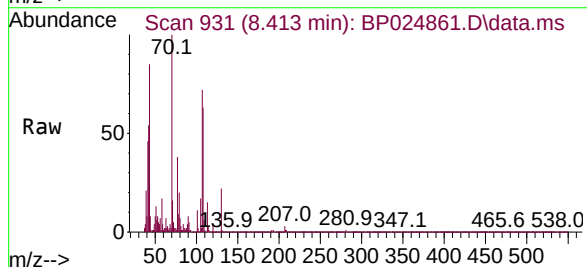
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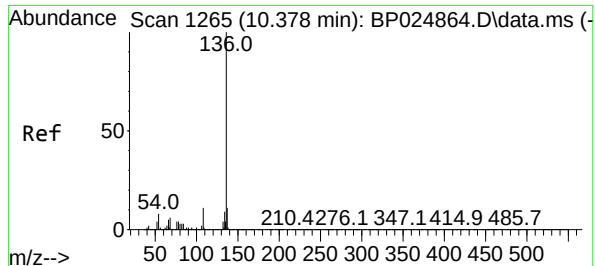
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#19
n-Nitroso-di-n-propylamine
Concen: 5.108 ng
RT: 8.413 min Scan# 931
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 70 Resp: 55096
Ion Ratio Lower Upper
70 100
42 54.1 41.2 61.8
101 10.8 8.3 12.5
130 21.8 18.3 27.5





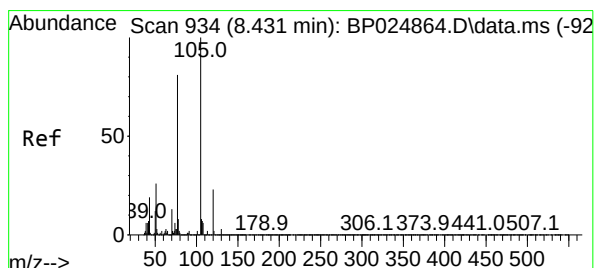
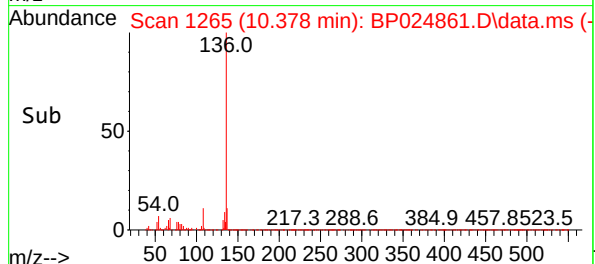
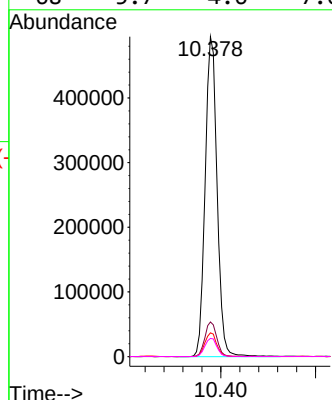
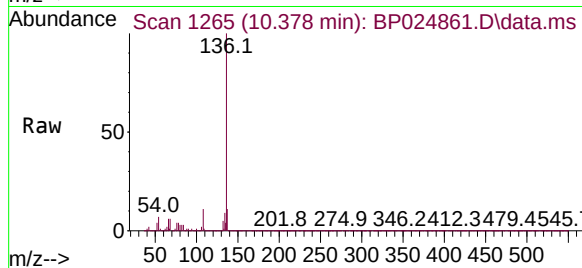
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 86318
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.4 6.1 9.1
68 5.7 4.6 7.0

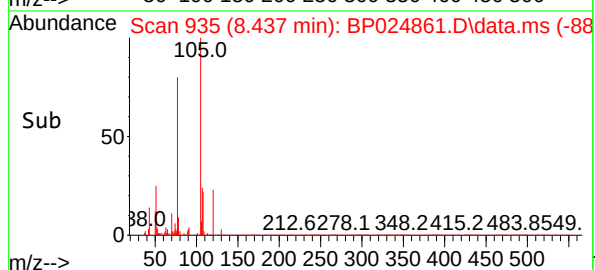
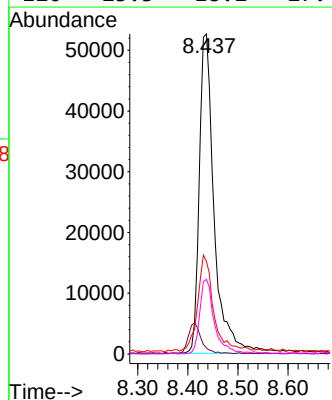
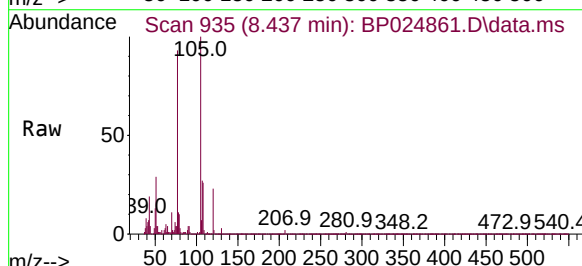
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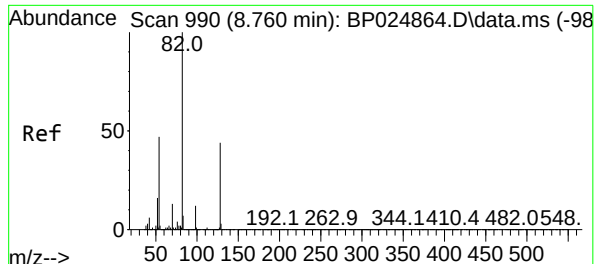
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#22
Acetophenone
Concen: 5.010 ng
RT: 8.437 min Scan# 935
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:105 Resp: 109271
Ion Ratio Lower Upper
105 100
71 1.9 1.6 2.4
51 28.9 20.6 31.0
120 23.3 18.2 27.4





#23

Nitrobenzene-d5

Concen: 9.893 ng

RT: 8.760 min Scan# 990

Delta R.T. 0.000 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion: 82 Resp: 175740

Ion Ratio Lower Upper

82 100

128 41.8 35.3 52.9

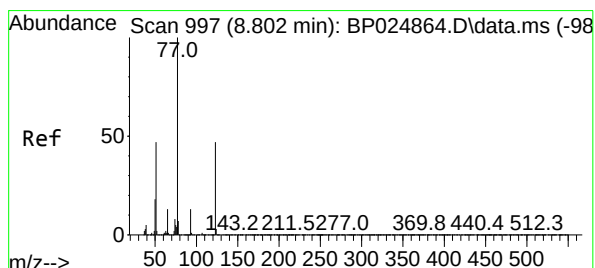
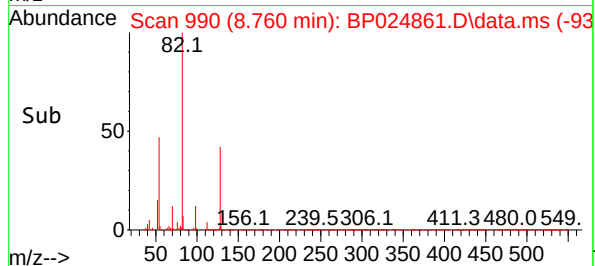
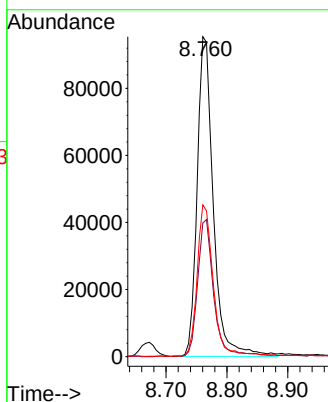
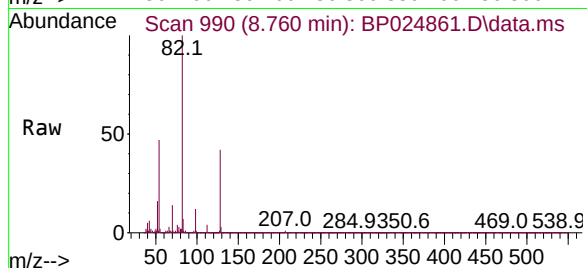
54 47.4 37.4 56.0

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#24

Nitrobenzene

Concen: 5.008 ng

RT: 8.808 min Scan# 998

Delta R.T. 0.006 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

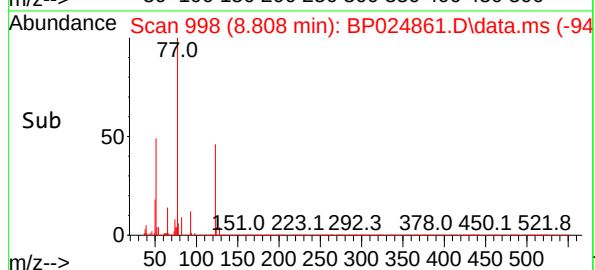
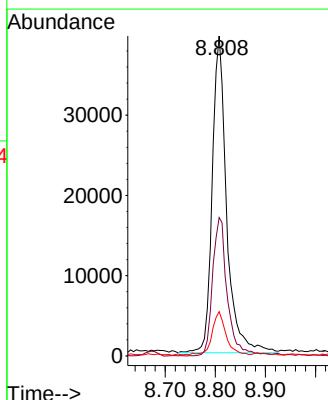
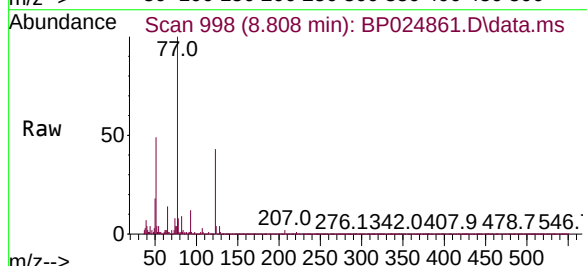
Tgt Ion: 77 Resp: 79033

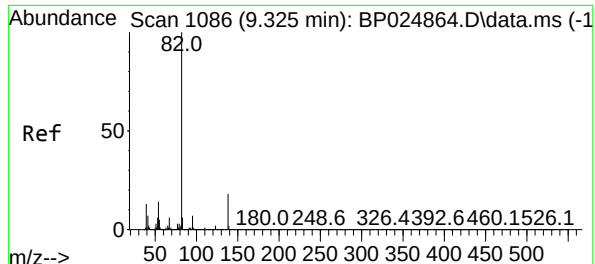
Ion Ratio Lower Upper

77 100

123 43.2 37.3 55.9

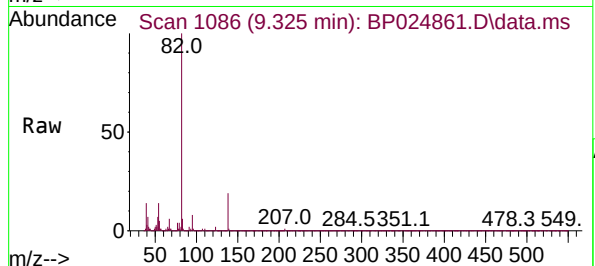
65 13.8 10.8 16.2





#25
Isophorone
Concen: 4.932 ng
RT: 9.325 min Scan# 1086
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

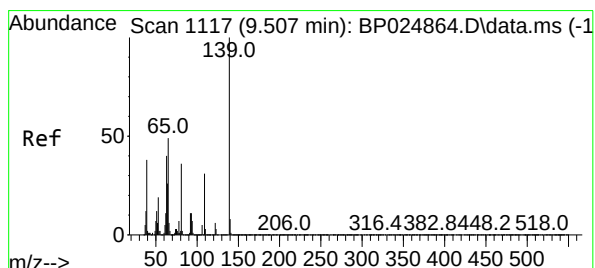
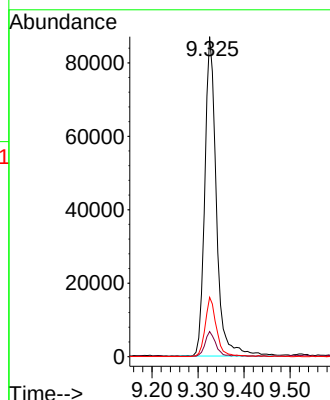
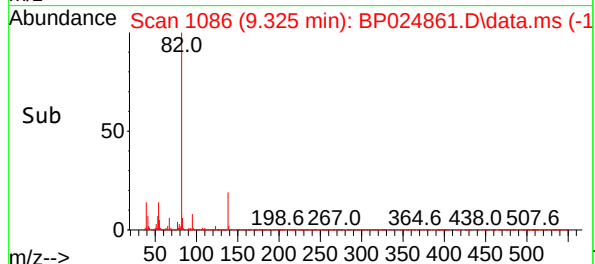
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 82 Resp: 15183
Ion Ratio Lower Upper
82 100
95 7.8 5.9 8.9
138 18.5 14.6 21.8

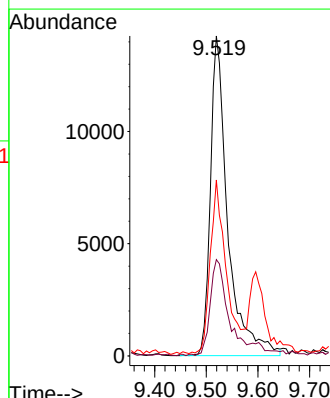
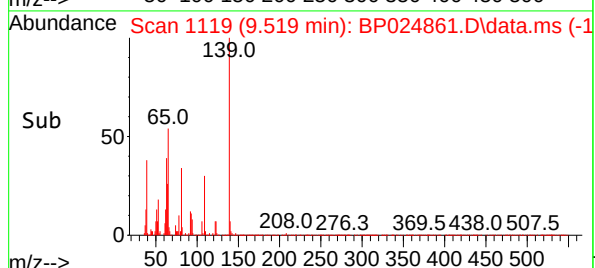
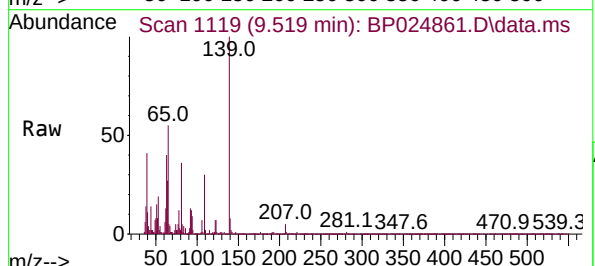
Manual Integrations
APPROVED

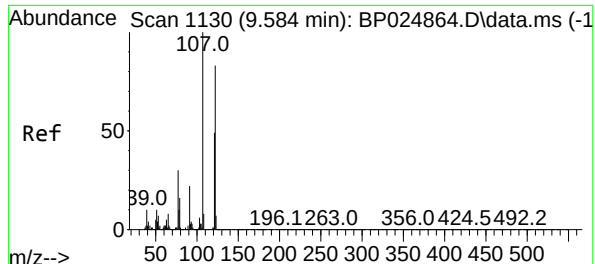
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#26
2-Nitrophenol
Concen: 4.266 ng
RT: 9.519 min Scan# 1119
Delta R.T. 0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

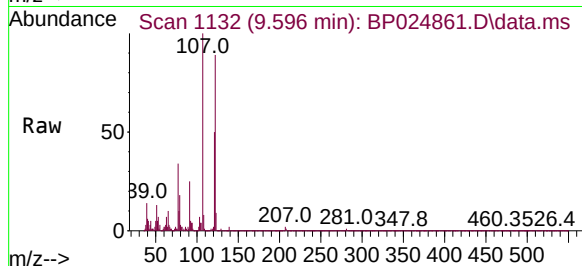
Tgt Ion:139 Resp: 33214
Ion Ratio Lower Upper
139 100
109 30.1 24.6 37.0
65 55.0 39.5 59.3





#27
2,4-Dimethylphenol
Concen: 4.759 ng
RT: 9.596 min Scan# 1132
Delta R.T. 0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

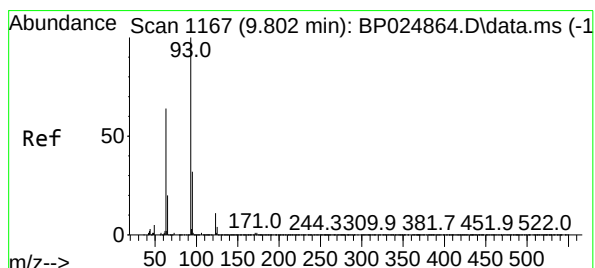
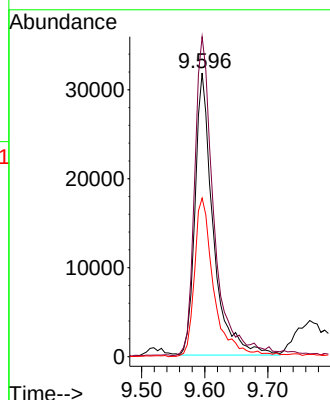
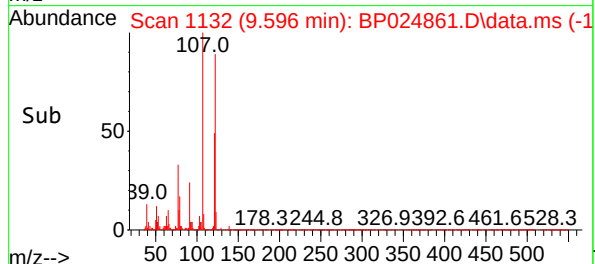
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 122 Resp: 63419
Ion Ratio Lower Upper
122 100
107 112.8 96.2 144.4
121 55.9 47.0 70.4

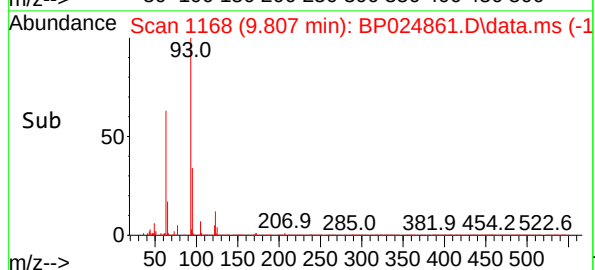
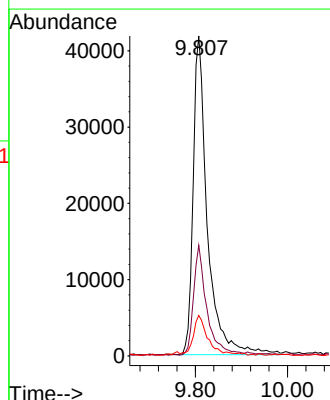
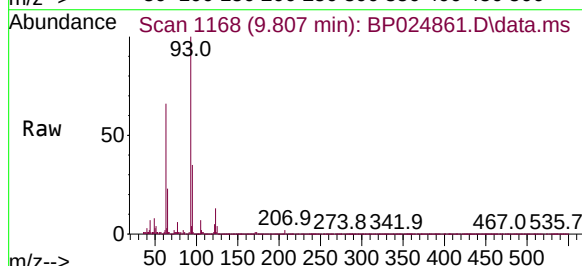
Manual Integrations
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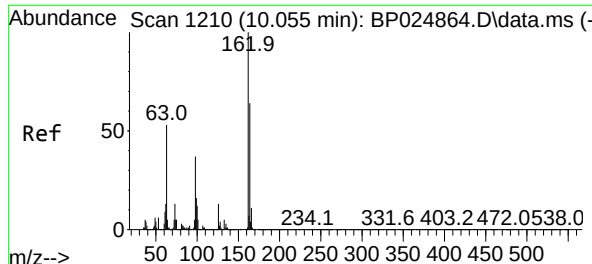
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#28
bis(2-Chloroethoxy)methane
Concen: 4.862 ng
RT: 9.807 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 93 Resp: 89295
Ion Ratio Lower Upper
93 100
95 34.6 25.5 38.3
123 12.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 4.158 ng

RT: 10.090 min Scan# 1210

Delta R.T. 0.035 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:162 Resp: 53164

Ion Ratio Lower Upper

162 100

164 59.1 44.0 84.0

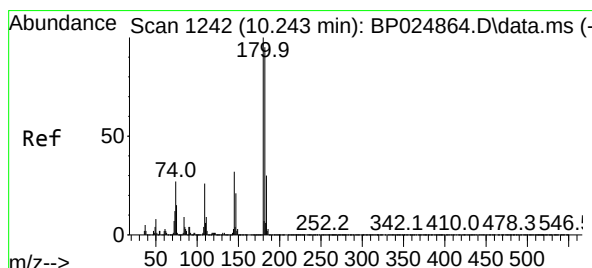
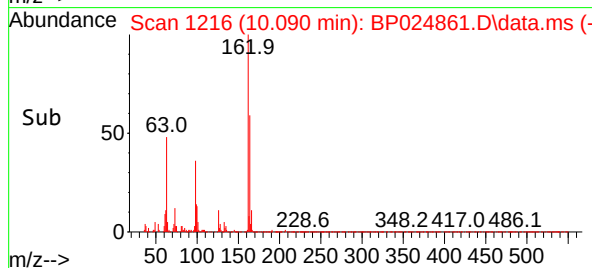
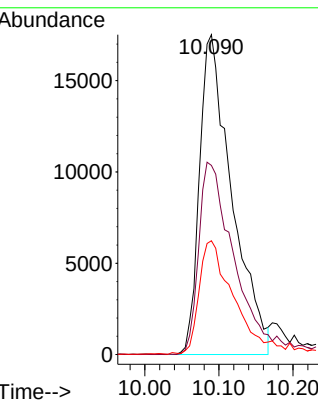
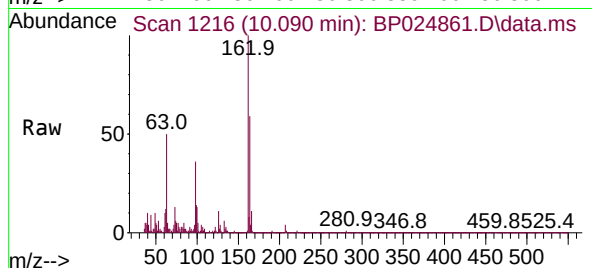
98 35.6 16.9 56.9

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#30

1,2,4-Trichlorobenzene

Concen: 5.018 ng

RT: 10.249 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

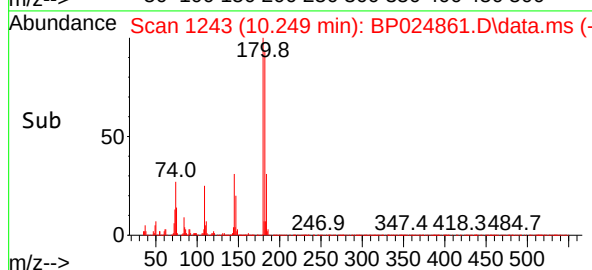
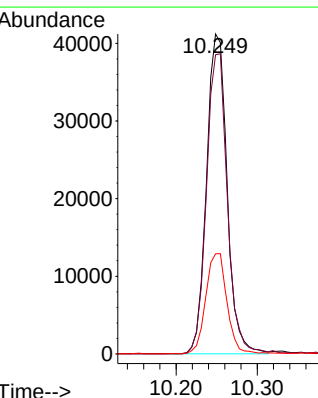
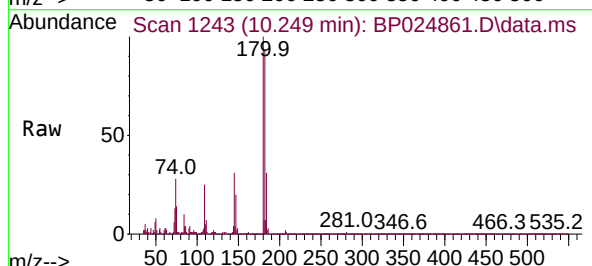
Tgt Ion:180 Resp: 72373

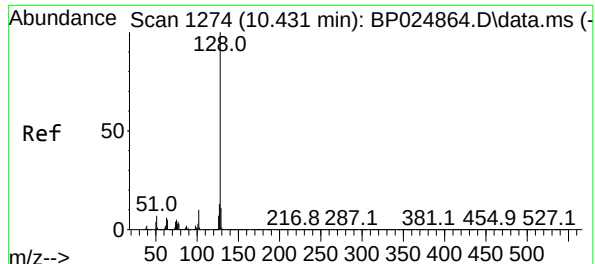
Ion Ratio Lower Upper

180 100

182 93.5 75.8 113.6

145 31.3 25.7 38.5





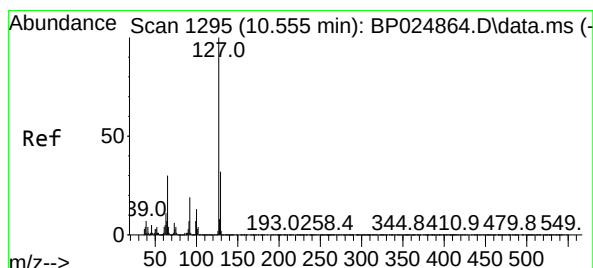
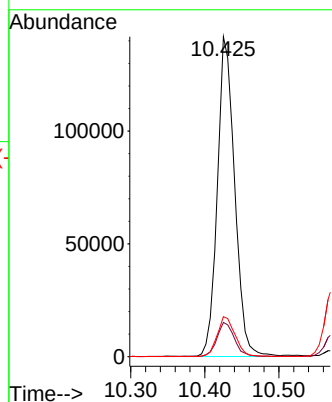
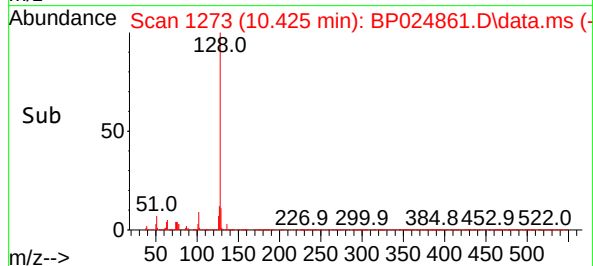
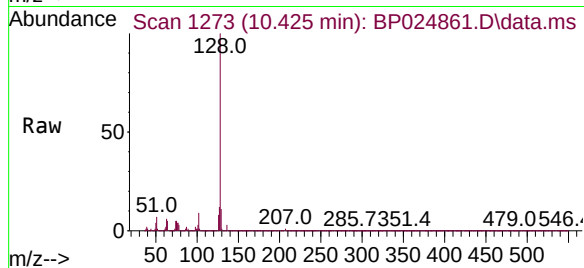
#31
Naphthalene
Concen: 5.223 ng
RT: 10.425 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 231024
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.5 10.7 16.1

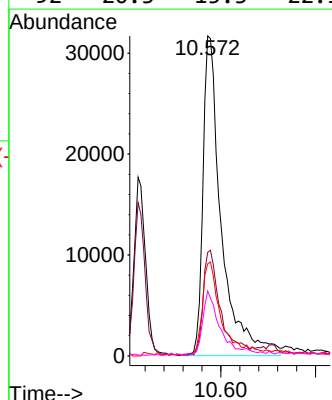
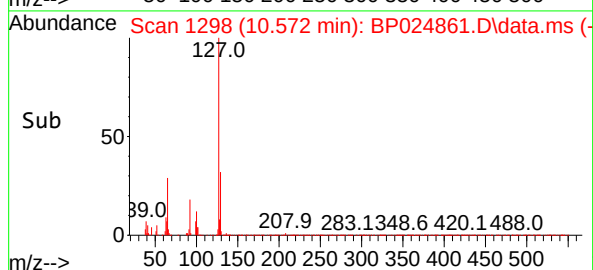
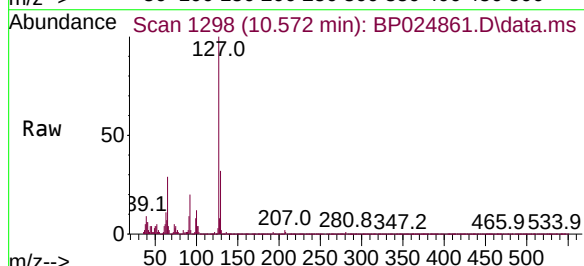
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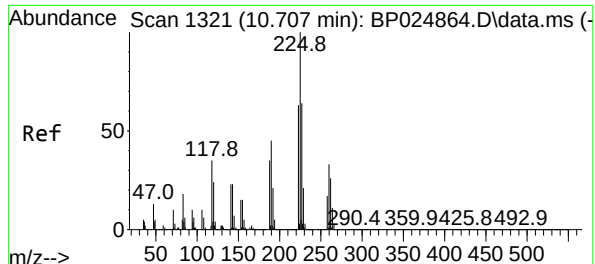
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#33
4-Chloroaniline
Concen: 4.622 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.018 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:127 Resp: 85657
Ion Ratio Lower Upper
127 100
129 32.4 25.9 38.9
65 28.8 23.9 35.9
92 20.3 15.3 22.9





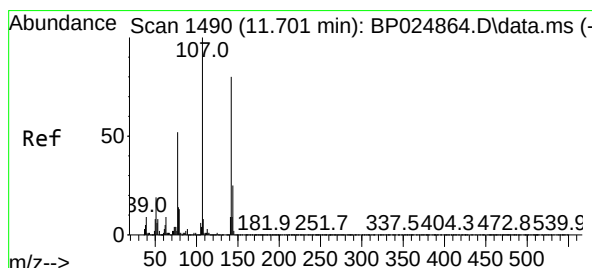
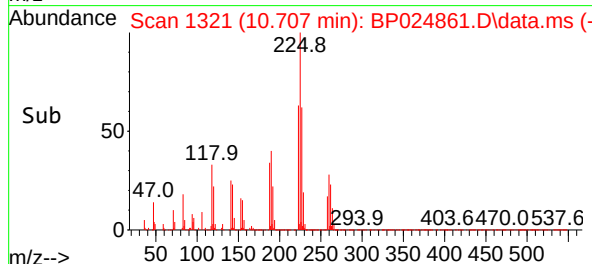
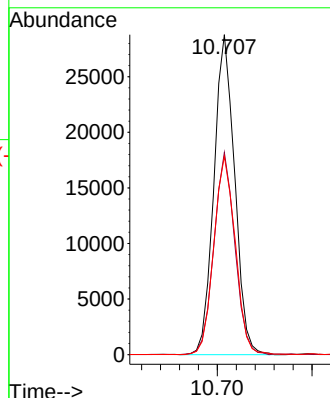
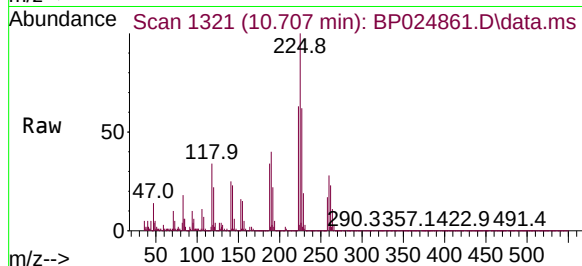
#34
Hexachlorobutadiene
Concen: 5.044 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 225 Resp: 43845
Ion Ratio Lower Upper
225 100
223 63.2 50.5 75.7
227 62.0 51.4 77.2

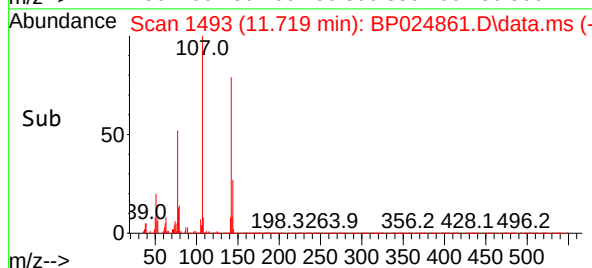
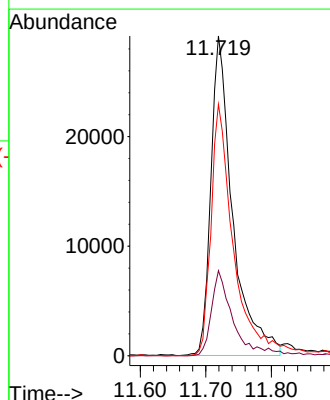
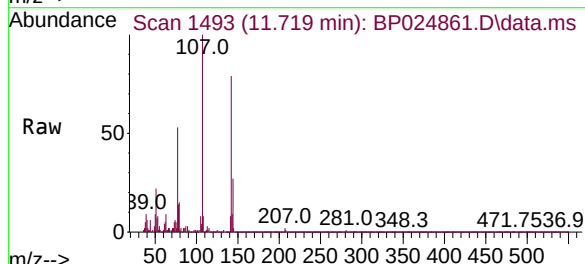
Manual Integrations
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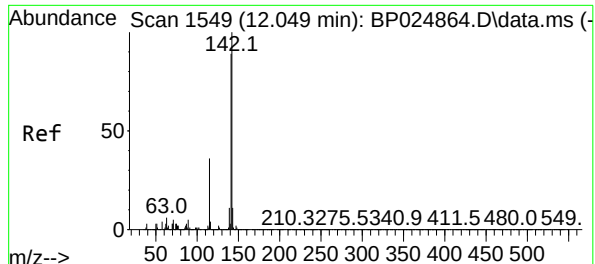
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#36
4-Chloro-3-methylphenol
Concen: 4.569 ng
RT: 11.719 min Scan# 1493
Delta R.T. 0.018 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

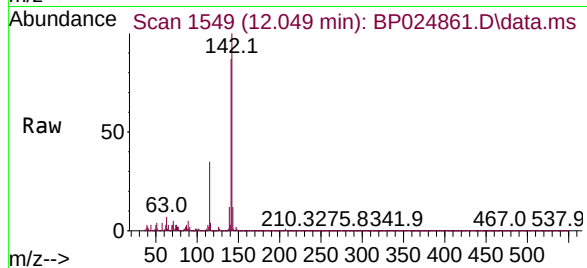
Tgt Ion: 107 Resp: 67386
Ion Ratio Lower Upper
107 100
144 26.6 20.4 30.6
142 78.6 63.8 95.6





#37
2-Methylnaphthalene
Concen: 5.070 ng
RT: 12.049 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

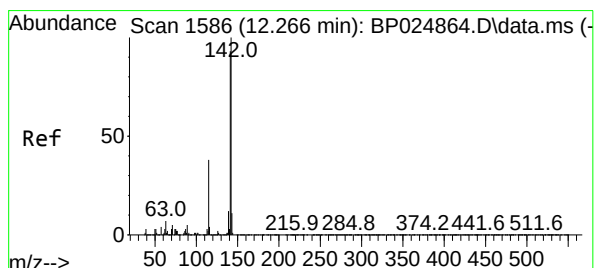
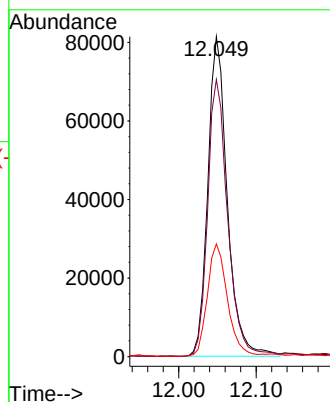
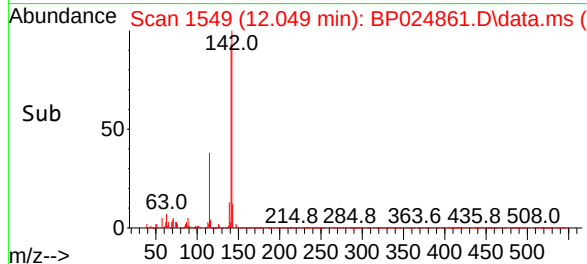
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



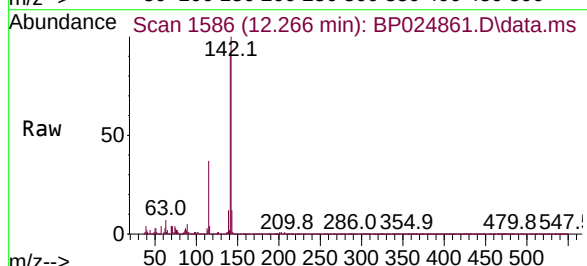
Tgt Ion:142 Resp: 142250
Ion Ratio Lower Upper
142 100
141 86.6 71.2 106.8
115 35.2 28.5 42.7

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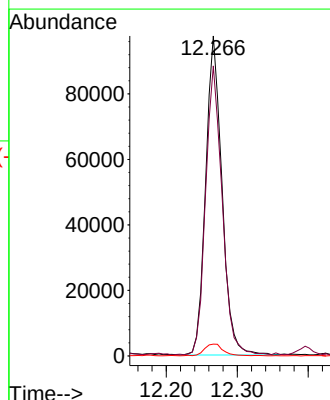
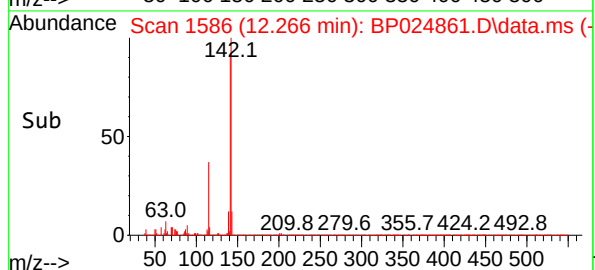
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

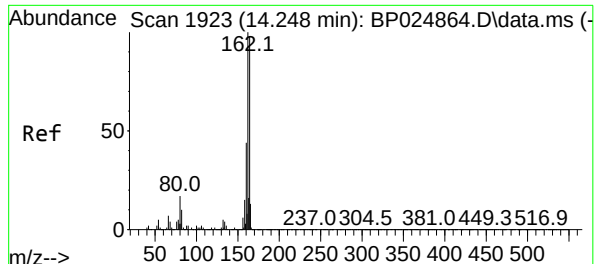


#38
1-Methylnaphthalene
Concen: 5.178 ng
RT: 12.266 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11



Tgt Ion:142 Resp: 155333
Ion Ratio Lower Upper
142 100
141 90.6 74.7 112.1
116 3.7 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.248 min Scan# 1923

Delta R.T. 0.000 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:164 Resp: 56724

Ion Ratio Lower Upper

164 100

162 101.9 81.6 122.4

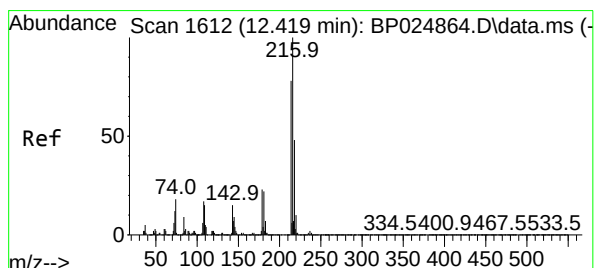
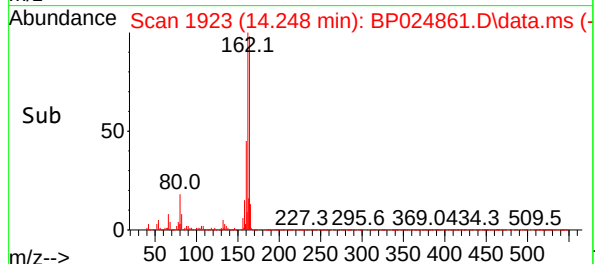
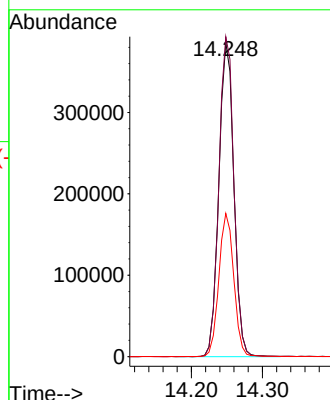
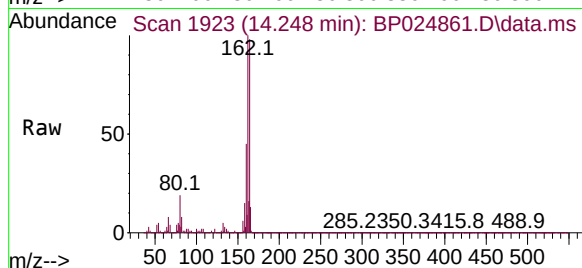
160 45.6 36.2 54.2

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.008 ng

RT: 12.425 min Scan# 1613

Delta R.T. 0.006 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Tgt Ion:216 Resp: 80613

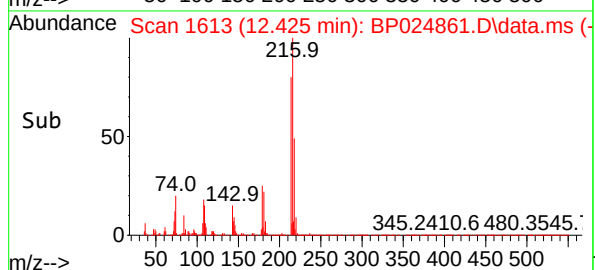
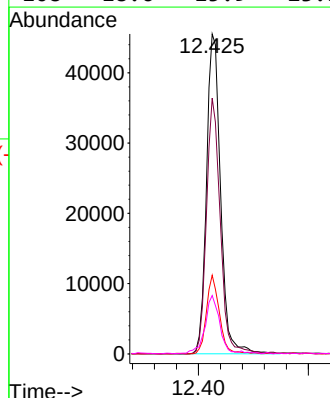
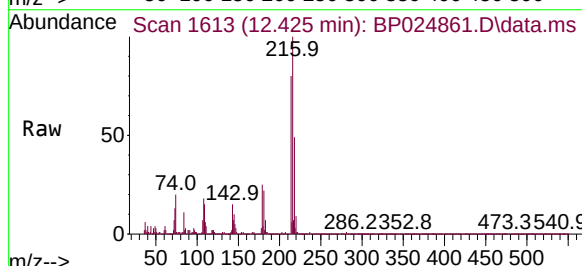
Ion Ratio Lower Upper

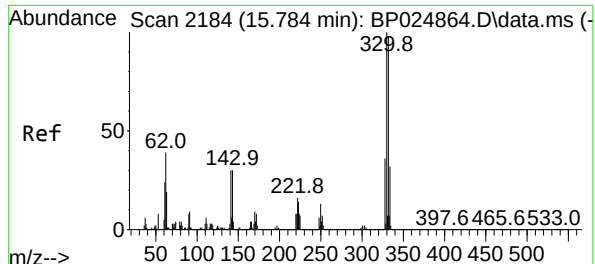
216 100

214 78.4 63.0 94.4

179 22.8 17.8 26.6

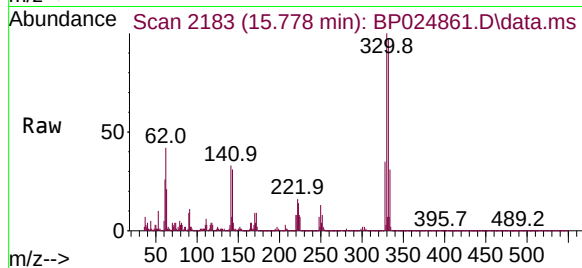
108 18.6 15.9 23.9





#42
2,4,6-Tribromophenol
Concen: 9.274 ng
RT: 15.778 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

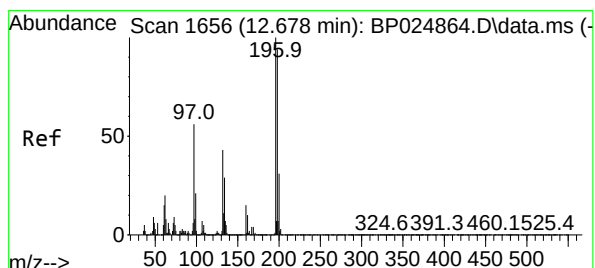
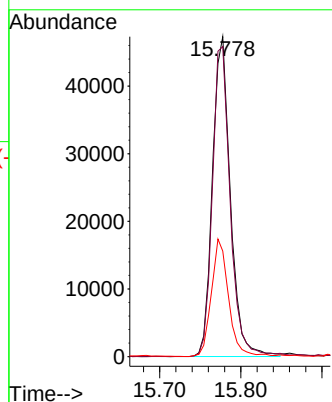
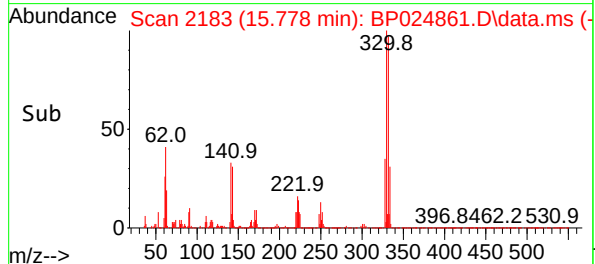
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 330 Resp: 7272
Ion Ratio Lower Upper
330 100
332 97.3 77.7 116.5
141 35.4 26.4 39.6

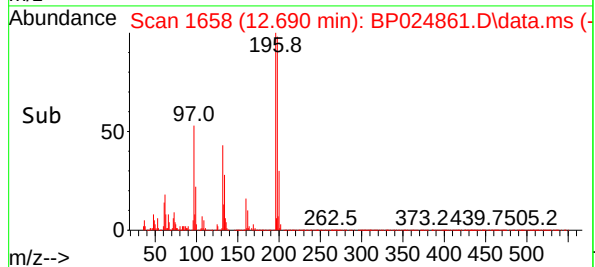
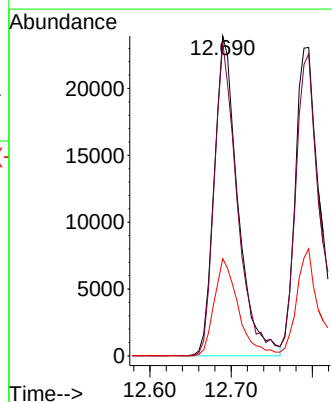
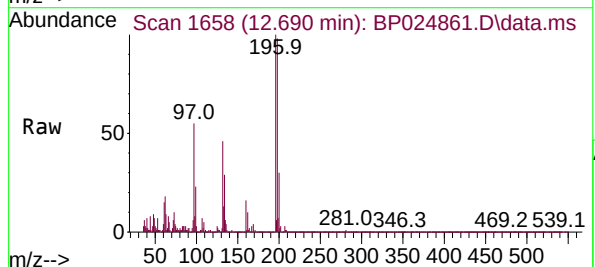
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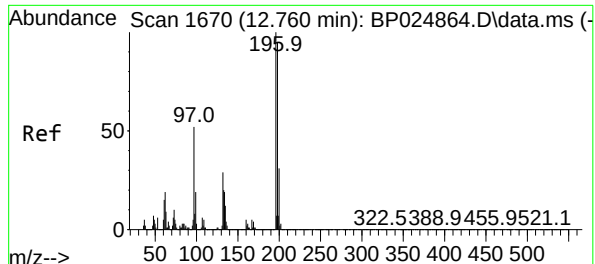
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#43
2,4,6-Trichlorophenol
Concen: 4.487 ng
RT: 12.690 min Scan# 1658
Delta R.T. 0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

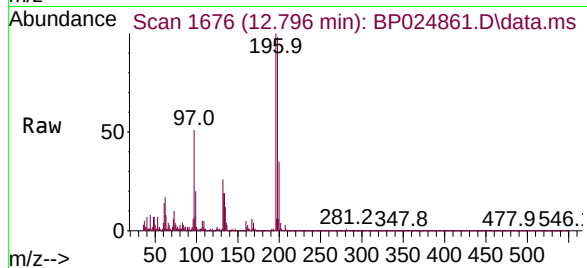
Tgt Ion: 196 Resp: 48501
Ion Ratio Lower Upper
196 100
198 98.0 75.4 113.0
200 30.4 24.4 36.6





#44
2,4,5-Trichlorophenol
Concen: 4.269 ng
RT: 12.796 min Scan# 1676
Delta R.T. 0.035 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

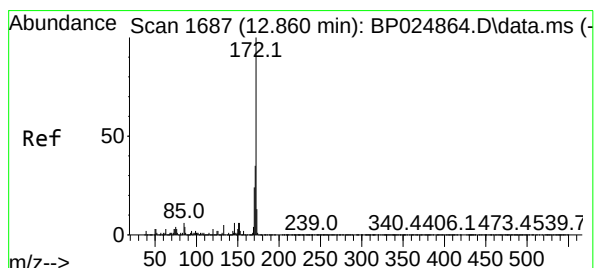
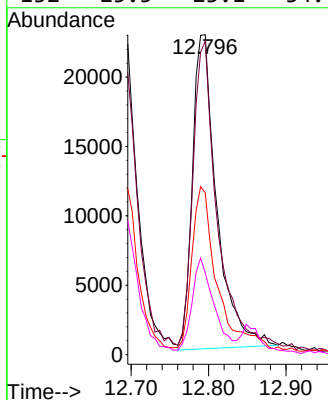
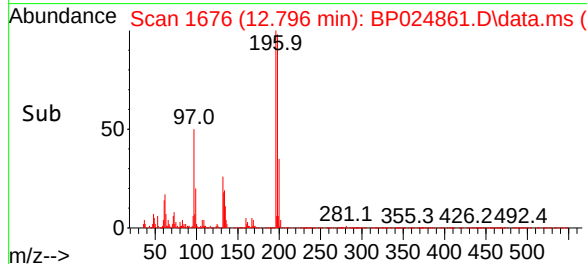
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:196 Resp: 4942
Ion Ratio Lower Upper
196 100
198 97.9 76.0 114.0
97 50.6 41.5 62.3
132 25.5 23.1 34.7

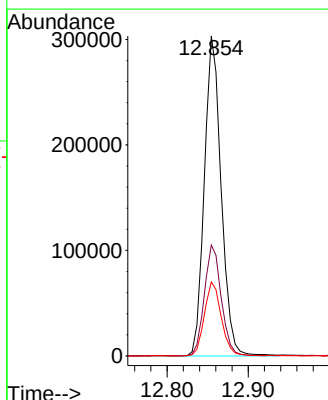
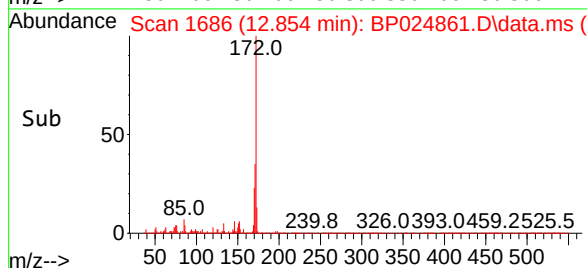
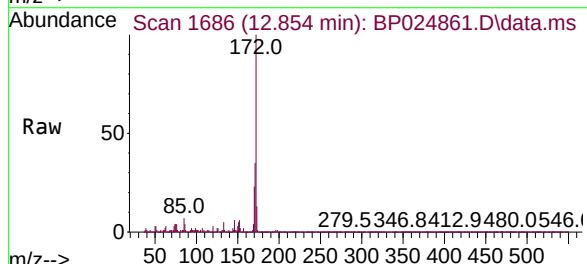
Manual Integrations
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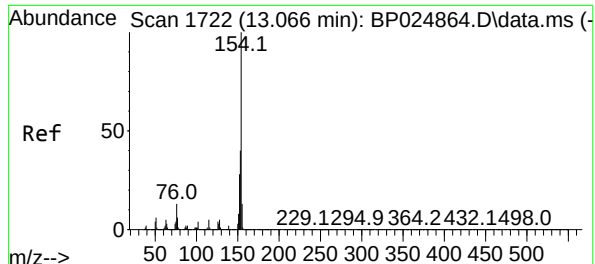
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#45
2-Fluorobiphenyl
Concen: 10.390 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:172 Resp: 437483
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.1 19.0 28.4





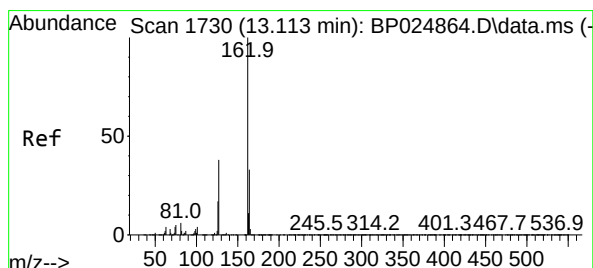
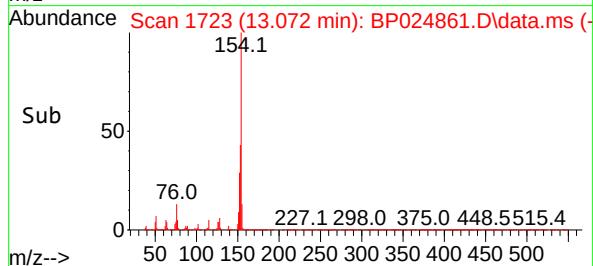
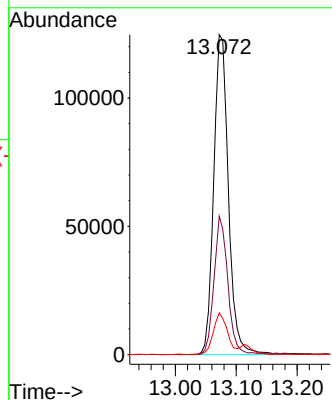
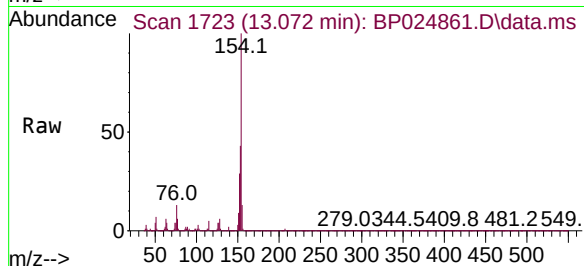
#46
1,1'-Biphenyl
Concen: 5.082 ng
RT: 13.072 min Scan# 1722
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 209483
Ion Ratio Lower Upper
154 100
153 43.2 20.3 60.3
76 13.0 0.0 33.0

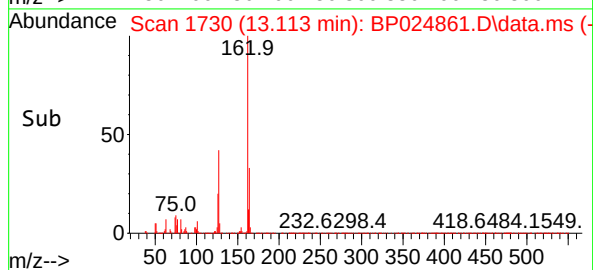
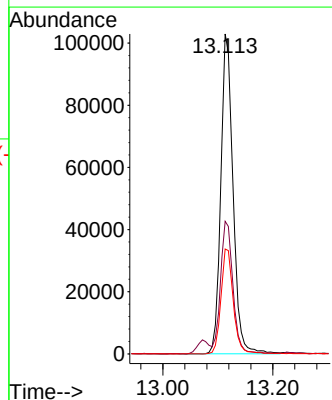
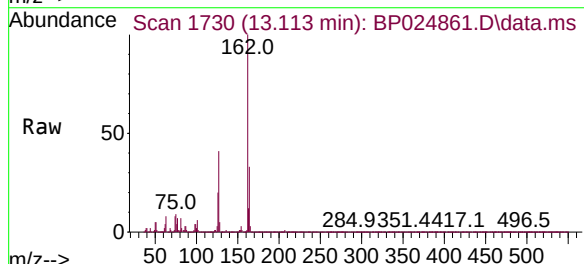
Manual Integrations
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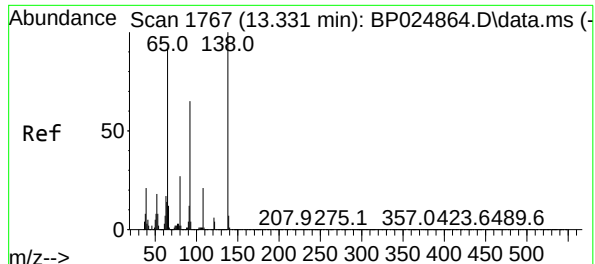
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#47
2-Chloronaphthalene
Concen: 5.026 ng
RT: 13.113 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

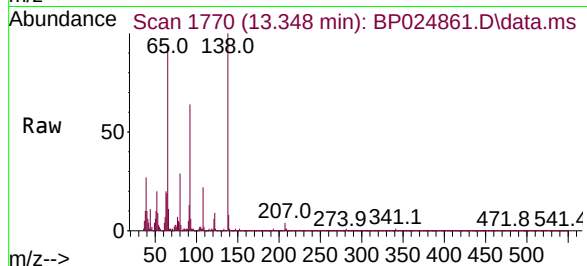
Tgt Ion:162 Resp: 159251
Ion Ratio Lower Upper
162 100
127 41.4 32.5 48.7
164 32.8 26.2 39.2





#48
2-Nitroaniline
Concen: 4.207 ng
RT: 13.348 min Scan# 1767
Delta R.T. 0.018 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

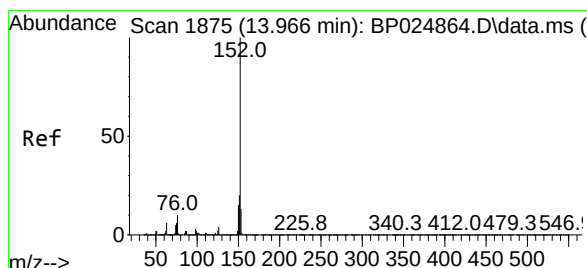
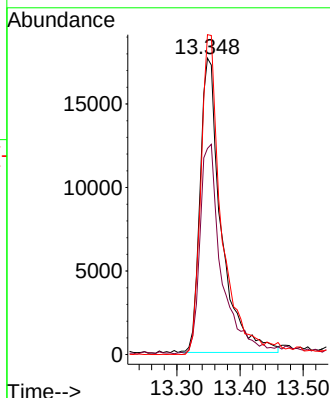
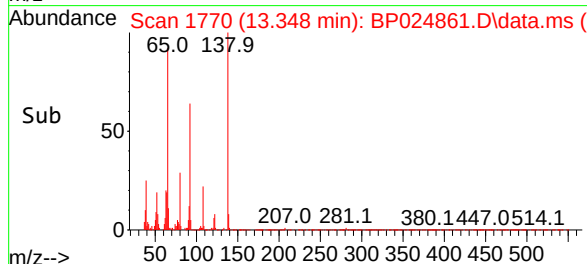
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 65 Resp: 40981
Ion Ratio Lower Upper
65 100
92 69.6 56.8 85.2
138 107.9 86.9 130.3

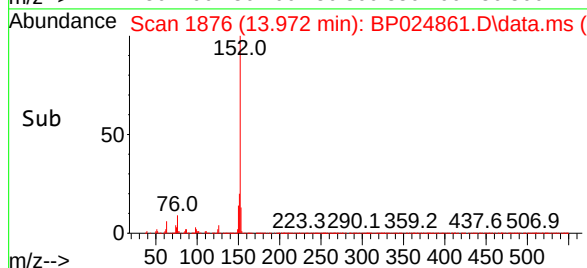
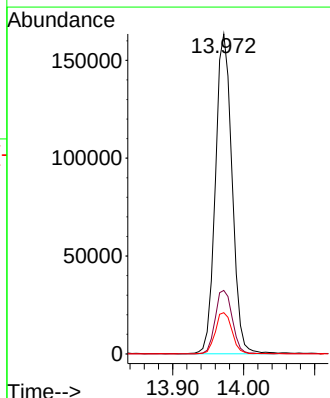
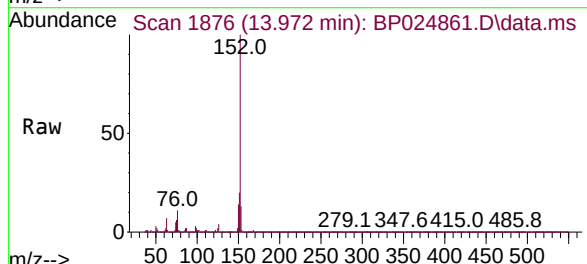
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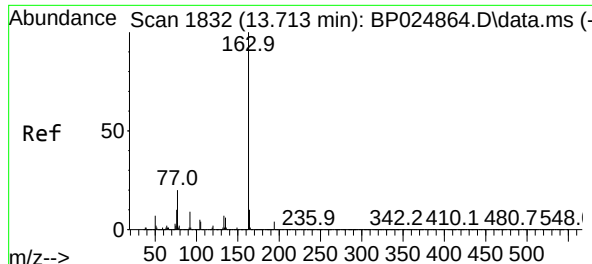
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#49
Acenaphthylene
Concen: 5.047 ng
RT: 13.972 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:152 Resp: 266639
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 12.9 10.6 15.8





#50

Dimethylphthalate

Concen: 5.136 ng

RT: 13.713 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:163 Resp: 214893

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

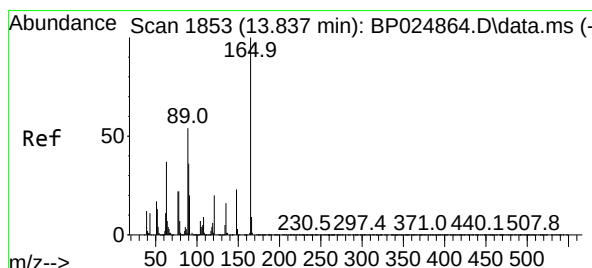
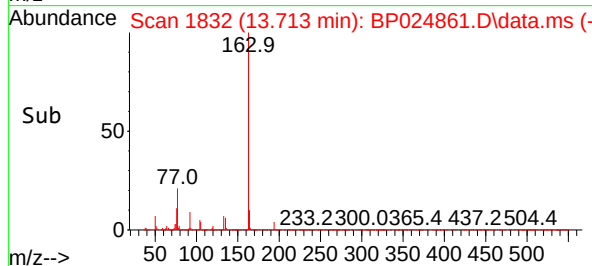
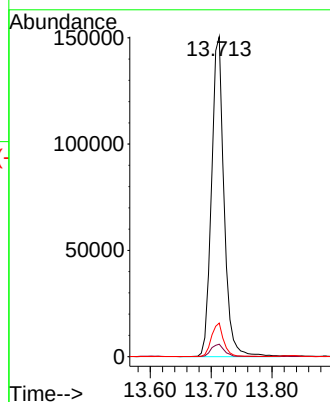
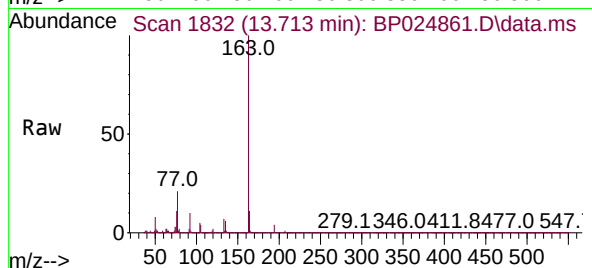
164 10.5 8.0 12.0

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#51

2,6-Dinitrotoluene

Concen: 4.693 ng

RT: 13.831 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

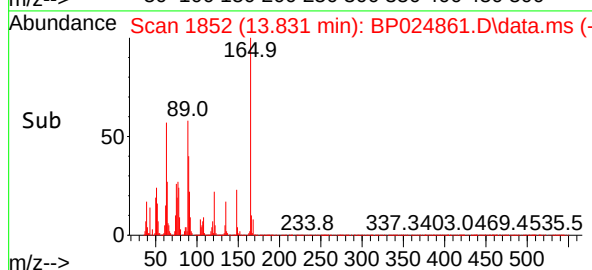
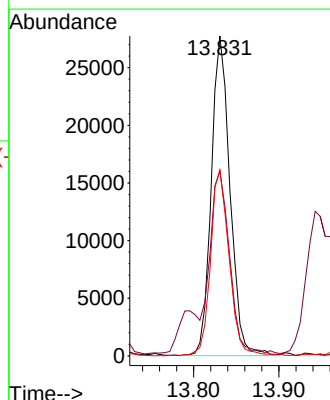
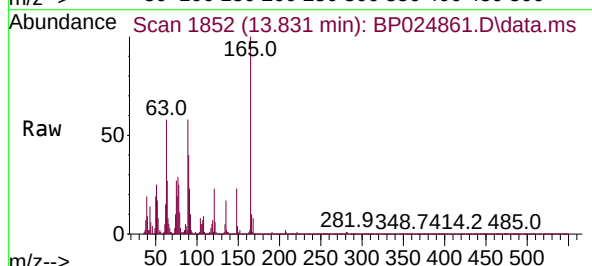
Tgt Ion:165 Resp: 42335

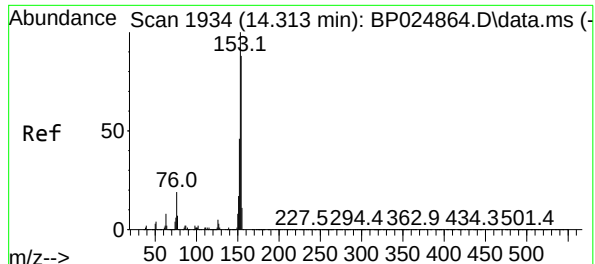
Ion Ratio Lower Upper

165 100

63 57.7 41.8 62.8

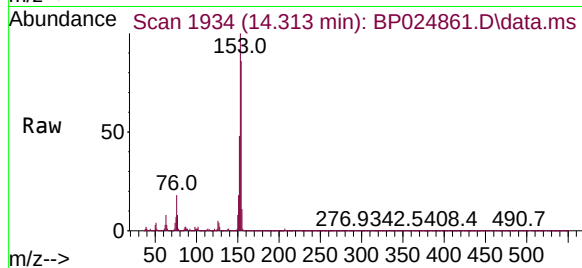
89 58.1 43.1 64.7





#52
Acenaphthene
Concen: 5.181 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

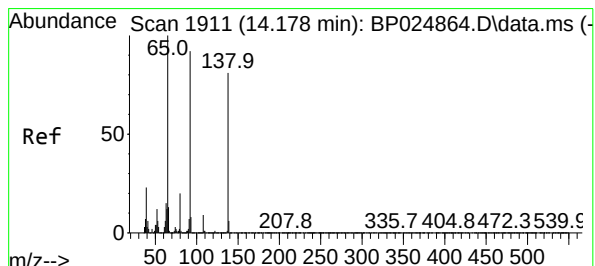
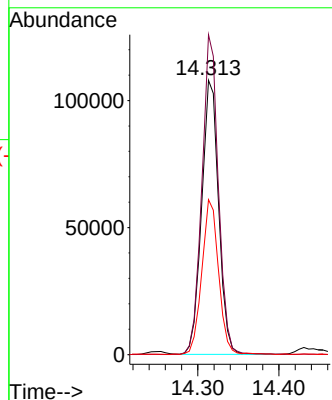
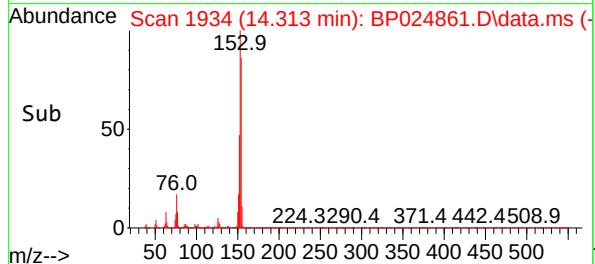
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



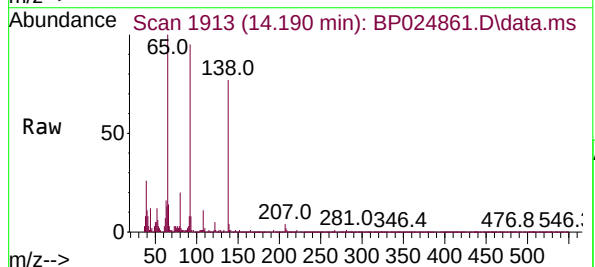
Tgt Ion:154 Resp: 156832
Ion Ratio Lower Upper
154 100
153 116.7 90.5 135.7
152 56.5 42.1 63.1

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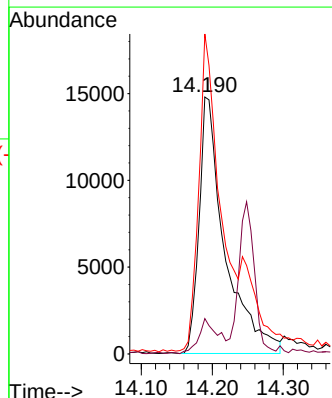
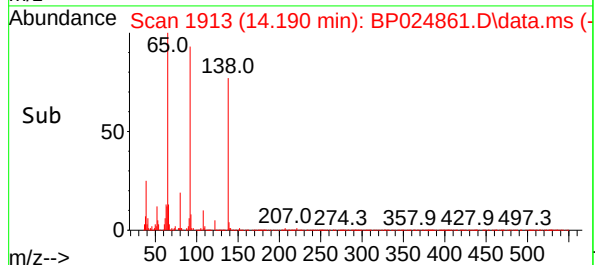
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

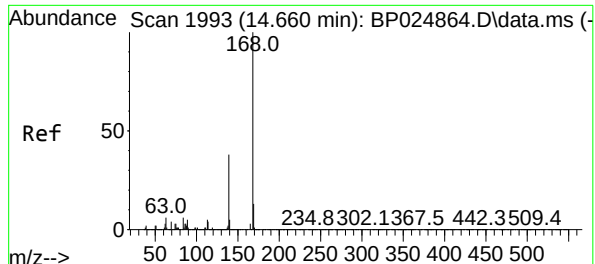


#53
3-Nitroaniline
Concen: 3.983 ng
RT: 14.190 min Scan# 1913
Delta R.T. 0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11



Tgt Ion:138 Resp: 37288
Ion Ratio Lower Upper
138 100
108 13.8 8.6 12.8#
92 124.5 91.3 136.9





#55

Dibenzenofuran

Concen: 5.297 ng

RT: 14.660 min Scan# 1993

Delta R.T. -0.000 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:168 Resp: 25737

Ion Ratio Lower Upper

168 100

139 39.6 31.6 47.4

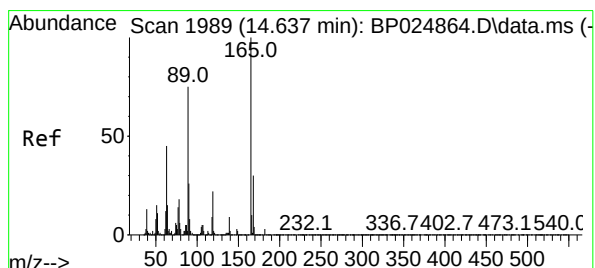
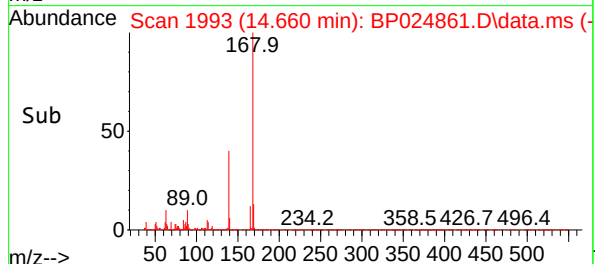
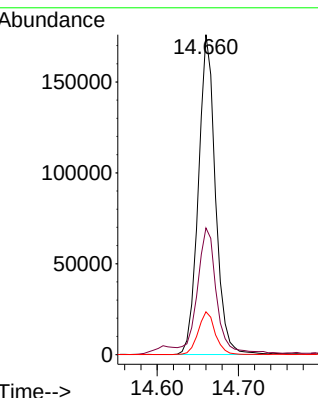
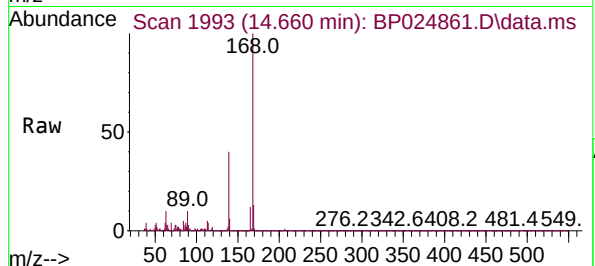
169 13.4 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#57

2,4-Dinitrotoluene

Concen: 4.387 ng

RT: 14.648 min Scan# 1991

Delta R.T. 0.011 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Tgt Ion:165 Resp: 55352

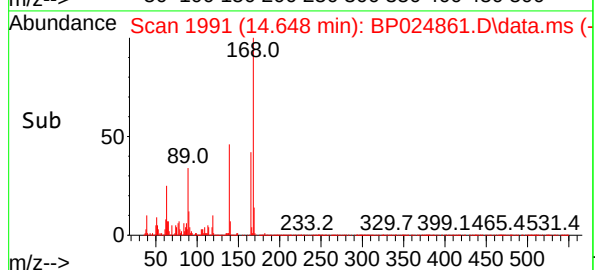
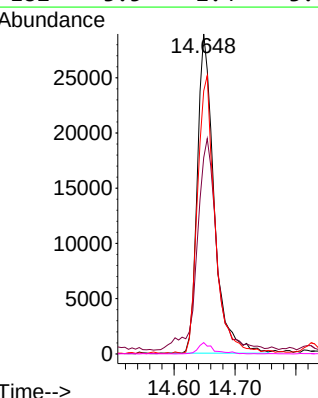
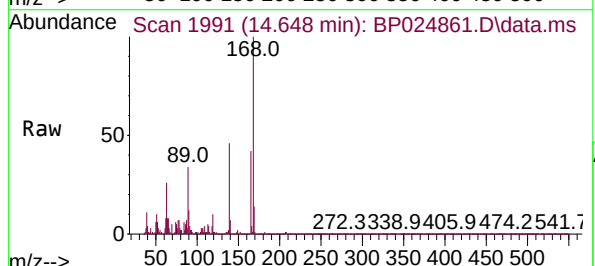
Ion Ratio Lower Upper

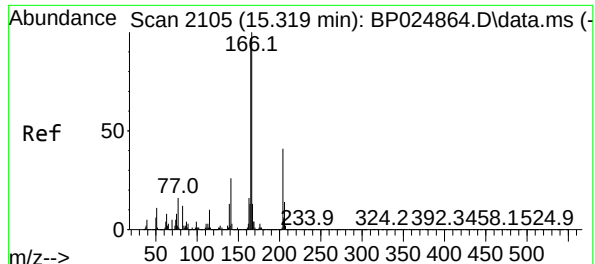
165 100

63 61.3 37.0 55.6

89 82.2 60.1 90.1

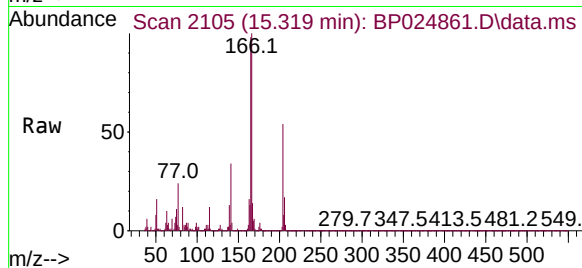
182 3.5 2.4 3.6





#58
Fluorene
Concen: 5.192 ng
RT: 15.319 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

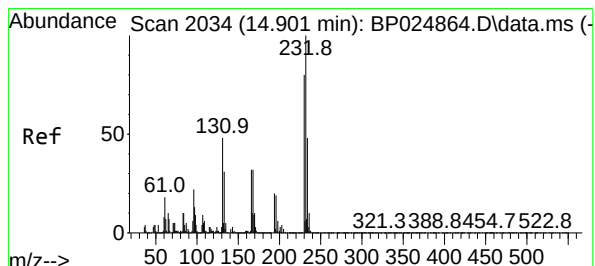
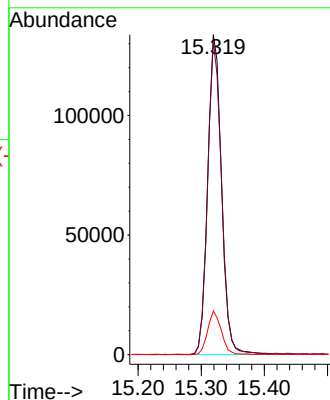
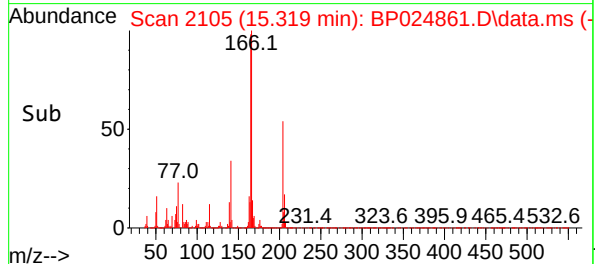
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:166 Resp: 203802
Ion Ratio Lower Upper
166 100
165 98.0 77.7 116.5
167 13.6 10.6 16.0

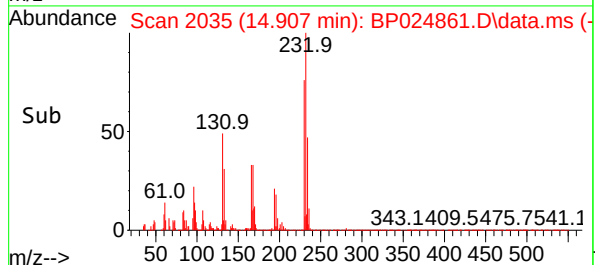
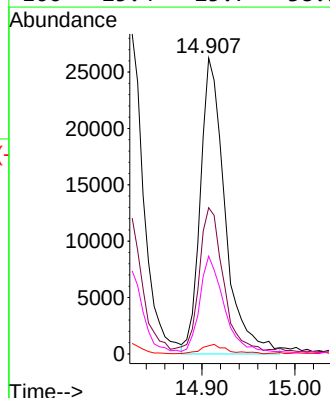
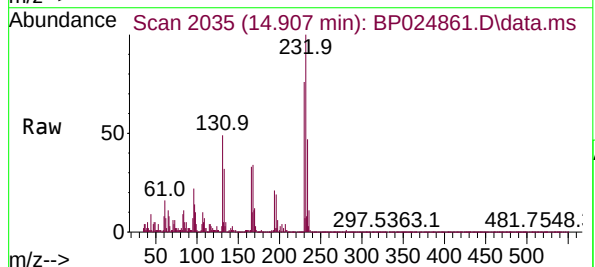
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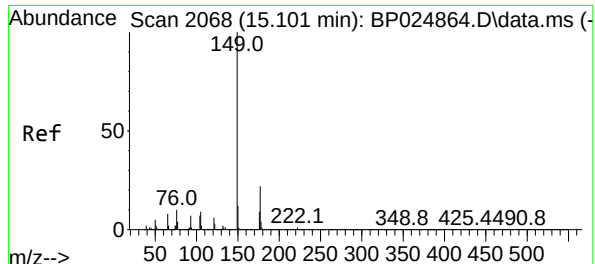
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.699 ng m
RT: 14.907 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:232 Resp: 48686
Ion Ratio Lower Upper
232 100
131 40.2 38.2 57.2
130 2.5 2.1 3.1
166 25.4 25.7 38.5#





#60
Diethylphthalate
Concen: 5.105 ng
RT: 15.090 min Scan# 2068
Delta R.T. -0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

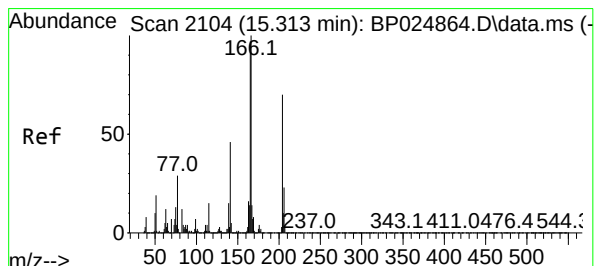
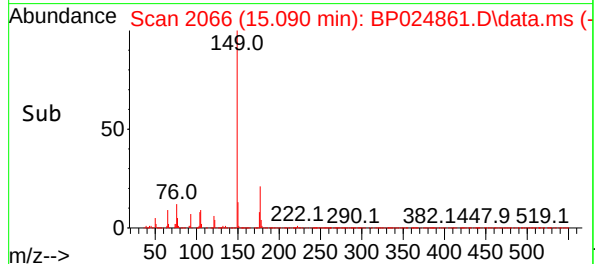
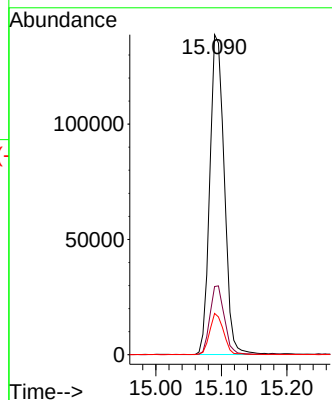
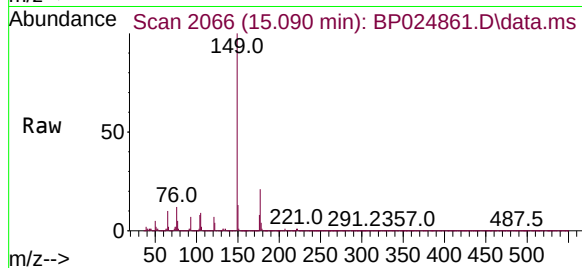
ClientSampleId :

SSTDICC005

Tgt Ion:149 Resp: 212883
Ion Ratio Lower Upper
149 100
177 21.3 17.9 26.9
150 12.9 9.8 14.6

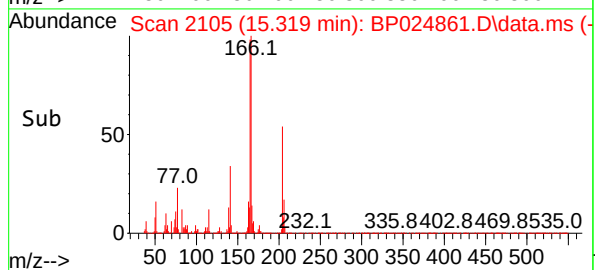
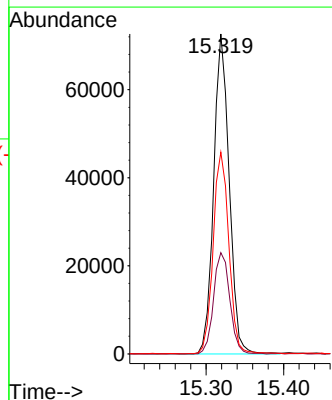
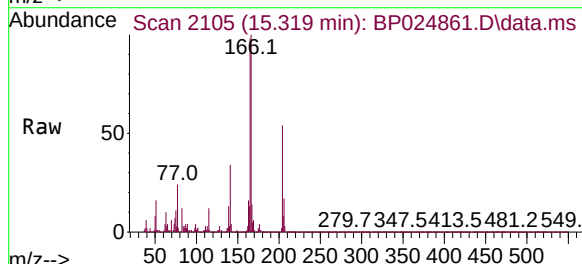
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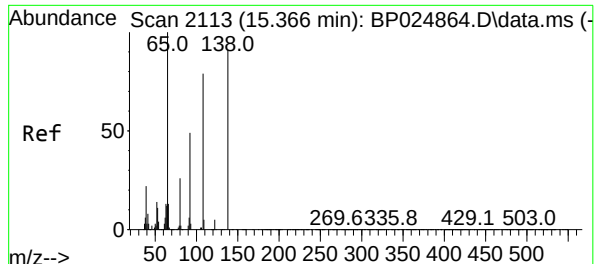
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#61
4-Chlorophenyl-phenylether
Concen: 5.254 ng
RT: 15.319 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

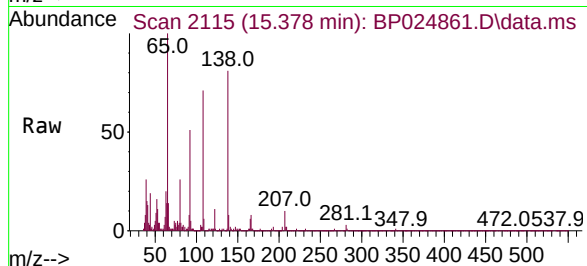
Tgt Ion:204 Resp: 100846
Ion Ratio Lower Upper
204 100
206 31.6 26.6 40.0
141 63.0 52.4 78.6





#62
4-Nitroaniline
Concen: 3.998 ng m
RT: 15.378 min Scan# 2113
Delta R.T. 0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

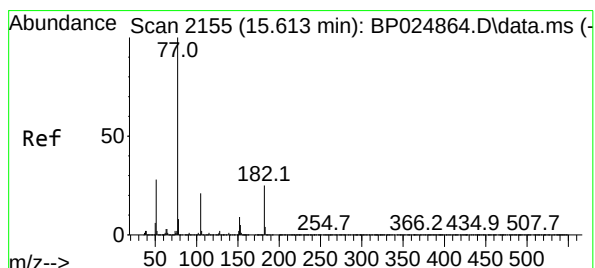
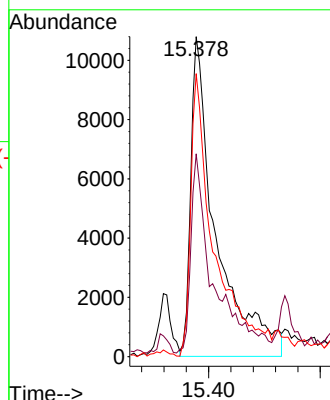
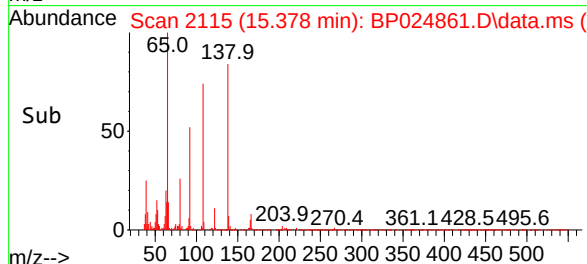
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:138 Resp: 33952
Ion Ratio Lower Upper
138 100
92 63.4 33.5 73.5
108 88.4 65.1 105.1

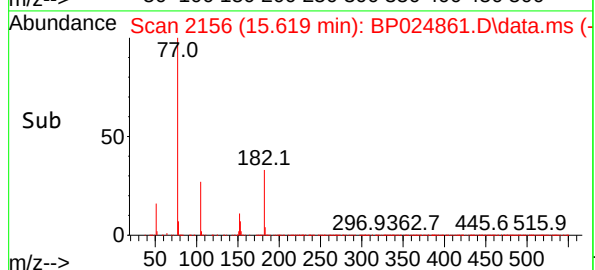
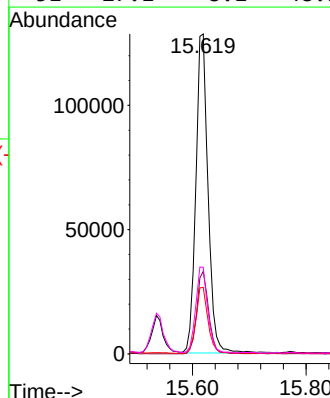
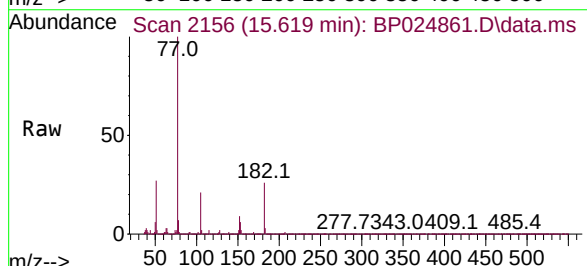
Manual Integrations
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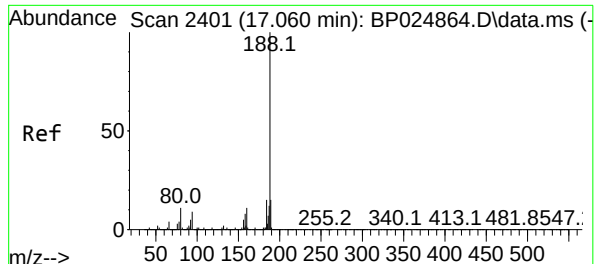
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#63
Azobenzene
Concen: 4.990 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

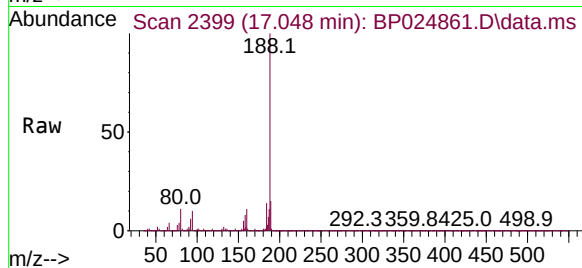
Tgt Ion: 77 Resp: 190856
Ion Ratio Lower Upper
77 100
182 25.8 5.4 45.4
105 20.8 0.8 40.8
51 27.1 8.1 48.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.048 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

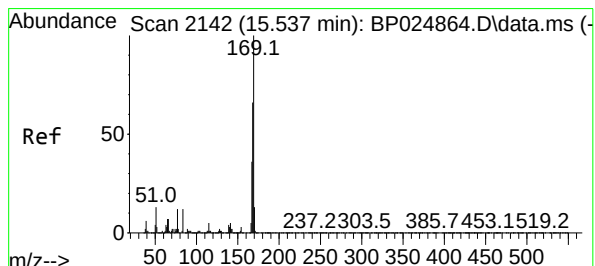
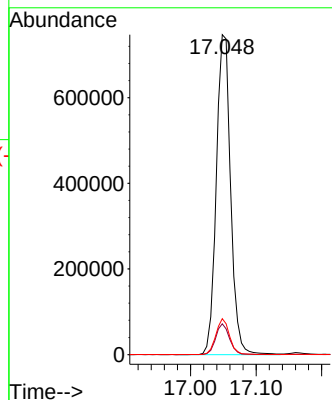
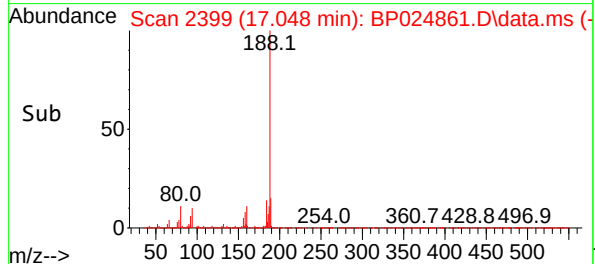
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:188 Resp: 113488
Ion Ratio Lower Upper
188 100
94 9.6 7.3 10.9
80 11.2 8.5 12.7

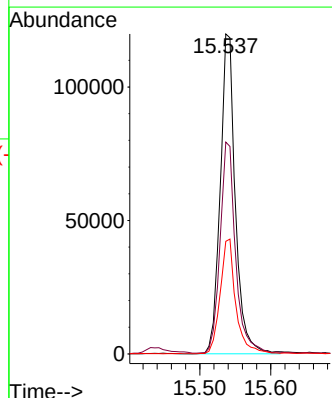
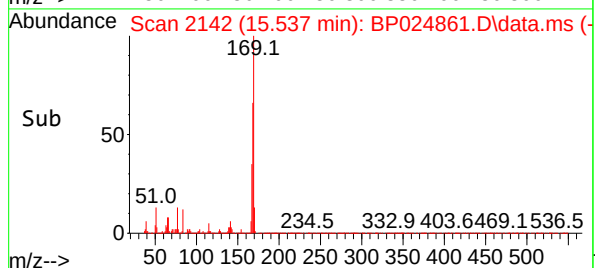
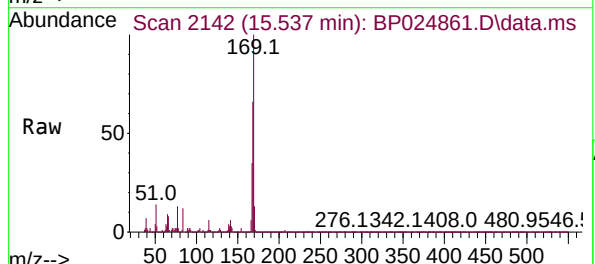
Manual Integrations
APPROVED

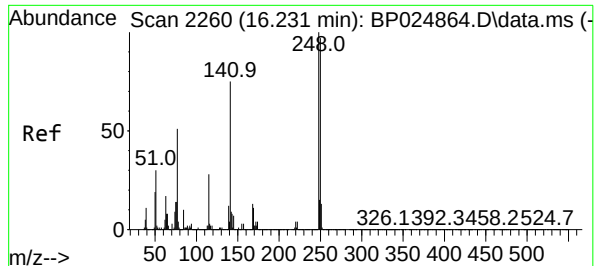
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#66
n-Nitrosodiphenylamine
Concen: 5.056 ng
RT: 15.537 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

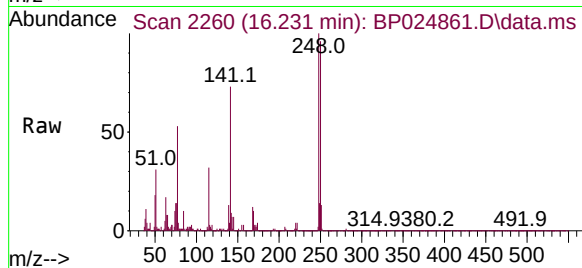
Tgt Ion:169 Resp: 177845
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.6
167 35.2 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 4.973 ng
RT: 16.231 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

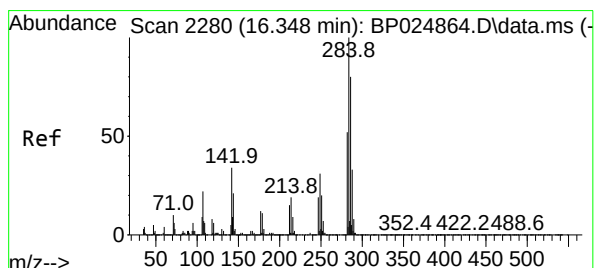
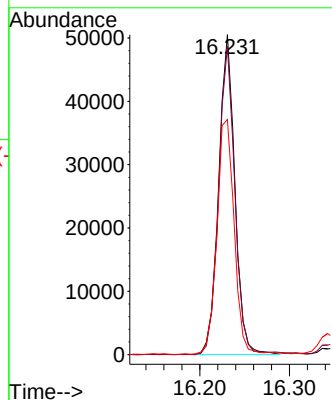
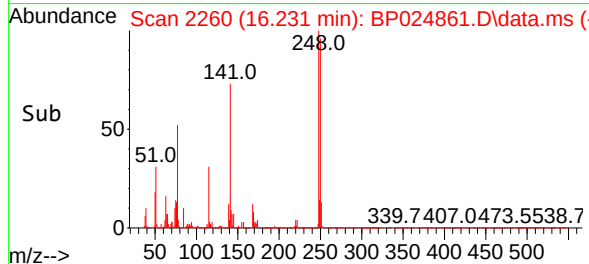
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:248 Resp: 63678
Ion Ratio Lower Upper
248 100
250 96.3 77.4 116.2
141 73.5 59.9 89.9

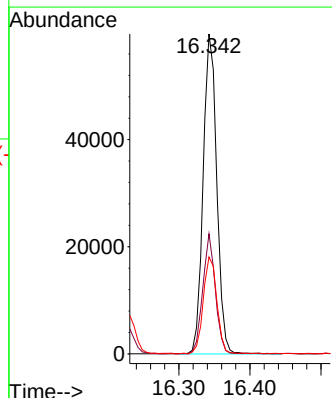
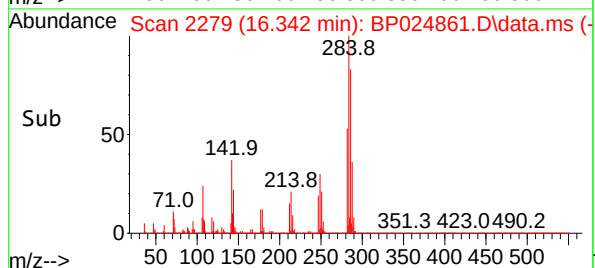
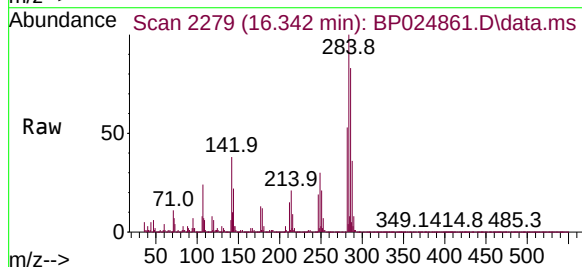
Manual Integrations
APPROVED

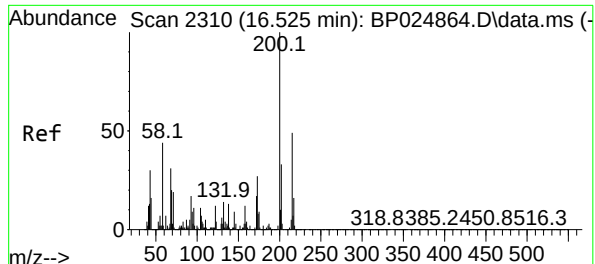
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#68
Hexachlorobenzene
Concen: 5.087 ng
RT: 16.342 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

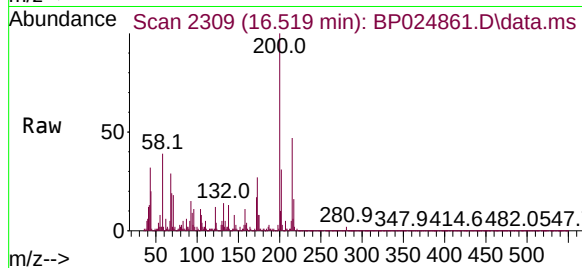
Tgt Ion:284 Resp: 78966
Ion Ratio Lower Upper
284 100
142 37.5 27.0 40.6
249 30.3 25.0 37.6





#69
Atrazine
Concen: 4.730 ng
RT: 16.519 min Scan# 2310
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

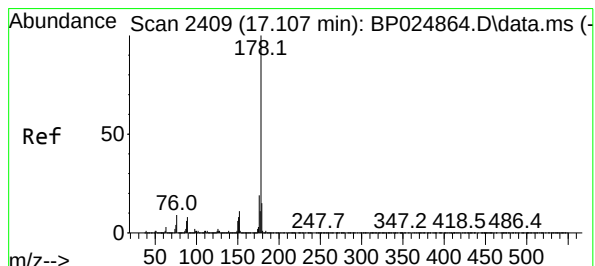
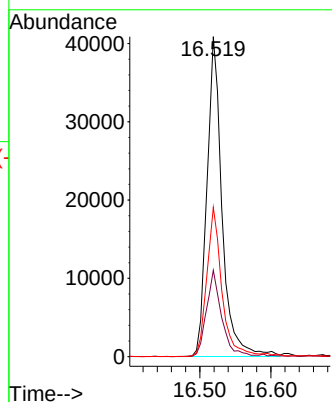
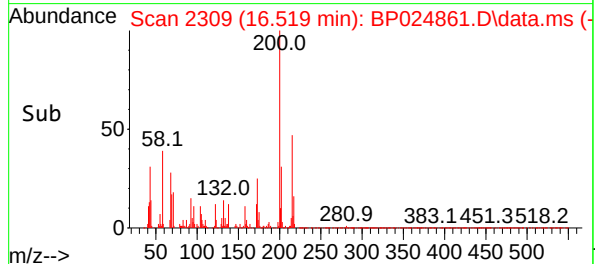
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:200 Resp: 60321
Ion Ratio Lower Upper
200 100
173 27.0 6.9 46.9
215 46.6 28.7 68.7

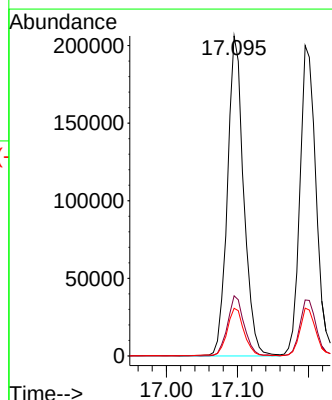
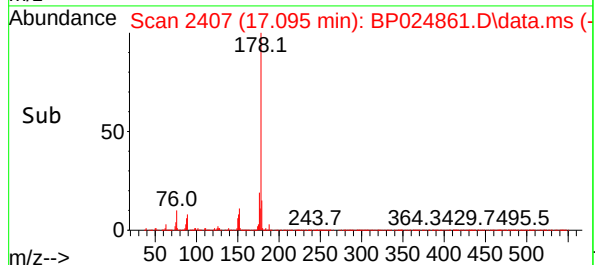
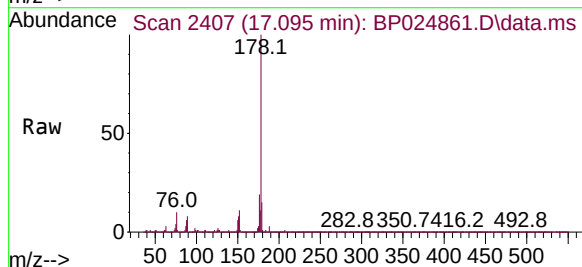
Manual Integrations
APPROVED

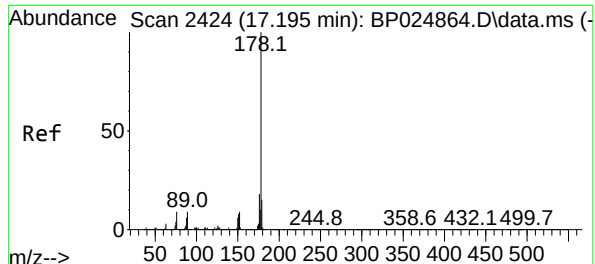
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#71
Phenanthrene
Concen: 5.237 ng
RT: 17.095 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

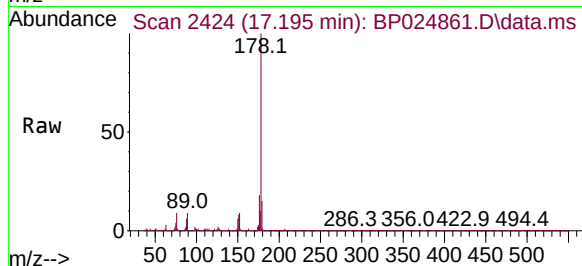
Tgt Ion:178 Resp: 328431
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 14.9 12.1 18.1





#72
Anthracene
Concen: 5.043 ng
RT: 17.195 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

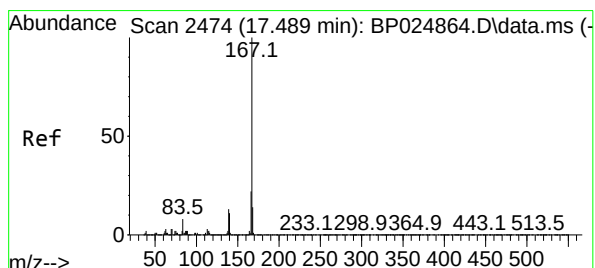
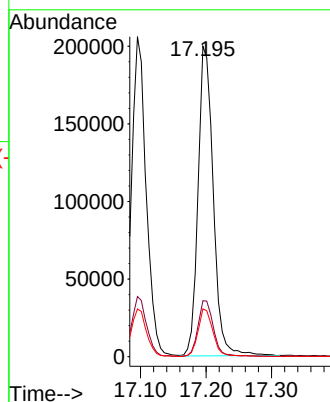
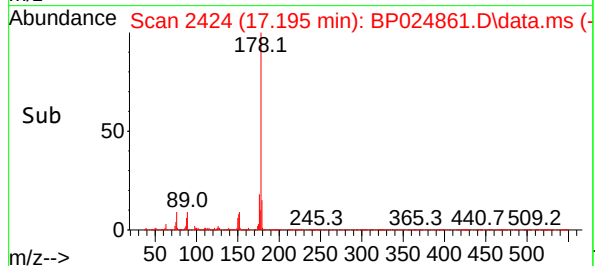
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:178 Resp: 320305
Ion Ratio Lower Upper
178 100
176 18.0 14.7 22.1
179 15.4 12.3 18.5

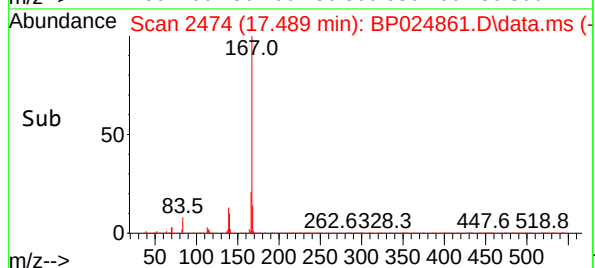
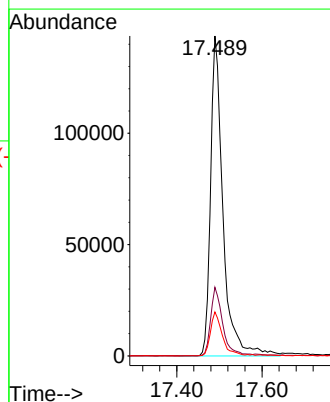
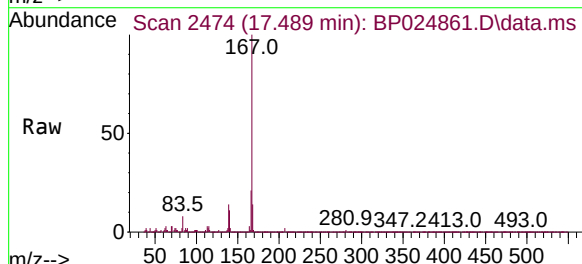
Manual Integrations
APPROVED

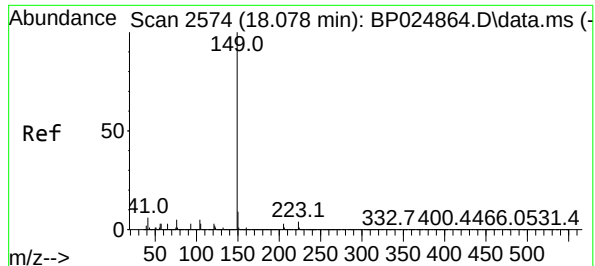
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#73
Carbazole
Concen: 4.932 ng
RT: 17.489 min Scan# 2474
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

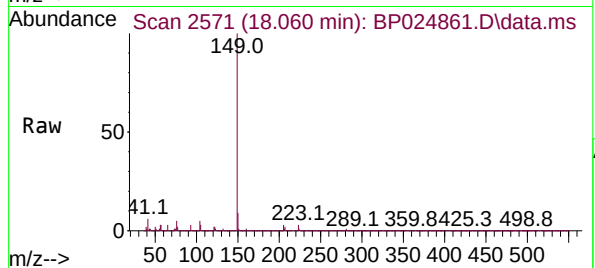
Tgt Ion:167 Resp: 290344
Ion Ratio Lower Upper
167 100
166 21.4 17.3 25.9
139 13.7 10.8 16.2





#74
Di-n-butylphthalate
Concen: 4.580 ng
RT: 18.060 min Scan# 2574
Delta R.T. -0.018 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

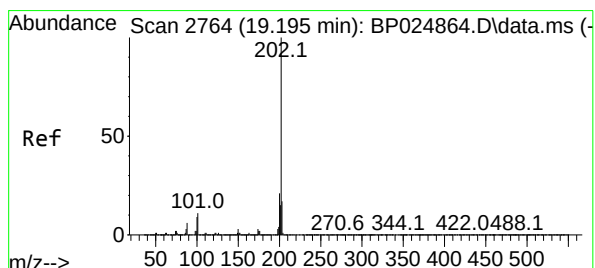
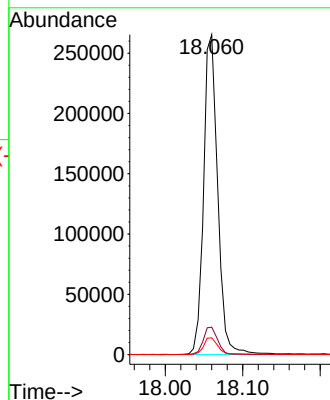
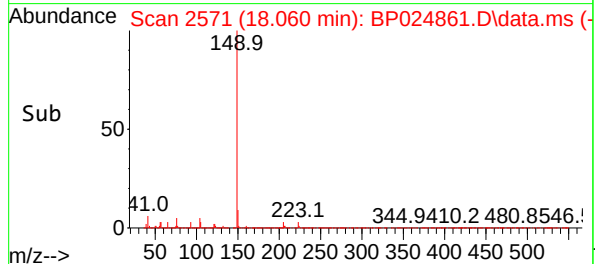
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 334086
Ion Ratio Lower Upper
149 100
150 8.6 7.4 11.2
104 5.2 4.2 6.2

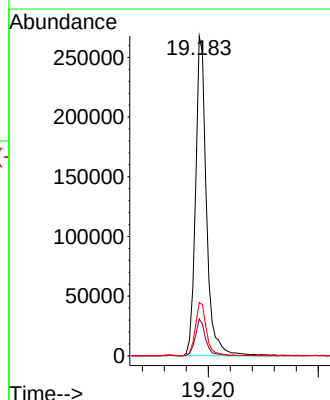
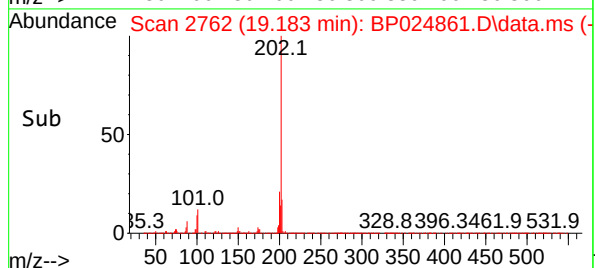
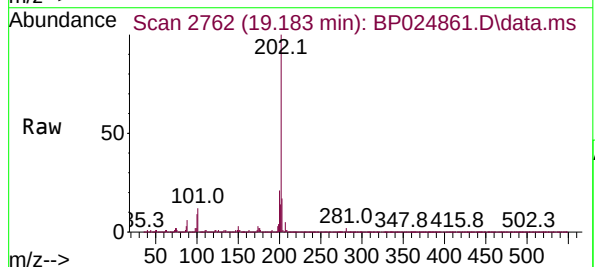
Manual Integrations
APPROVED

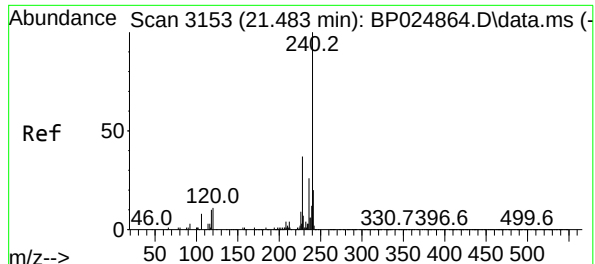
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#75
Fluoranthene
Concen: 5.074 ng
RT: 19.183 min Scan# 2762
Delta R.T. -0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion:202 Resp: 368810
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.4
203 16.7 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.477 min Scan# 3153

Delta R.T. -0.006 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:240 Resp: 119401

Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

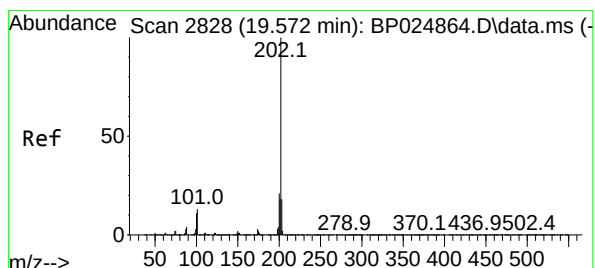
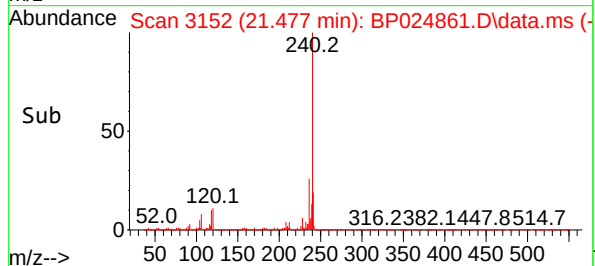
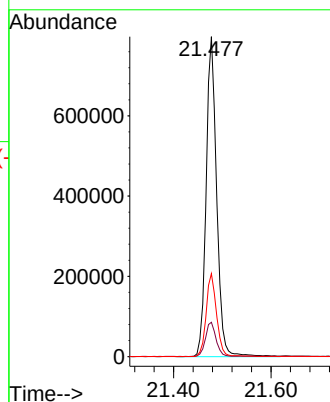
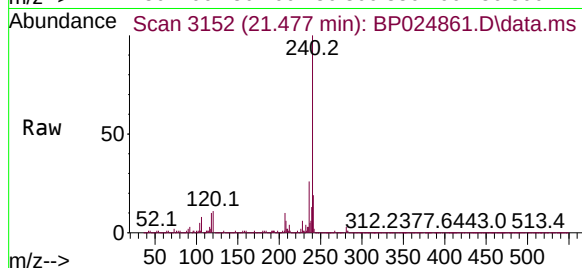
236 25.9 20.9 31.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#78

Pyrene

Concen: 5.228 ng

RT: 19.560 min Scan# 2826

Delta R.T. -0.012 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

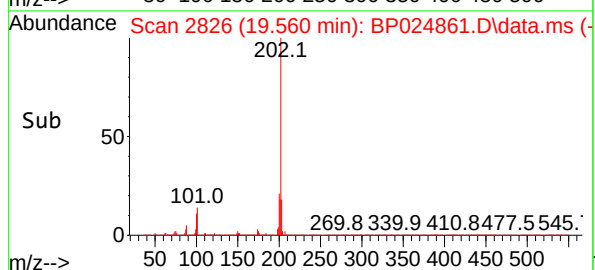
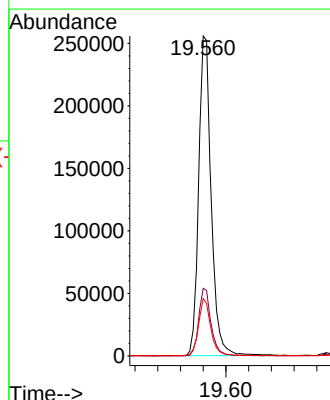
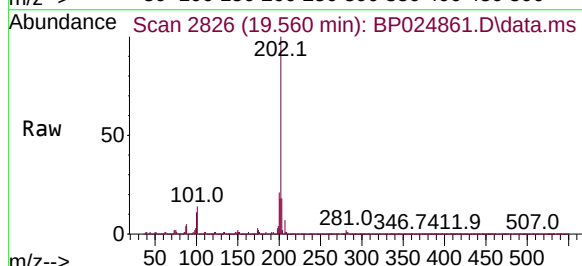
Tgt Ion:202 Resp: 389995

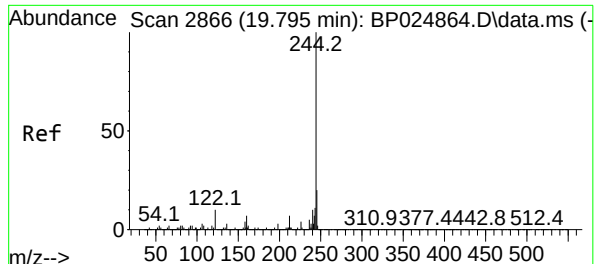
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

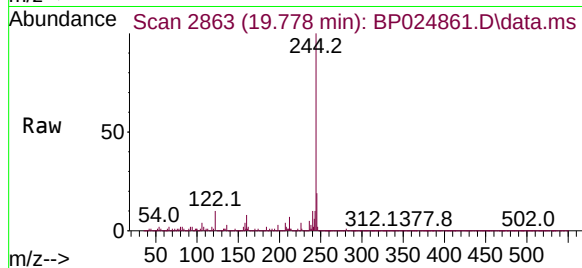
203 17.9 14.0 21.0





#79
Terphenyl-d14
Concen: 10.560 ng
RT: 19.778 min Scan# 2863
Delta R.T. -0.018 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

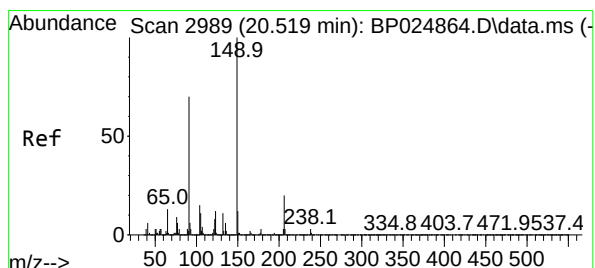
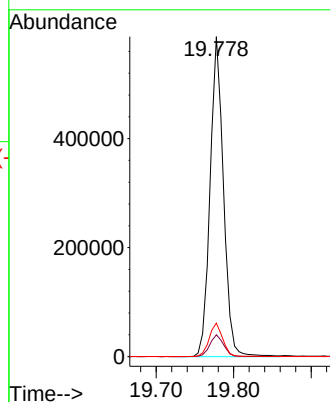
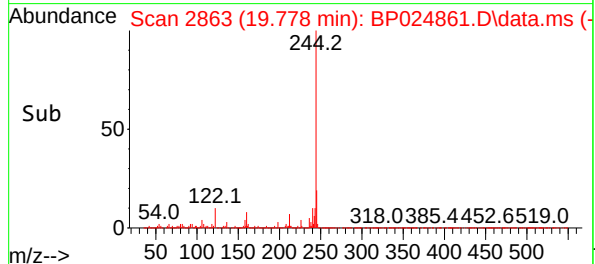
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



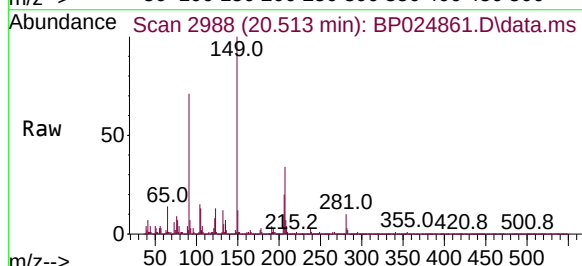
Tgt Ion:244 Resp: 703502
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 10.5 7.7 11.5

Manual Integrations
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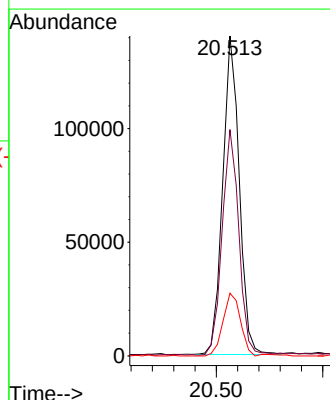
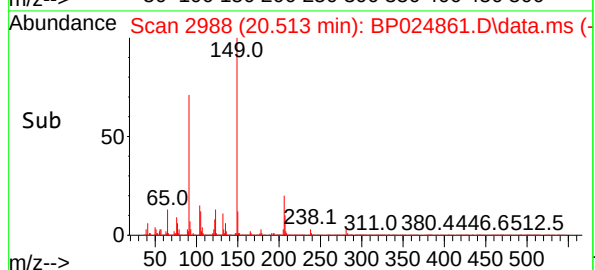
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

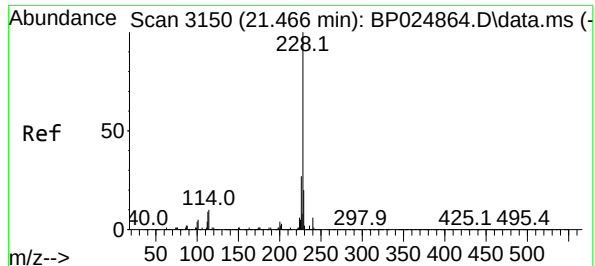


#80
Butylbenzylphthalate
Concen: 4.439 ng
RT: 20.513 min Scan# 2988
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11



Tgt Ion:149 Resp: 151685
Ion Ratio Lower Upper
149 100
91 70.7 55.8 83.8
206 19.6 16.2 24.2





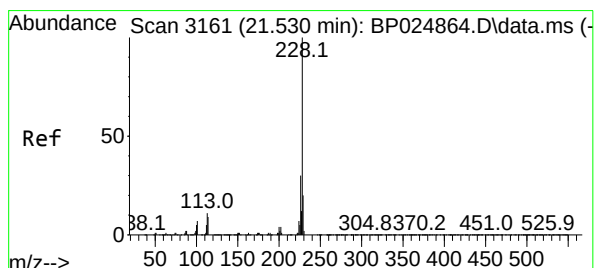
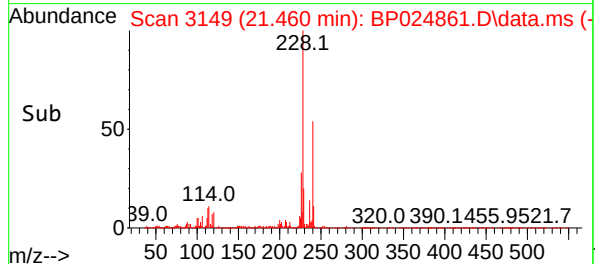
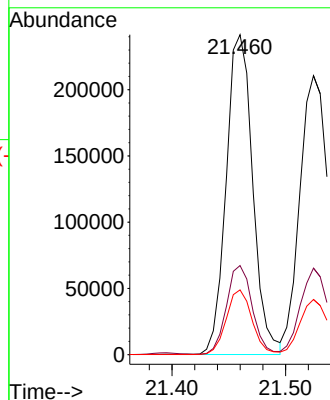
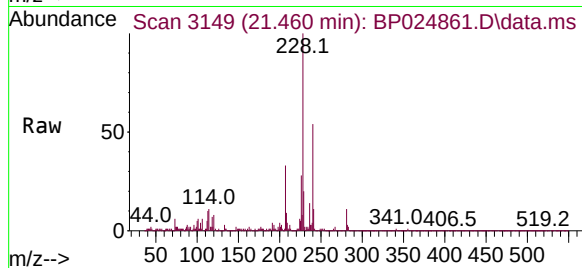
#81
Benzo(a)anthracene
Concen: 5.130 ng
RT: 21.460 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 391774
Ion Ratio Lower Upper
228 100
226 27.8 22.1 33.1
229 20.2 15.9 23.9

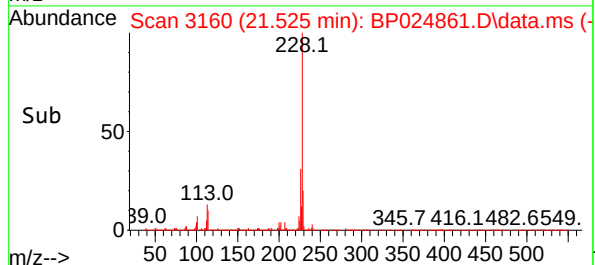
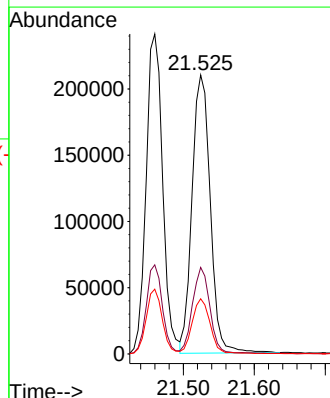
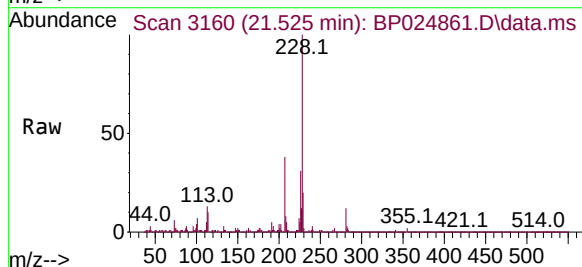
Manual Integrations
APPROVED

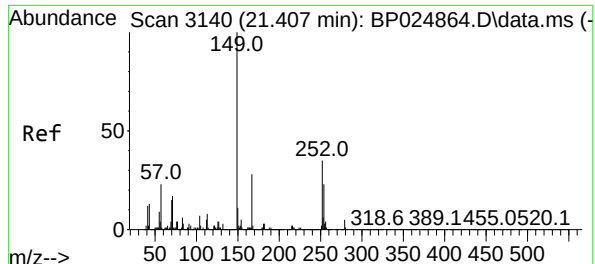
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#83
Chrysene
Concen: 5.165 ng
RT: 21.525 min Scan# 3160
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

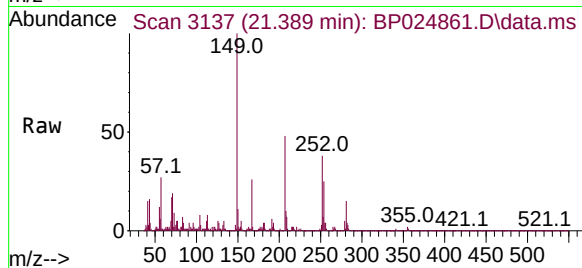
Tgt Ion:228 Resp: 373726
Ion Ratio Lower Upper
228 100
226 31.0 23.8 35.6
229 19.7 15.6 23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.362 ng
RT: 21.389 min Scan# 3140
Delta R.T. -0.018 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

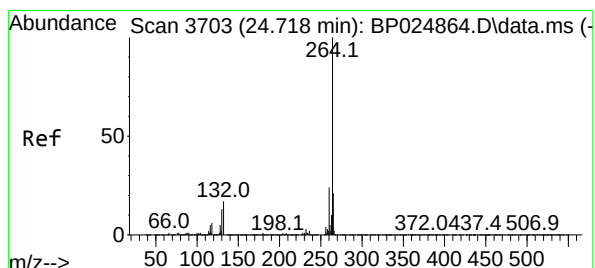
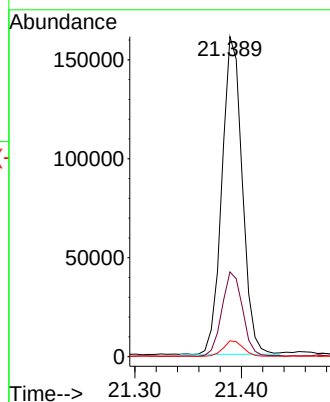
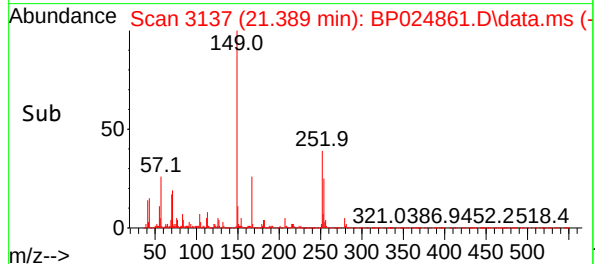
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 213559
Ion Ratio Lower Upper
149 100
167 26.5 22.2 33.4
279 4.9 4.0 6.0

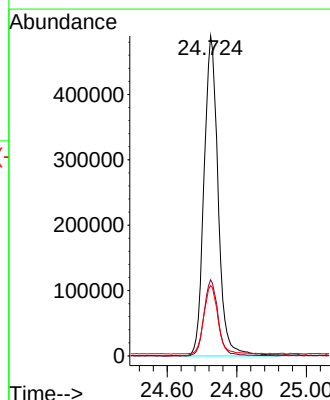
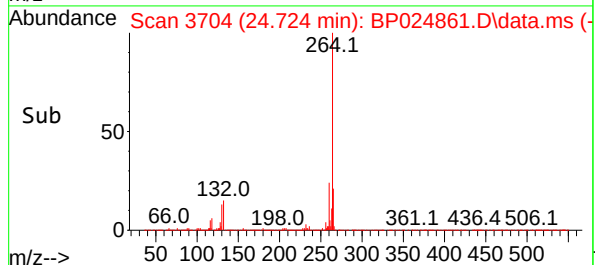
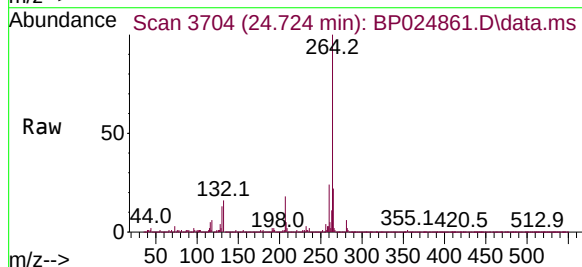
Manual Integrations
APPROVED

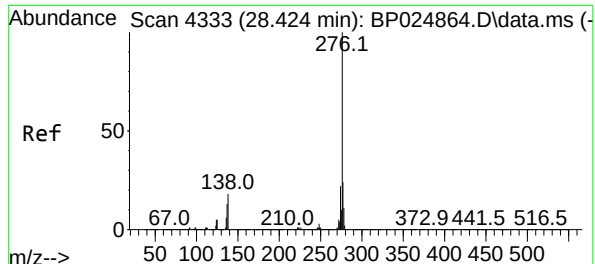
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.724 min Scan# 3704
Delta R.T. 0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

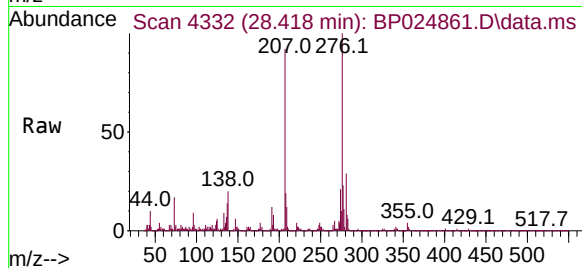
Tgt Ion:264 Resp: 1376894
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 22.0 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.889 ng
RT: 28.418 min Scan# 4333
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

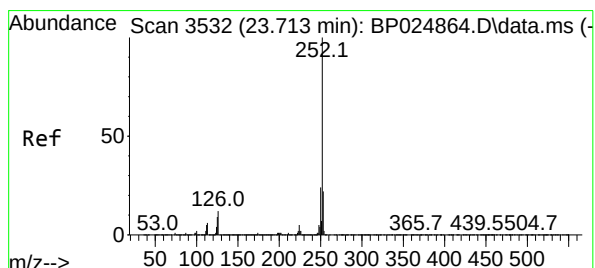
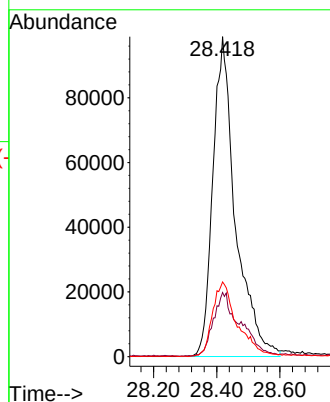
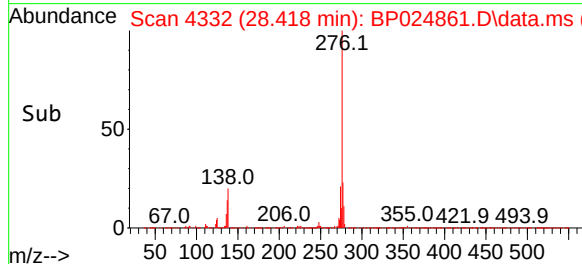
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 276 Resp: 491160
Ion Ratio Lower Upper
276 100
138 17.4 18.6 27.8
277 25.7 20.2 30.4

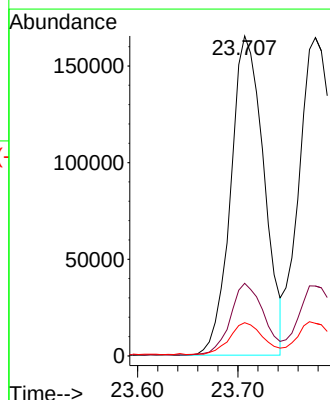
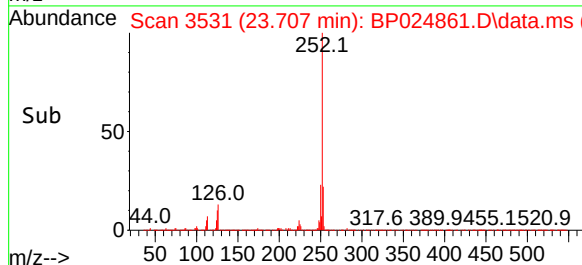
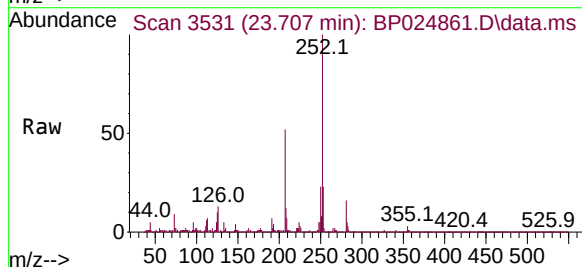
Manual Integrations
APPROVED

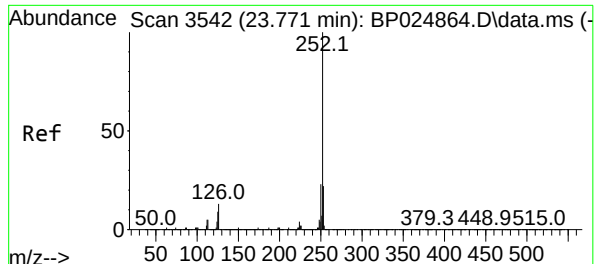
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#88
Benzo(b)fluoranthene
Concen: 4.817 ng
RT: 23.707 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 252 Resp: 379596
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 10.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 4.998 ng

RT: 23.777 min Scan# 3543

Delta R.T. 0.006 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

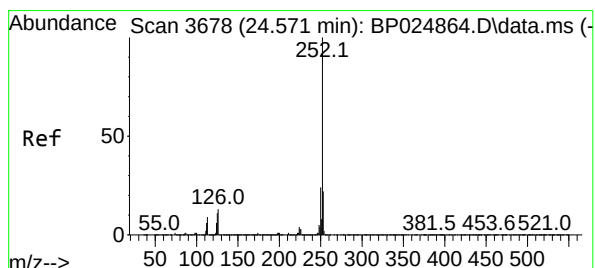
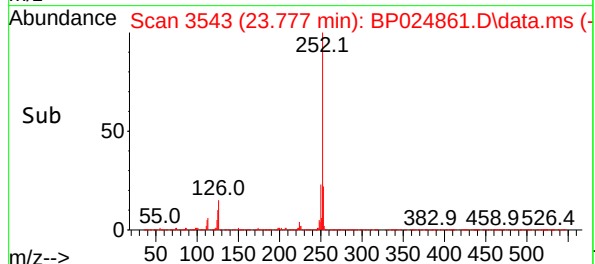
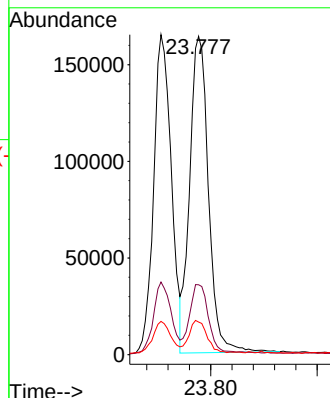
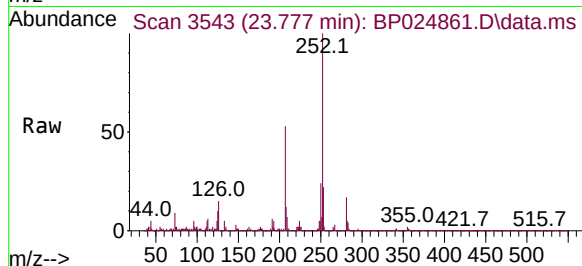
Tgt Ion:	252	Resp:	40087
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.7	26.5
125	10.2	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#90

Benzo(a)pyrene

Concen: 4.901 ng

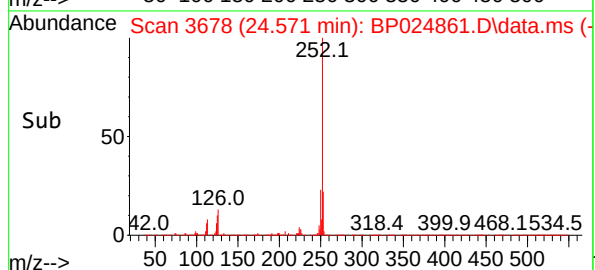
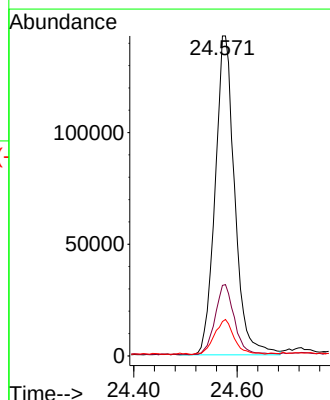
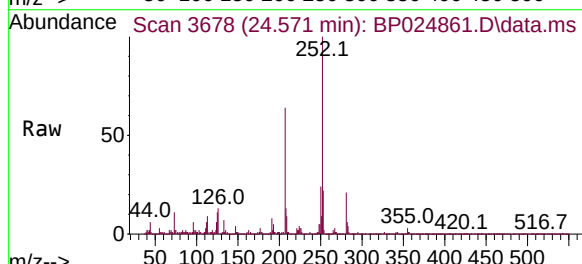
RT: 24.571 min Scan# 3678

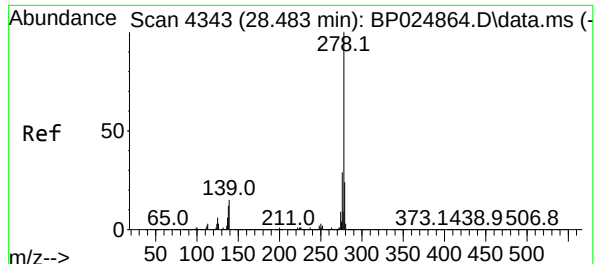
Delta R.T. 0.000 min

Lab File: BP024861.D

Acq: 06 Jun 2025 11:11

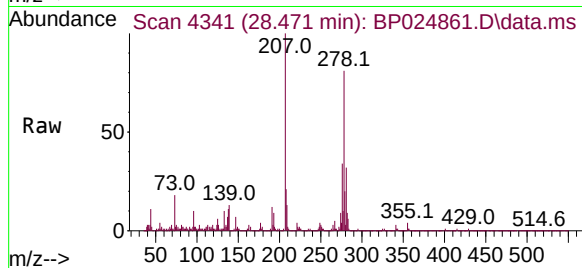
Tgt Ion:	252	Resp:	377184
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	10.7	8.8	13.2





#91
Dibenzo(a,h)anthracene
Concen: 4.846 ng
RT: 28.471 min Scan# 4343
Delta R.T. -0.012 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

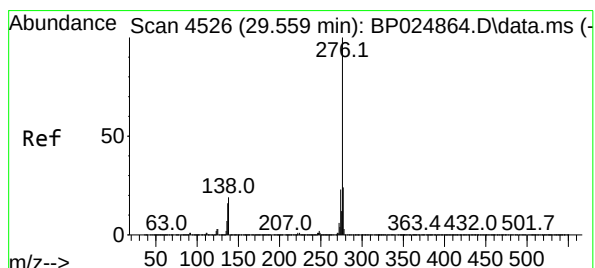
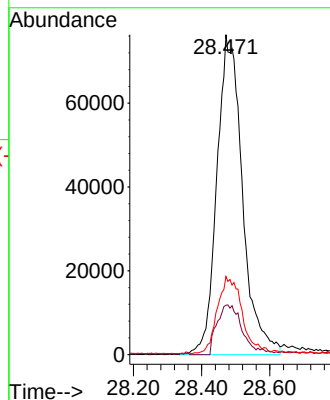
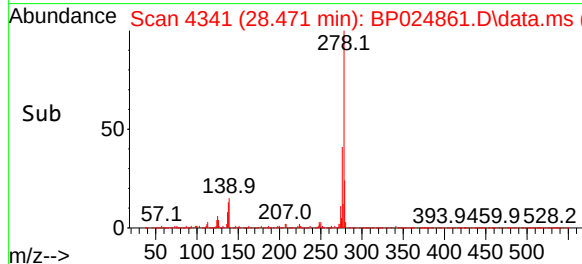
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 278 Resp: 396286
Ion Ratio Lower Upper
278 100
139 15.4 12.0 18.0
279 24.4 19.1 28.7

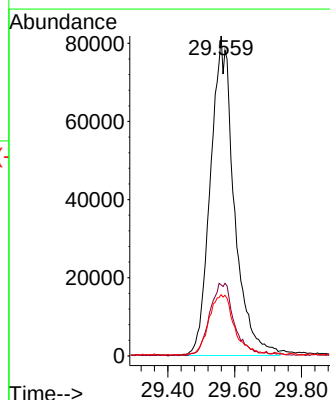
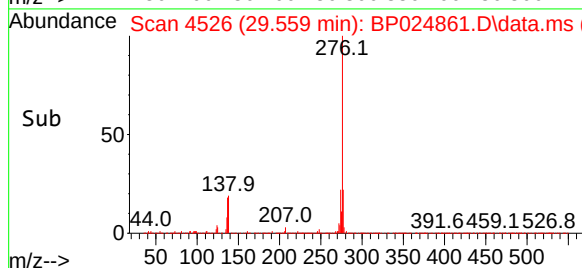
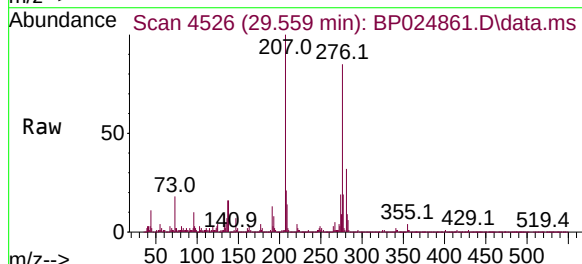
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#92
Benzo(g,h,i)perylene
Concen: 4.974 ng
RT: 29.559 min Scan# 4526
Delta R.T. 0.000 min
Lab File: BP024861.D
Acq: 06 Jun 2025 11:11

Tgt Ion: 276 Resp: 403533
Ion Ratio Lower Upper
276 100
277 22.2 19.1 28.7
138 19.1 15.4 23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024862.D
 Acq On : 06 Jun 2025 11:52
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/09/2025
 Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 15:59:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 15:53:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	222073	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	929717	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	594373	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1185891	20.000	ng	-0.01
76) Chrysene-d12	21.472	240	1377321	20.000	ng	-0.01
86) Perylene-d12	24.718	264	1582534	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.249	112	253023	19.018	ng	0.00
7) Phenol-d6	6.819	99	339256	19.273	ng	0.00
23) Nitrobenzene-d5	8.760	82	369077	19.290	ng	0.00
42) 2,4,6-Tribromophenol	15.772	330	156861	19.089	ng	-0.01
45) 2-Fluorobiphenyl	12.854	172	896004	20.308	ng	0.00
79) Terphenyl-d14	19.778	244	1478395	19.238	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.173	88	58704	10.028	ng	98
3) Pyridine	3.578	79	131346	9.330	ng	98
4) n-Nitrosodimethylamine	3.490	42	53104	9.227	ng	# 98
6) Aniline	6.961	93	210089	9.352	ng	99
8) 2-Chlorophenol	7.196	128	143265	9.499	ng	98
9) Benzaldehyde	6.772	77	115279m	11.330	ng	
10) Phenol	6.849	94	173645	9.569	ng	98
11) bis(2-Chloroethyl)ether	7.049	93	141777	9.934	ng	99
12) 1,3-Dichlorobenzene	7.502	146	168166	9.995	ng	99
13) 1,4-Dichlorobenzene	7.643	146	167333	9.857	ng	99
14) 1,2-Dichlorobenzene	7.960	146	181774	10.904	ng	98
15) Benzyl Alcohol	7.866	79	126194	9.341	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.131	45	192365	10.298	ng	96
17) 2-Methylphenol	8.078	107	127589	10.069	ng	98
18) Hexachloroethane	8.672	117	62735	9.815	ng	95
19) n-Nitroso-di-n-propyla...	8.413	70	122711	10.254	ng	97
20) 3+4-Methylphenols	8.408	107	167301	9.677	ng	94
22) Acetophenone	8.431	105	242331	10.317	ng	# 98
24) Nitrobenzene	8.802	77	163008	9.590	ng	99
25) Isophorone	9.325	82	315027	9.500	ng	100
26) 2-Nitrophenol	9.513	139	72892	8.692	ng	97
27) 2,4-Dimethylphenol	9.590	122	132781	9.251	ng	97
28) bis(2-Chloroethoxy)met...	9.802	93	189690	9.590	ng	98
29) 2,4-Dichlorophenol	10.072	162	126522	9.187	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	148252	9.544	ng	97
31) Naphthalene	10.425	128	474962	9.969	ng	99
32) Benzoic acid	9.731	122	74032m	7.736	ng	
33) 4-Chloroaniline	10.566	127	186400	9.338	ng	98
34) Hexachlorobutadiene	10.707	225	92498	9.880	ng	97
35) Caprolactam	11.337	113	45366	8.949	ng	98
36) 4-Chloro-3-methylphenol	11.707	107	149607	9.418	ng	97
37) 2-Methylnaphthalene	12.043	142	296478	9.810	ng	98
38) 1-Methylnaphthalene	12.266	142	316179	9.786	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	166771	9.888	ng	99
41) Hexachlorocyclopentadiene	12.396	237	76916	7.477	ng	97
43) 2,4,6-Trichlorophenol	12.684	196	104746	9.248	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
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 Acq On : 06 Jun 2025 11:52
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/09/2025
 Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 15:59:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 15:53:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	112735	9.294	ng	99
46) 1,1'-Biphenyl	13.072	154	432819	10.020	ng	99
47) 2-Chloronaphthalene	13.113	162	328060	9.882	ng	98
48) 2-Nitroaniline	13.337	65	96210	9.426	ng	100
49) Acenaphthylene	13.966	152	550191	9.939	ng	98
50) Dimethylphthalate	13.707	163	430821	9.826	ng	100
51) 2,6-Dinitrotoluene	13.831	165	89432	9.461	ng	93
52) Acenaphthene	14.313	154	316133	9.967	ng	98
53) 3-Nitroaniline	14.184	138	86690	8.838	ng	97
54) 2,4-Dinitrophenol	14.413	184	34890	10.838	ng	97
55) Dibenzofuran	14.660	168	511434	10.045	ng	100
56) 4-Nitrophenol	14.572	139	42087	10.135	ng	92
57) 2,4-Dinitrotoluene	14.643	165	123499	9.340	ng	97
58) Fluorene	15.319	166	414235	10.071	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.907	232	103935	9.573	ng	99
60) Diethylphthalate	15.090	149	437955	10.022	ng	98
61) 4-Chlorophenyl-phenyle...	15.319	204	198649	9.878	ng	98
62) 4-Nitroaniline	15.372	138	69780	7.841	ng	95
63) Azobenzene	15.619	77	396356	9.890	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	60252	7.732	ng	92
66) n-Nitrosodiphenylamine	15.537	169	360674	9.812	ng	98
67) 4-Bromophenyl-phenylether	16.231	248	127516	9.530	ng	98
68) Hexachlorobenzene	16.342	284	158870	9.794	ng	97
69) Atrazine	16.519	200	125777	9.439	ng	99
70) Pentachlorophenol	16.719	266	62407	7.434	ng	98
71) Phenanthrene	17.089	178	657004	10.025	ng	99
72) Anthracene	17.195	178	648264	9.767	ng	99
73) Carbazole	17.484	167	600475	9.761	ng	100
74) Di-n-butylphthalate	18.060	149	738469	9.688	ng	99
75) Fluoranthene	19.183	202	763158	10.047	ng	98
77) Benzidine	19.401	184	352835	8.271	ng	99
78) Pyrene	19.554	202	823026	9.565	ng	99
80) Butylbenzylphthalate	20.507	149	364314	9.243	ng	97
81) Benzo(a)anthracene	21.448	228	850043	9.650	ng	99
82) 3,3'-Dichlorobenzidine	21.377	252	322154	9.212	ng	99
83) Chrysene	21.519	228	808582	9.687	ng	100
84) Bis(2-ethylhexyl)phtha...	21.389	149	536981	9.509	ng	100
85) Di-n-octyl phthalate	22.619	149	909174	9.134	ng	99
87) Indeno(1,2,3-cd)pyrene	28.395	276	1109298	9.607	ng	99
88) Benzo(b)fluoranthene	23.689	252	873515m	9.645	ng	
89) Benzo(k)fluoranthene	23.760	252	905265	9.819	ng	99
90) Benzo(a)pyrene	24.566	252	845698	9.562	ng	99
91) Dibenzo(a,h)anthracene	28.459	278	904527	9.624	ng	99
92) Benzo(g,h,i)perylene	29.542	276	891492	9.560	ng	97

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

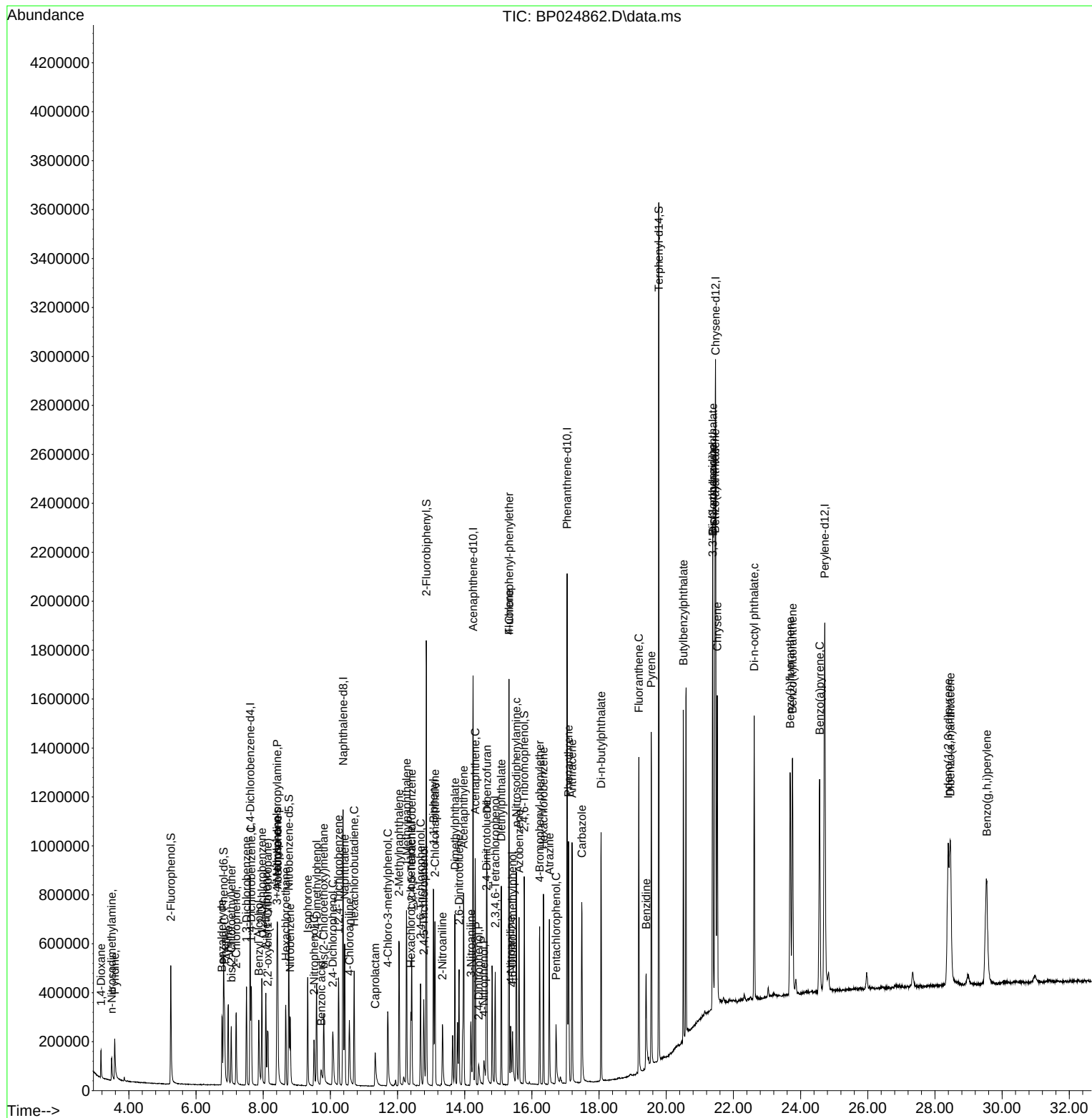
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Operator   : RC/JU  
Sample     : SSTDICC010  
Misc       :  
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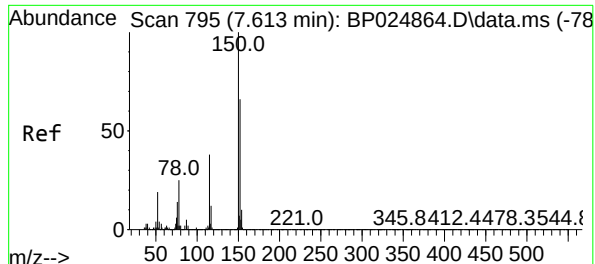
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

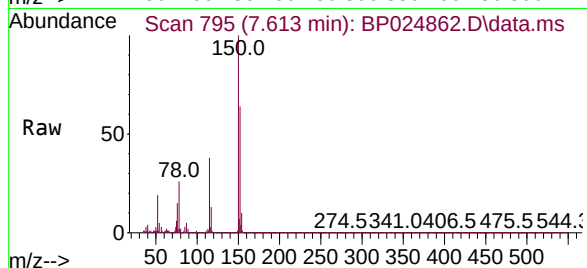
Quant Time: Jun 06 15:59:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

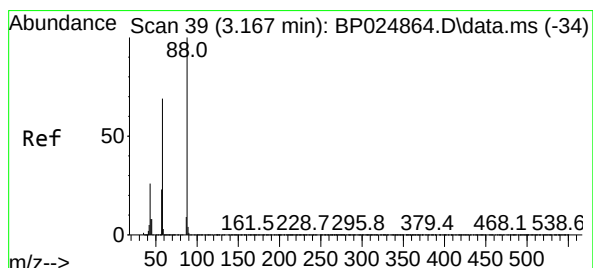
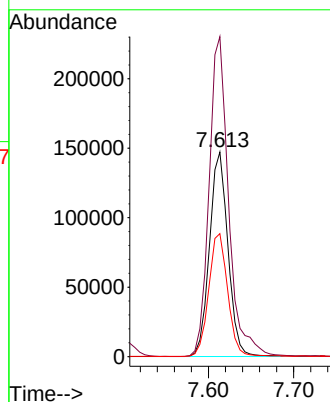
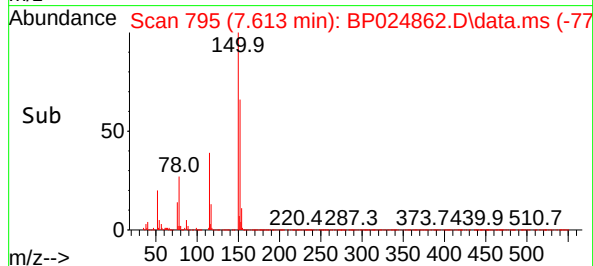
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



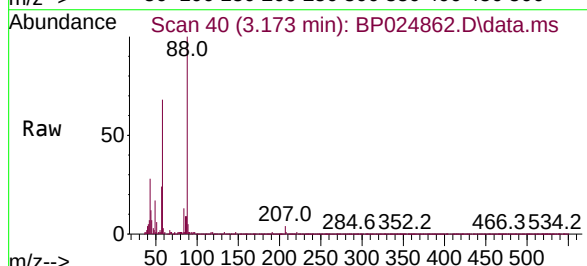
Tgt Ion: 152 Resp: 222073
Ion Ratio Lower Upper
152 100
150 156.5 122.1 183.1
115 60.1 46.4 69.6

Manual Integrations
APPROVED

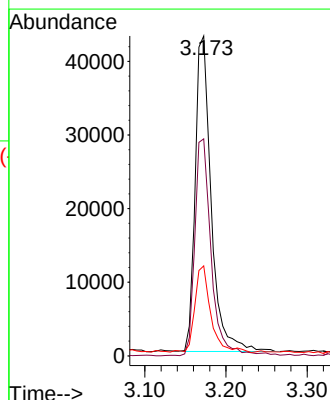
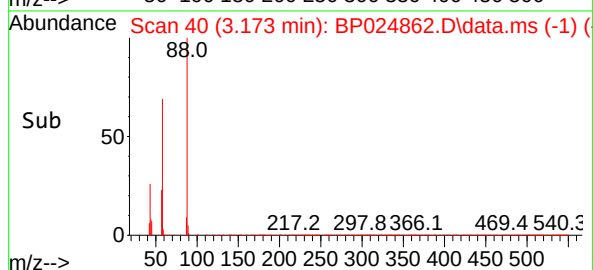
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

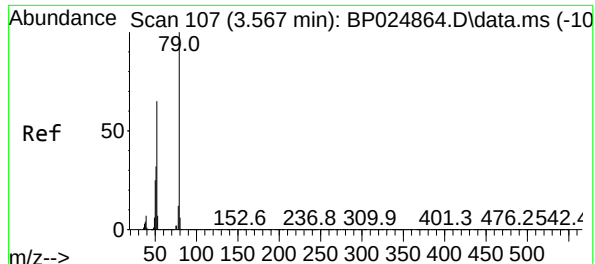


#2
1,4-Dioxane
Concen: 10.028 ng
RT: 3.173 min Scan# 40
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52



Tgt Ion: 88 Resp: 58704
Ion Ratio Lower Upper
88 100
58 70.3 55.4 83.0
43 27.4 20.8 31.2





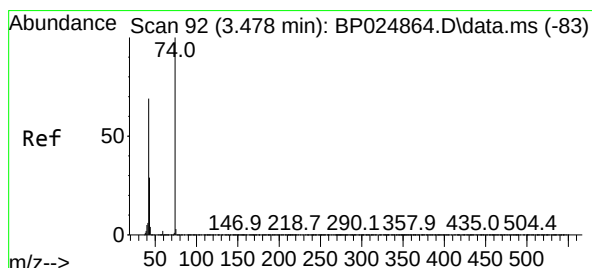
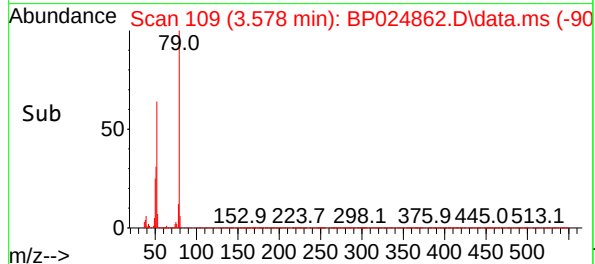
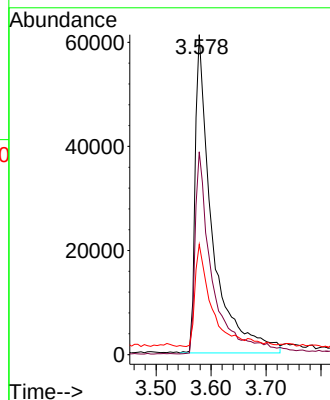
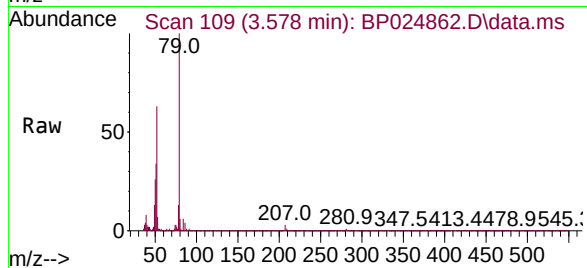
#3
Pyridine
Concen: 9.330 ng
RT: 3.578 min Scan# 10
Delta R.T. 0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 131346
Ion Ratio Lower Upper
79 100
52 63.4 51.6 77.4
51 34.4 25.5 38.3

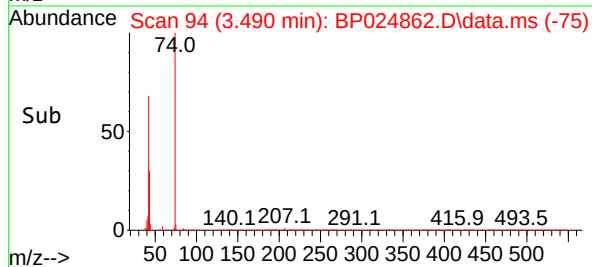
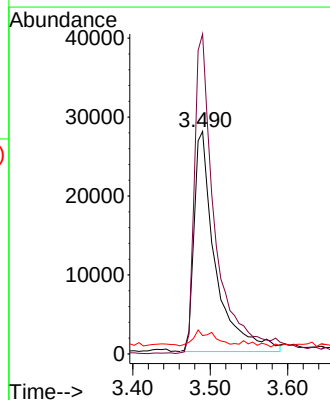
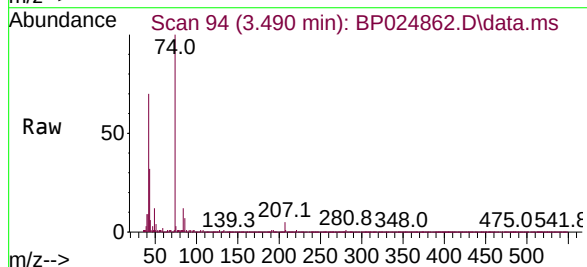
Manual Integrations
APPROVED

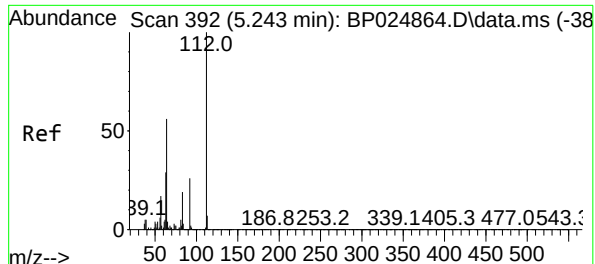
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#4
n-Nitrosodimethylamine
Concen: 9.227 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

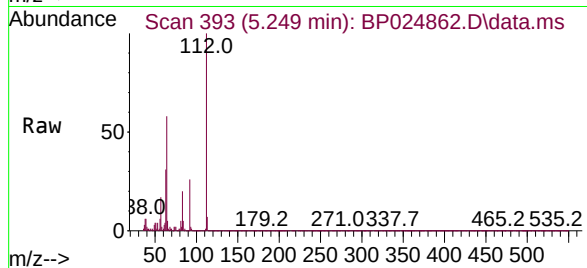
Tgt Ion: 42 Resp: 53104
Ion Ratio Lower Upper
42 100
74 143.9 116.6 174.8
44 8.2 5.4 8.0





#5
2-Fluorophenol
Concen: 19.018 ng
RT: 5.249 min Scan# 39
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

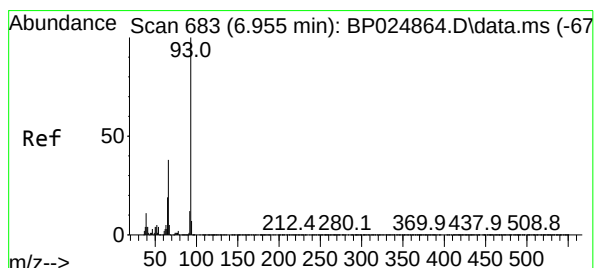
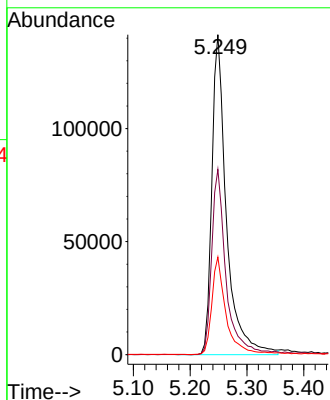
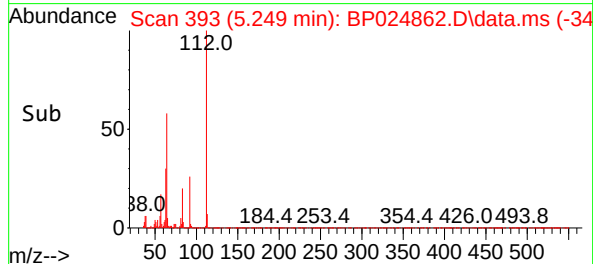
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 112 Resp: 253023
Ion Ratio Lower Upper
112 100
64 57.9 44.7 67.1
63 30.5 23.5 35.3

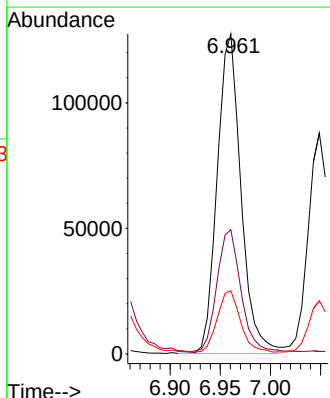
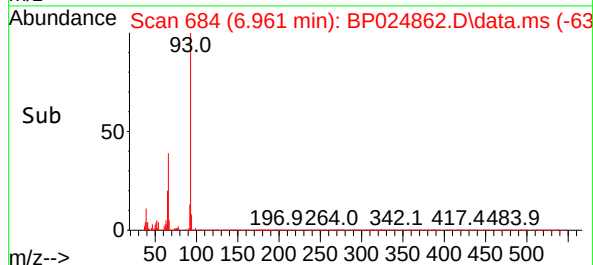
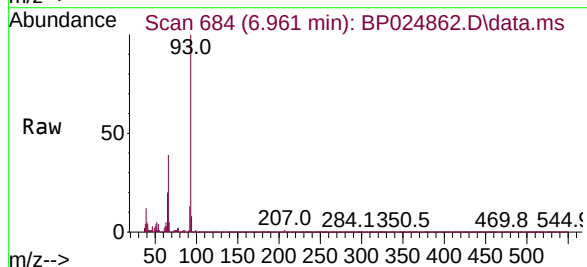
Manual Integrations
APPROVED

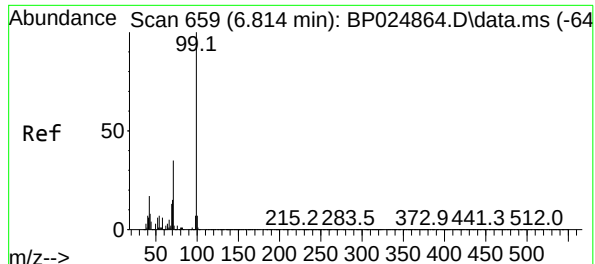
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#6
Aniline
Concen: 9.352 ng
RT: 6.961 min Scan# 684
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

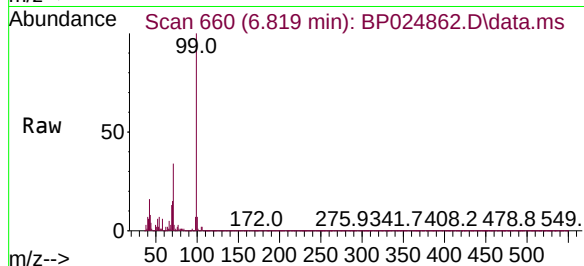
Tgt Ion: 93 Resp: 210089
Ion Ratio Lower Upper
93 100
66 38.8 30.9 46.3
65 19.7 15.5 23.3





#7
Phenol-d6
Concen: 19.273 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

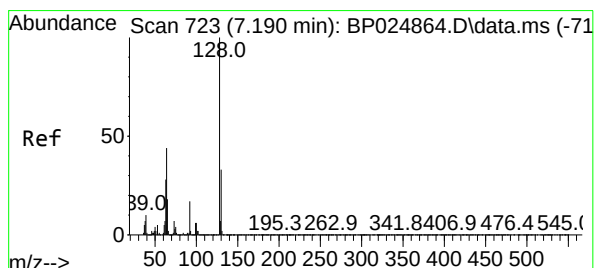
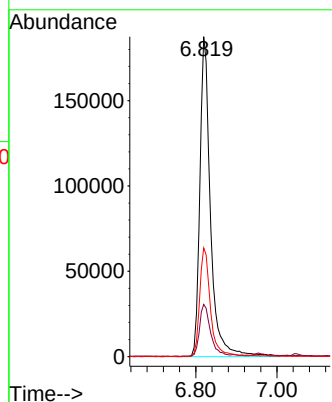
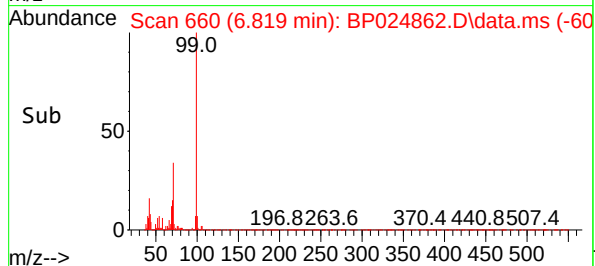
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 99 Resp: 339256
Ion Ratio Lower Upper
99 100
42 16.3 13.4 20.2
71 34.0 27.6 41.4

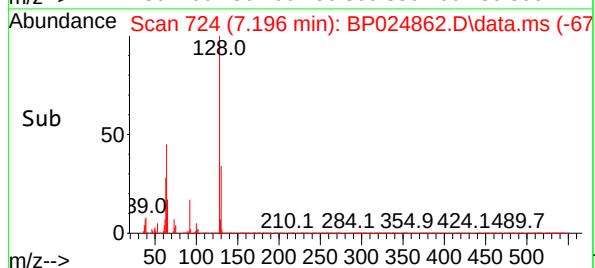
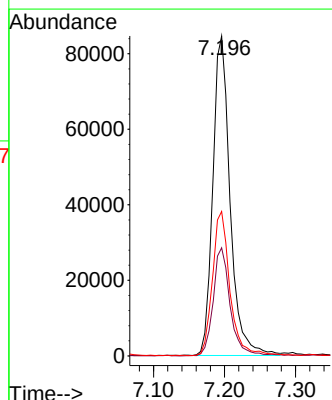
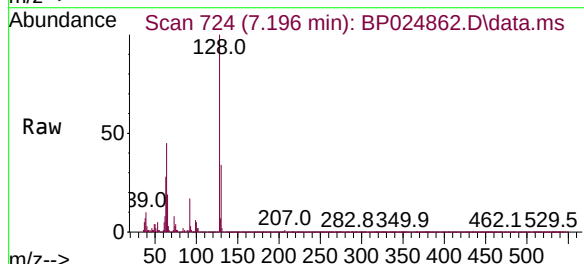
Manual Integrations
APPROVED

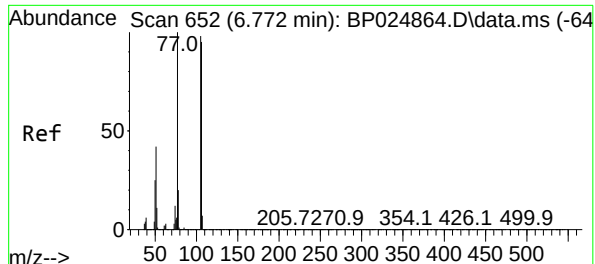
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#8
2-Chlorophenol
Concen: 9.499 ng
RT: 7.196 min Scan# 724
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

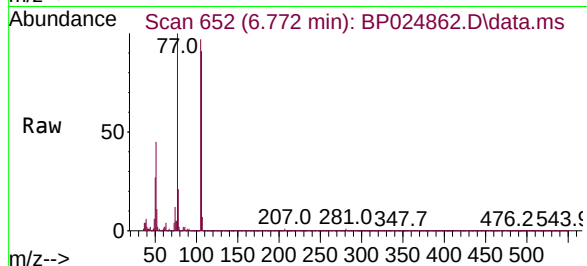
Tgt Ion:128 Resp: 143265
Ion Ratio Lower Upper
128 100
130 33.8 12.6 52.6
64 45.2 24.1 64.1





#9
Benzaldehyde
Concen: 11.330 ng m
RT: 6.772 min Scan# 652
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

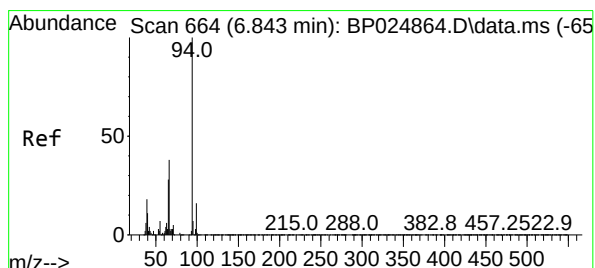
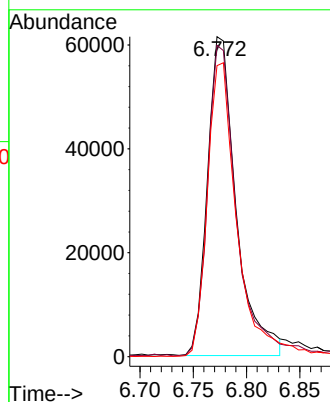
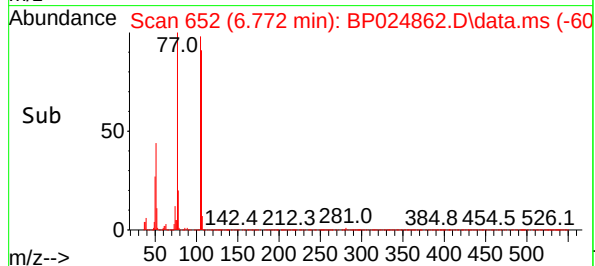
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 115279
Ion Ratio Lower Upper
77 100
105 97.3 77.7 117.7
106 90.9 74.8 114.8

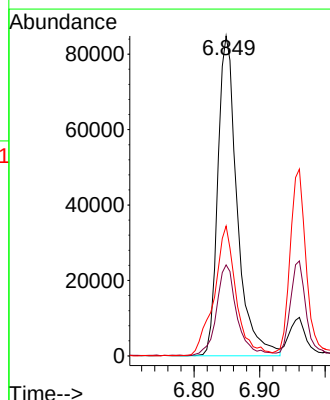
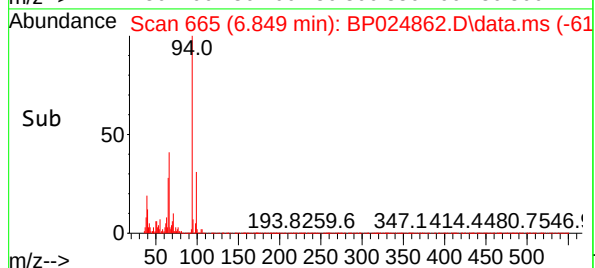
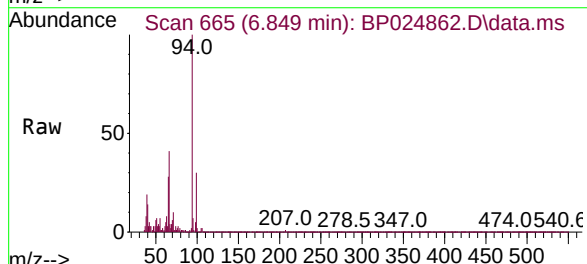
Manual Integrations
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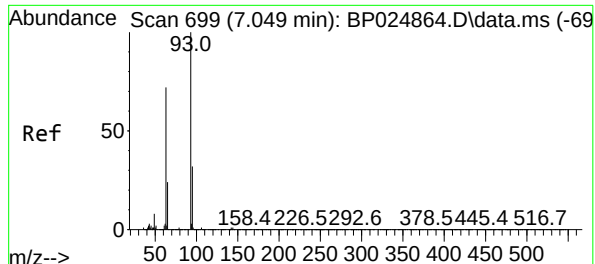
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#10
Phenol
Concen: 9.569 ng
RT: 6.849 min Scan# 665
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 94 Resp: 173645
Ion Ratio Lower Upper
94 100
65 28.4 8.3 48.3
66 40.6 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 9.934 ng

RT: 7.049 min Scan# 699

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 93 Resp: 141777

Ion Ratio Lower Upper

93 100

63 72.9 51.6 91.6

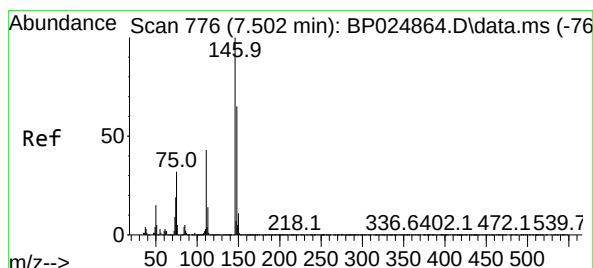
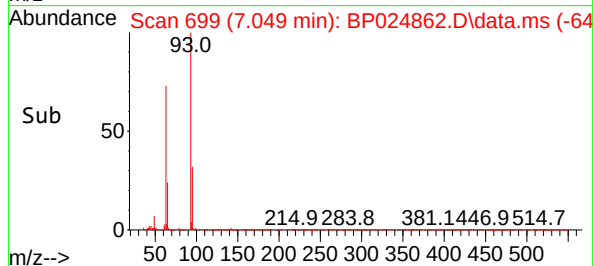
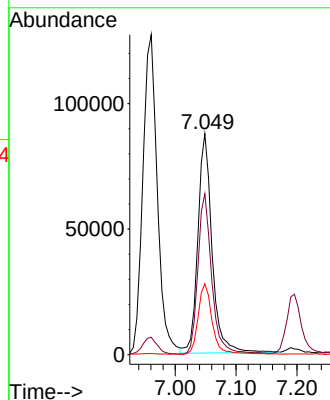
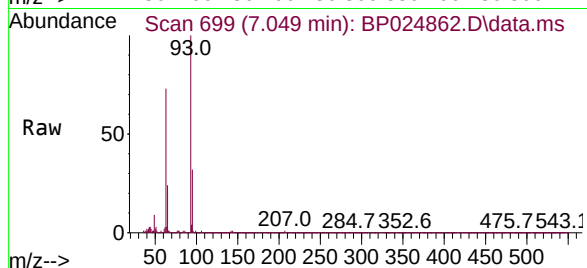
95 32.1 12.1 52.1

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#12

1,3-Dichlorobenzene

Concen: 9.995 ng

RT: 7.502 min Scan# 776

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

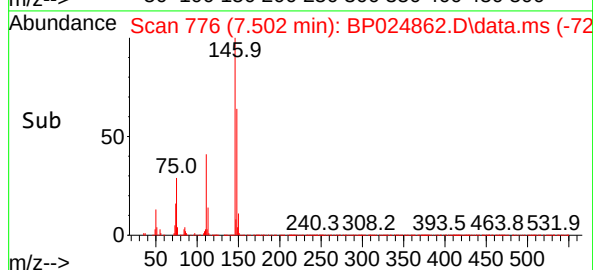
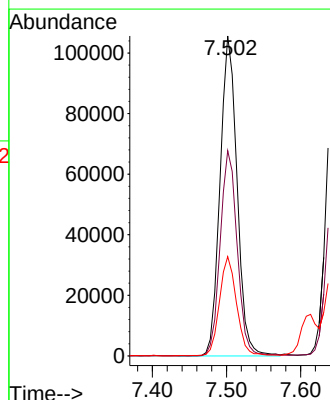
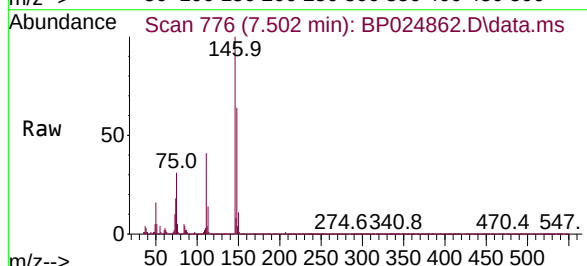
Tgt Ion:146 Resp: 168166

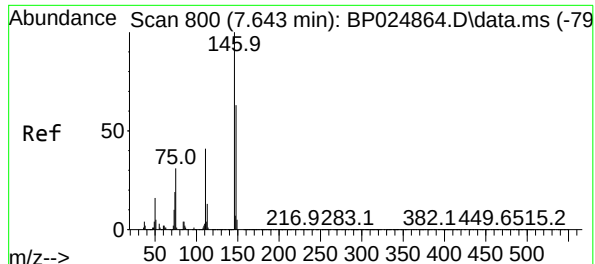
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

75 31.0 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 9.857 ng

RT: 7.643 min Scan# 800

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 16733

Ion Ratio Lower Upper

146 100

148 63.2 50.8 76.2

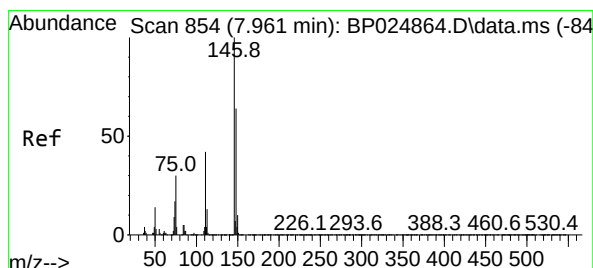
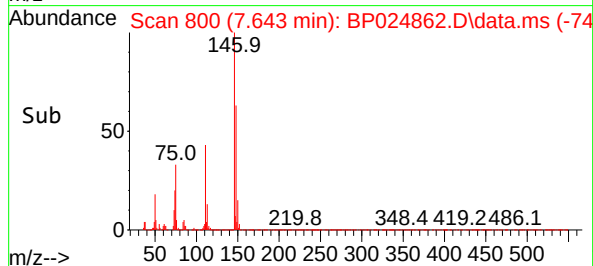
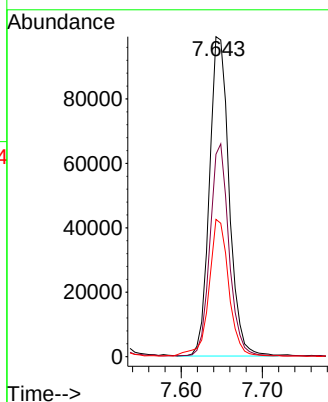
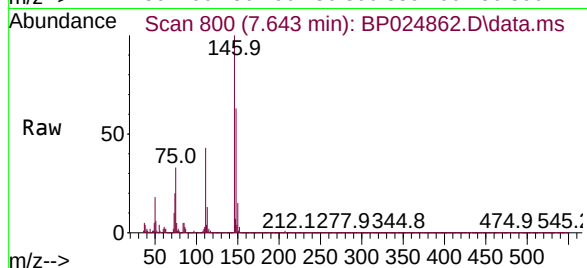
111 42.9 32.7 49.1

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#14

1,2-Dichlorobenzene

Concen: 10.904 ng

RT: 7.960 min Scan# 854

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

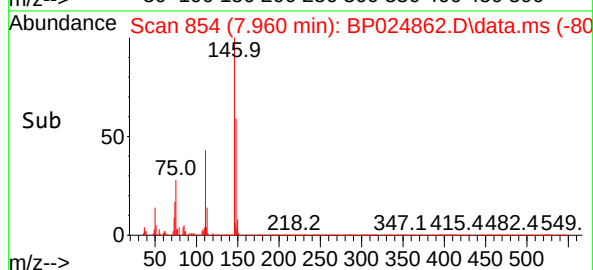
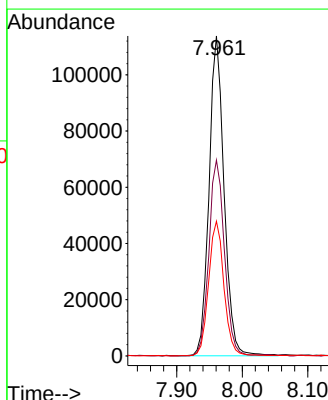
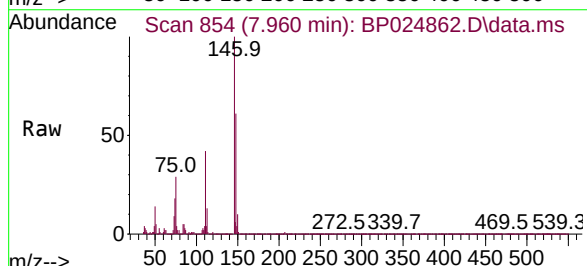
Tgt Ion:146 Resp: 181774

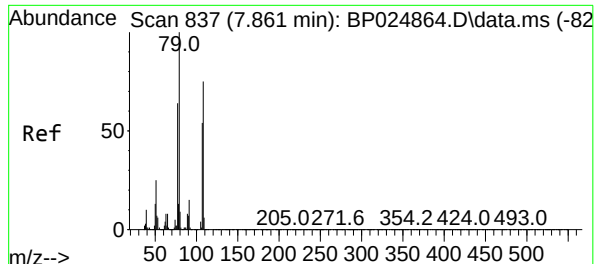
Ion Ratio Lower Upper

146 100

148 61.2 51.0 76.4

111 42.1 33.8 50.8





#15

Benzyl Alcohol

Concen: 9.341 ng

RT: 7.866 min Scan# 837

Delta R.T. 0.006 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 126194

Ion Ratio Lower Upper

79 100

108 78.0 60.2 90.4

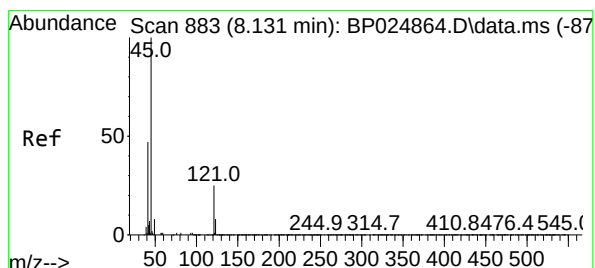
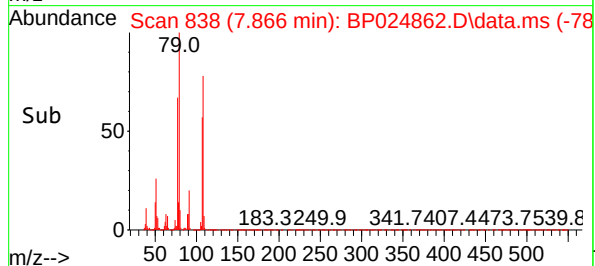
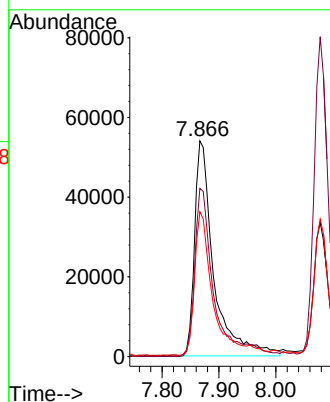
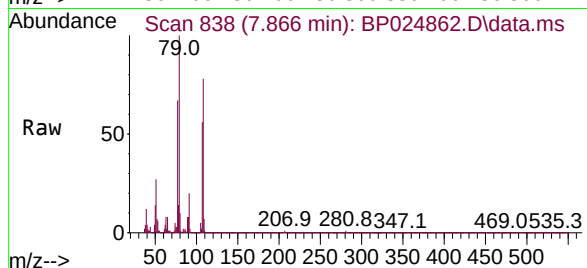
77 67.2 51.2 76.8

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.298 ng

RT: 8.131 min Scan# 883

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

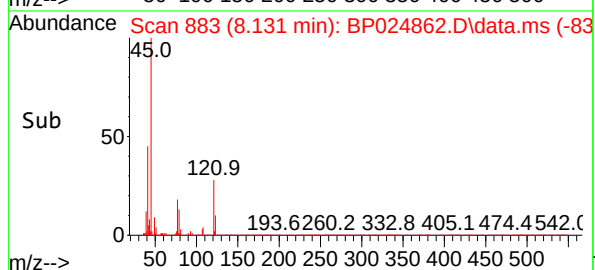
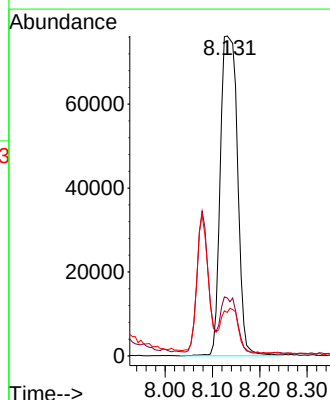
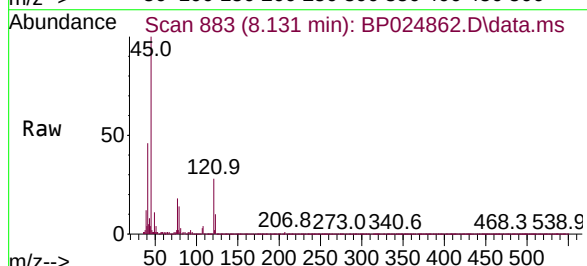
Tgt Ion: 45 Resp: 192365

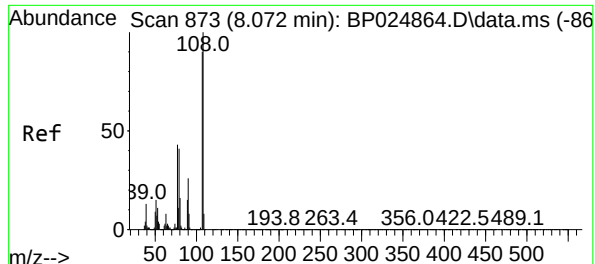
Ion Ratio Lower Upper

45 100

77 18.1 0.0 36.3

79 13.6 0.0 32.2





#17

2-Methylphenol

Concen: 10.069 ng

RT: 8.078 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:107 Resp: 127589

Ion Ratio Lower Upper

107 100

108 108.1 88.6 132.8

77 46.5 38.5 57.7

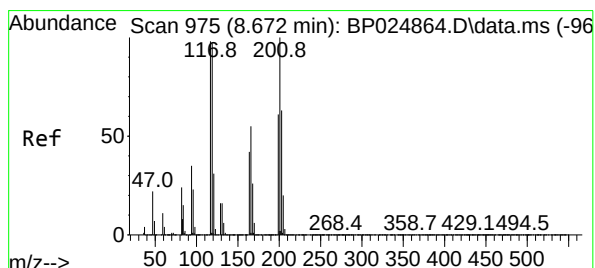
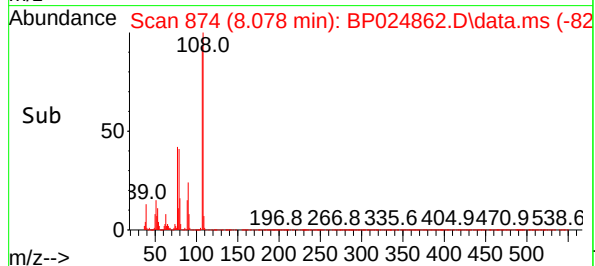
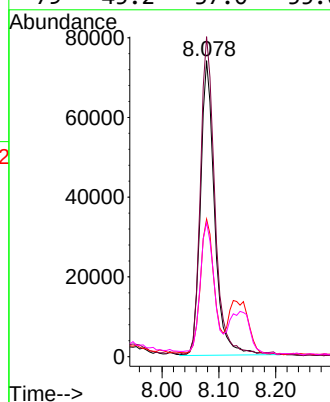
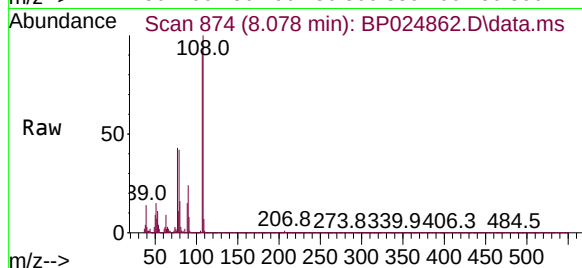
79 45.2 37.0 55.6

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#18

Hexachloroethane

Concen: 9.815 ng

RT: 8.672 min Scan# 975

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

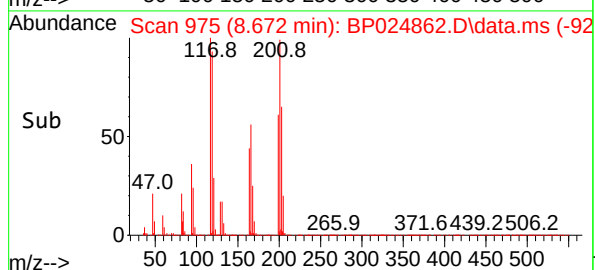
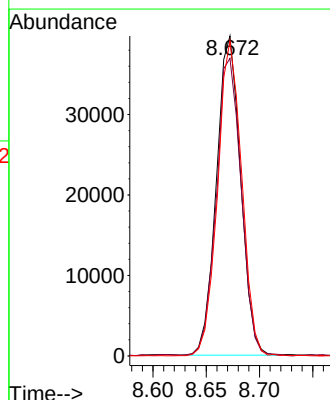
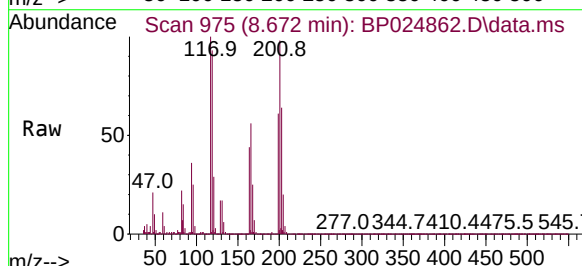
Tgt Ion:117 Resp: 62735

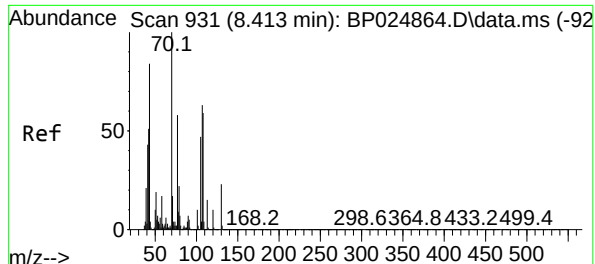
Ion Ratio Lower Upper

117 100

119 93.0 79.4 119.2

201 98.5 81.4 122.2





#19

n-Nitroso-di-n-propylamine

Concen: 10.254 ng

RT: 8.413 min Scan# 931

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 12271

Ion Ratio Lower Upper

70 100

42 54.1 41.2 61.8

101 10.9 8.3 12.5

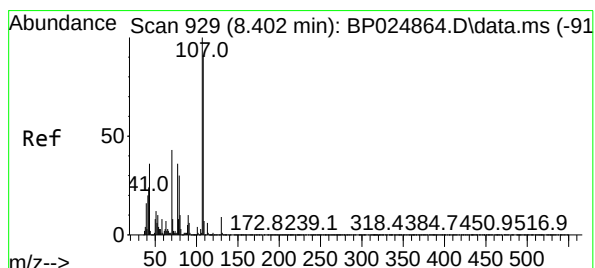
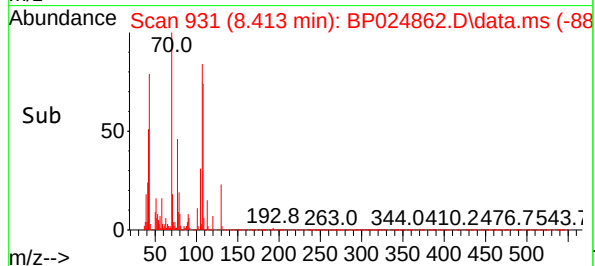
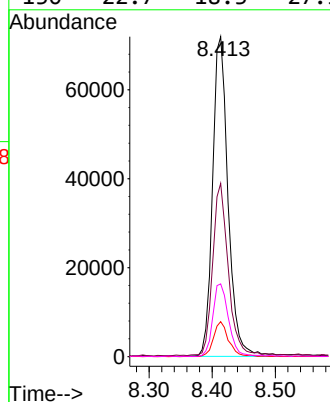
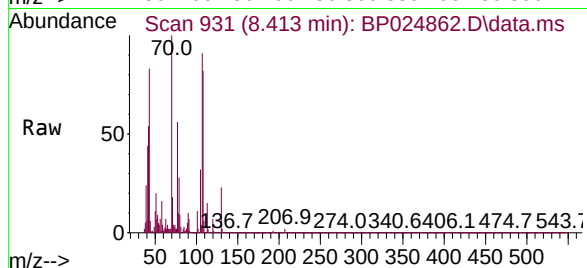
130 22.7 18.3 27.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#20

3+4-Methylphenols

Concen: 9.677 ng

RT: 8.408 min Scan# 930

Delta R.T. 0.006 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Tgt Ion:107 Resp: 167301

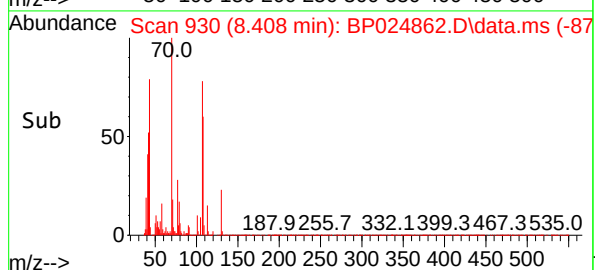
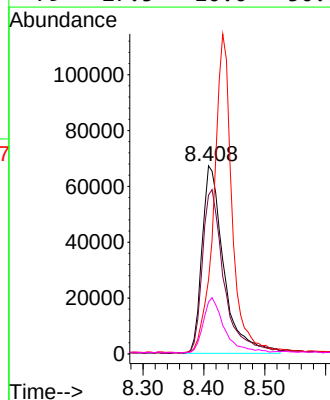
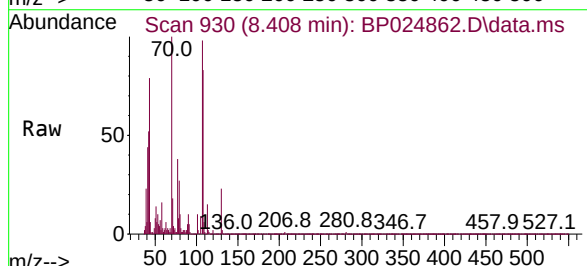
Ion Ratio Lower Upper

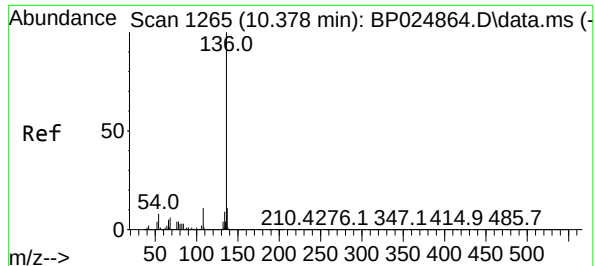
107 100

108 84.4 70.7 110.7

77 39.3 16.6 56.6

79 27.5 10.0 50.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

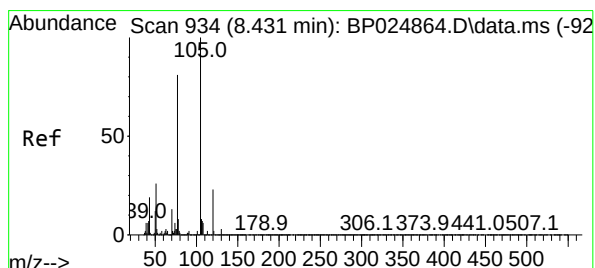
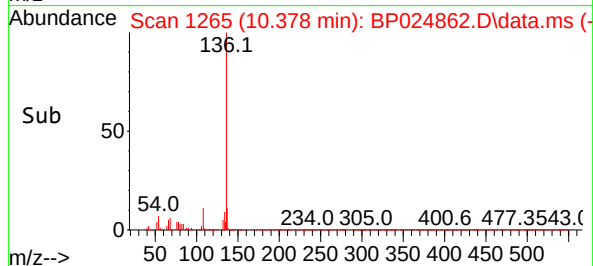
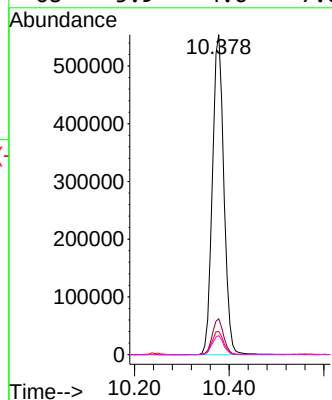
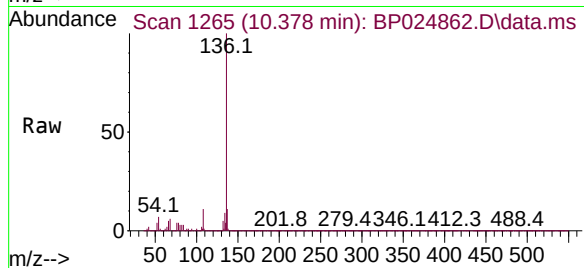
SSTDIC010

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.2	6.1	9.1
68	5.9	4.6	7.0

Manual Integrations

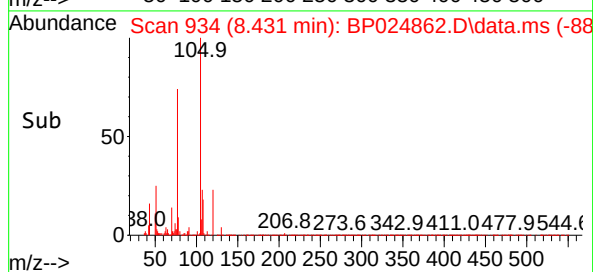
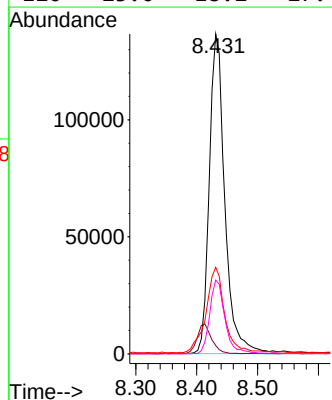
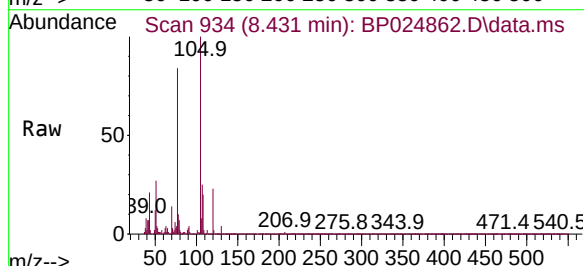
APPROVED

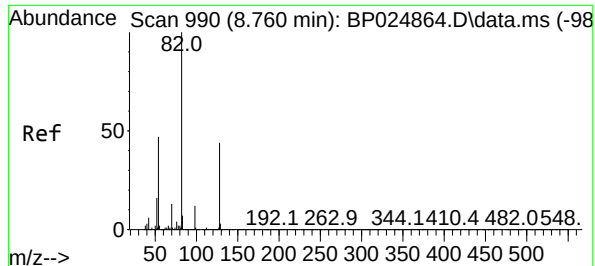
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#22
Acetophenone
Concen: 10.317 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.6	1.6	2.4
51	27.0	20.6	31.0
120	23.0	18.2	27.4





#23

Nitrobenzene-d5

Concen: 19.290 ng

RT: 8.760 min Scan# 990

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 36907

Ion Ratio Lower Upper

82 100

128 43.3 35.3 52.9

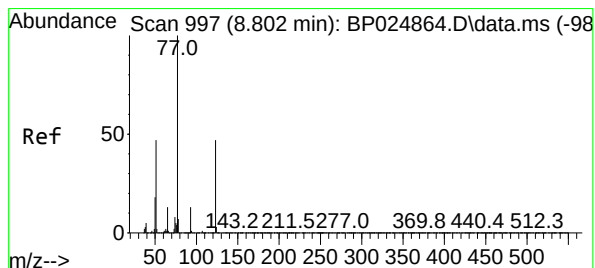
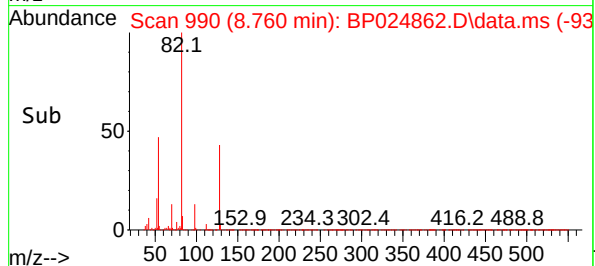
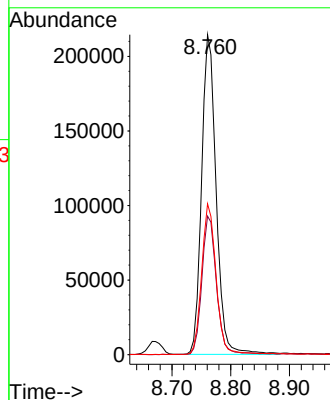
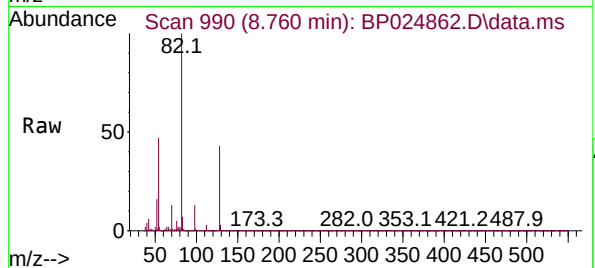
54 47.2 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#24

Nitrobenzene

Concen: 9.590 ng

RT: 8.802 min Scan# 997

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

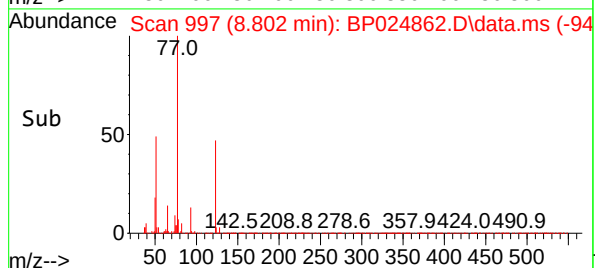
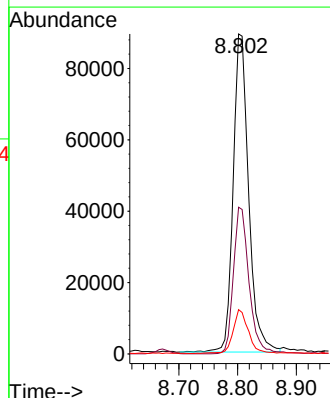
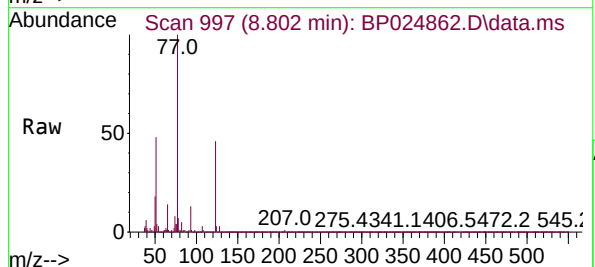
Tgt Ion: 77 Resp: 163008

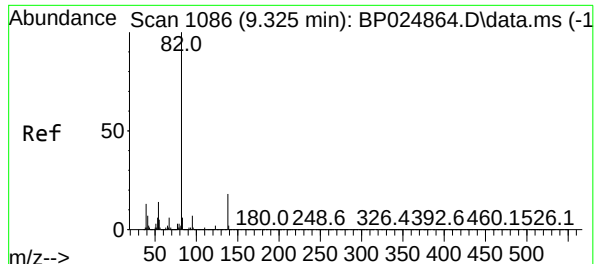
Ion Ratio Lower Upper

77 100

123 45.8 37.3 55.9

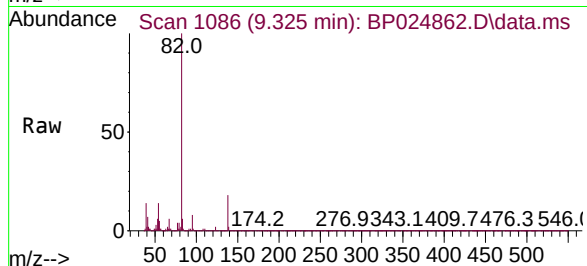
65 13.8 10.8 16.2





#25
Isophorone
Concen: 9.500 ng
RT: 9.325 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

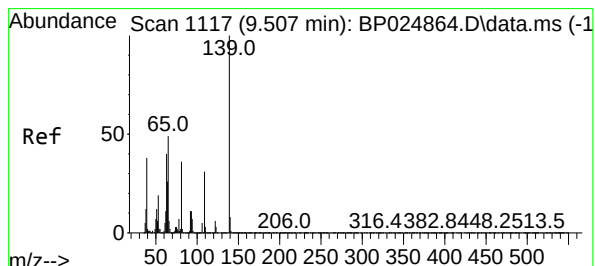
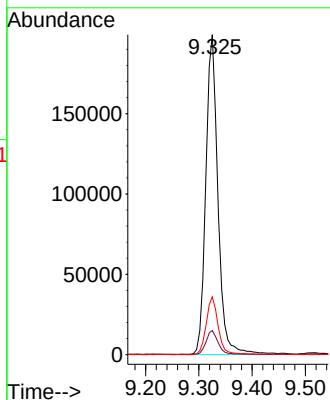
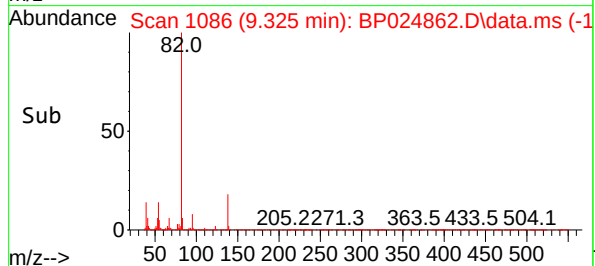
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 31502
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.1 14.6 21.8

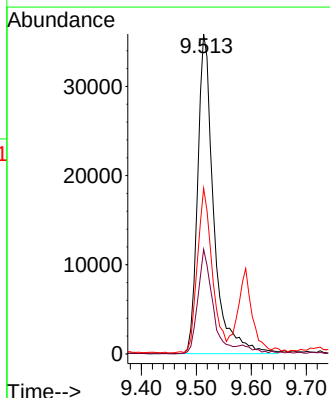
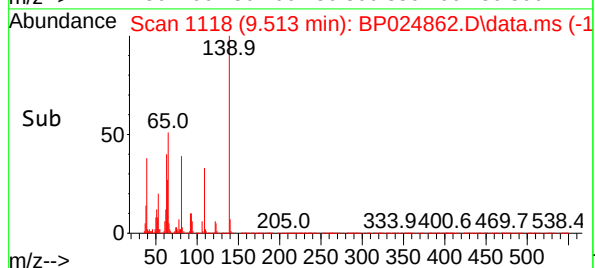
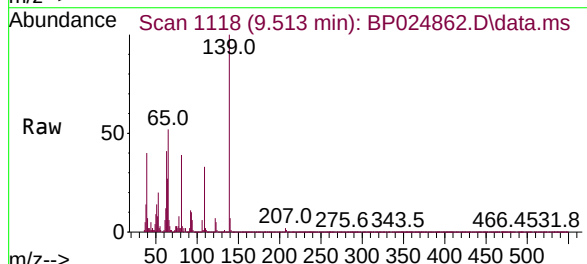
Manual Integrations
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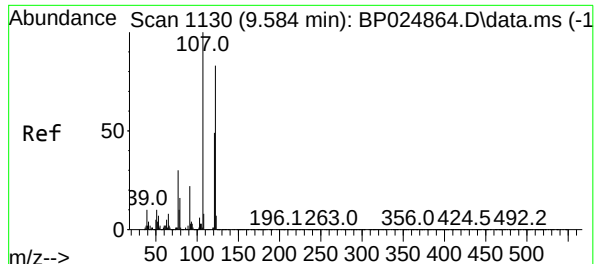
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#26
2-Nitrophenol
Concen: 8.692 ng
RT: 9.513 min Scan# 1118
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:139 Resp: 72892
Ion Ratio Lower Upper
139 100
109 32.7 24.6 37.0
65 51.8 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 9.251 ng

RT: 9.590 min Scan# 1130

Delta R.T. 0.006 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:122 Resp: 13278

Ion Ratio Lower Upper

122 100

107 116.3 96.2 144.4

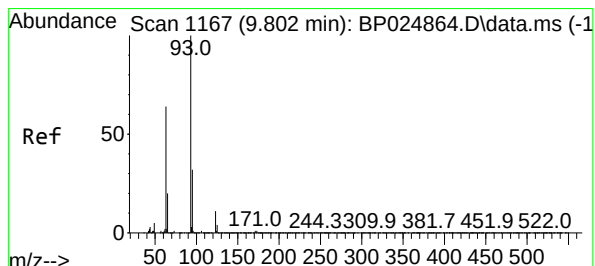
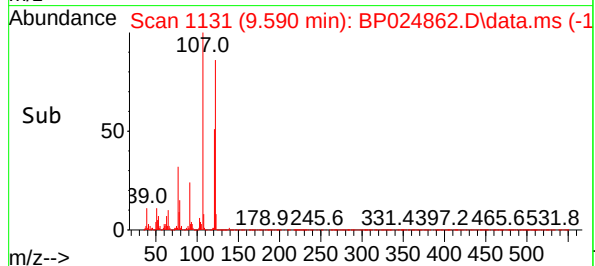
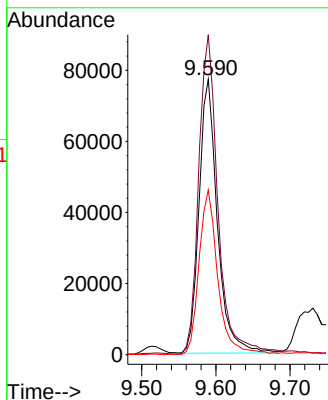
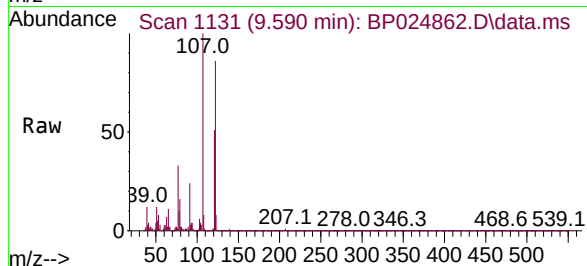
121 59.8 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#28

bis(2-Chloroethoxy)methane

Concen: 9.590 ng

RT: 9.802 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

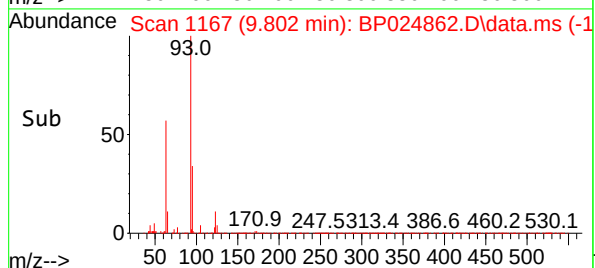
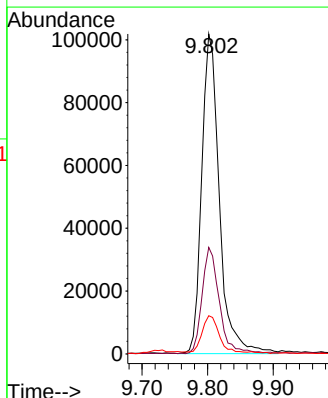
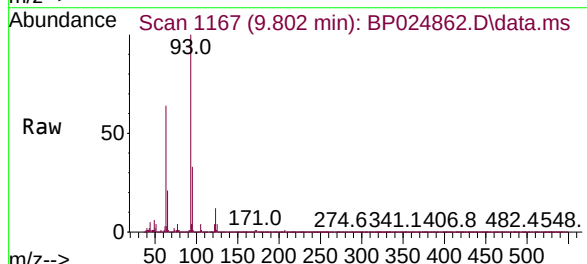
Tgt Ion: 93 Resp: 189690

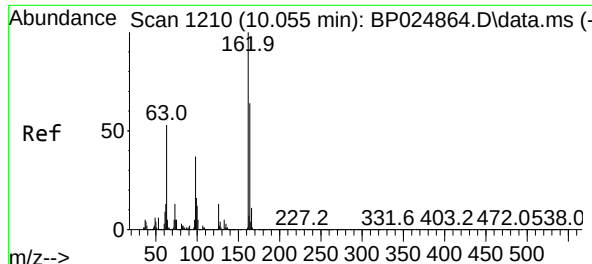
Ion Ratio Lower Upper

93 100

95 33.3 25.5 38.3

123 12.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 9.187 ng

RT: 10.072 min Scan# 1210

Delta R.T. 0.018 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 12652

Ion Ratio Lower Upper

162 100

164 62.8 44.0 84.0

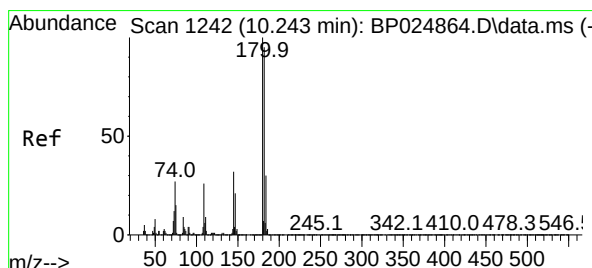
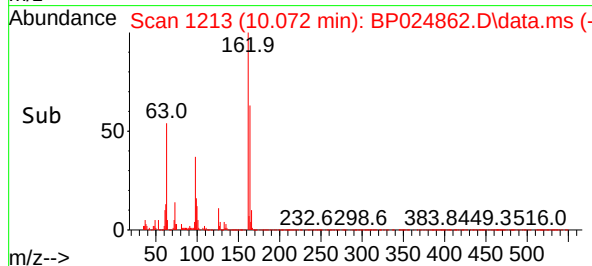
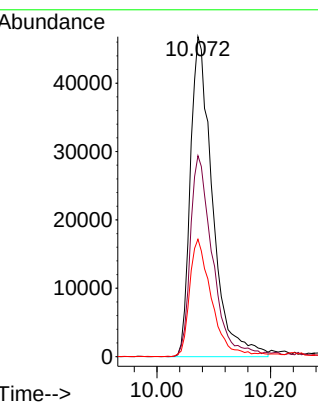
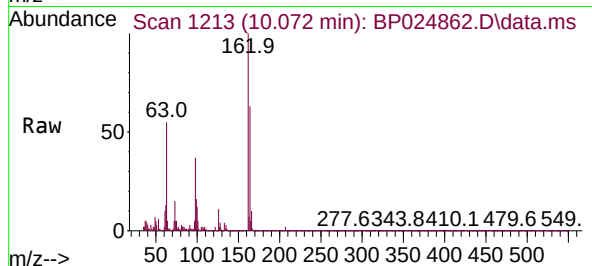
98 36.7 16.9 56.9

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#30

1,2,4-Trichlorobenzene

Concen: 9.544 ng

RT: 10.243 min Scan# 1242

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

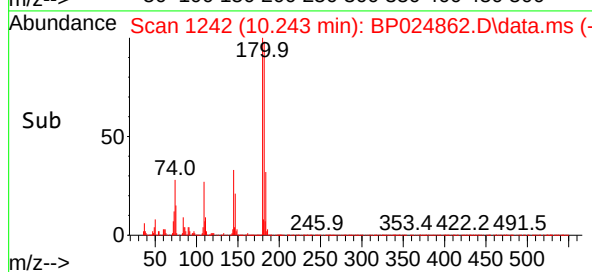
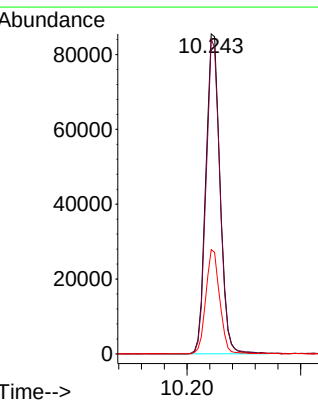
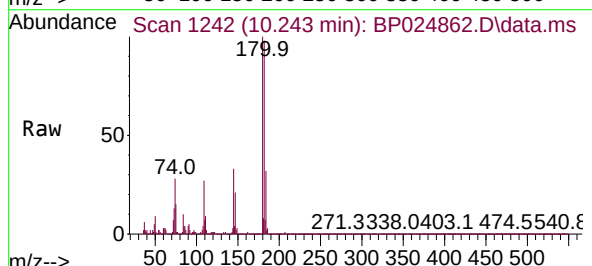
Tgt Ion:180 Resp: 148252

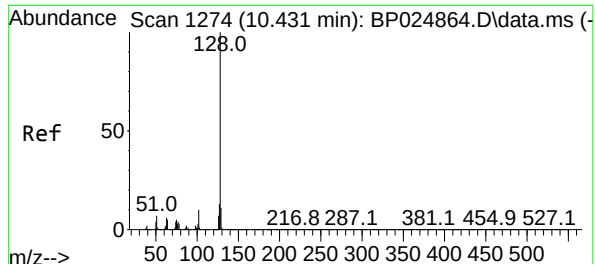
Ion Ratio Lower Upper

180 100

182 98.4 75.8 113.6

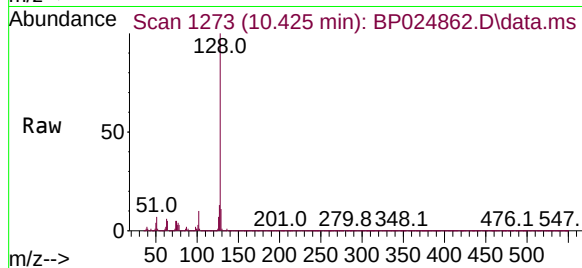
145 32.6 25.7 38.5





#31
Naphthalene
Concen: 9.969 ng
RT: 10.425 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

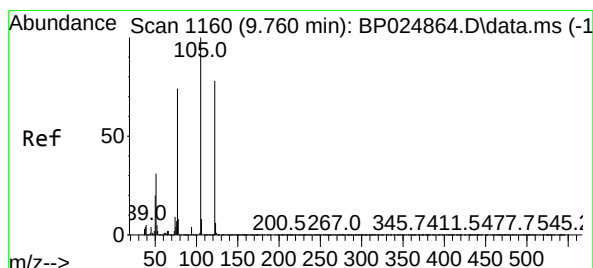
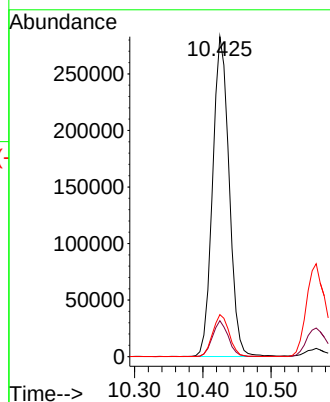
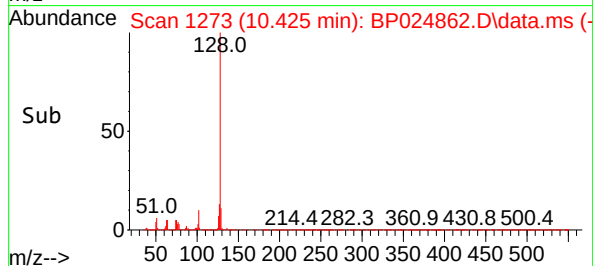
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:128 Resp: 474962
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.1 10.7 16.1

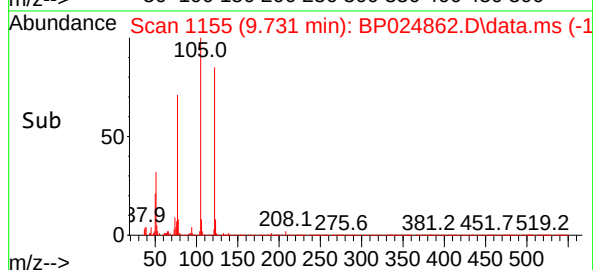
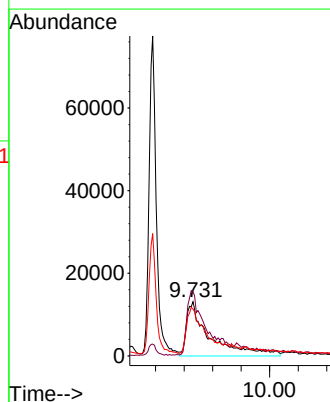
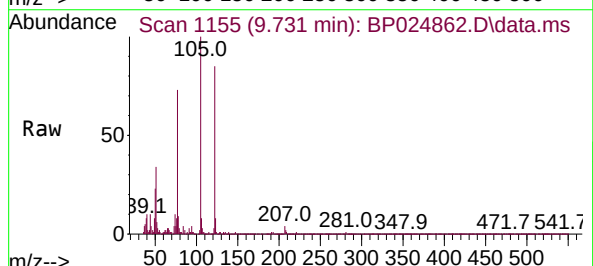
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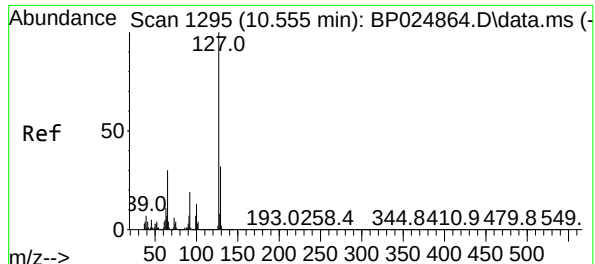
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#32
Benzoic acid
Concen: 7.736 ng m
RT: 9.731 min Scan# 1155
Delta R.T. -0.029 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

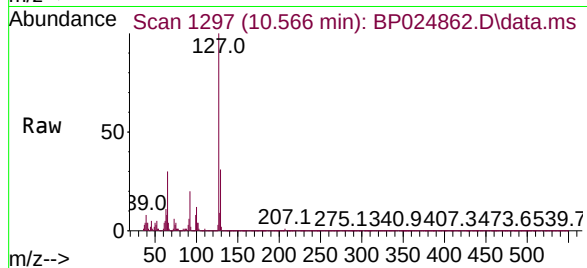
Tgt Ion:122 Resp: 74032
Ion Ratio Lower Upper
122 100
105 118.3 107.1 147.1
77 86.5 75.1 115.1





#33
4-Chloroaniline
Concen: 9.338 ng
RT: 10.566 min Scan# 1297
Delta R.T. 0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

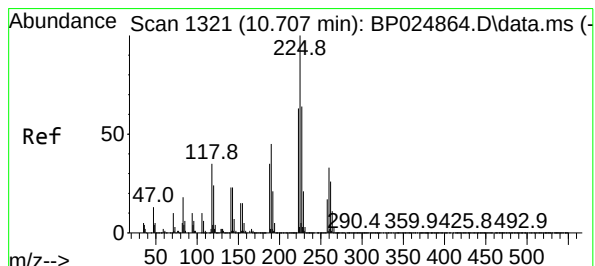
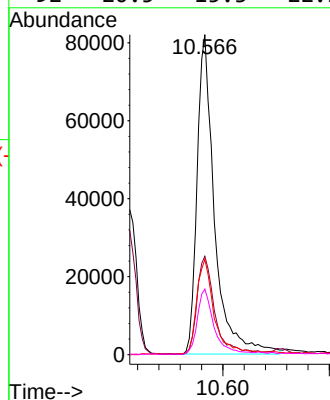
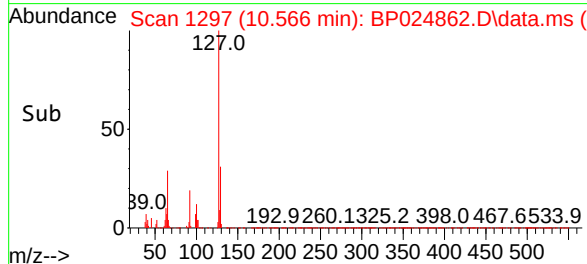
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:127 Resp: 186400
Ion Ratio Lower Upper
127 100
129 30.7 25.9 38.9
65 29.7 23.9 35.9
92 20.5 15.3 22.9

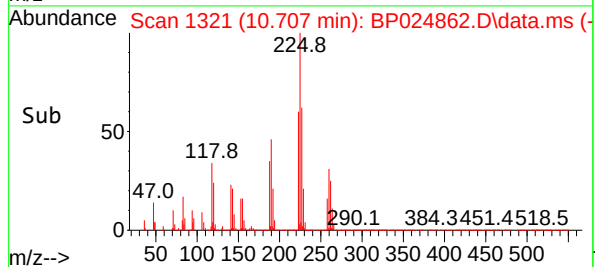
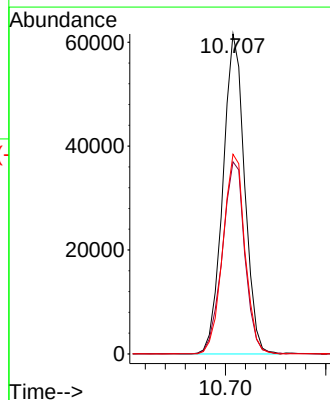
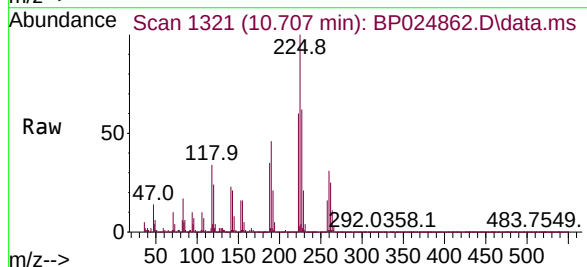
Manual Integrations
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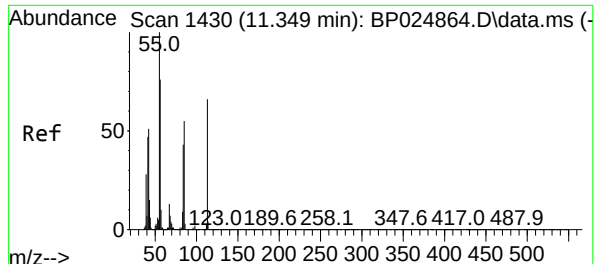
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#34
Hexachlorobutadiene
Concen: 9.880 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

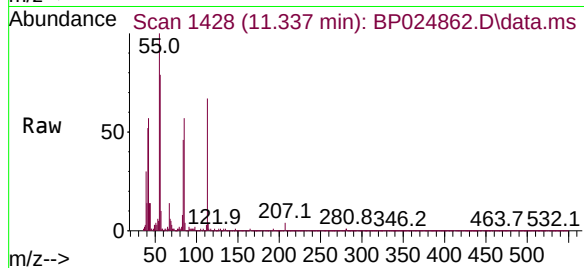
Tgt Ion:225 Resp: 92498
Ion Ratio Lower Upper
225 100
223 60.0 50.5 75.7
227 62.4 51.4 77.2





#35
Caprolactam
Concen: 8.949 ng
RT: 11.337 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

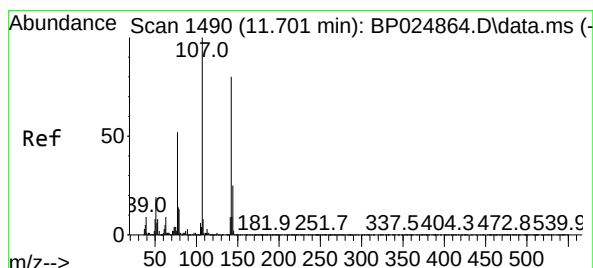
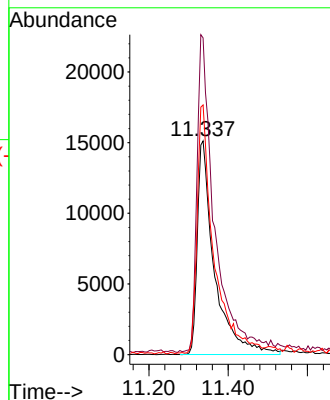
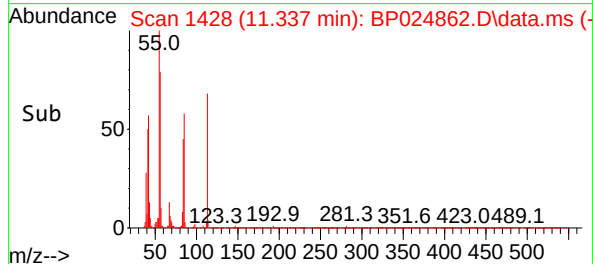
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



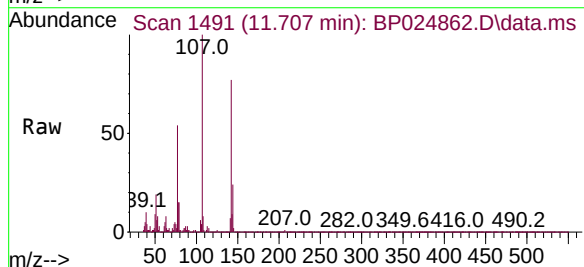
Tgt Ion:113 Resp: 45366
Ion Ratio Lower Upper
113 100
55 148.2 132.5 172.5
56 116.8 96.0 136.0

Manual Integrations
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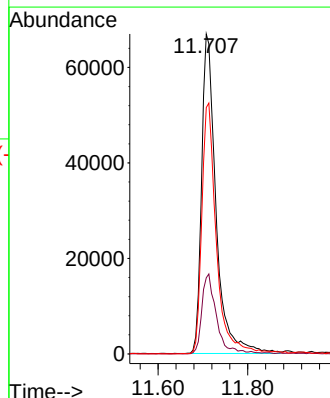
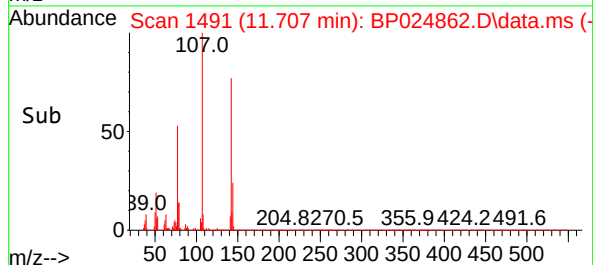
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

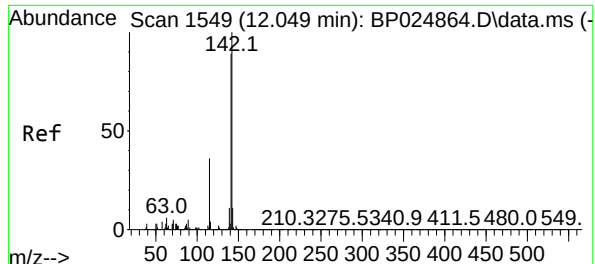


#36
4-Chloro-3-methylphenol
Concen: 9.418 ng
RT: 11.707 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52



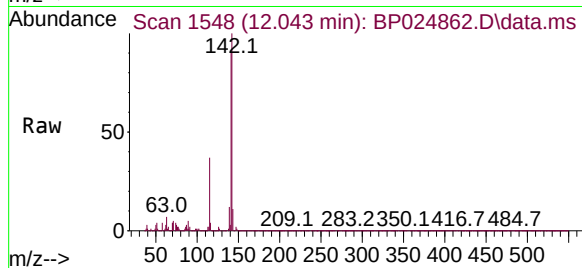
Tgt Ion:107 Resp: 149607
Ion Ratio Lower Upper
107 100
144 23.8 20.4 30.6
142 77.0 63.8 95.6





#37
2-Methylnaphthalene
Concen: 9.810 ng
RT: 12.043 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

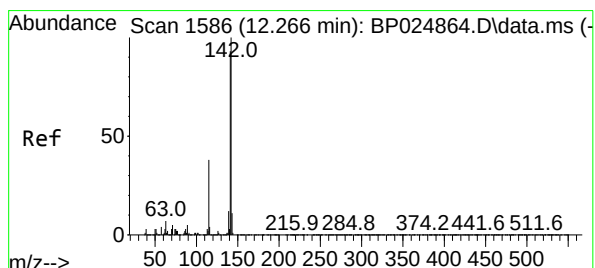
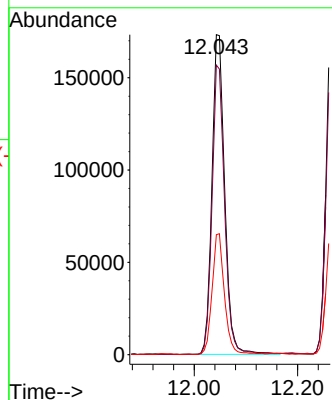
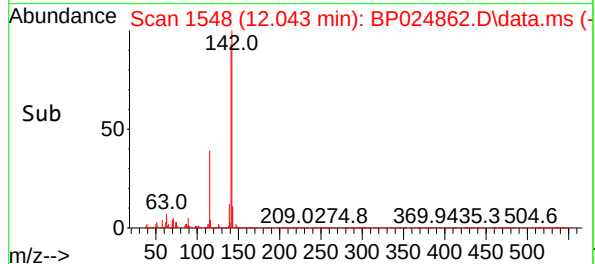
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:142 Resp: 296478
Ion Ratio Lower Upper
142 100
141 90.5 71.2 106.8
115 37.5 28.5 42.7

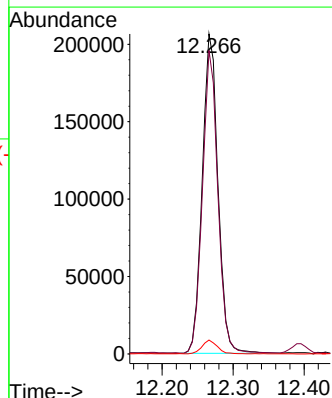
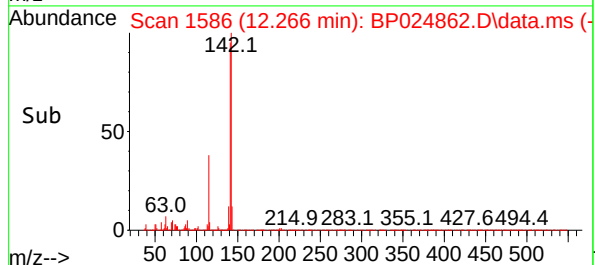
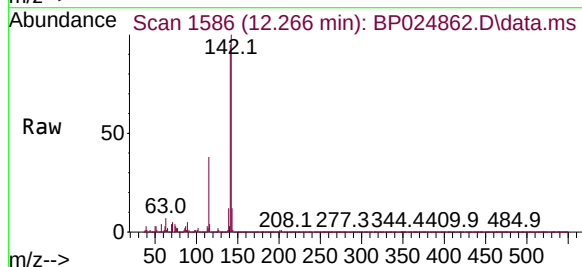
Manual Integrations
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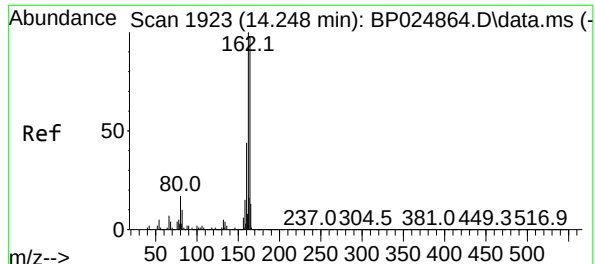
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#38
1-Methylnaphthalene
Concen: 9.786 ng
RT: 12.266 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

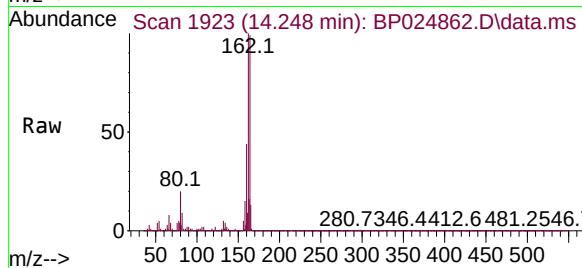
Tgt Ion:142 Resp: 316179
Ion Ratio Lower Upper
142 100
141 94.8 74.7 112.1
116 4.3 3.4 5.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

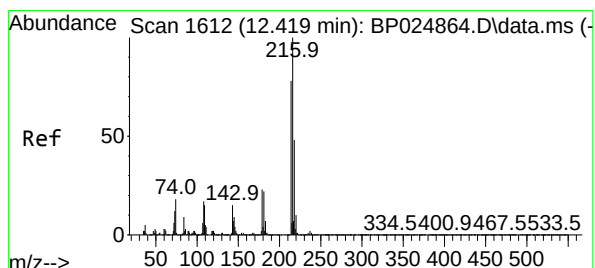
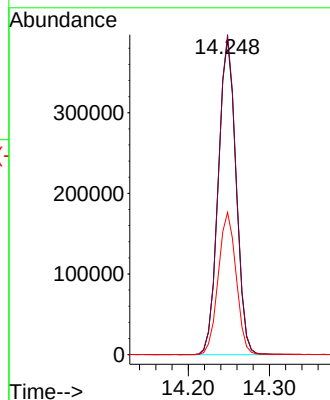
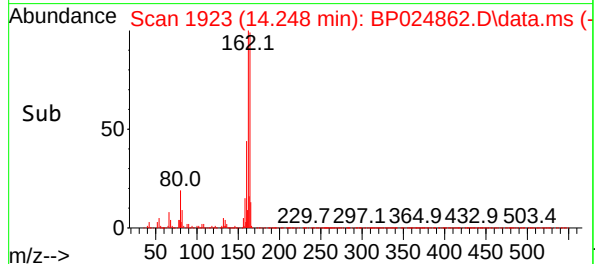
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



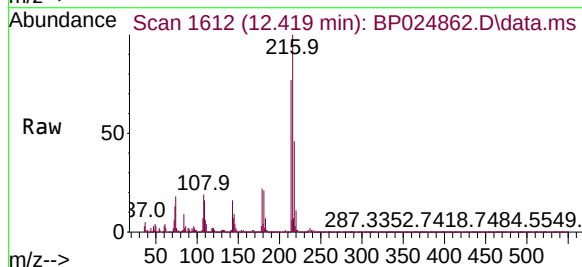
Tgt Ion:164 Resp: 594373
Ion Ratio Lower Upper
164 100
162 101.5 81.6 122.4
160 45.1 36.2 54.2

Manual Integrations
APPROVED

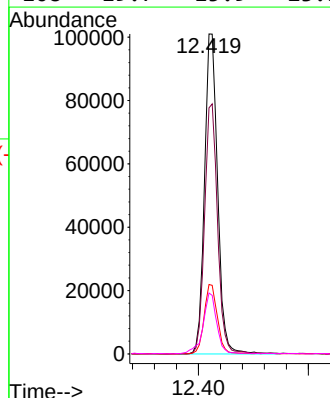
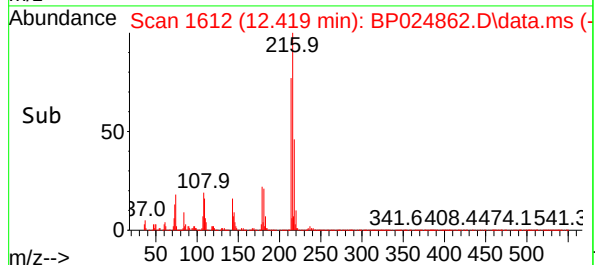
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

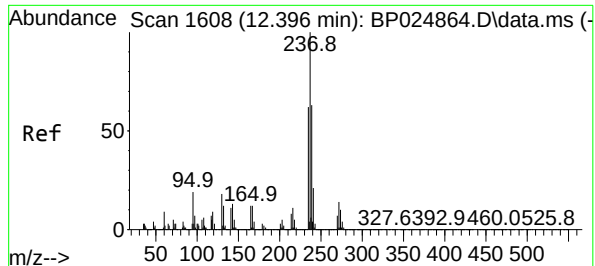


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.888 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52



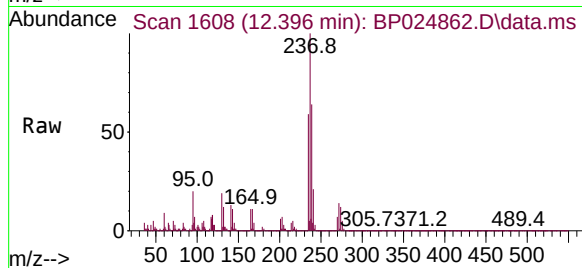
Tgt Ion:216 Resp: 166771
Ion Ratio Lower Upper
216 100
214 77.6 63.0 94.4
179 21.9 17.8 26.6
108 19.7 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 7.477 ng
RT: 12.396 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

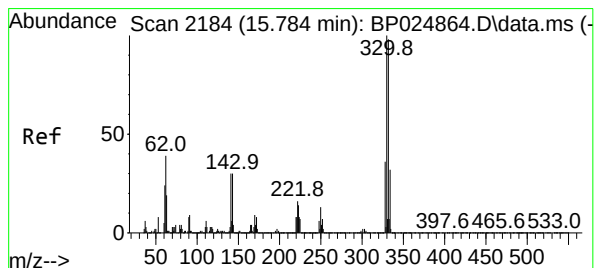
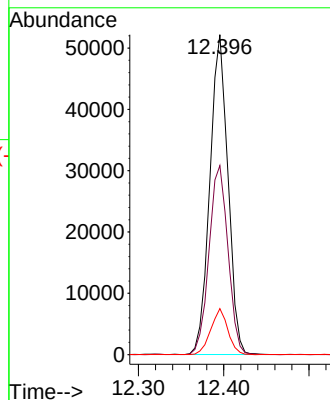
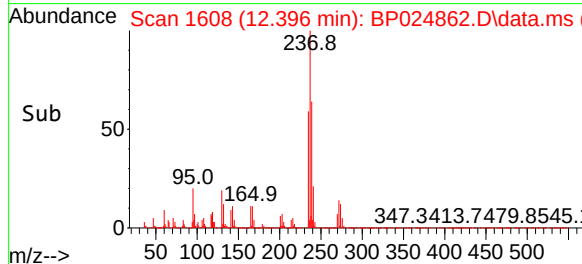
Instrument :
BNA_P
Client Sample Id :
SSTDICC010



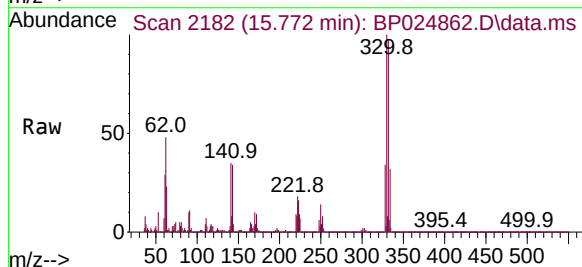
Tgt Ion: 237 Resp: 76916
Ion Ratio Lower Upper
237 100
235 59.1 41.9 81.9
272 14.4 0.0 33.7

Manual Integrations
APPROVED

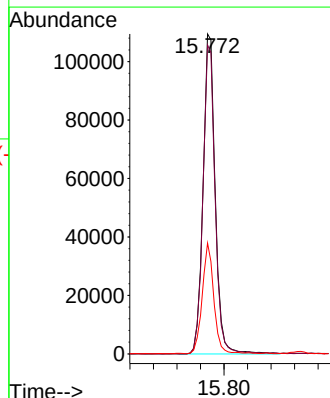
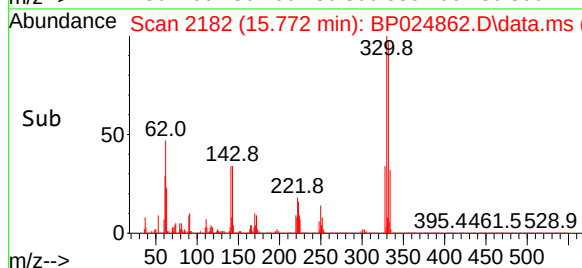
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

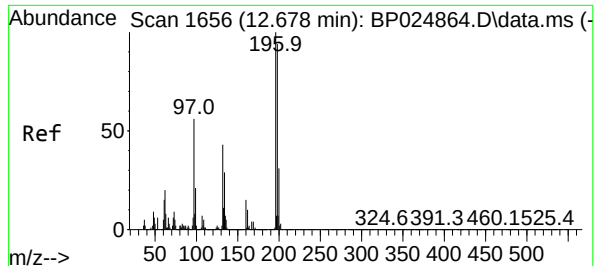


#42
2,4,6-Tribromophenol
Concen: 19.089 ng
RT: 15.772 min Scan# 2182
Delta R.T. -0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52



Tgt Ion: 330 Resp: 156861
Ion Ratio Lower Upper
330 100
332 96.4 77.7 116.5
141 33.1 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 9.248 ng

RT: 12.684 min Scan# 1656

Delta R.T. 0.006 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:196 Resp: 104746

Ion Ratio Lower Upper

196 100

198 90.6 75.4 113.0

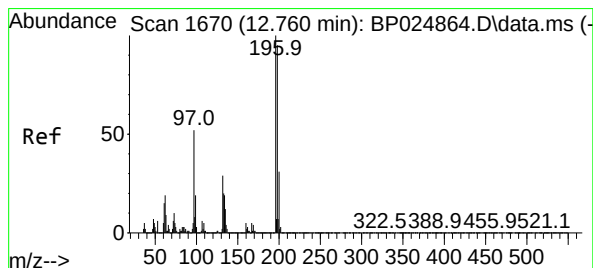
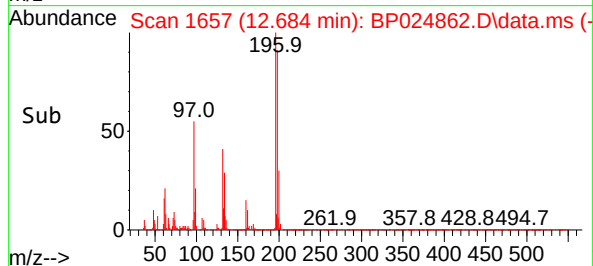
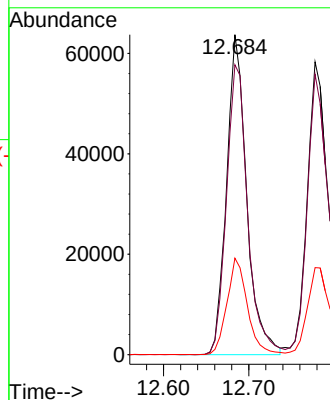
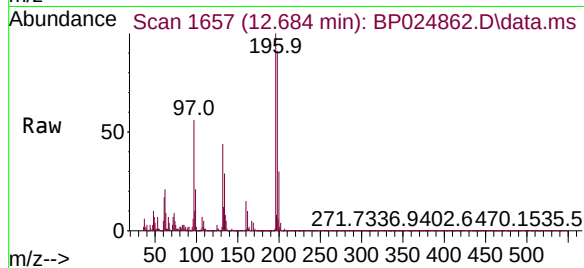
200 30.1 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#44

2,4,5-Trichlorophenol

Concen: 9.294 ng

RT: 12.778 min Scan# 1673

Delta R.T. 0.018 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Tgt Ion:196 Resp: 112735

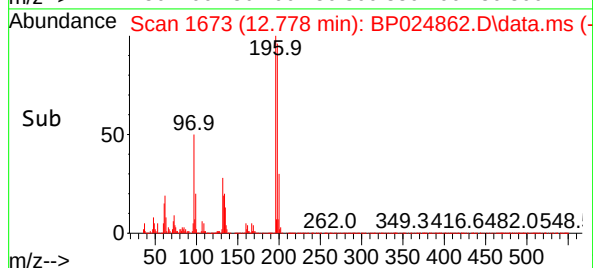
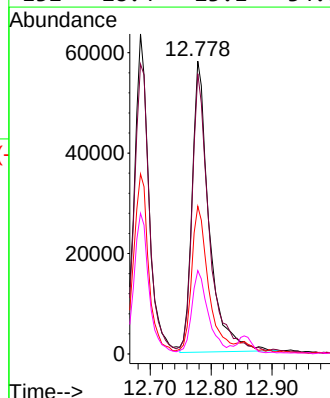
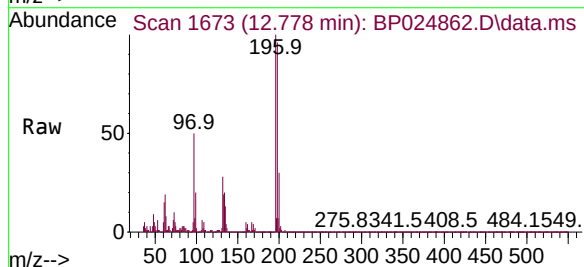
Ion Ratio Lower Upper

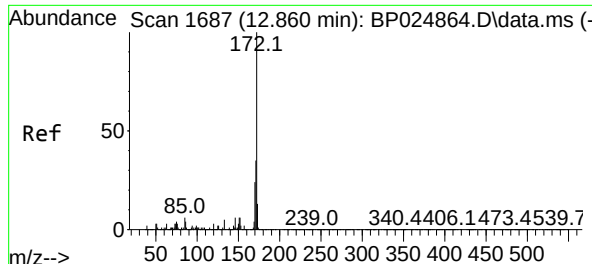
196 100

198 95.7 76.0 114.0

97 50.4 41.5 62.3

132 28.4 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 20.308 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

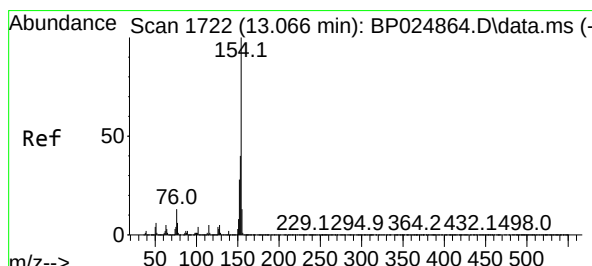
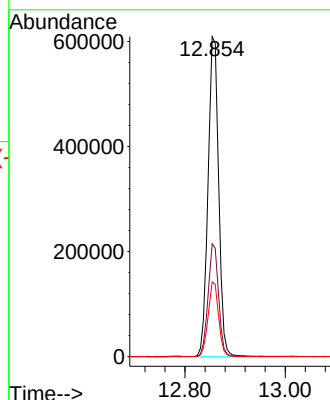
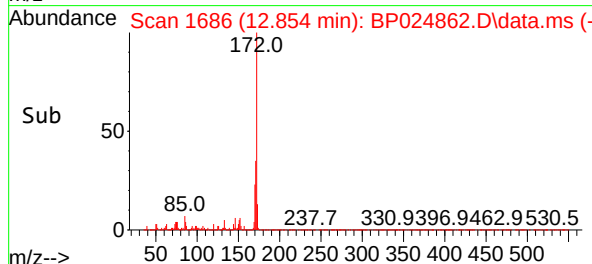
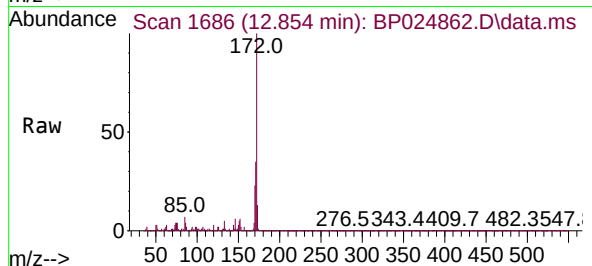
Tgt Ion:	172	Resp:	896004
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.3	42.5
170	23.3	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#46

1,1'-Biphenyl

Concen: 10.020 ng

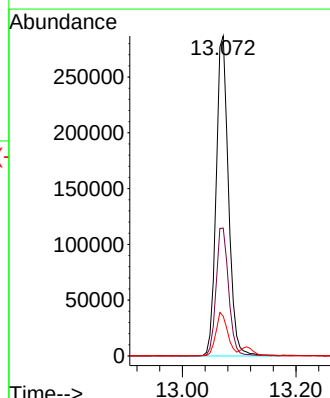
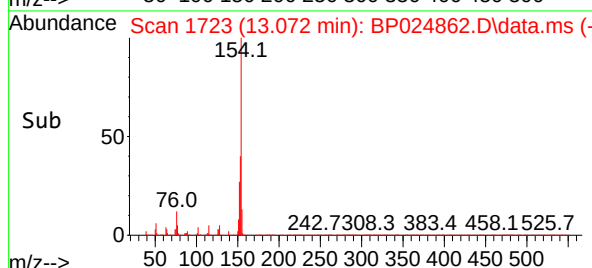
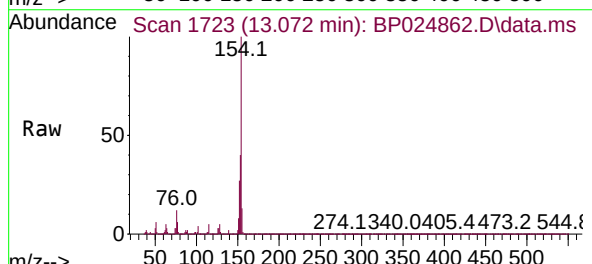
RT: 13.072 min Scan# 1723

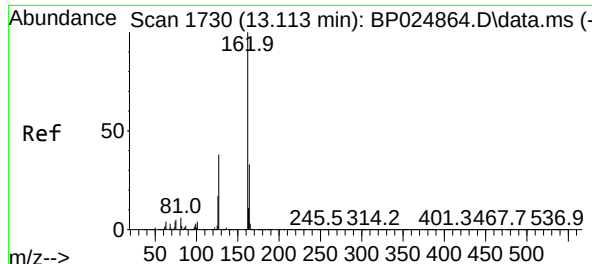
Delta R.T. 0.006 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Tgt Ion:	154	Resp:	432819
Ion Ratio	Lower	Upper	
154	100		
153	39.9	20.3	60.3
76	12.4	0.0	33.0





#47

2-Chloronaphthalene

Concen: 9.882 ng

RT: 13.113 min Scan# 1730

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 328060

Ion Ratio Lower Upper

162 100

127 42.8 32.5 48.7

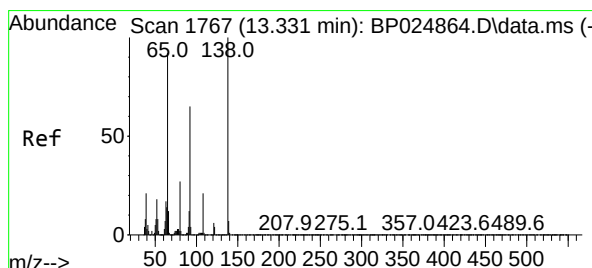
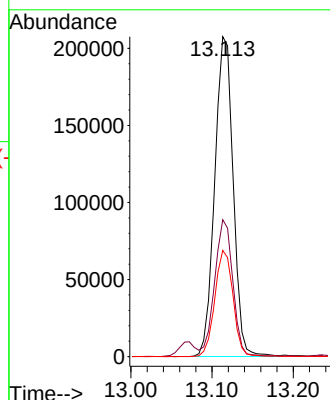
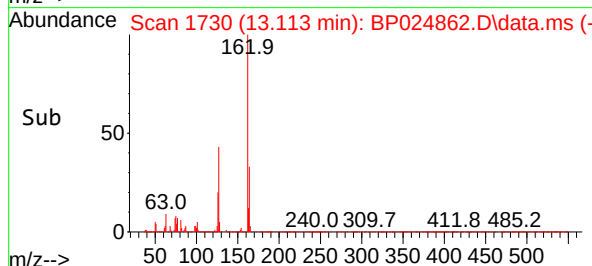
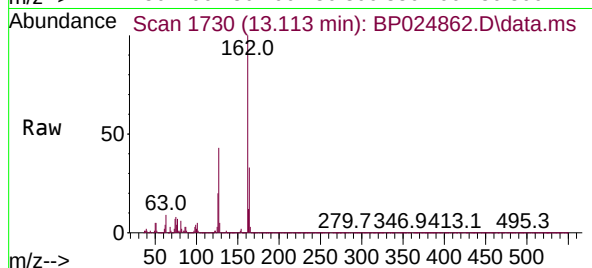
164 33.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#48

2-Nitroaniline

Concen: 9.426 ng

RT: 13.337 min Scan# 1768

Delta R.T. 0.006 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

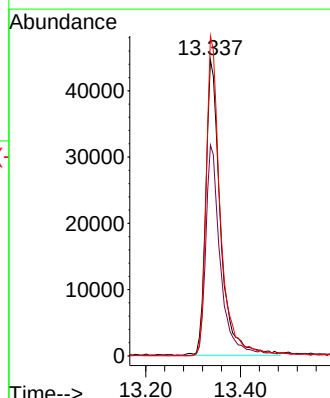
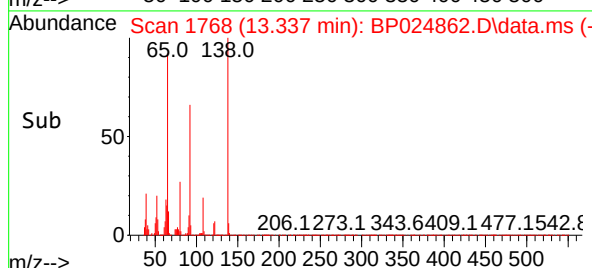
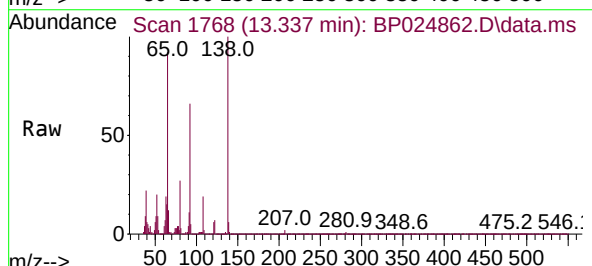
Tgt Ion: 65 Resp: 96210

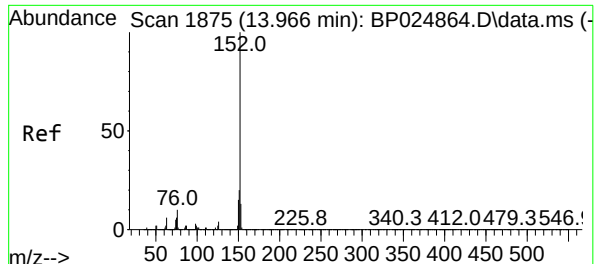
Ion Ratio Lower Upper

65 100

92 71.3 56.8 85.2

138 108.2 86.9 130.3





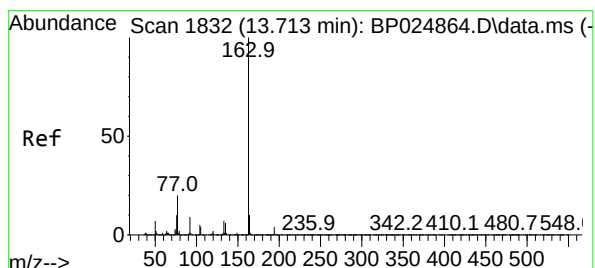
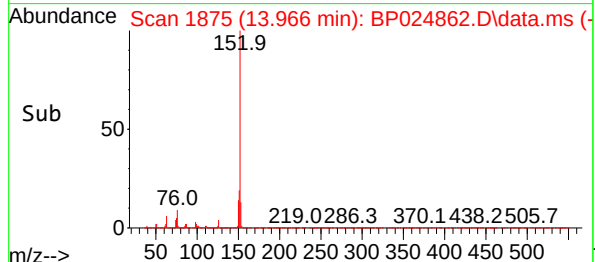
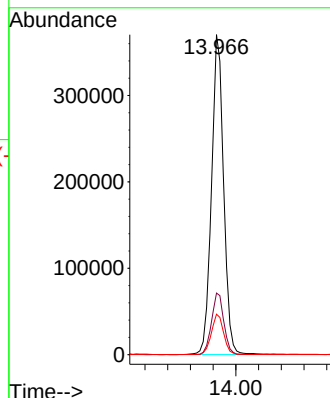
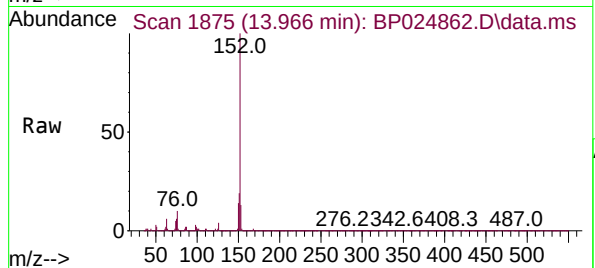
#49
Acenaphthylene
Concen: 9.939 ng
RT: 13.966 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 550191
Ion Ratio Lower Upper
152 100
151 19.2 16.2 24.2
153 12.7 10.6 15.8

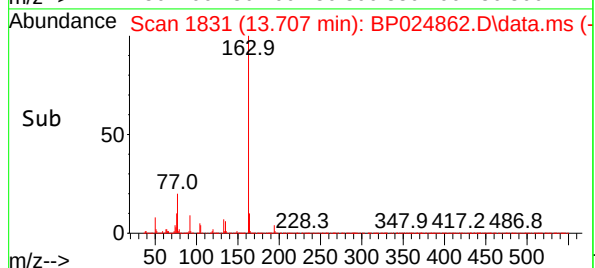
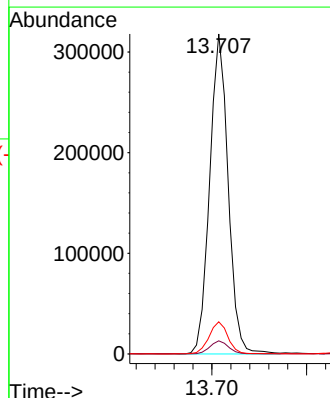
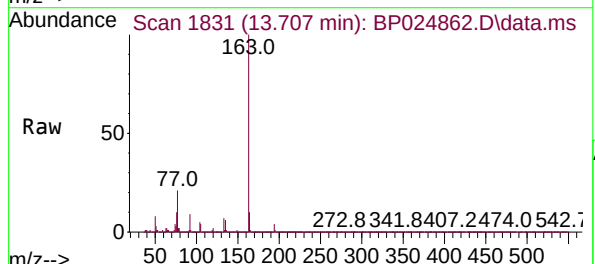
Manual Integrations
APPROVED

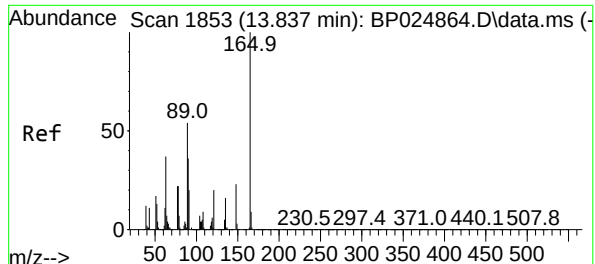
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#50
Dimethylphthalate
Concen: 9.826 ng
RT: 13.707 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

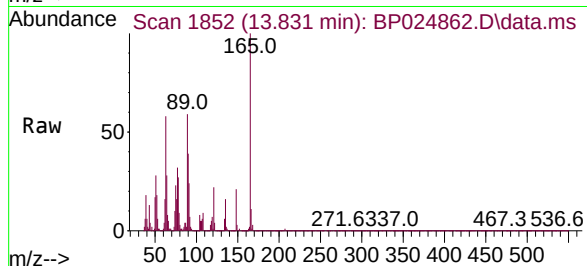
Tgt Ion:163 Resp: 430821
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 9.461 ng
RT: 13.831 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

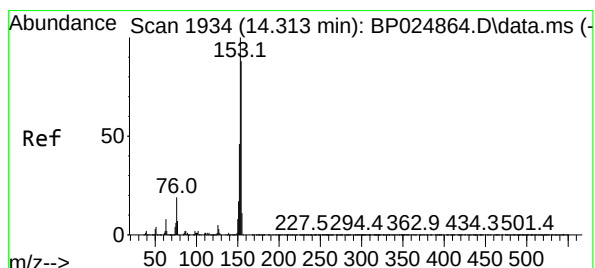
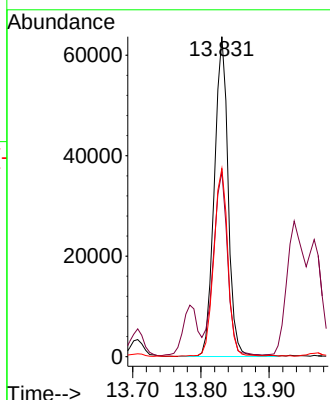
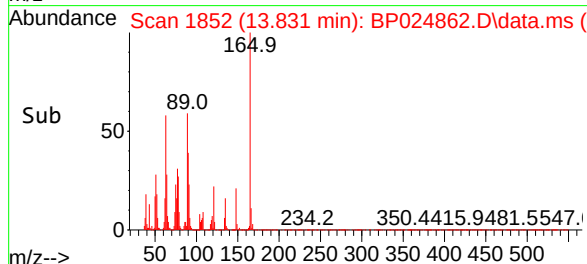
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 89432
Ion Ratio Lower Upper
165 100
63 57.8 41.8 62.8
89 58.8 43.1 64.7

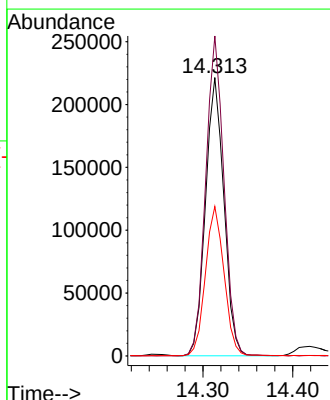
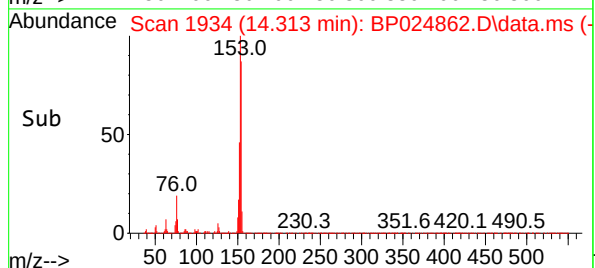
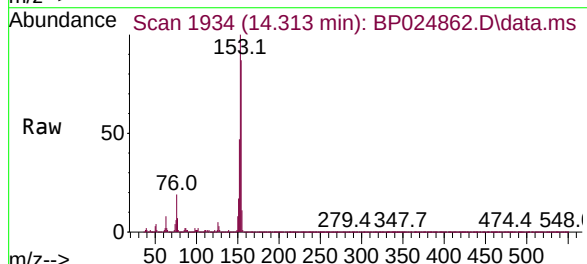
Manual Integrations
APPROVED

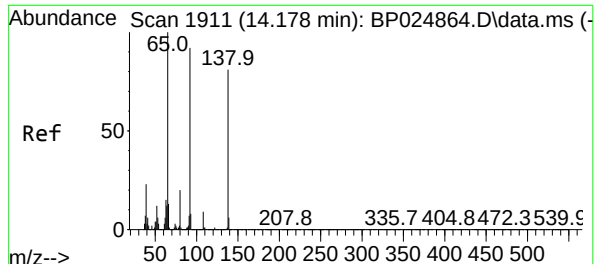
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#52
Acenaphthene
Concen: 9.967 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

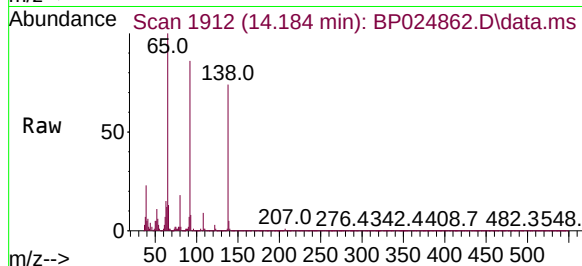
Tgt Ion:154 Resp: 316133
Ion Ratio Lower Upper
154 100
153 115.0 90.5 135.7
152 53.7 42.1 63.1





#53
3-Nitroaniline
Concen: 8.838 ng
RT: 14.184 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

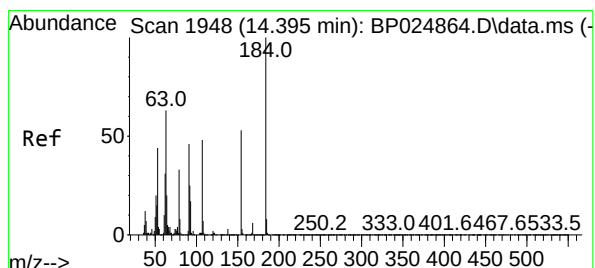
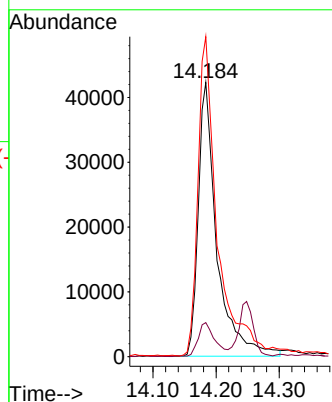
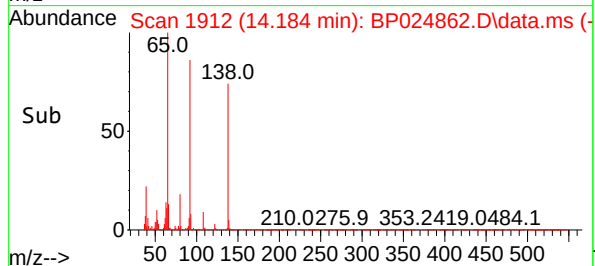
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:138 Resp: 86690
Ion Ratio Lower Upper
138 100
108 12.4 8.6 12.8
92 116.7 91.3 136.9

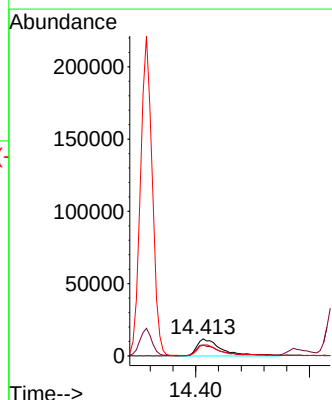
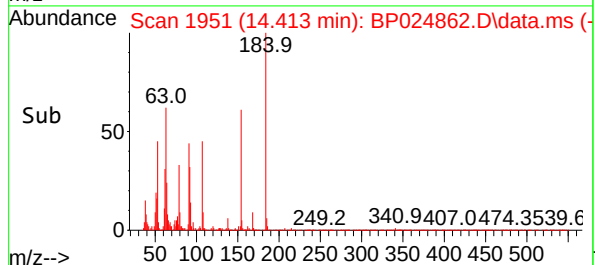
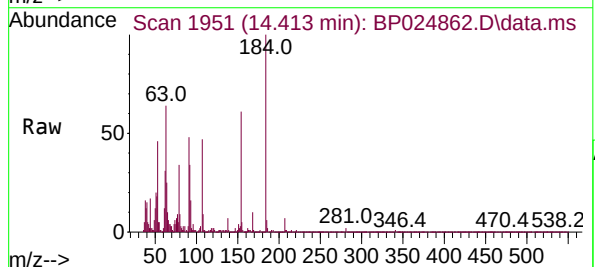
Manual Integrations
APPROVED

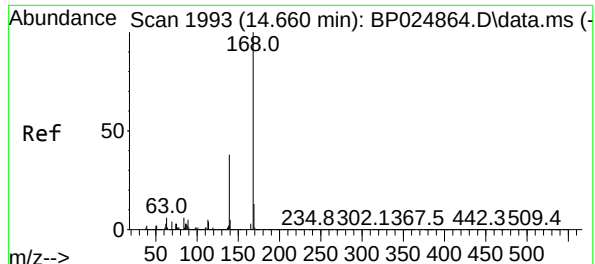
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#54
2,4-Dinitrophenol
Concen: 10.838 ng
RT: 14.413 min Scan# 1951
Delta R.T. 0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

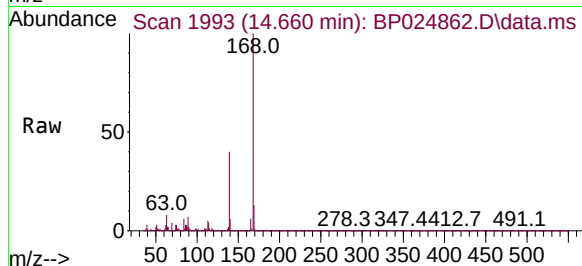
Tgt Ion:184 Resp: 34890
Ion Ratio Lower Upper
184 100
63 64.5 51.0 76.4
154 61.4 51.7 77.5





#55
Dibenzenofuran
Concen: 10.045 ng
RT: 14.660 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

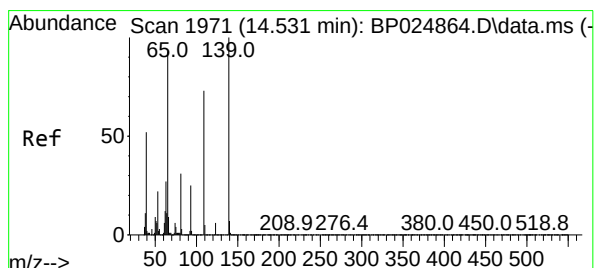
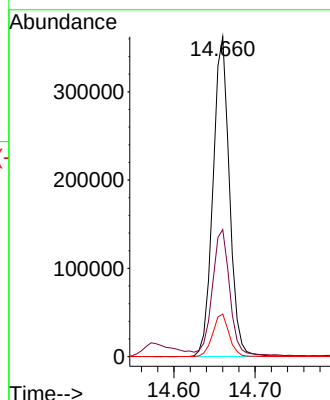
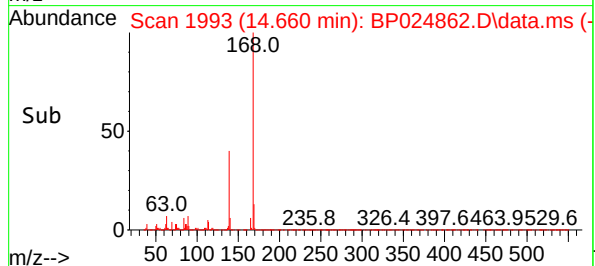
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:168 Resp: 511434
Ion Ratio Lower Upper
168 100
139 39.7 31.6 47.4
169 13.3 10.6 15.8

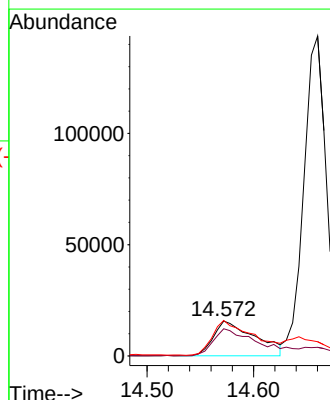
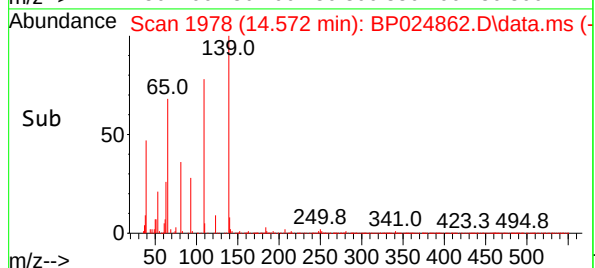
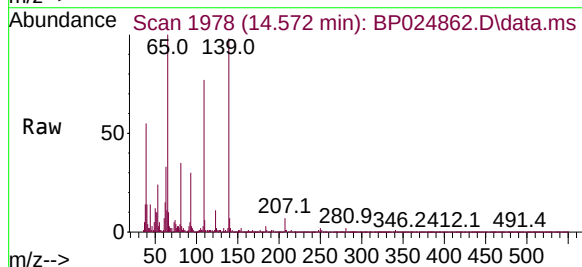
Manual Integrations
APPROVED

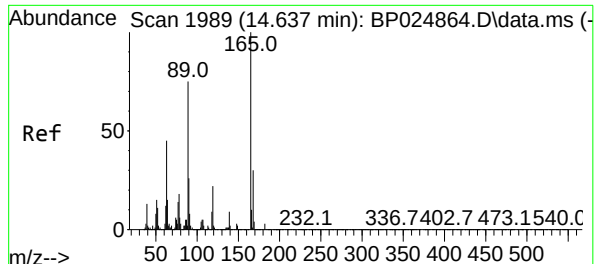
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#56
4-Nitrophenol
Concen: 10.135 ng
RT: 14.572 min Scan# 1978
Delta R.T. 0.041 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

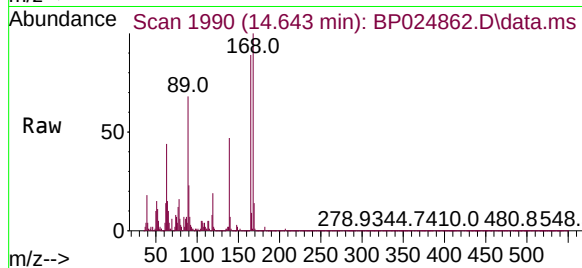
Tgt Ion:139 Resp: 42087
Ion Ratio Lower Upper
139 100
109 78.0 53.1 93.1
65 101.9 73.0 113.0





#57
2,4-Dinitrotoluene
Concen: 9.340 ng
RT: 14.643 min Scan# 1989
Delta R.T. 0.005 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

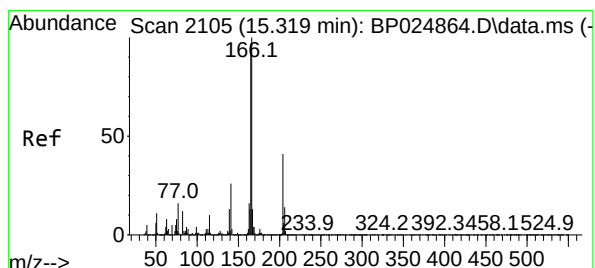
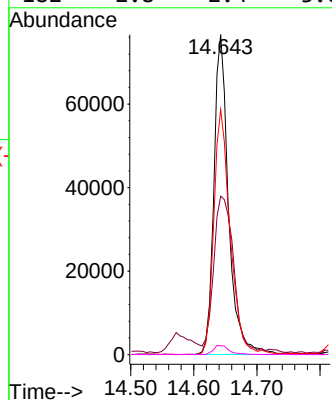
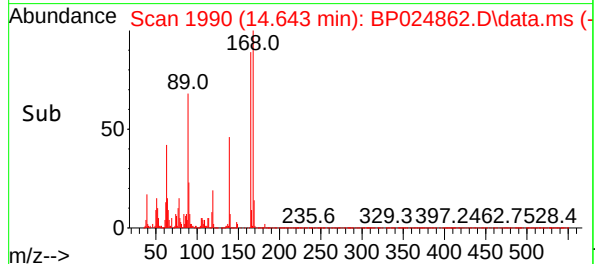
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 123499
Ion Ratio Lower Upper
165 100
63 49.5 37.0 55.6
89 76.5 60.1 90.1
182 2.8 2.4 3.6

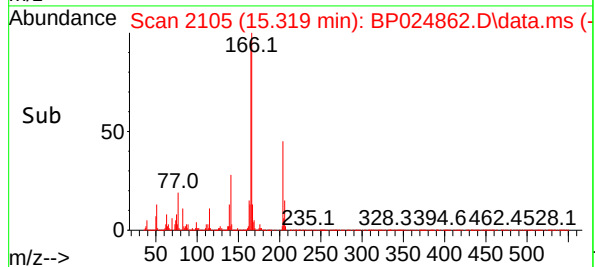
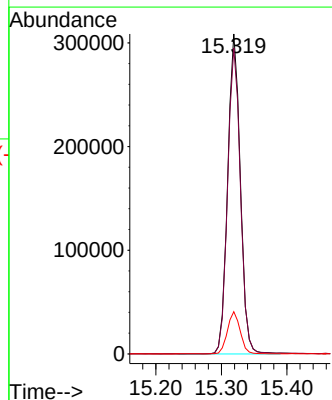
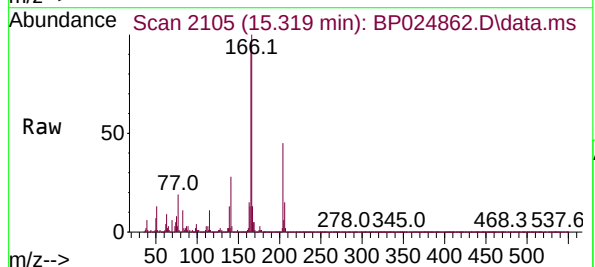
Manual Integrations
APPROVED

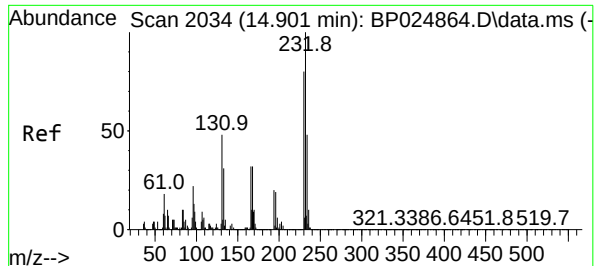
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#58
Fluorene
Concen: 10.071 ng
RT: 15.319 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

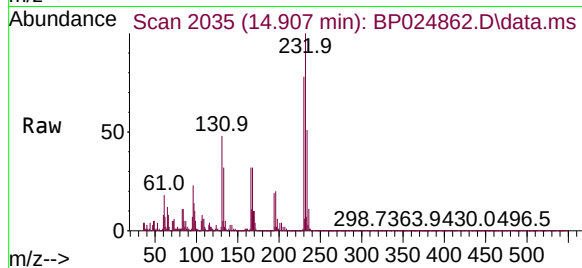
Tgt Ion:166 Resp: 414235
Ion Ratio Lower Upper
166 100
165 95.6 77.7 116.5
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.573 ng
RT: 14.907 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

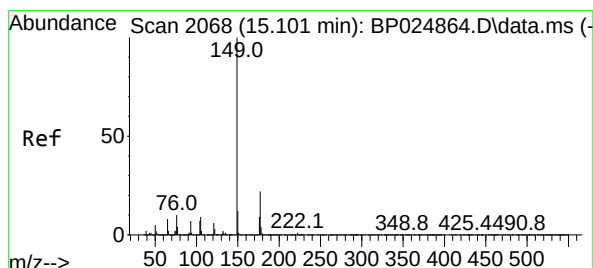
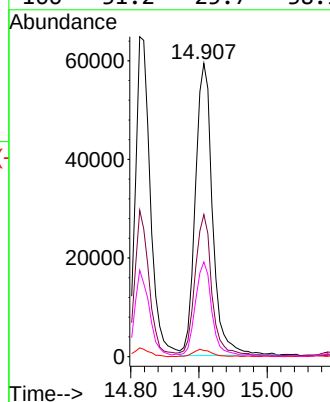
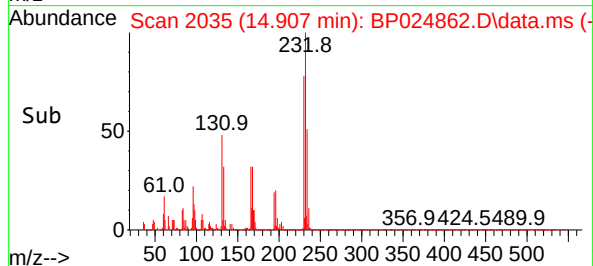
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:232 Resp: 103935
Ion Ratio Lower Upper
232 100
131 47.2 38.2 57.2
130 2.5 2.1 3.1
166 31.2 25.7 38.5

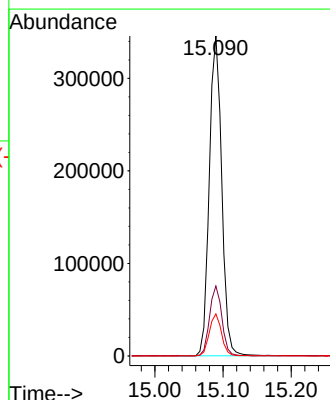
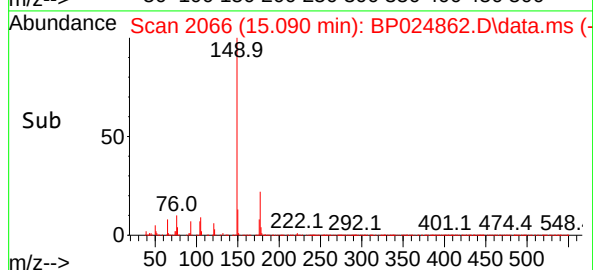
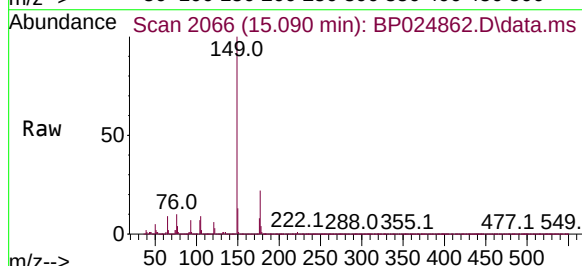
Manual Integrations
APPROVED

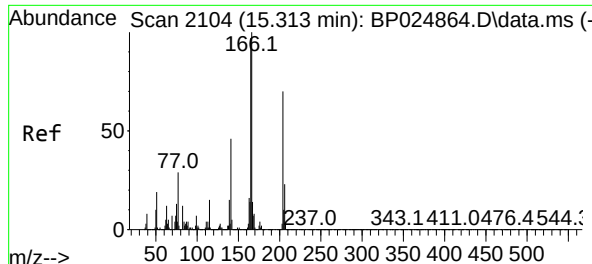
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#60
Diethylphthalate
Concen: 10.022 ng
RT: 15.090 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

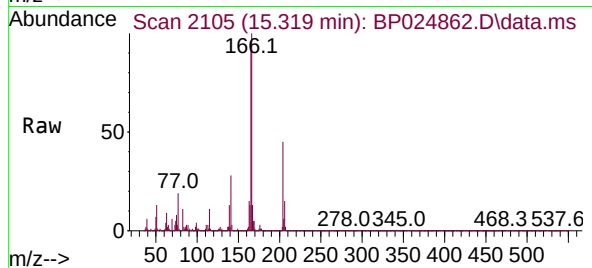
Tgt Ion:149 Resp: 437955
Ion Ratio Lower Upper
149 100
177 21.8 17.9 26.9
150 13.1 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 9.878 ng
RT: 15.319 min Scan# 2104
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

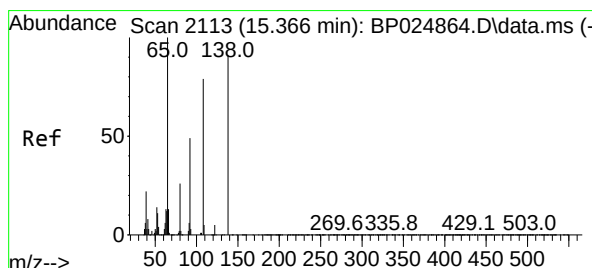
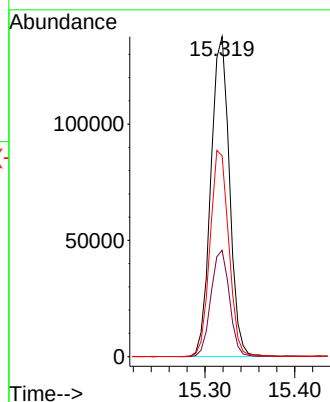
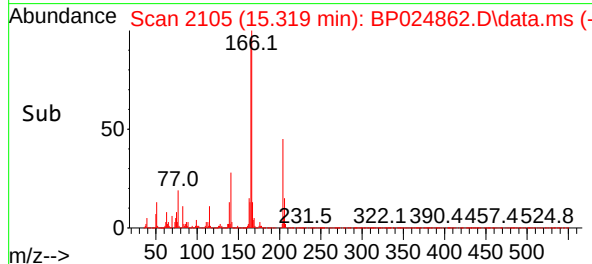
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:204 Resp: 198649
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 62.8 52.4 78.6

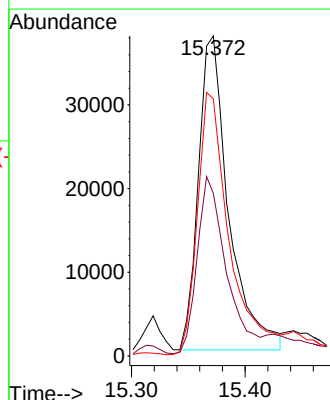
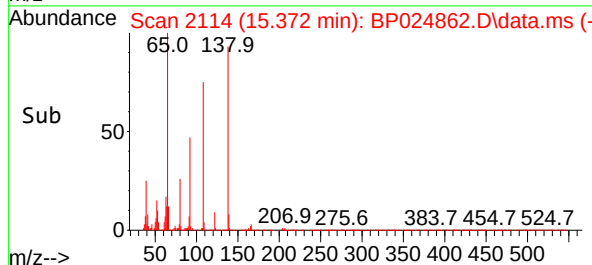
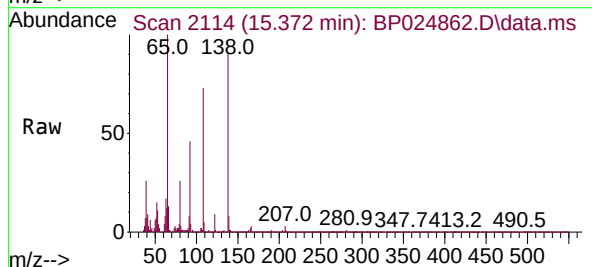
Manual Integrations
APPROVED

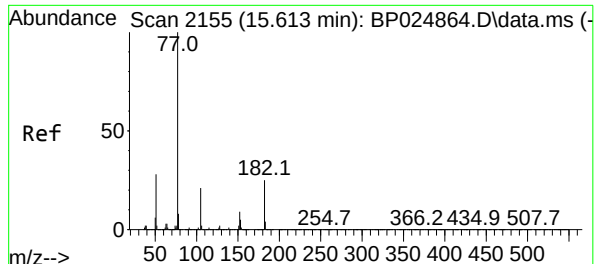
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#62
4-Nitroaniline
Concen: 7.841 ng
RT: 15.372 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

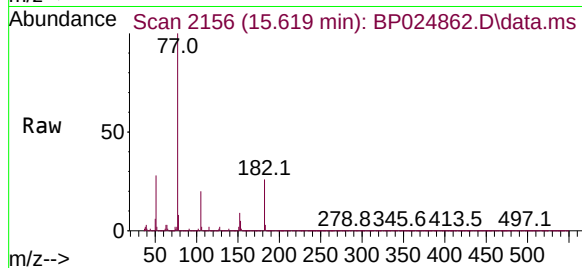
Tgt Ion:138 Resp: 69780
Ion Ratio Lower Upper
138 100
92 50.8 33.5 73.5
108 80.3 65.1 105.1





#63
Azobenzene
Concen: 9.890 ng
RT: 15.619 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

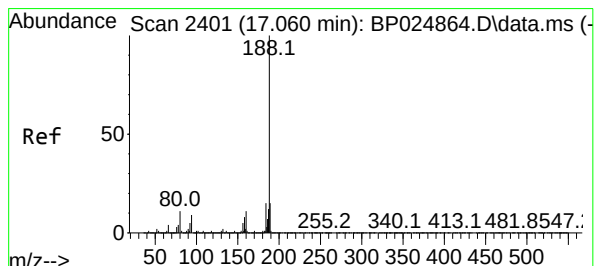
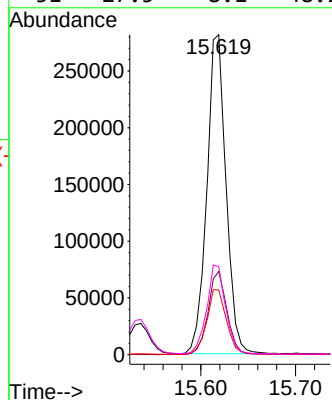
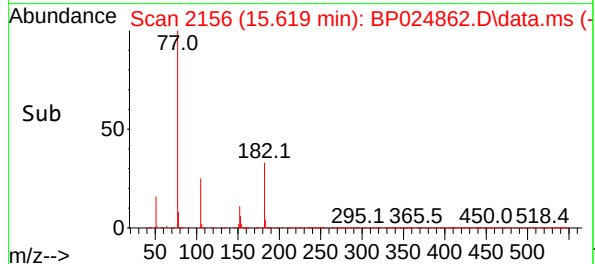
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



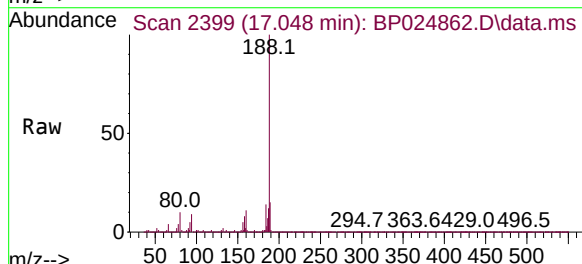
Tgt Ion: 77 Resp: 396356
Ion Ratio Lower Upper
77 100
182 26.0 5.4 45.4
105 20.2 0.8 40.8
51 27.5 8.1 48.1

Manual Integrations
APPROVED

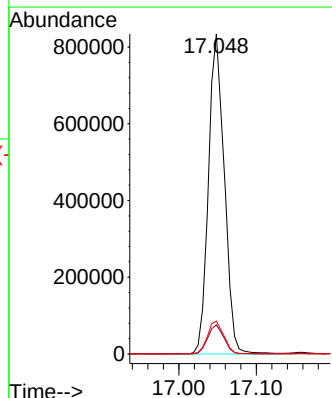
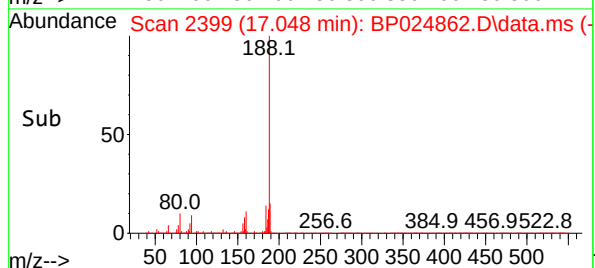
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

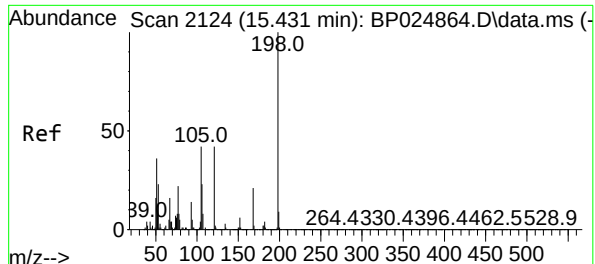


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.048 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52



Tgt Ion:188 Resp: 1185891
Ion Ratio Lower Upper
188 100
94 9.1 7.3 10.9
80 10.2 8.5 12.7





#65

4,6-Dinitro-2-methylphenol

Concen: 7.732 ng

RT: 15.425 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:198 Resp: 60252

Ion Ratio Lower Upper

198 100

51 44.1 19.2 59.2

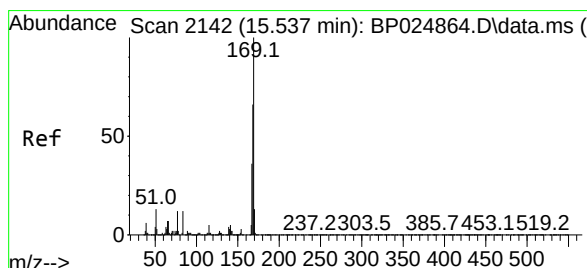
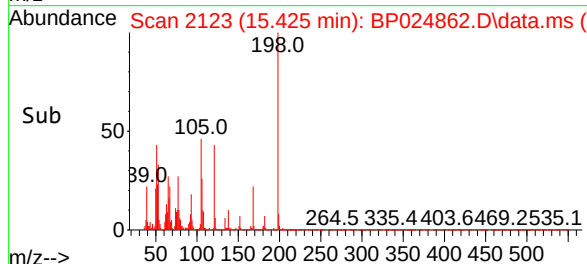
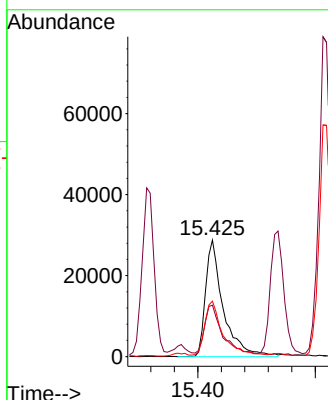
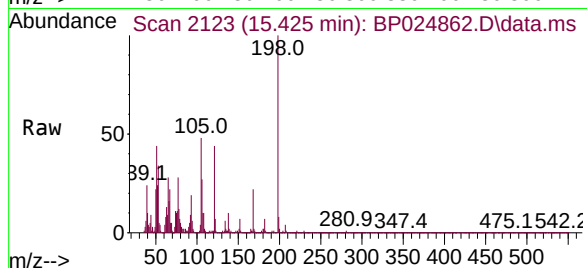
105 47.5 22.6 62.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#66

n-Nitrosodiphenylamine

Concen: 9.812 ng

RT: 15.537 min Scan# 2142

Delta R.T. -0.000 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

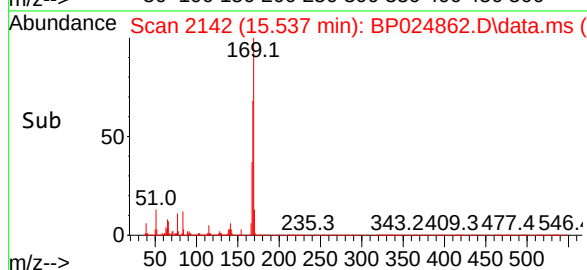
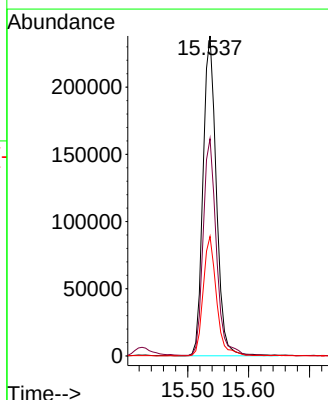
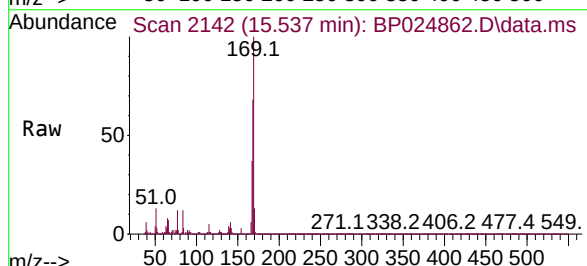
Tgt Ion:169 Resp: 360674

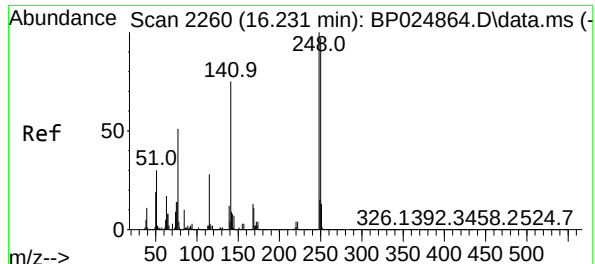
Ion Ratio Lower Upper

169 100

168 67.9 53.0 79.6

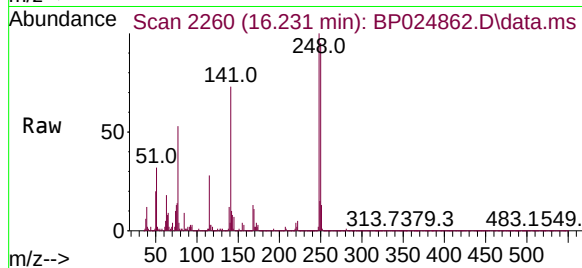
167 37.3 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 9.530 ng
RT: 16.231 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

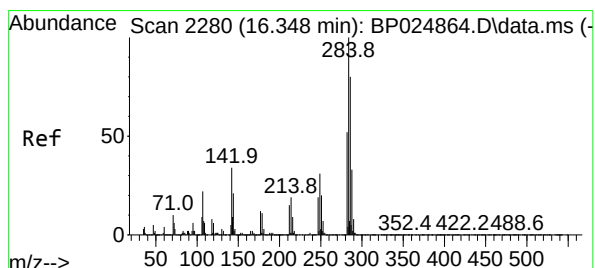
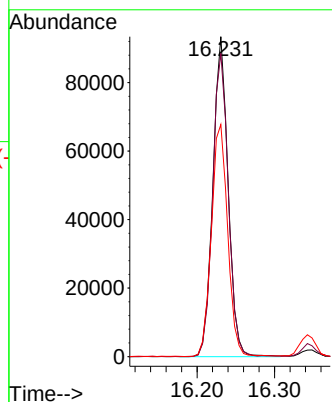
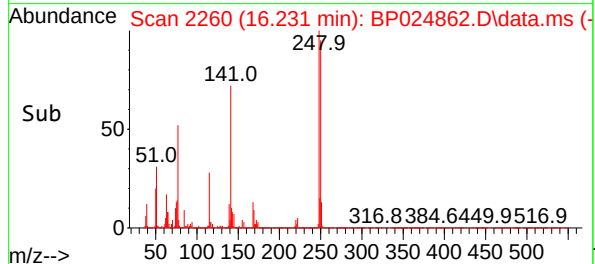
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:248 Resp: 127516
Ion Ratio Lower Upper
248 100
250 94.7 77.4 116.2
141 72.5 59.9 89.9

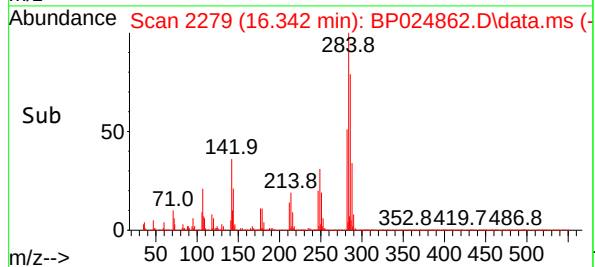
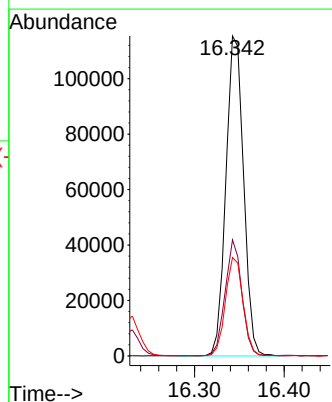
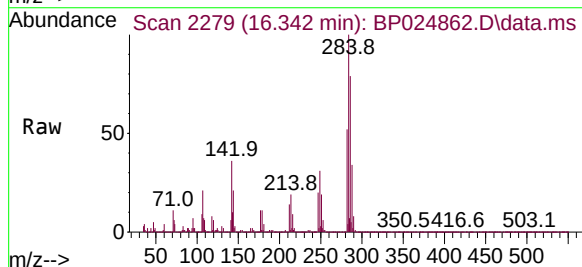
Manual Integrations
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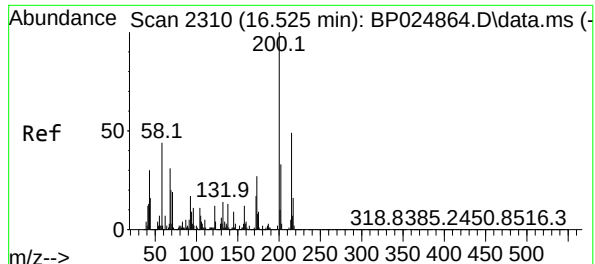
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#68
Hexachlorobenzene
Concen: 9.794 ng
RT: 16.342 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

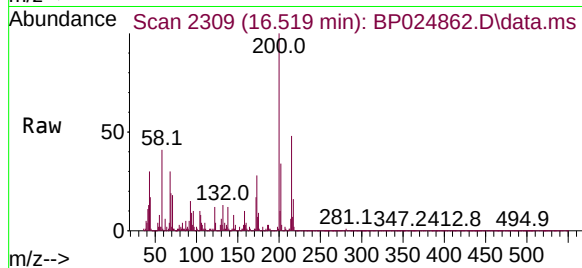
Tgt Ion:284 Resp: 158870
Ion Ratio Lower Upper
284 100
142 36.3 27.0 40.6
249 30.7 25.0 37.6





#69
Atrazine
Concen: 9.439 ng
RT: 16.519 min Scan# 2309
Delta R.T. -0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

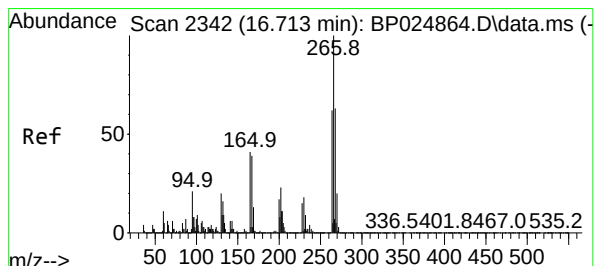
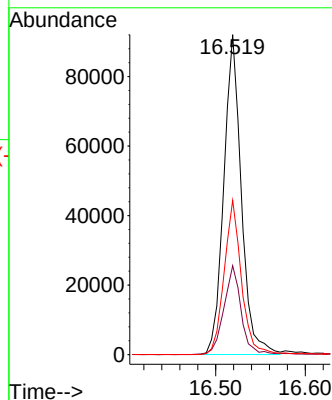
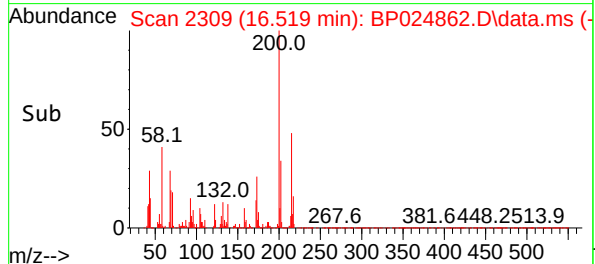
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:200 Resp: 12577
Ion Ratio Lower Upper
200 100
173 27.8 6.9 46.9
215 48.2 28.7 68.7

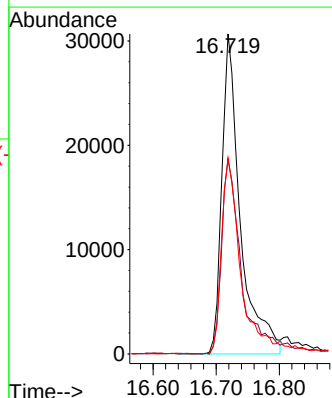
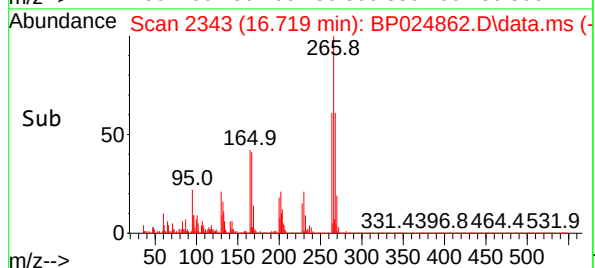
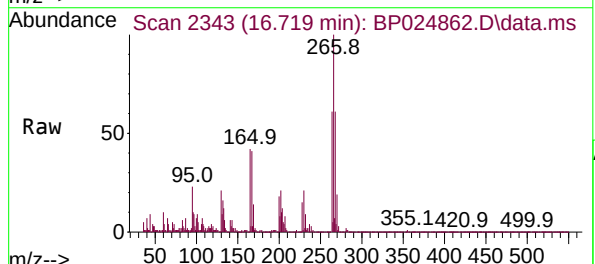
Manual Integrations
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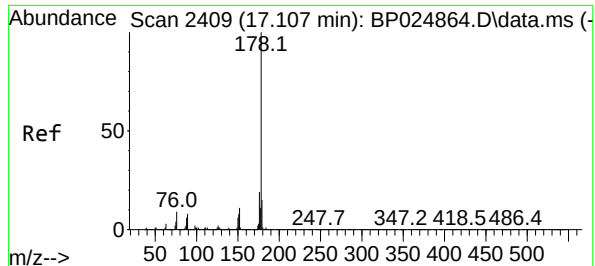
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#70
Pentachlorophenol
Concen: 7.434 ng
RT: 16.719 min Scan# 2343
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

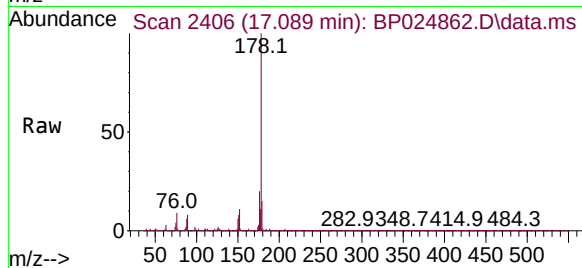
Tgt Ion:266 Resp: 62407
Ion Ratio Lower Upper
266 100
268 60.8 50.6 76.0
264 61.3 49.7 74.5





#71
Phenanthrene
Concen: 10.025 ng
RT: 17.089 min Scan# 2406
Delta R.T. -0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

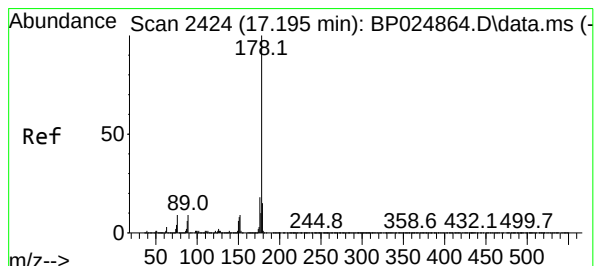
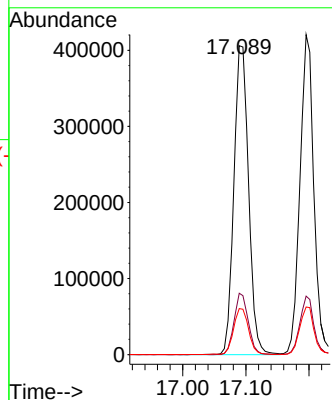
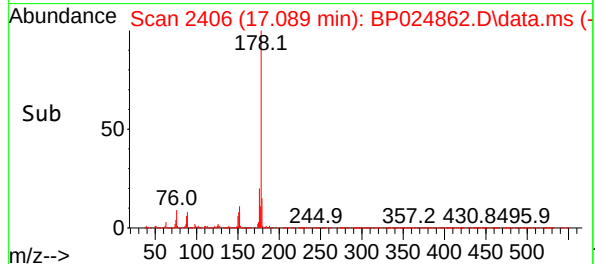
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:178 Resp: 657004
Ion Ratio Lower Upper
178 100
176 19.9 15.3 22.9
179 14.9 12.1 18.1

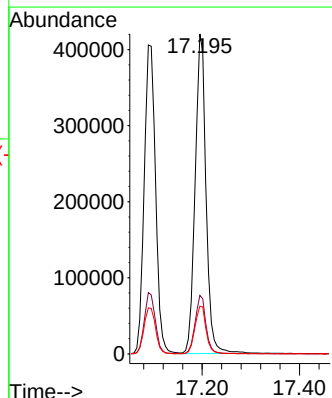
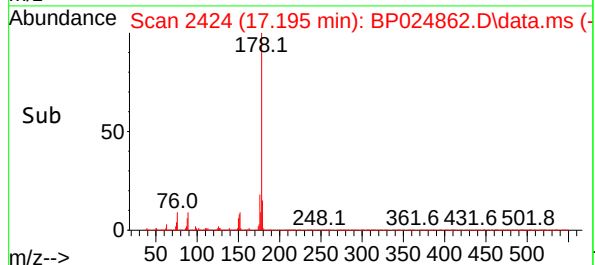
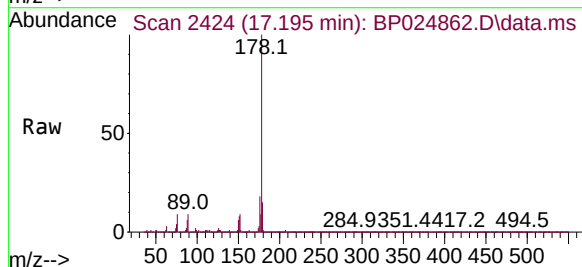
Manual Integrations
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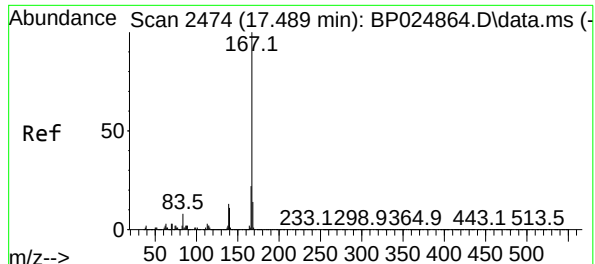
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#72
Anthracene
Concen: 9.767 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

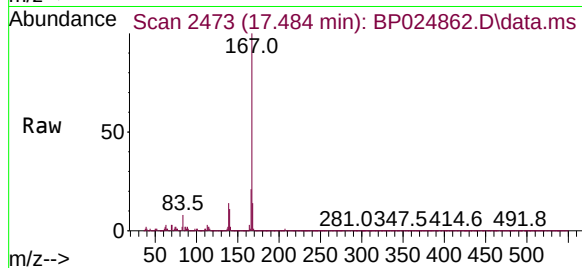
Tgt Ion:178 Resp: 648264
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 14.9 12.3 18.5





#73
 Carbazole
 Concen: 9.761 ng
 RT: 17.484 min Scan# 2474
 Delta R.T. -0.006 min
 Lab File: BP024862.D
 Acq: 06 Jun 2025 11:52

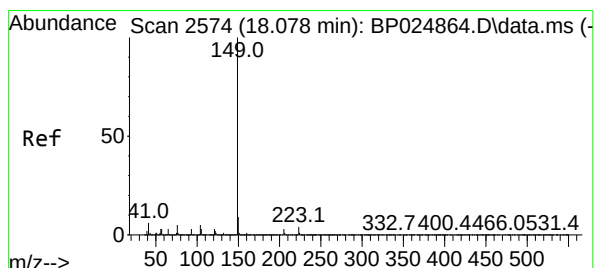
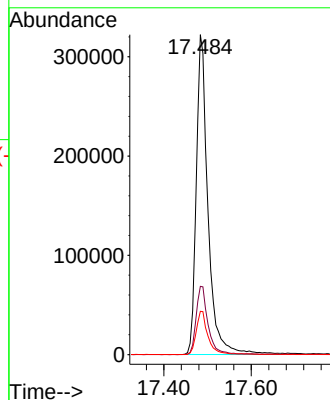
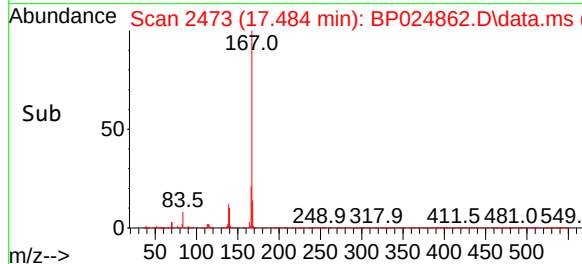
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010



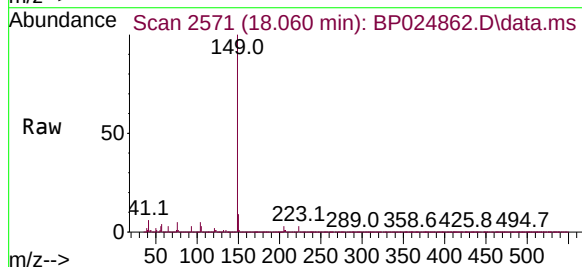
Tgt Ion:167 Resp: 600475
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.3 25.9
 139 13.6 10.8 16.2

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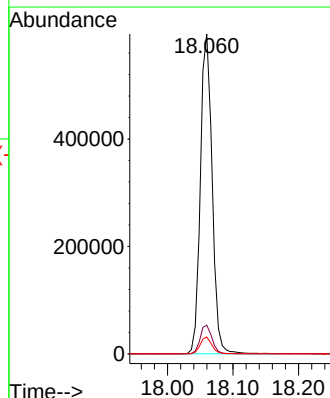
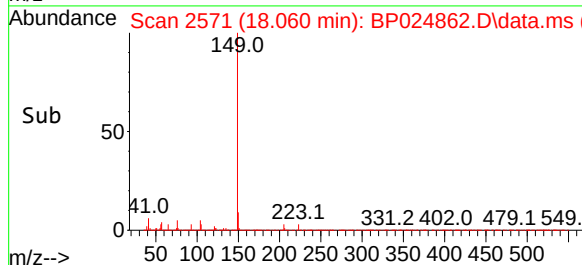
Reviewed By :Rahul Chavli 06/09/2025
 Supervised By :Jagrut Upadhyay 06/09/2025

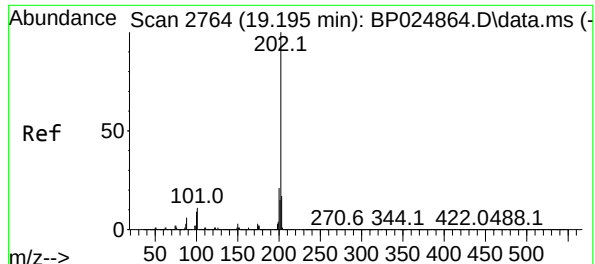


#74
 Di-n-butylphthalate
 Concen: 9.688 ng
 RT: 18.060 min Scan# 2571
 Delta R.T. -0.018 min
 Lab File: BP024862.D
 Acq: 06 Jun 2025 11:52



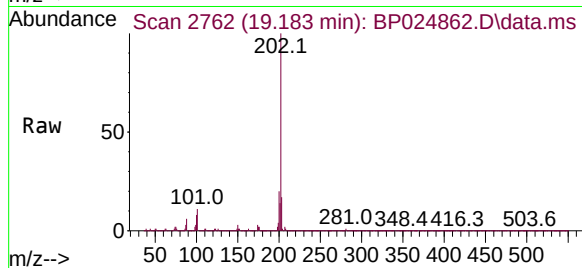
Tgt Ion:149 Resp: 738469
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.3 4.2 6.2





#75
Fluoranthene
Concen: 10.047 ng
RT: 19.183 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

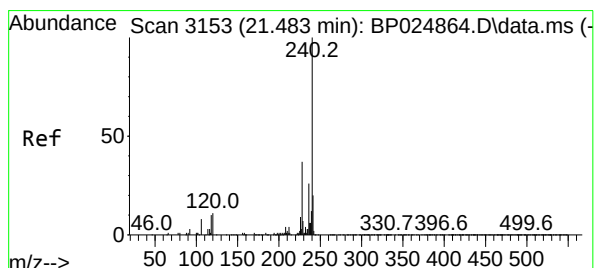
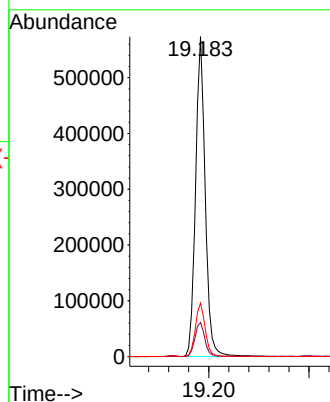
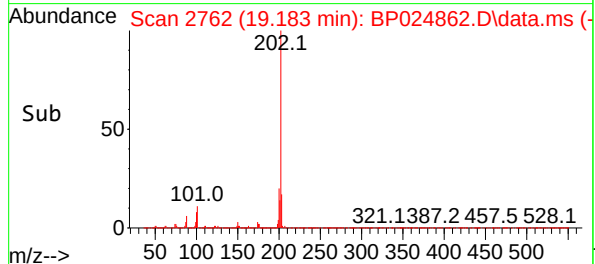
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 763158
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.4
203 16.7 0.0 37.5

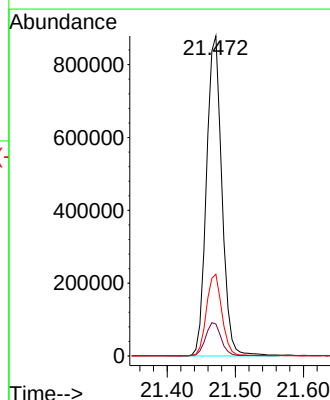
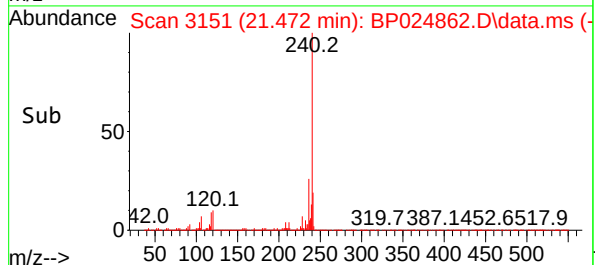
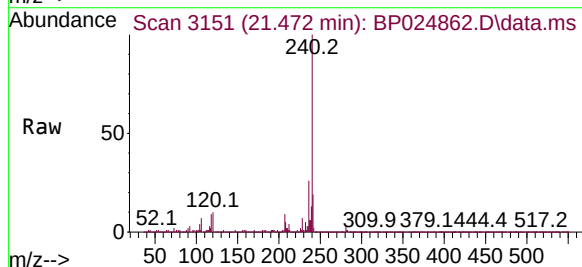
Manual Integrations
APPROVED

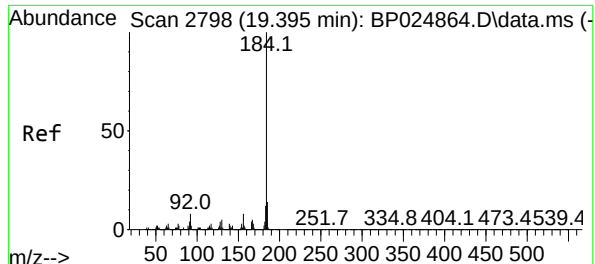
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.472 min Scan# 3151
Delta R.T. -0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

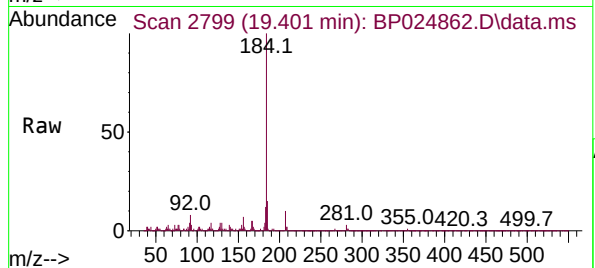
Tgt Ion:240 Resp: 1377321
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 25.5 20.9 31.3





#77
Benzidine
Concen: 8.271 ng
RT: 19.401 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

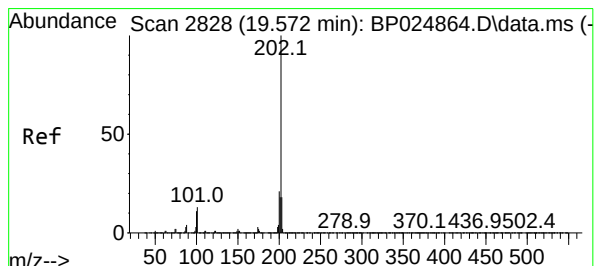
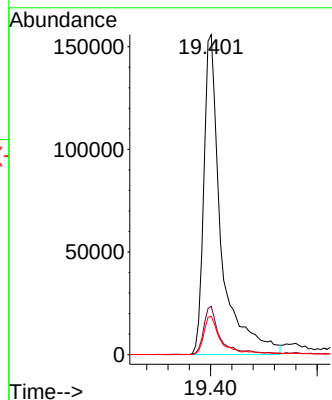
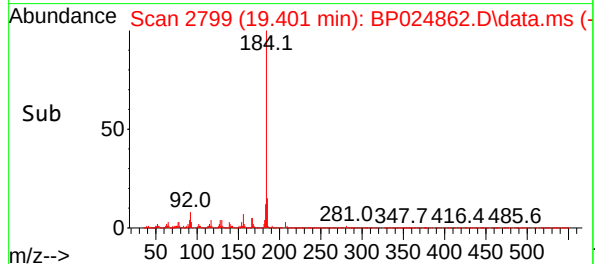
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:184 Resp: 352835
Ion Ratio Lower Upper
184 100
185 15.1 11.4 17.0
183 12.0 9.5 14.3

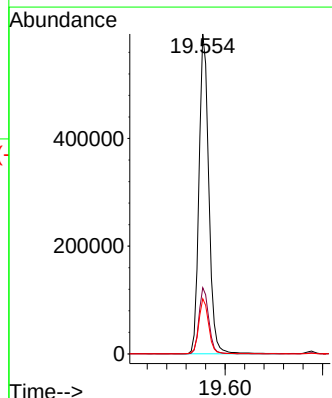
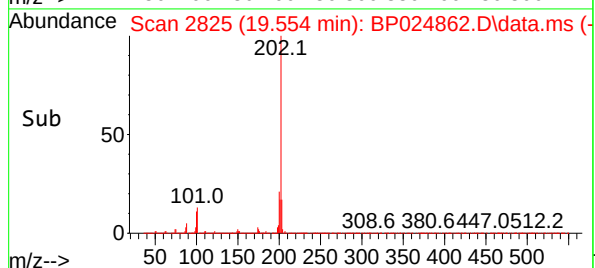
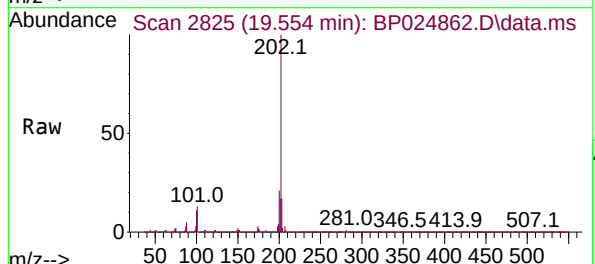
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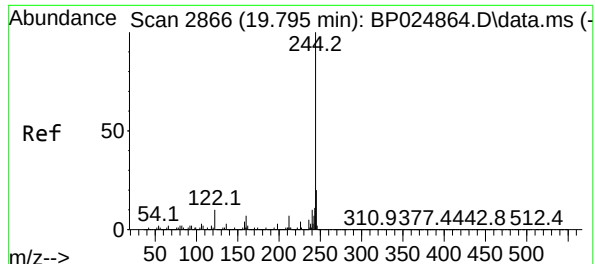
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#78
Pyrene
Concen: 9.565 ng
RT: 19.554 min Scan# 2825
Delta R.T. -0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

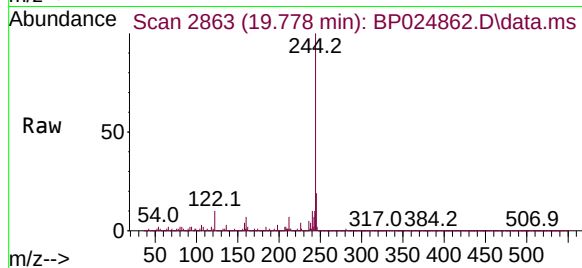
Tgt Ion:202 Resp: 823026
Ion Ratio Lower Upper
202 100
200 20.7 17.1 25.7
203 17.2 14.0 21.0





#79
Terphenyl-d14
Concen: 19.238 ng
RT: 19.778 min Scan# 2863
Delta R.T. -0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

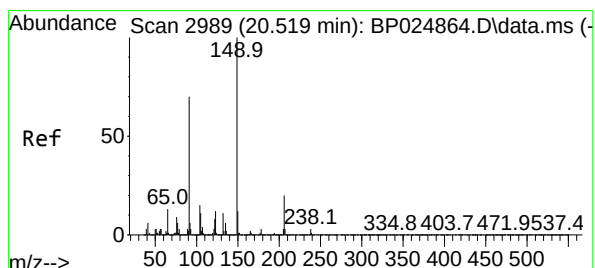
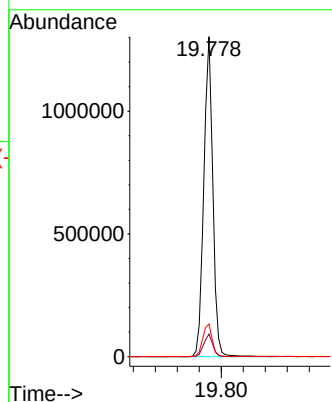
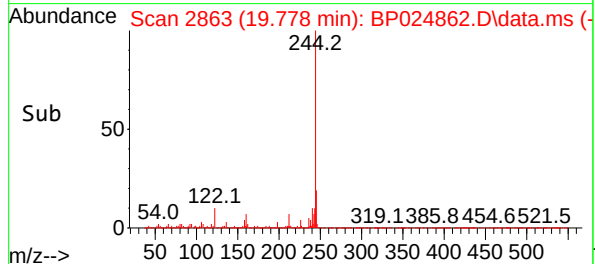
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:244 Resp: 1478395
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.2 7.7 11.5

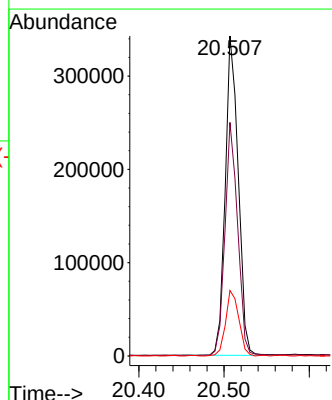
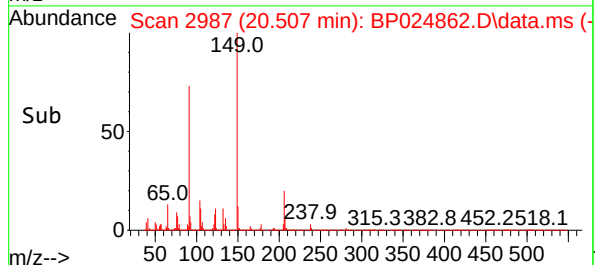
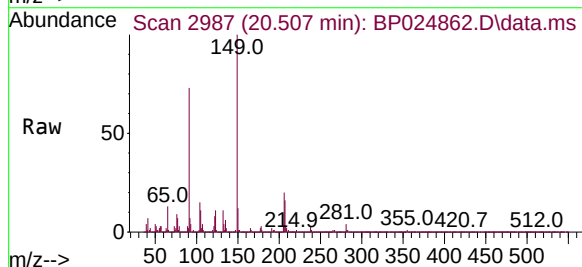
Manual Integrations
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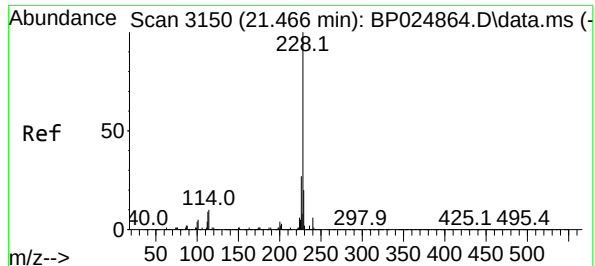
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#80
Butylbenzylphthalate
Concen: 9.243 ng
RT: 20.507 min Scan# 2987
Delta R.T. -0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion:149 Resp: 364314
Ion Ratio Lower Upper
149 100
91 73.0 55.8 83.8
206 20.4 16.2 24.2





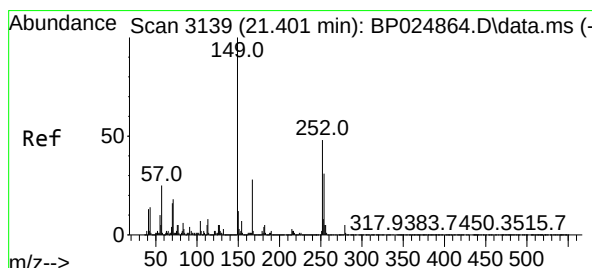
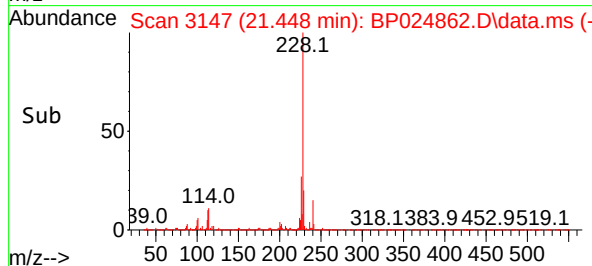
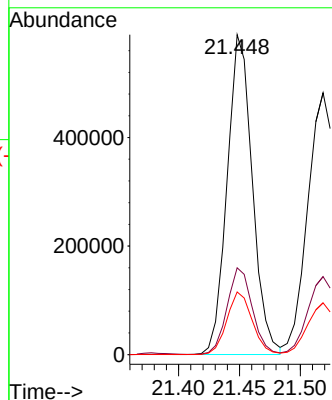
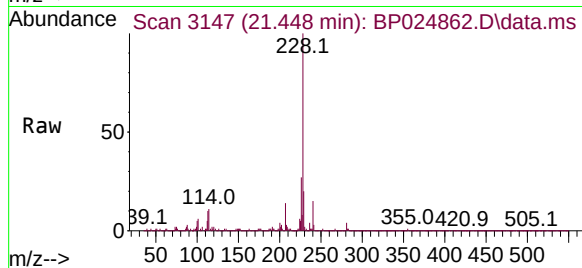
#81
Benzo(a)anthracene
Concen: 9.650 ng
RT: 21.448 min Scan# 3150
Delta R.T. -0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 850043
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.6 15.9 23.9

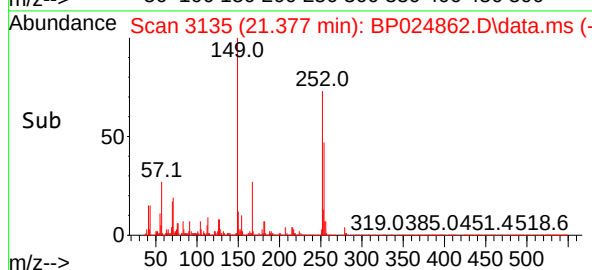
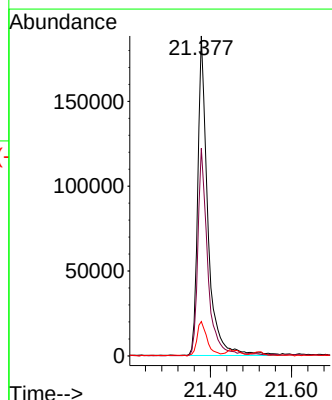
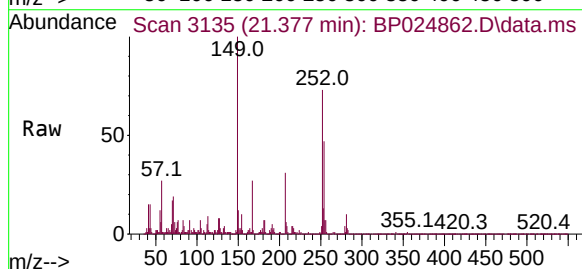
Manual Integrations
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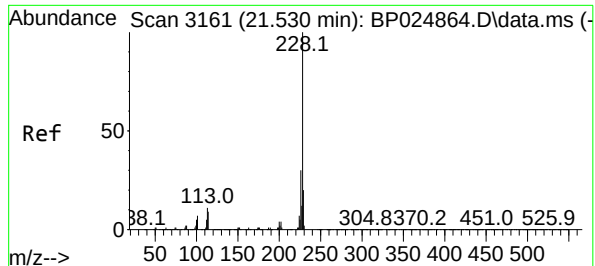
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#82
3,3'-Dichlorobenzidine
Concen: 9.212 ng
RT: 21.377 min Scan# 3135
Delta R.T. -0.024 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

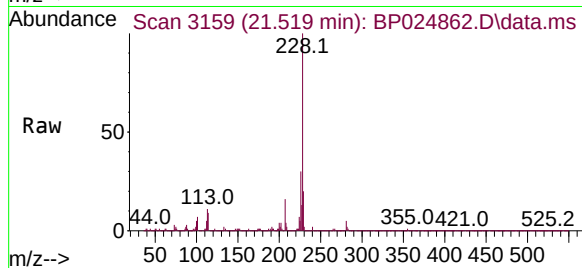
Tgt Ion:252 Resp: 322154
Ion Ratio Lower Upper
252 100
254 64.9 51.2 76.8
126 10.7 8.6 12.8





#83
Chrysene
Concen: 9.687 ng
RT: 21.519 min Scan# 3161
Delta R.T. -0.012 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

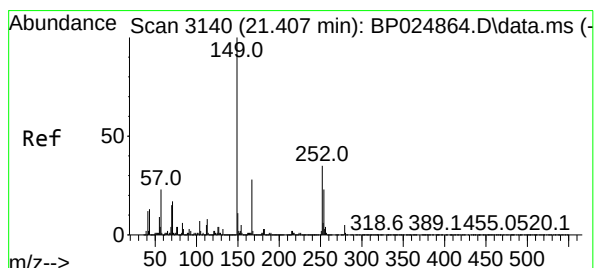
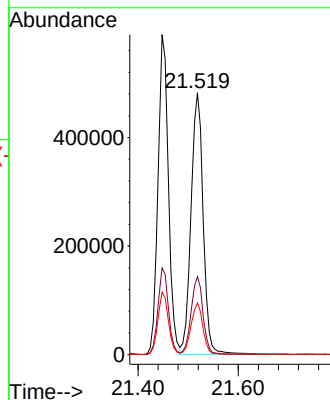
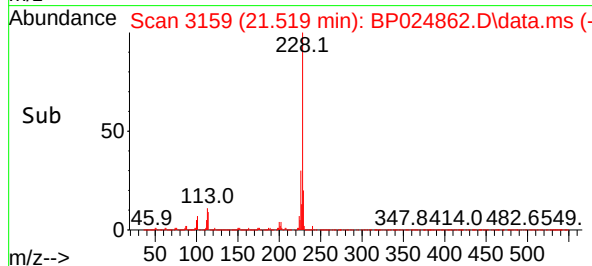
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 808582
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.6
229 19.8 15.6 23.4

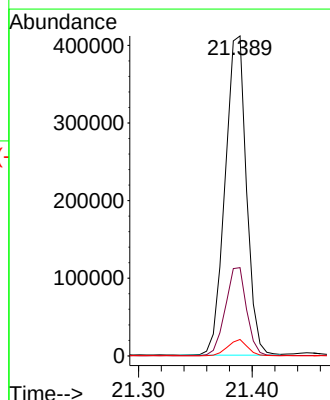
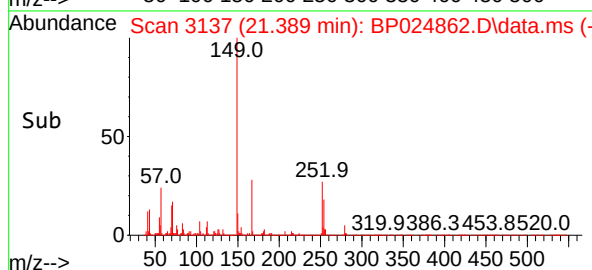
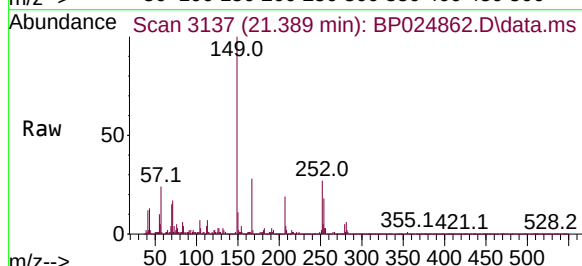
Manual Integrations
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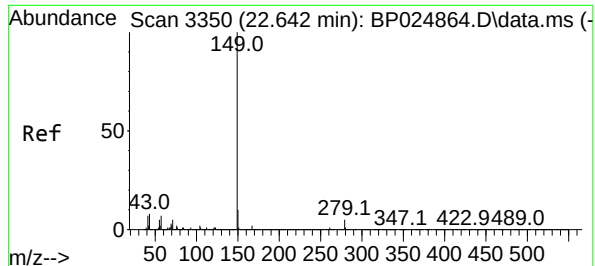
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.509 ng
RT: 21.389 min Scan# 3137
Delta R.T. -0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

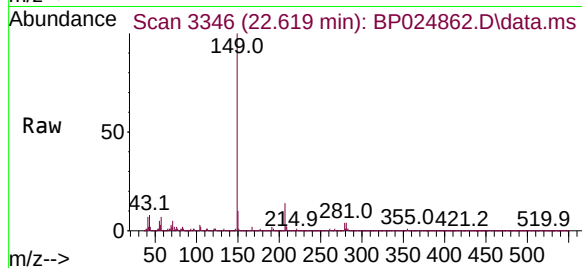
Tgt Ion:149 Resp: 536981
Ion Ratio Lower Upper
149 100
167 27.6 22.2 33.4
279 5.1 4.0 6.0





#85
Di-n-octyl phthalate
Concen: 9.134 ng
RT: 22.619 min Scan# 3350
Delta R.T. -0.024 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

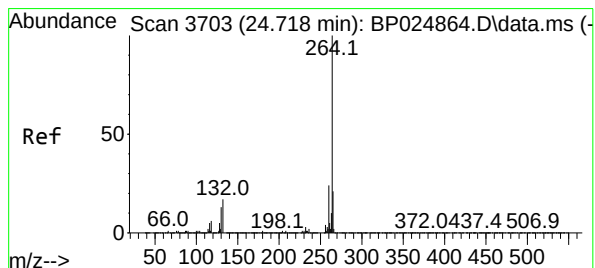
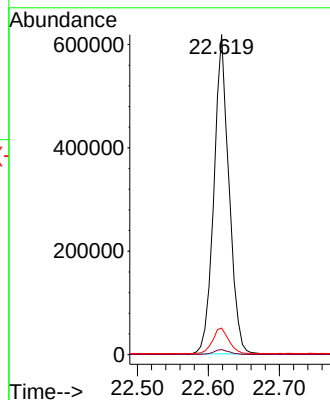
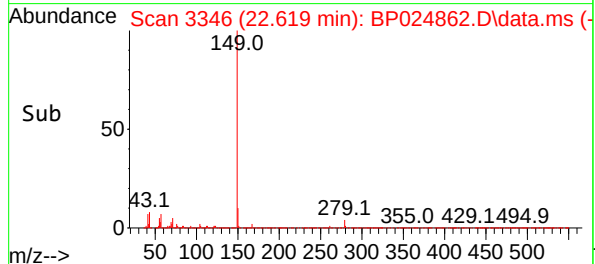
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 909174
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.6 6.6 10.0

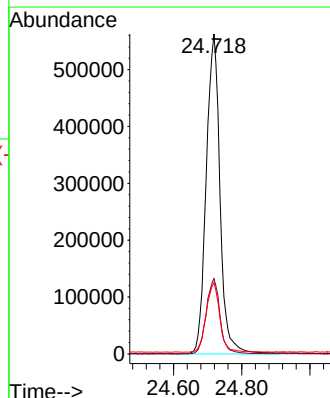
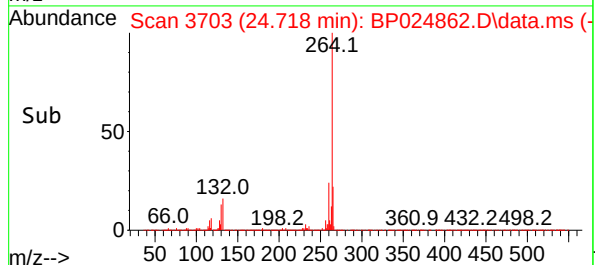
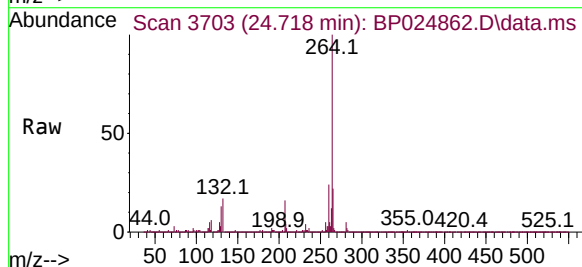
Manual Integrations
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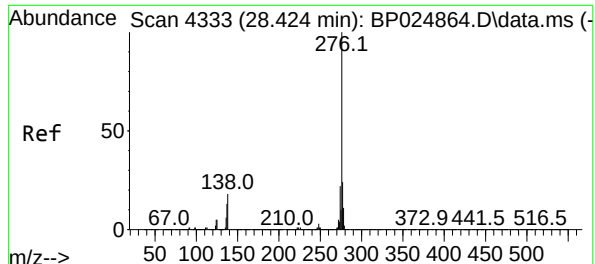
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.718 min Scan# 3703
Delta R.T. -0.000 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

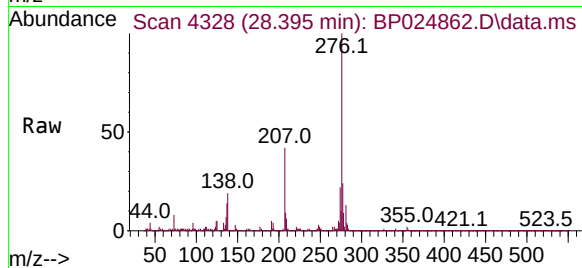
Tgt Ion:264 Resp: 1582534
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 22.3 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 9.607 ng
RT: 28.395 min Scan# 4333
Delta R.T. -0.029 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

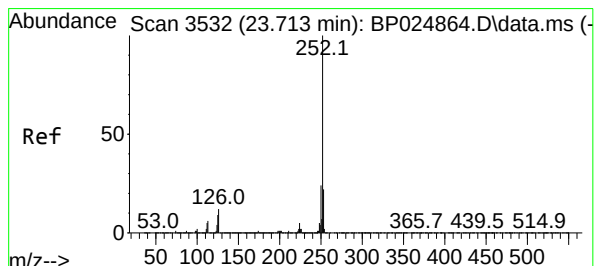
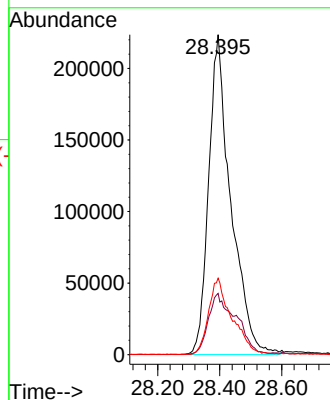
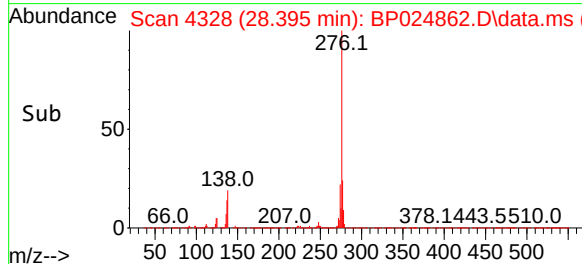
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 276 Resp: 1109298
Ion Ratio Lower Upper
276 100
138 23.8 18.6 27.8
277 25.1 20.2 30.4

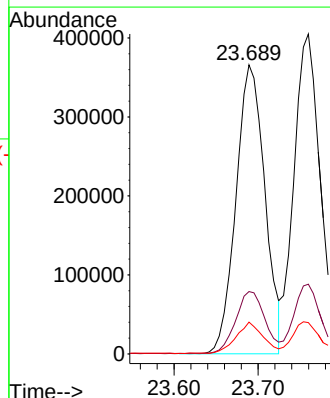
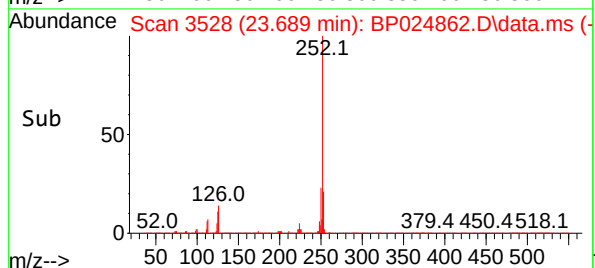
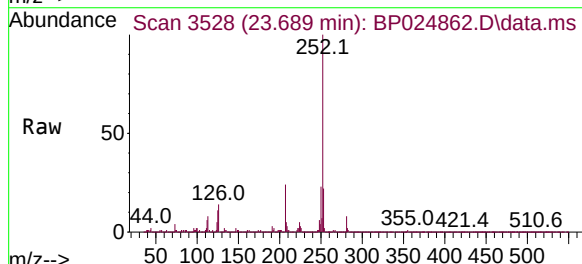
Manual Integrations
APPROVED

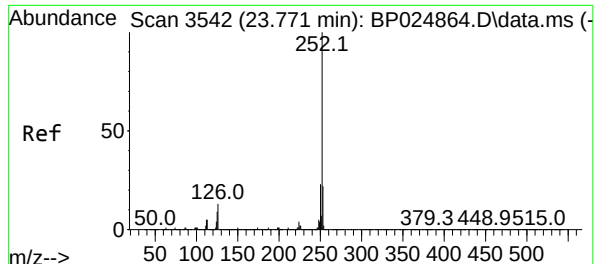
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#88
Benzo(b)fluoranthene
Concen: 9.645 ng m
RT: 23.689 min Scan# 3528
Delta R.T. -0.024 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 252 Resp: 873515
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 11.0 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 9.819 ng

RT: 23.760 min Scan# 3542

Delta R.T. -0.012 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 905265

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

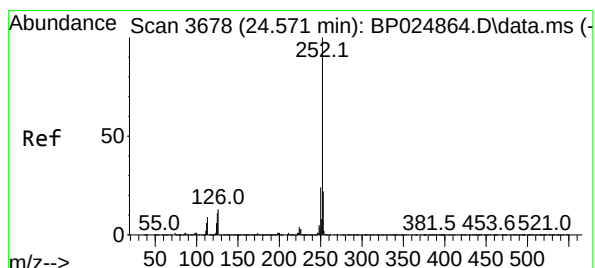
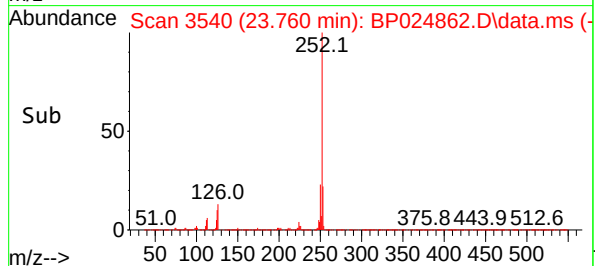
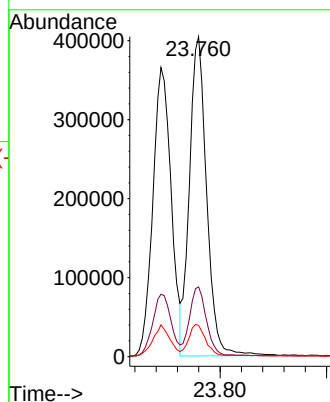
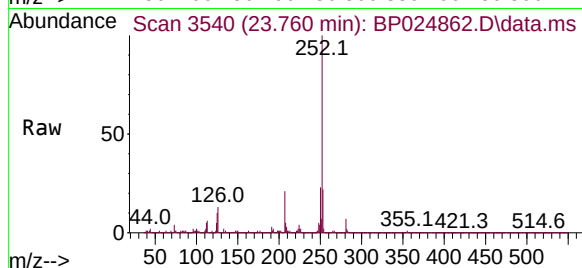
125 9.8 7.4 11.0

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#90

Benzo(a)pyrene

Concen: 9.562 ng

RT: 24.566 min Scan# 3677

Delta R.T. -0.006 min

Lab File: BP024862.D

Acq: 06 Jun 2025 11:52

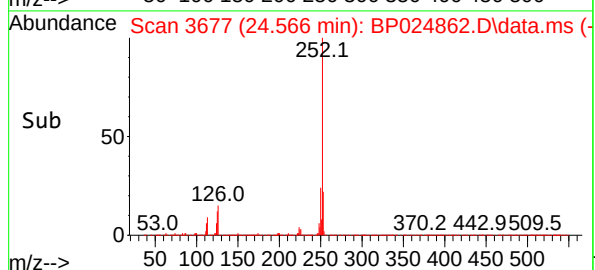
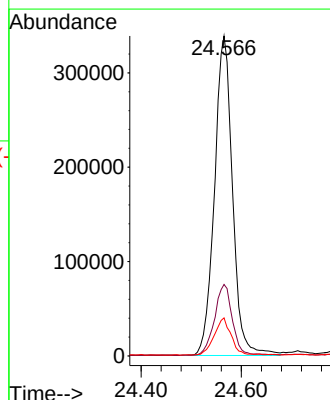
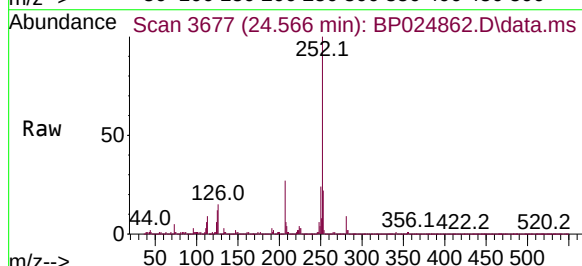
Tgt Ion:252 Resp: 845698

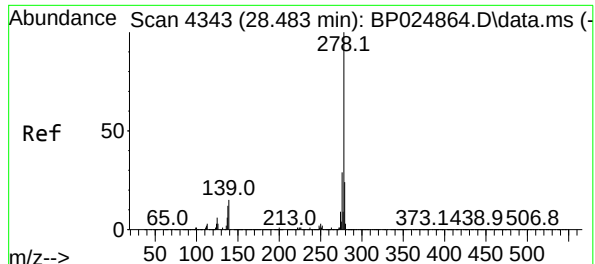
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

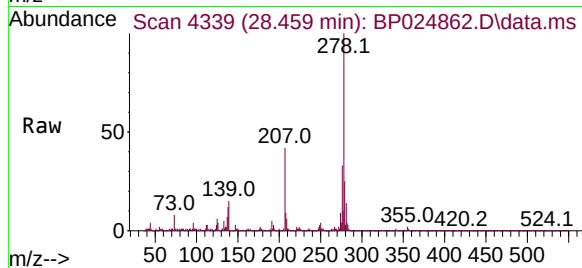
125 11.9 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 9.624 ng
RT: 28.459 min Scan# 4343
Delta R.T. -0.024 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

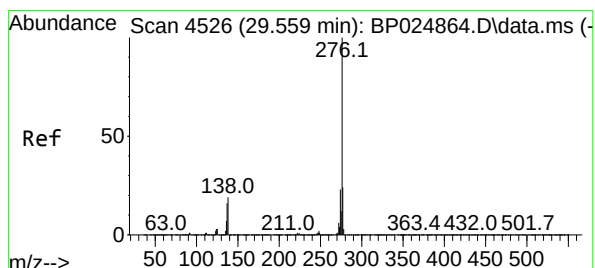
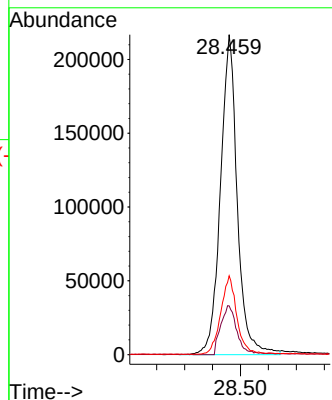
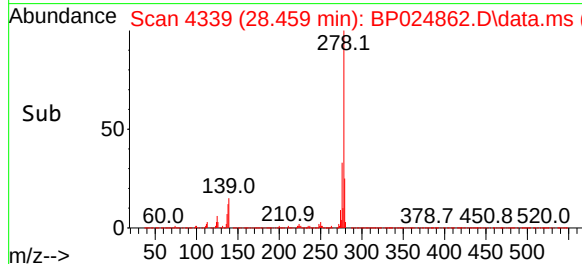
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 278 Resp: 90452
Ion Ratio Lower Upper
278 100
139 15.2 12.0 18.0
279 24.6 19.1 28.7

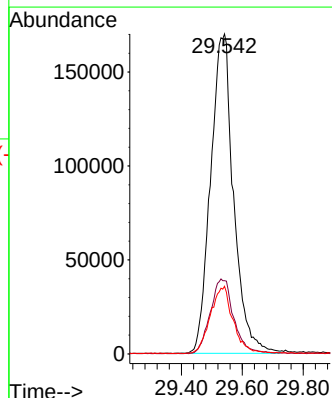
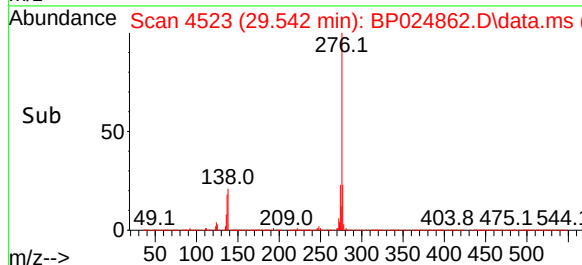
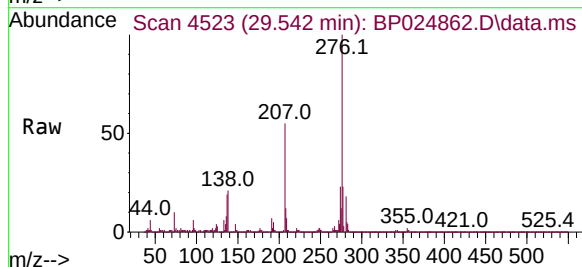
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#92
Benzo(g,h,i)perylene
Concen: 9.560 ng
RT: 29.542 min Scan# 4523
Delta R.T. -0.018 min
Lab File: BP024862.D
Acq: 06 Jun 2025 11:52

Tgt Ion: 276 Resp: 891492
Ion Ratio Lower Upper
276 100
277 22.9 19.1 28.7
138 21.1 15.4 23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024863.D
 Acq On : 06 Jun 2025 12:33
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 16:00:49 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 06 15:53:04 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	222586	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	933995	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	604798	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1187838	20.000	ng	-0.01
76) Chrysene-d12	21.483	240	1296607	20.000	ng	0.00
86) Perylene-d12	24.730	264	1539603	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	537271	40.291	ng	0.00
7) Phenol-d6	6.814	99	706853	40.063	ng	0.00
23) Nitrobenzene-d5	8.760	82	789724	41.087	ng	0.00
42) 2,4,6-Tribromophenol	15.766	330	337588	40.373	ng	-0.02
45) 2-Fluorobiphenyl	12.854	172	1834625	40.864	ng	0.00
79) Terphenyl-d14	19.783	244	2972885	41.093	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.167	88	116694	19.888	ng	99
3) Pyridine	3.572	79	281621	19.958	ng	98
4) n-Nitrosodimethylamine	3.484	42	113202	19.623	ng	99
6) Aniline	6.955	93	448798	19.932	ng	98
8) 2-Chlorophenol	7.190	128	299518	19.813	ng	99
9) Benzaldehyde	6.772	77	238300m	23.366	ng	
10) Phenol	6.843	94	359664	19.774	ng	98
11) bis(2-Chloroethyl)ether	7.049	93	296876	20.752	ng	99
12) 1,3-Dichlorobenzene	7.502	146	342054	20.283	ng	99
13) 1,4-Dichlorobenzene	7.643	146	341710	20.082	ng	99
14) 1,2-Dichlorobenzene	7.960	146	331251	19.825	ng	99
15) Benzyl Alcohol	7.866	79	263723	19.476	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.125	45	383219	20.467	ng	98
17) 2-Methylphenol	8.072	107	253261	19.940	ng	96
18) Hexachloroethane	8.666	117	129276	20.180	ng	96
19) n-Nitroso-di-n-propyla...	8.408	70	246328	20.537	ng	99
20) 3+4-Methylphenols	8.402	107	344513	19.881	ng	97
22) Acetophenone	8.425	105	476927	20.211	ng	98
24) Nitrobenzene	8.802	77	350404	20.521	ng	98
25) Isophorone	9.325	82	676527	20.309	ng	100
26) 2-Nitrophenol	9.513	139	166277	19.736	ng	99
27) 2,4-Dimethylphenol	9.584	122	289730	20.094	ng	99
28) bis(2-Chloroethoxy)met...	9.802	93	409390	20.603	ng	99
29) 2,4-Dichlorophenol	10.060	162	280050	20.242	ng	100
30) 1,2,4-Trichlorobenzene	10.243	180	313253	20.074	ng	99
31) Naphthalene	10.431	128	975495	20.381	ng	100
32) Benzoic acid	9.725	122	168675	17.546	ng	97
33) 4-Chloroaniline	10.554	127	406109	20.252	ng	99
34) Hexachlorobutadiene	10.707	225	194310	20.660	ng	99
35) Caprolactam	11.337	113	101727	19.975	ng	98
36) 4-Chloro-3-methylphenol	11.701	107	328233	20.569	ng	98
37) 2-Methylnaphthalene	12.043	142	615339	20.267	ng	99
38) 1-Methylnaphthalene	12.266	142	670212	20.648	ng	97
40) 1,2,4,5-Tetrachloroben...	12.419	216	343533	20.018	ng	100
41) Hexachlorocyclopentadiene	12.390	237	190407	18.191	ng	100
43) 2,4,6-Trichlorophenol	12.684	196	233556	20.265	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024863.D
 Acq On : 06 Jun 2025 12:33
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/09/2025
 Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 16:00:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 15:53:04 2025
 Response via : Initial Calibration

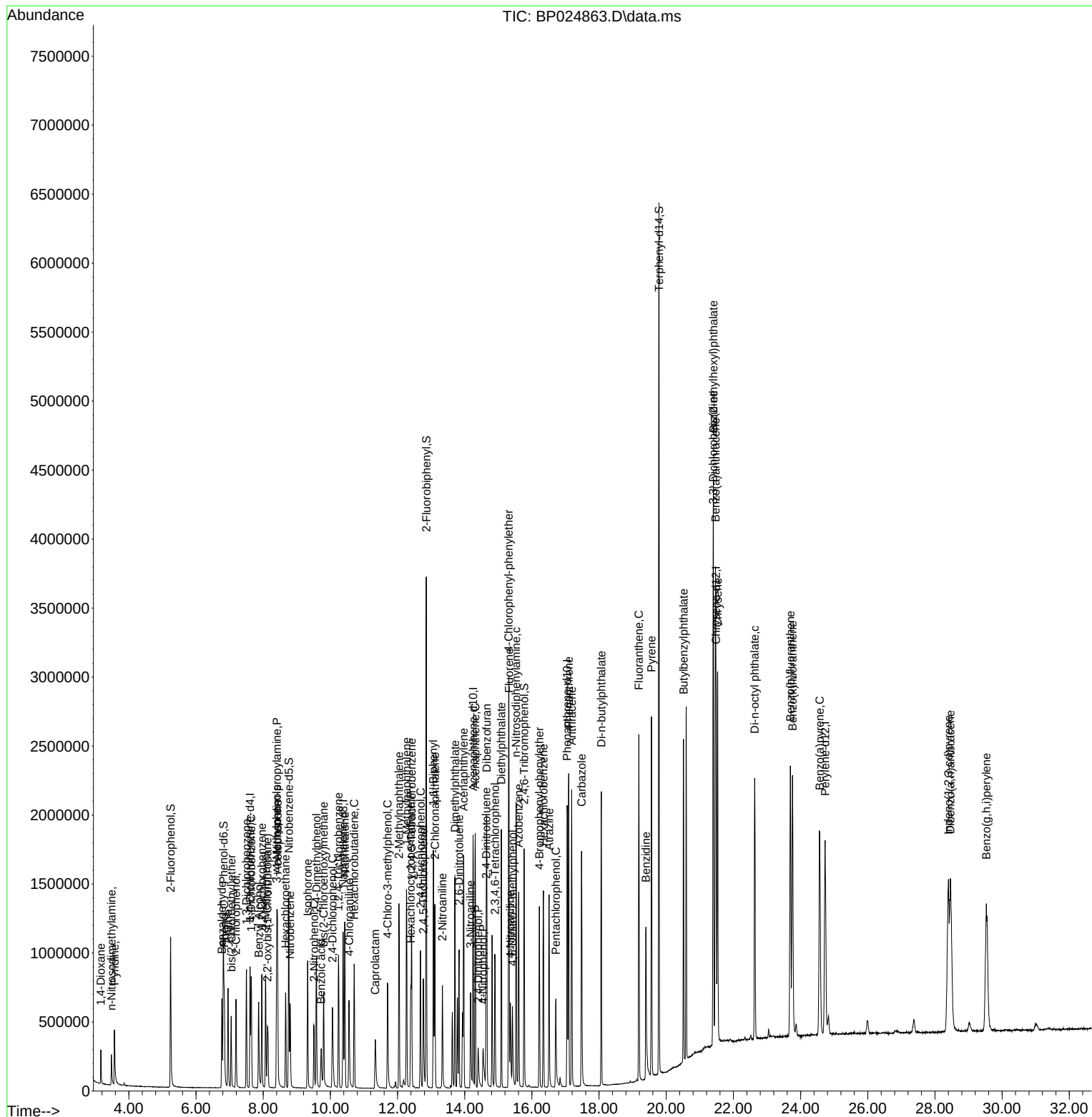
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	250294	20.279	ng	99
46) 1,1'-Biphenyl	13.066	154	898074	20.433	ng	99
47) 2-Chloronaphthalene	13.113	162	686558	20.324	ng	100
48) 2-Nitroaniline	13.337	65	208318	20.059	ng	97
49) Acenaphthylene	13.966	152	1144019	20.311	ng	99
50) Dimethylphthalate	13.707	163	908091	20.354	ng	100
51) 2,6-Dinitrotoluene	13.831	165	197073	20.490	ng	98
52) Acenaphthene	14.313	154	658935	20.416	ng	99
53) 3-Nitroaniline	14.172	138	204033	20.442	ng	97
54) 2,4-Dinitrophenol	14.401	184	93544	19.461	ng	97
55) Dibenzofuran	14.654	168	1061912	20.497	ng	99
56) 4-Nitrophenol	14.548	139	128784	19.619	ng	98
57) 2,4-Dinitrotoluene	14.637	165	276443	20.547	ng	99
58) Fluorene	15.319	166	858671	20.517	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.901	232	217510	19.689	ng	99
60) Diethylphthalate	15.090	149	899294	20.225	ng	98
61) 4-Chlorophenyl-phenyle...	15.307	204	416662	20.361	ng	99
62) 4-Nitroaniline	15.360	138	185839	20.523	ng	98
63) Azobenzene	15.607	77	843121	20.675	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	148616	19.041	ng	100
66) n-Nitrosodiphenylamine	15.531	169	751407	20.409	ng	99
67) 4-Bromophenyl-phenylether	16.225	248	268797	20.055	ng	99
68) Hexachlorobenzene	16.342	284	323008	19.880	ng	99
69) Atrazine	16.513	200	274257	20.548	ng	99
70) Pentachlorophenol	16.713	266	155614	18.505	ng	98
71) Phenanthrene	17.095	178	1318071	20.080	ng	100
72) Anthracene	17.184	178	1350106	20.308	ng	100
73) Carbazole	17.478	167	1256103	20.385	ng	100
74) Di-n-butylphthalate	18.066	149	1575537	20.637	ng	99
75) Fluoranthene	19.183	202	1552399	20.404	ng	100
77) Benzidine	19.395	184	867418	21.600	ng	99
78) Pyrene	19.560	202	1634896	20.183	ng	99
80) Butylbenzylphthalate	20.513	149	753875	20.318	ng	99
81) Benzo(a)anthracene	21.466	228	1669395	20.131	ng	99
82) 3,3'-Dichlorobenzidine	21.395	252	664556	20.185	ng	100
83) Chrysene	21.530	228	1593419	20.278	ng	100
84) Bis(2-ethylhexyl)phtha...	21.401	149	1097129	20.638	ng	99
85) Di-n-octyl phthalate	22.630	149	1865014	19.903	ng	99
87) Indeno(1,2,3-cd)pyrene	28.401	276	2261110	20.129	ng	# 92
88) Benzo(b)fluoranthene	23.695	252	1743865	19.792	ng	98
89) Benzo(k)fluoranthene	23.760	252	1817500	20.264	ng	99
90) Benzo(a)pyrene	24.566	252	1735236	20.166	ng	99
91) Dibenzo(a,h)anthracene	28.459	278	1850432	20.237	ng	99
92) Benzo(g,h,i)perylene	29.530	276	1820845	20.071	ng	97

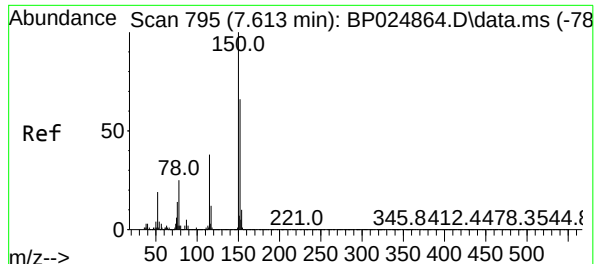
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

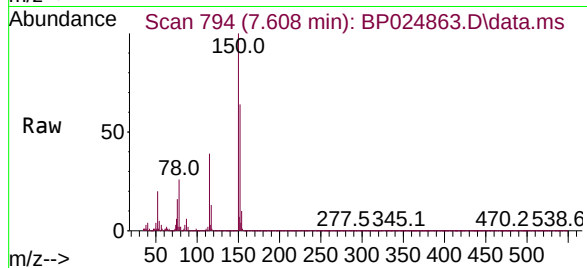
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

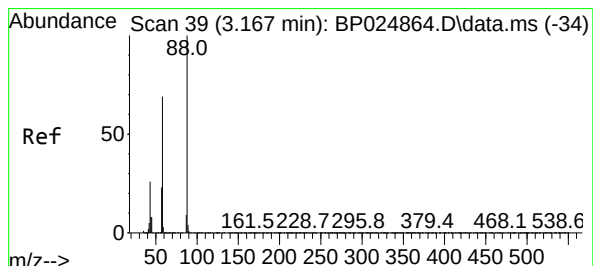
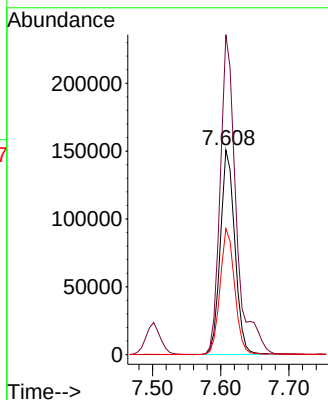
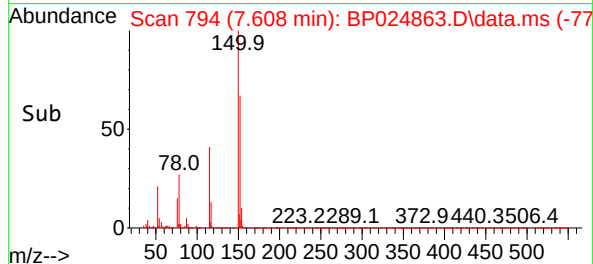
Instrument :
BNA_P
Client Sample Id :
SSTDICC020



Tgt Ion: 152 Resp: 222586
Ion Ratio Lower Upper
152 100
150 156.4 122.1 183.1
115 61.6 46.4 69.6

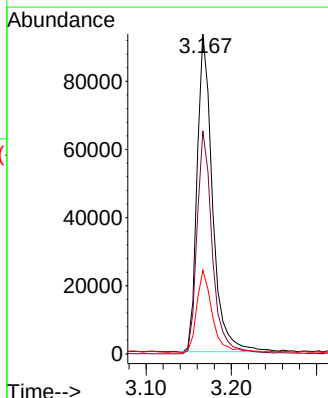
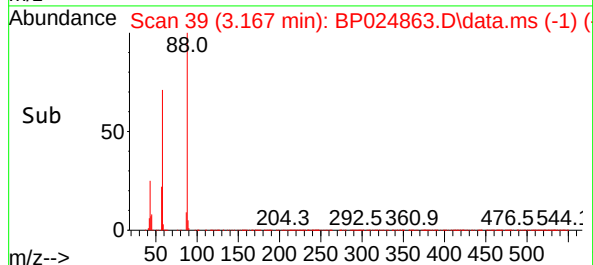
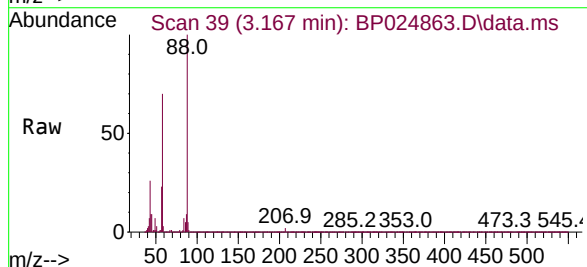
Manual Integrations
APPROVED

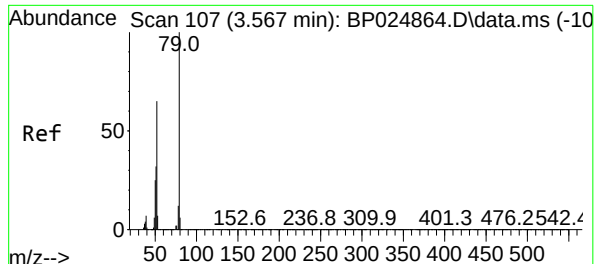
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#2
1,4-Dioxane
Concen: 19.888 ng
RT: 3.167 min Scan# 39
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

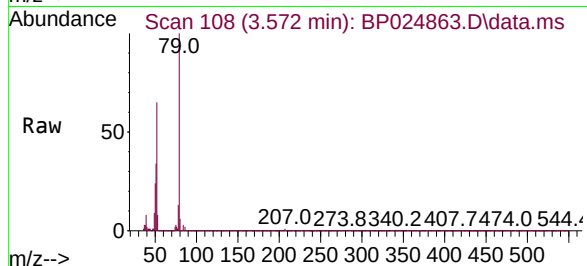
Tgt Ion: 88 Resp: 116694
Ion Ratio Lower Upper
88 100
58 70.6 55.4 83.0
43 25.6 20.8 31.2





#3
Pyridine
Concen: 19.958 ng
RT: 3.572 min Scan# 10
Delta R.T. 0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

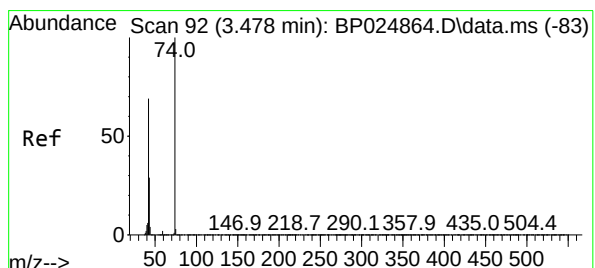
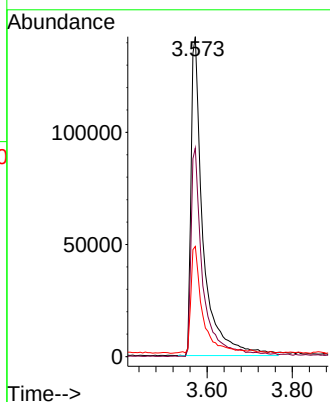
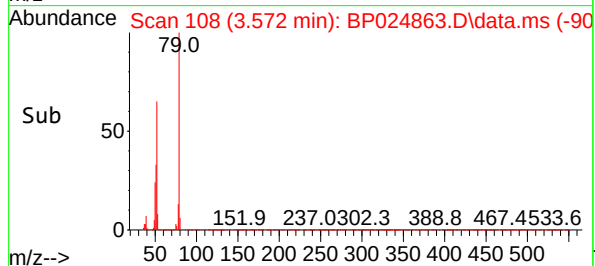
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 79 Resp: 28162
Ion Ratio Lower Upper
79 100
52 65.2 51.6 77.4
51 34.4 25.5 38.3

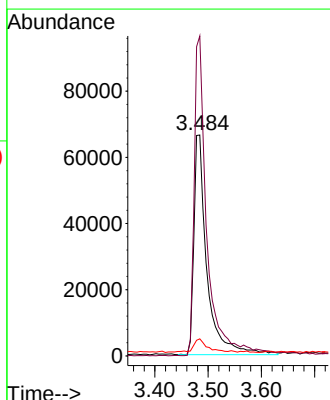
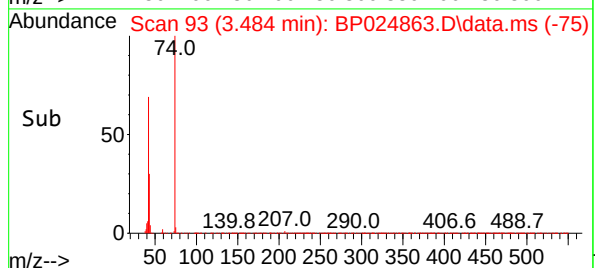
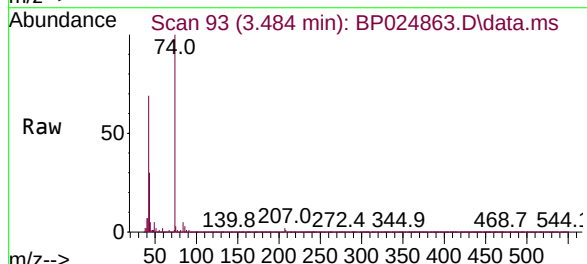
Manual Integrations
APPROVED

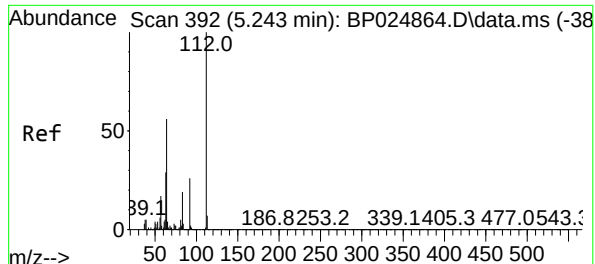
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#4
n-Nitrosodimethylamine
Concen: 19.623 ng
RT: 3.484 min Scan# 93
Delta R.T. 0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion: 42 Resp: 113202
Ion Ratio Lower Upper
42 100
74 144.8 116.6 174.8
44 7.7 5.4 8.0





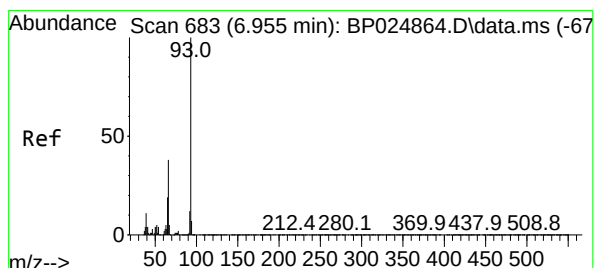
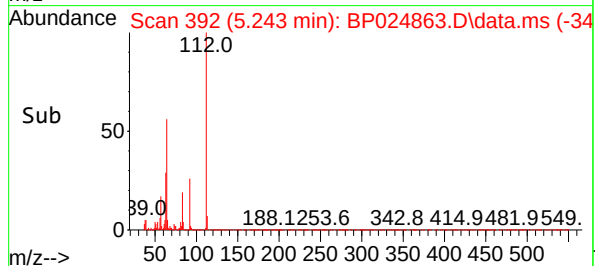
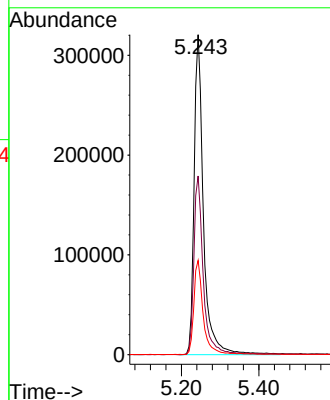
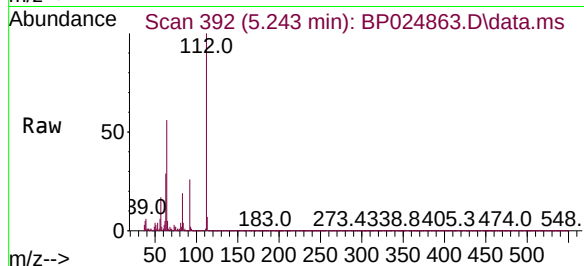
#5
2-Fluorophenol
Concen: 40.291 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 112 Resp: 53727
Ion Ratio Lower Upper
112 100
64 55.8 44.7 67.1
63 29.4 23.5 35.3

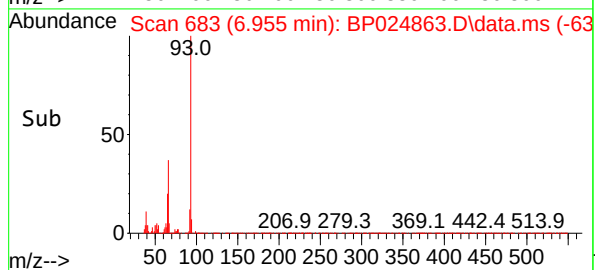
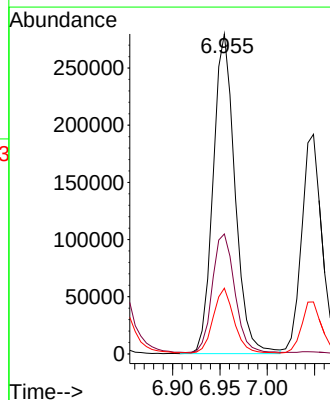
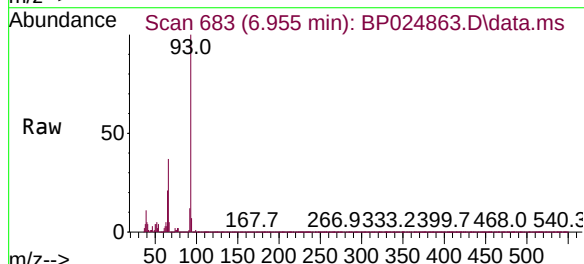
Manual Integrations
APPROVED

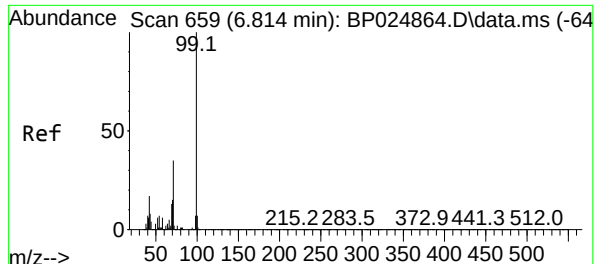
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#6
Aniline
Concen: 19.932 ng
RT: 6.955 min Scan# 683
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

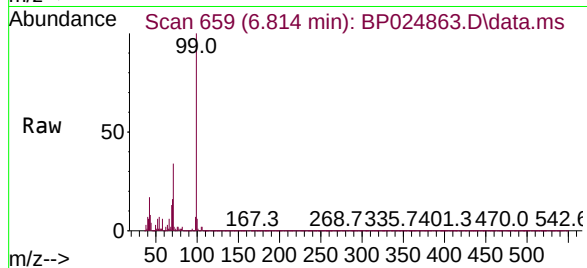
Tgt Ion: 93 Resp: 448798
Ion Ratio Lower Upper
93 100
66 37.5 30.9 46.3
65 20.5 15.5 23.3





#7
Phenol-d6
Concen: 40.063 ng
RT: 6.814 min Scan# 659
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

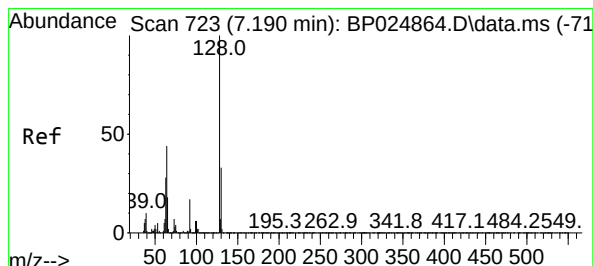
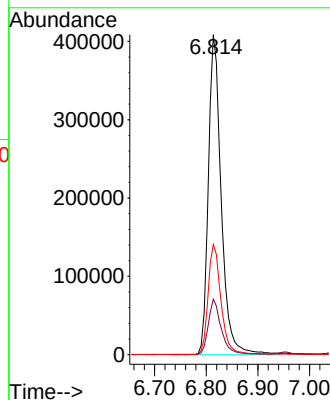
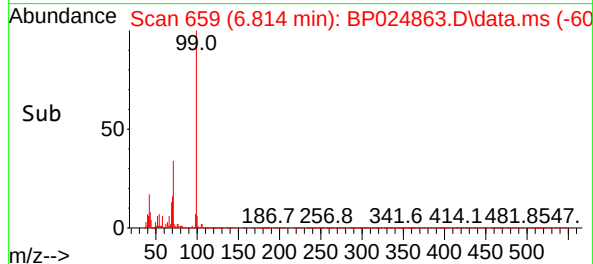
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



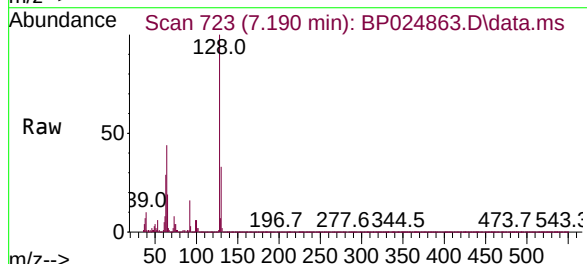
Tgt Ion: 99 Resp: 706853
Ion Ratio Lower Upper
99 100
42 17.3 13.4 20.2
71 34.4 27.6 41.4

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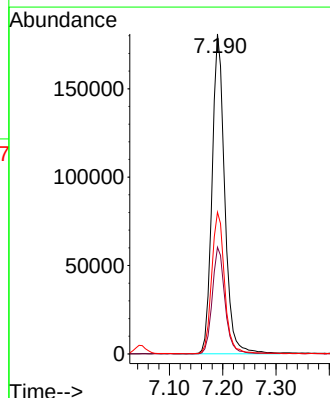
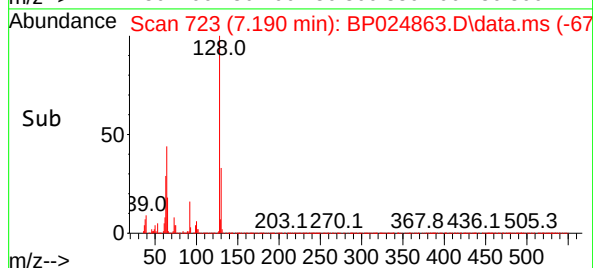
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

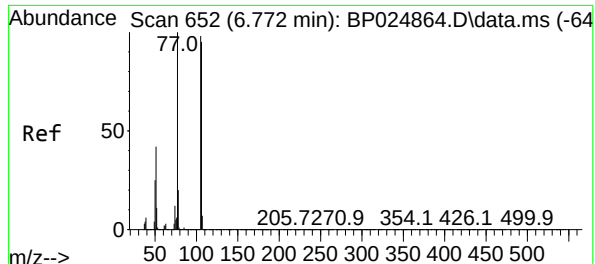


#8
2-Chlorophenol
Concen: 19.813 ng
RT: 7.190 min Scan# 723
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33



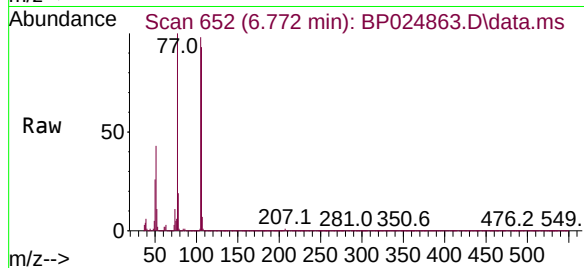
Tgt Ion:128 Resp: 299518
Ion Ratio Lower Upper
128 100
130 33.3 12.6 52.6
64 44.3 24.1 64.1





#9
Benzaldehyde
Concen: 23.366 ng m
RT: 6.772 min Scan# 652
Delta R.T. 0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

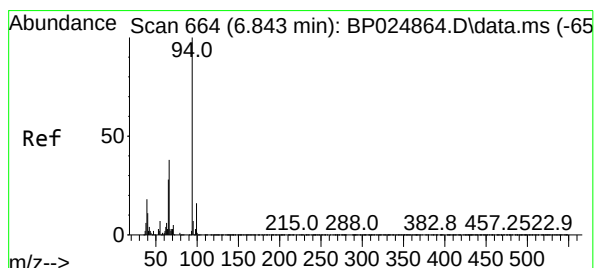
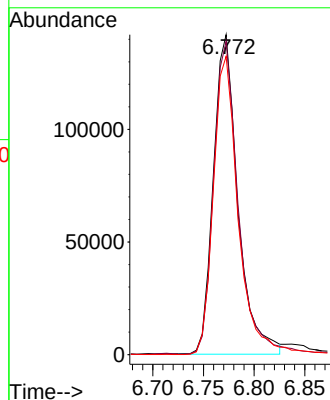
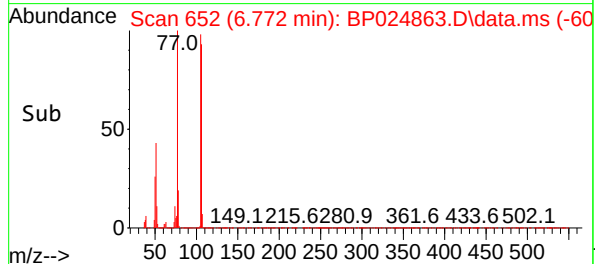
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 238300
Ion Ratio Lower Upper
77 100
105 97.9 77.7 117.7
106 93.2 74.8 114.8

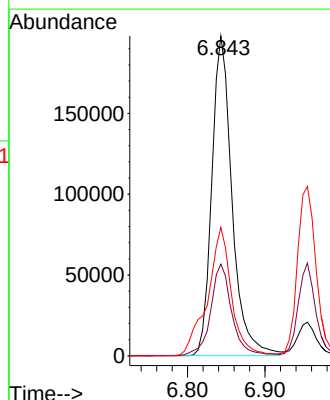
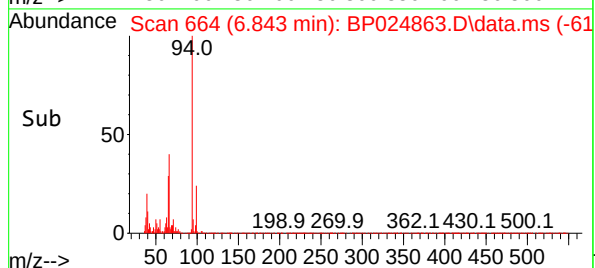
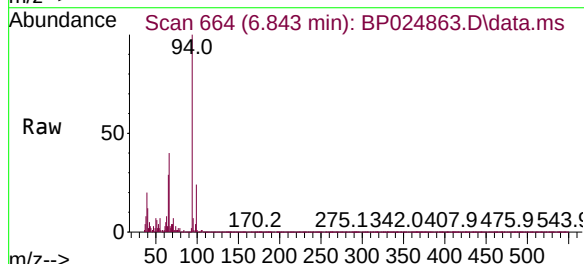
Manual Integrations
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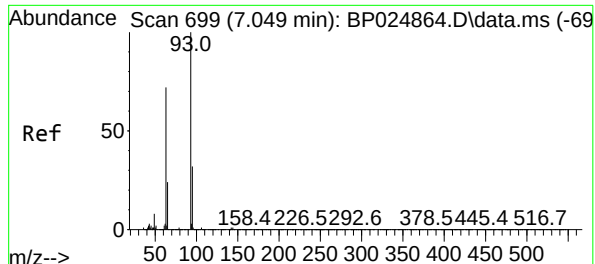
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#10
Phenol
Concen: 19.774 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion: 94 Resp: 359664
Ion Ratio Lower Upper
94 100
65 28.7 8.3 48.3
66 40.1 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 20.752 ng

RT: 7.049 min Scan# 699

Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 93 Resp: 296876

Ion Ratio Lower Upper

93 100

63 72.6 51.6 91.6

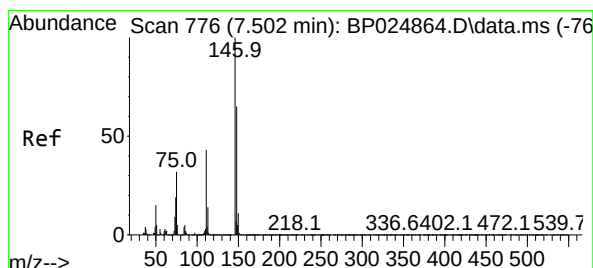
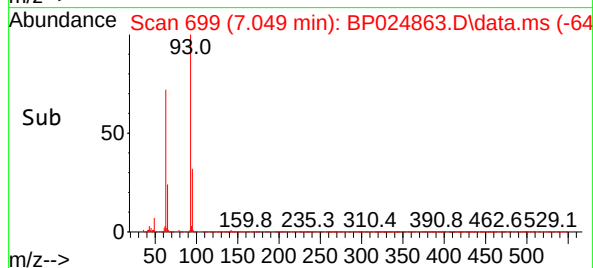
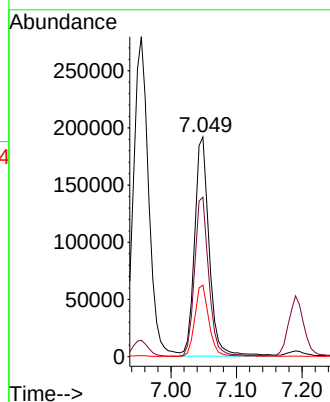
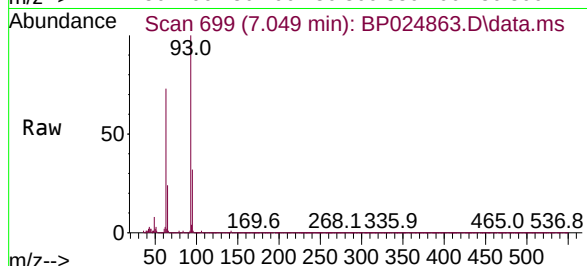
95 32.5 12.1 52.1

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#12

1,3-Dichlorobenzene

Concen: 20.283 ng

RT: 7.502 min Scan# 776

Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

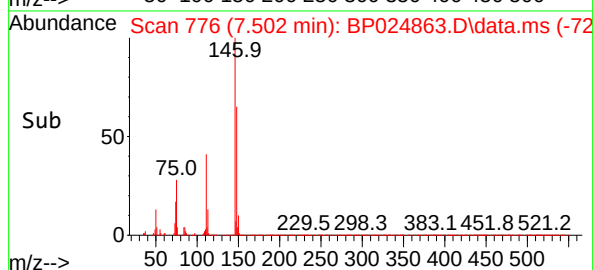
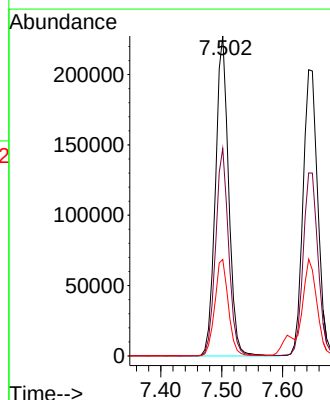
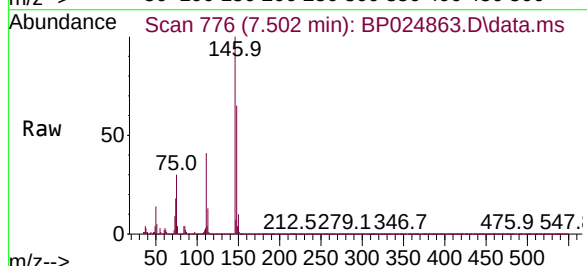
Tgt Ion:146 Resp: 342054

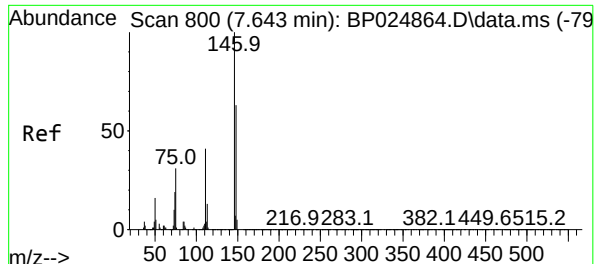
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

75 30.1 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 20.082 ng

RT: 7.643 min Scan# 800

Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 341710

Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

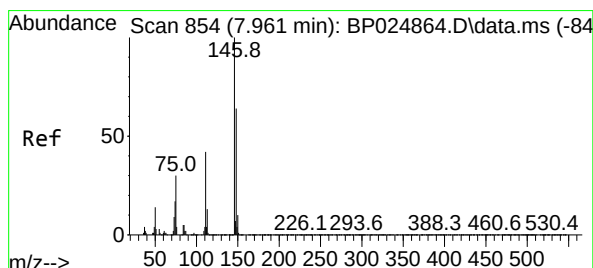
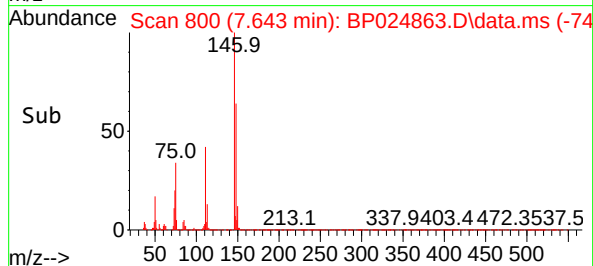
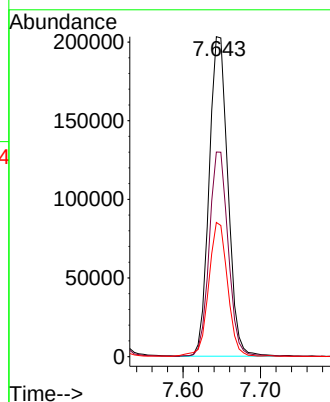
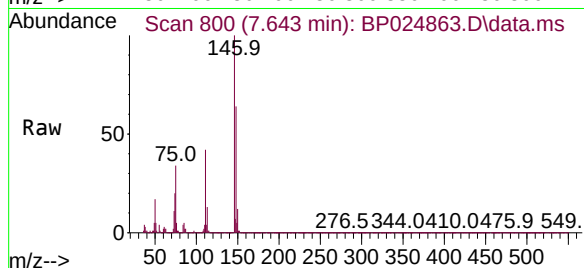
111 41.9 32.7 49.1

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#14

1,2-Dichlorobenzene

Concen: 19.825 ng

RT: 7.960 min Scan# 854

Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

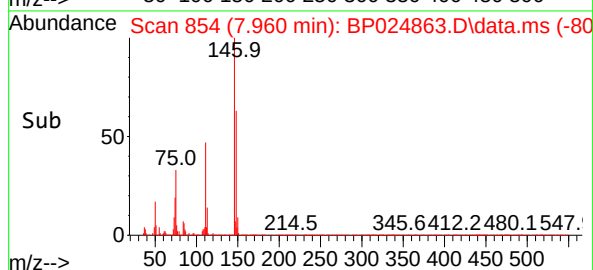
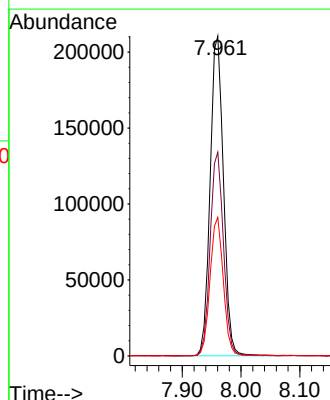
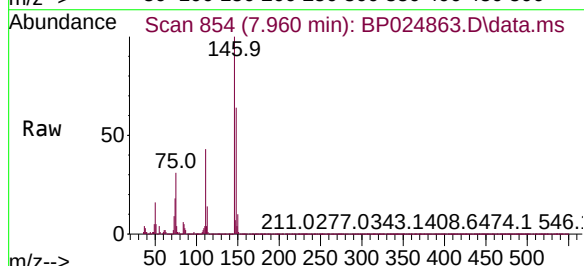
Tgt Ion:146 Resp: 331251

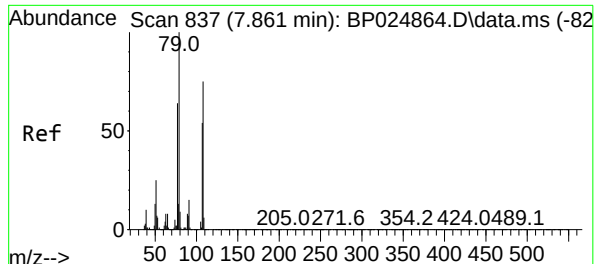
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

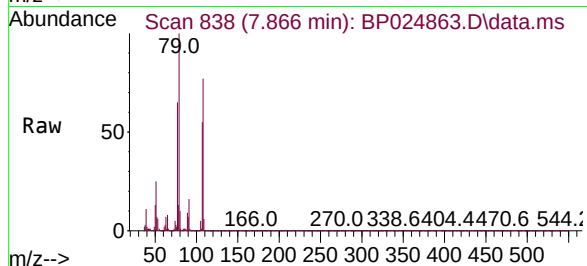
111 43.3 33.8 50.8





#15
Benzyl Alcohol
Concen: 19.476 ng
RT: 7.866 min Scan# 837
Delta R.T. 0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

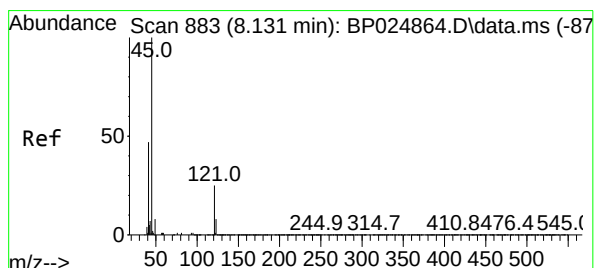
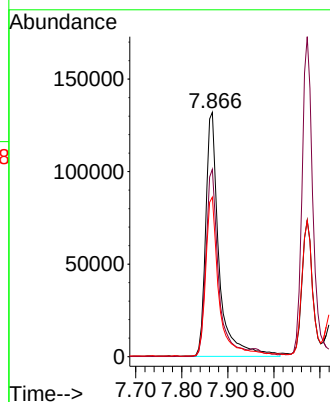
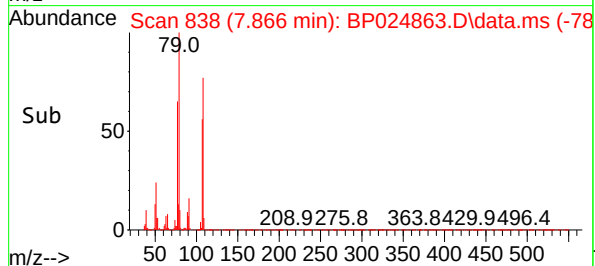
Instrument :
BNA_P
Client Sample Id :
SSTDICC020



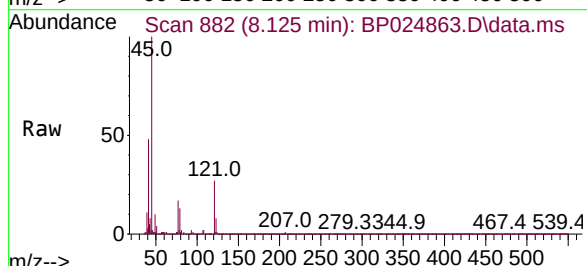
Tgt Ion: 79 Resp: 263723
Ion Ratio Lower Upper
79 100
108 76.7 60.2 90.4
77 65.3 51.2 76.8

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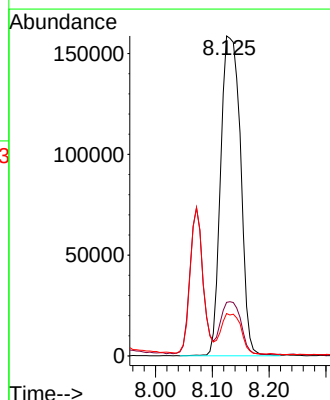
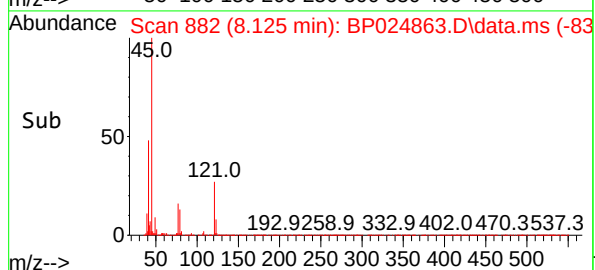
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

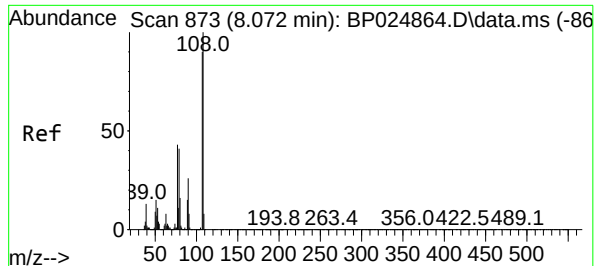


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.467 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33



Tgt Ion: 45 Resp: 383219
Ion Ratio Lower Upper
45 100
77 16.7 0.0 36.3
79 13.2 0.0 32.2





#17

2-Methylphenol

Concen: 19.940 ng

RT: 8.072 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:107 Resp: 25326

Ion Ratio Lower Upper

107 100

108 106.0 88.6 132.8

77 45.0 38.5 57.7

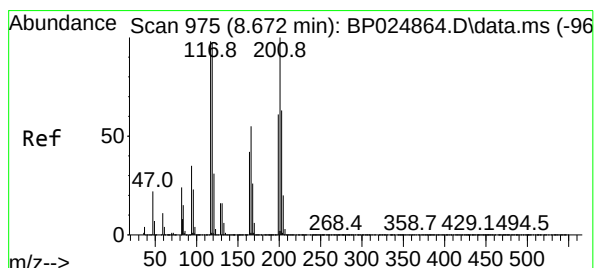
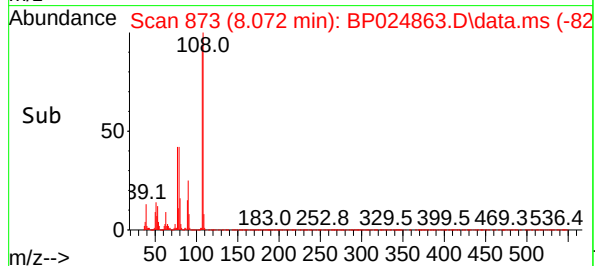
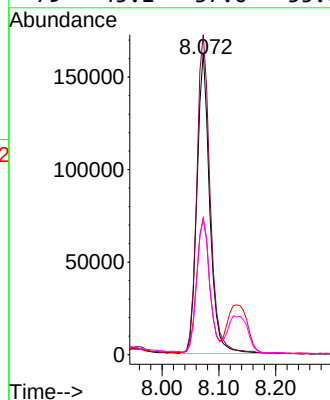
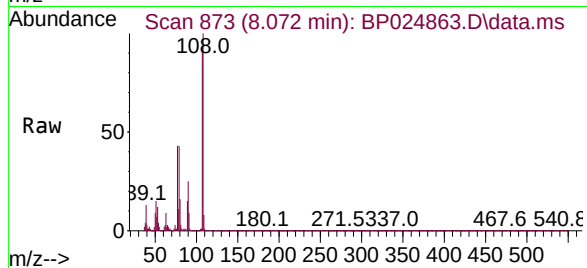
79 45.1 37.0 55.6

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#18

Hexachloroethane

Concen: 20.180 ng

RT: 8.666 min Scan# 974

Delta R.T. -0.006 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

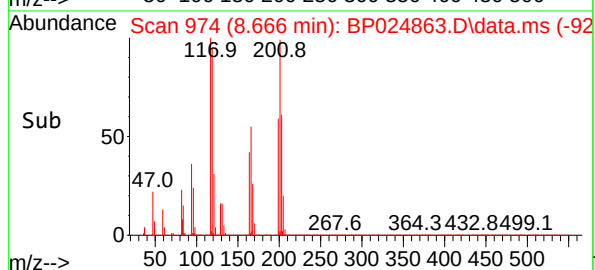
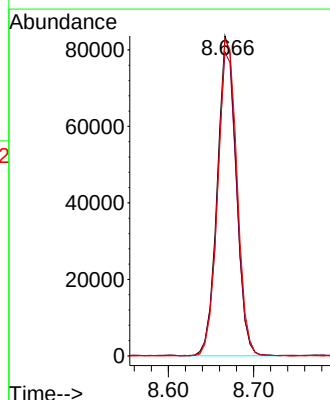
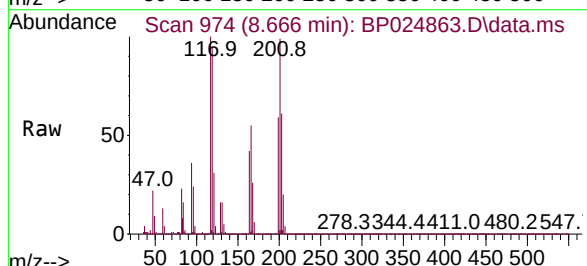
Tgt Ion:117 Resp: 129276

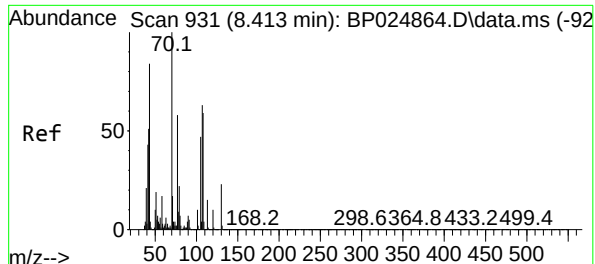
Ion Ratio Lower Upper

117 100

119 94.9 79.4 119.2

201 98.9 81.4 122.2





#19

n-Nitroso-di-n-propylamine

Concen: 20.537 ng

RT: 8.408 min Scan# 931

Delta R.T. -0.006 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 246328

Ion Ratio Lower Upper

70 100

42 51.7 41.2 61.8

101 10.2 8.3 12.5

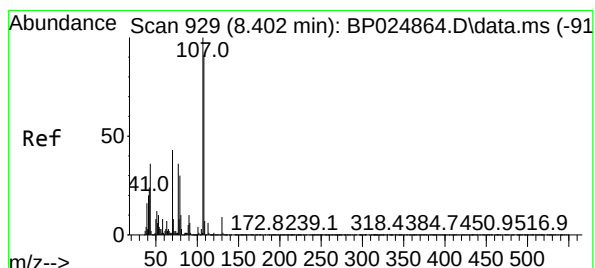
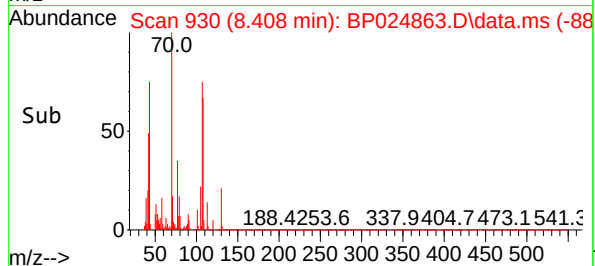
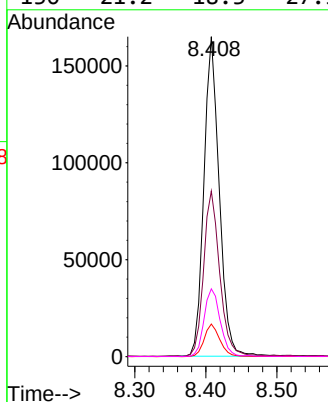
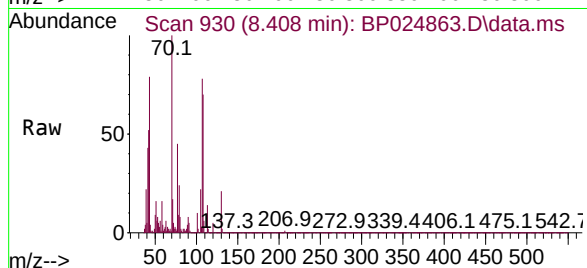
130 21.2 18.3 27.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#20

3+4-Methylphenols

Concen: 19.881 ng

RT: 8.402 min Scan# 929

Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Tgt Ion:107 Resp: 344513

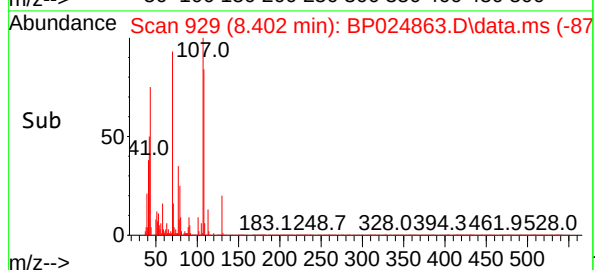
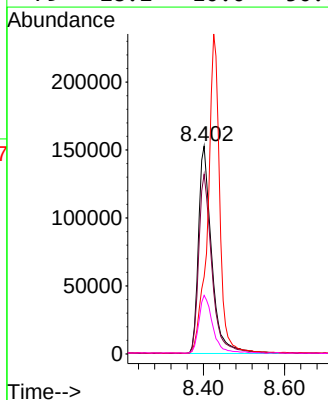
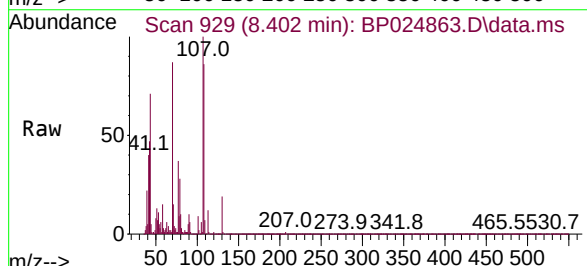
Ion Ratio Lower Upper

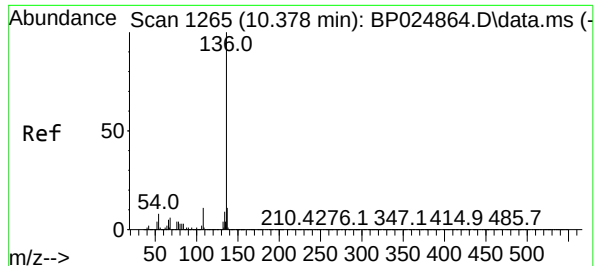
107 100

108 86.4 70.7 110.7

77 37.1 16.6 56.6

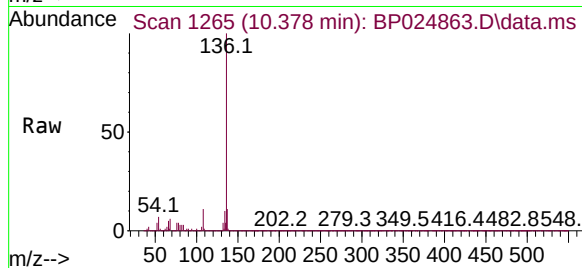
79 28.2 10.0 50.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

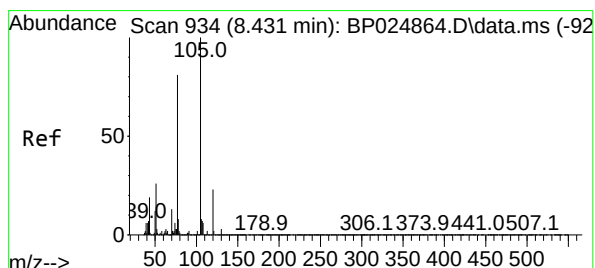
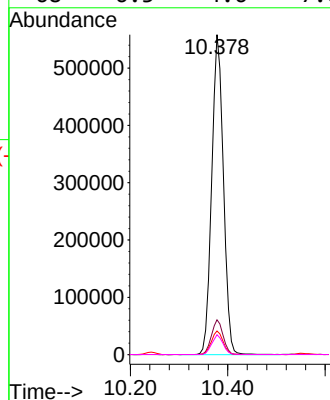
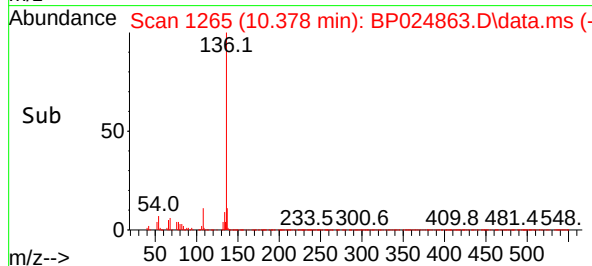
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:136 Resp: 933995
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.4 6.1 9.1
68 6.3 4.6 7.0

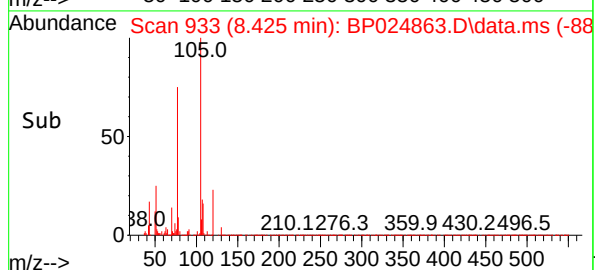
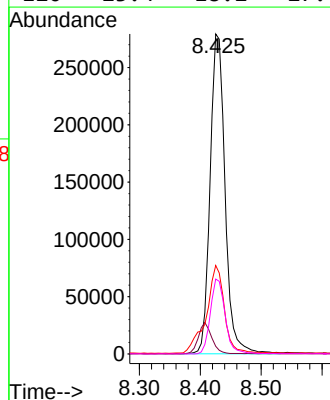
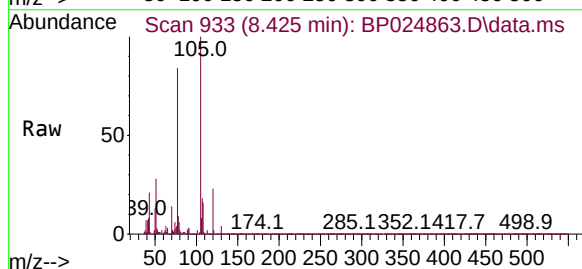
Manual Integrations
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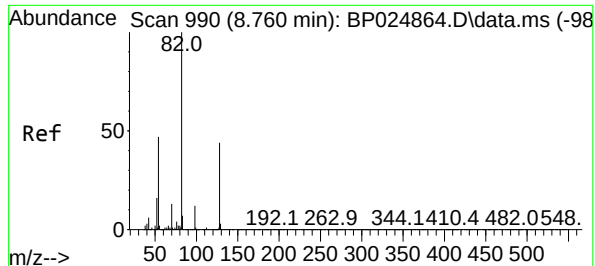
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#22
Acetophenone
Concen: 20.211 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:105 Resp: 476927
Ion Ratio Lower Upper
105 100
71 2.4 1.6 2.4
51 27.6 20.6 31.0
120 23.4 18.2 27.4





#23

Nitrobenzene-d5

Concen: 41.087 ng

RT: 8.760 min Scan# 990

Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

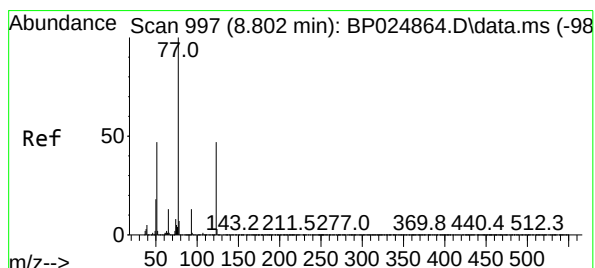
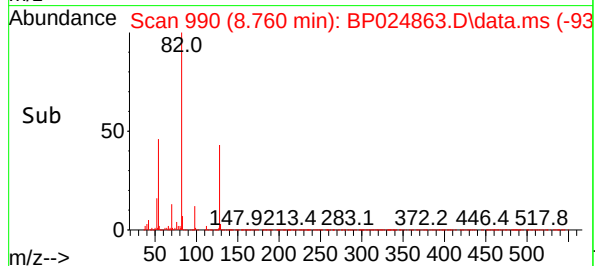
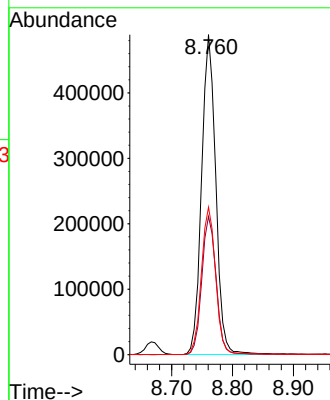
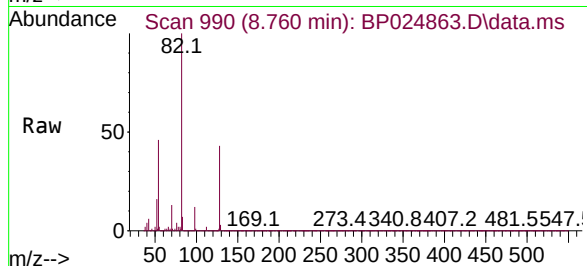
Tgt Ion:	82	Resp:	789724
Ion	Ratio	Lower	Upper
82	100		
128	43.2	35.3	52.9
54	46.1	37.4	56.0

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#24

Nitrobenzene

Concen: 20.521 ng

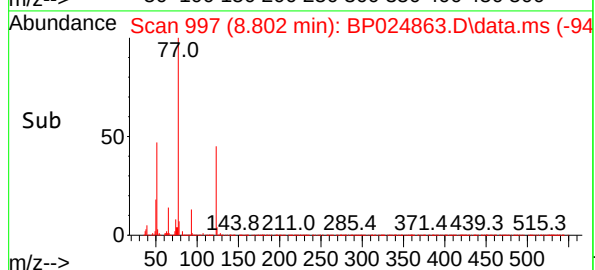
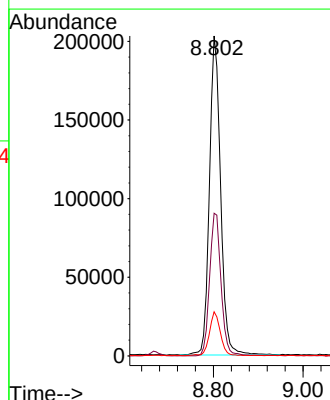
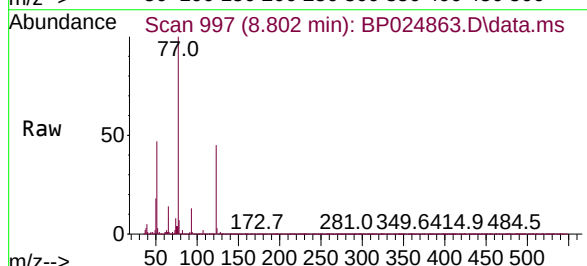
RT: 8.802 min Scan# 997

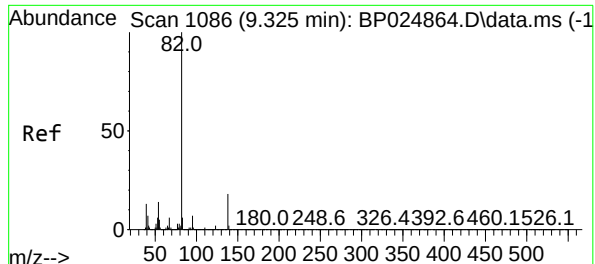
Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

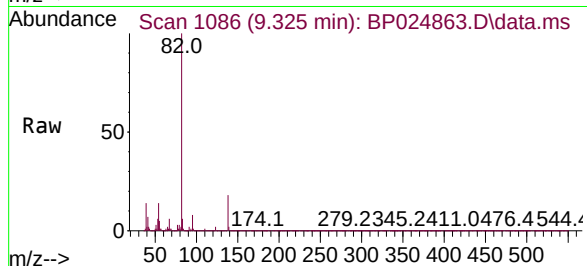
Tgt Ion:	77	Resp:	350404
Ion	Ratio	Lower	Upper
77	100		
123	44.6	37.3	55.9
65	13.8	10.8	16.2





#25
Isophorone
Concen: 20.309 ng
RT: 9.325 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

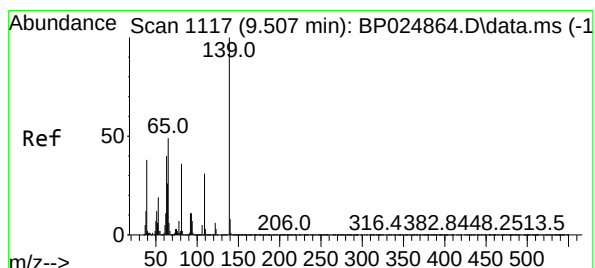
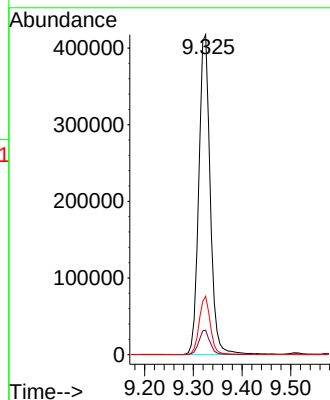
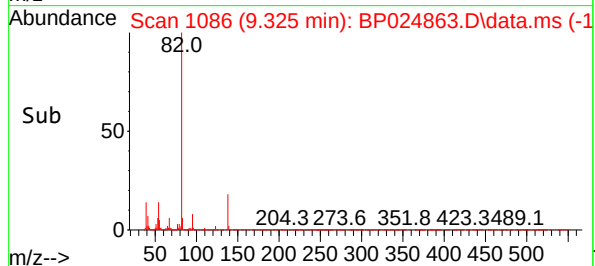
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 676527
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 18.3 14.6 21.8

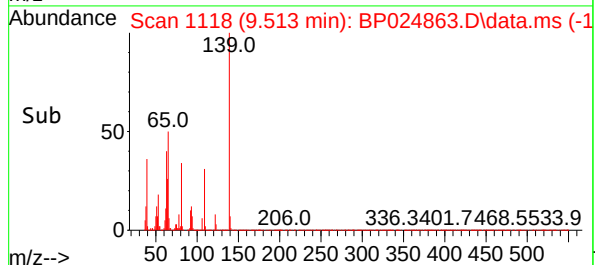
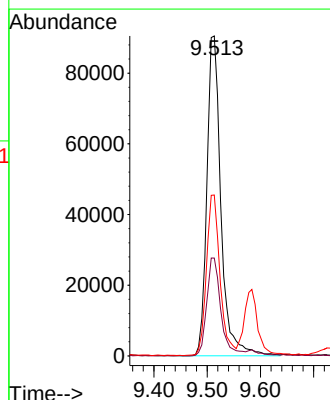
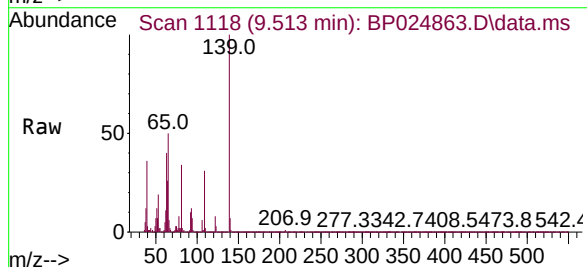
Manual Integrations
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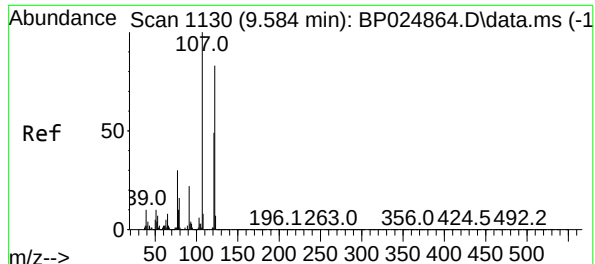
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#26
2-Nitrophenol
Concen: 19.736 ng
RT: 9.513 min Scan# 1118
Delta R.T. 0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:139 Resp: 166277
Ion Ratio Lower Upper
139 100
109 30.6 24.6 37.0
65 50.3 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 20.094 ng

RT: 9.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

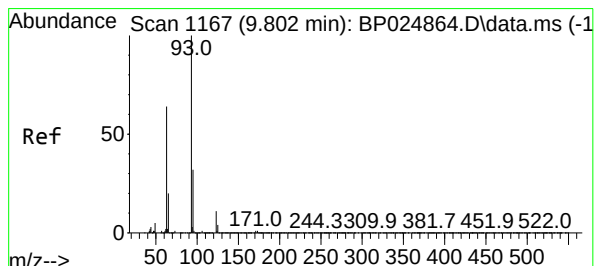
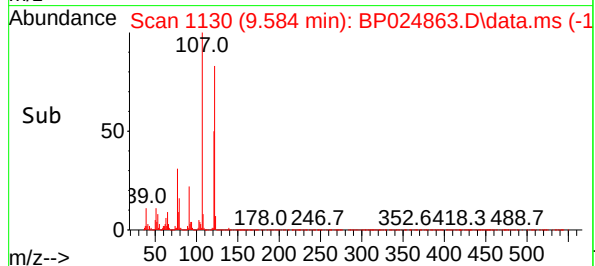
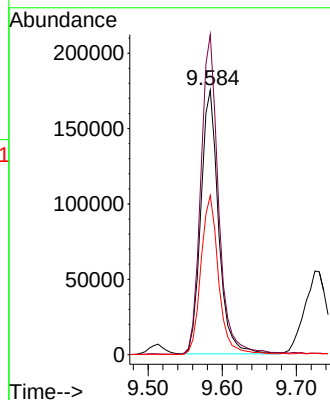
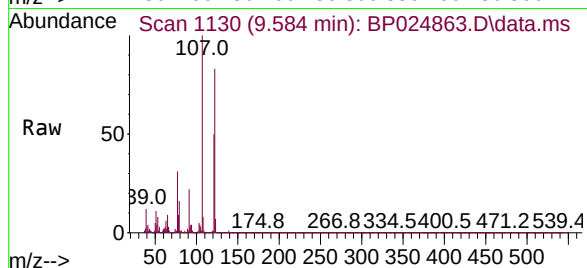
Tgt Ion: 122 Resp: 289730
Ion Ratio Lower Upper
122 100
107 121.0 96.2 144.4
121 60.2 47.0 70.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#28

bis(2-Chloroethoxy)methane

Concen: 20.603 ng

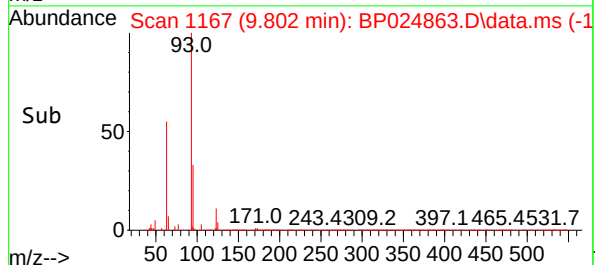
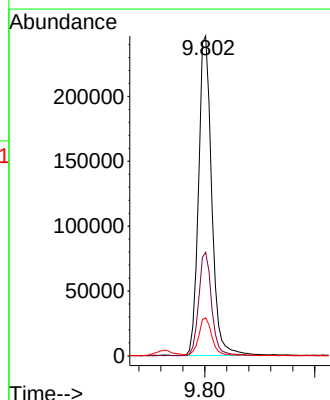
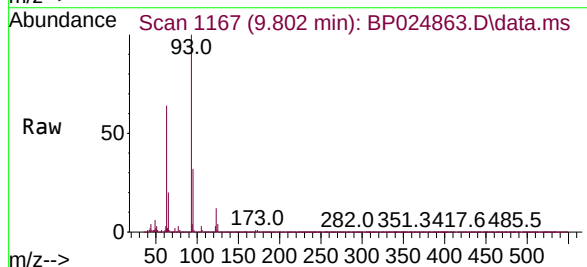
RT: 9.802 min Scan# 1167

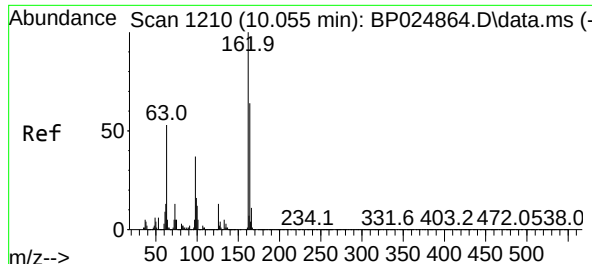
Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Tgt Ion: 93 Resp: 409390
Ion Ratio Lower Upper
93 100
95 32.4 25.5 38.3
123 11.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 20.242 ng

RT: 10.060 min Scan# 1211

Delta R.T. 0.006 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 28050

Ion Ratio Lower Upper

162 100

164 64.0 44.0 84.0

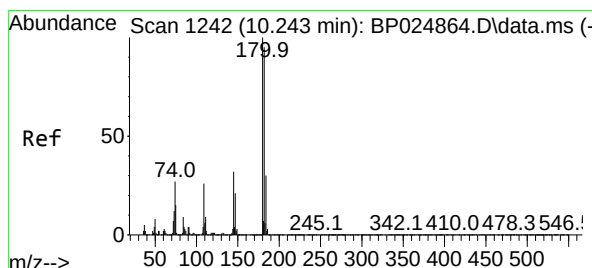
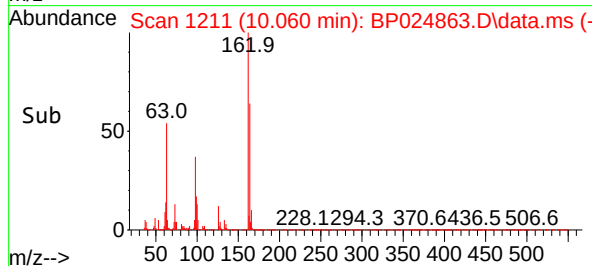
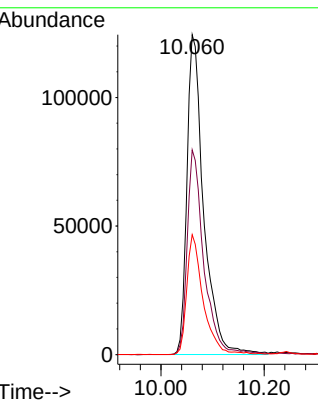
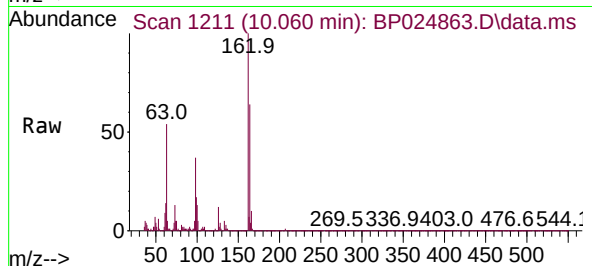
98 37.5 16.9 56.9

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#30

1,2,4-Trichlorobenzene

Concen: 20.074 ng

RT: 10.243 min Scan# 1242

Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

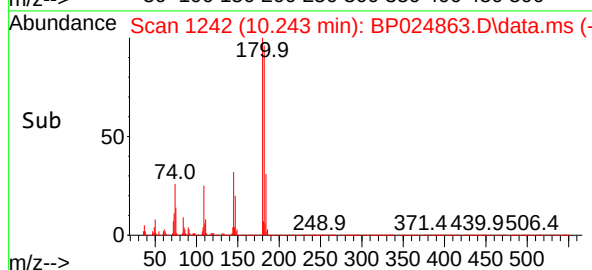
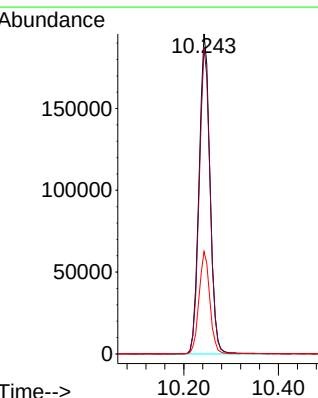
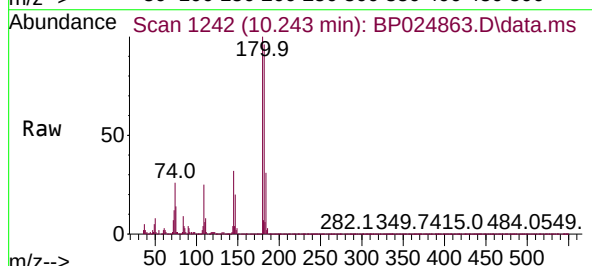
Tgt Ion:180 Resp: 313253

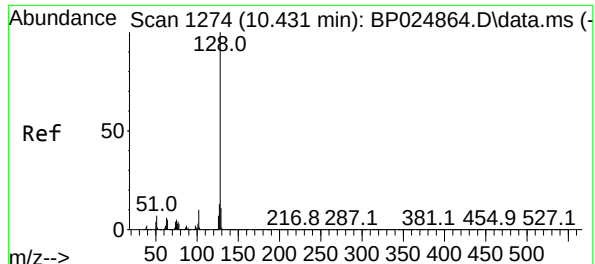
Ion Ratio Lower Upper

180 100

182 95.9 75.8 113.6

145 32.0 25.7 38.5





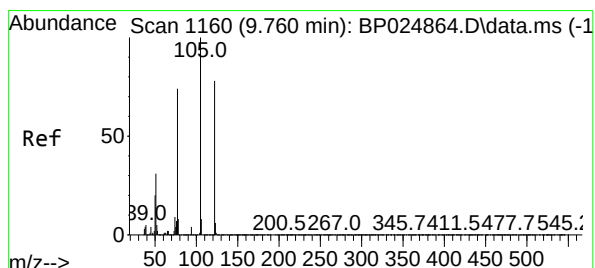
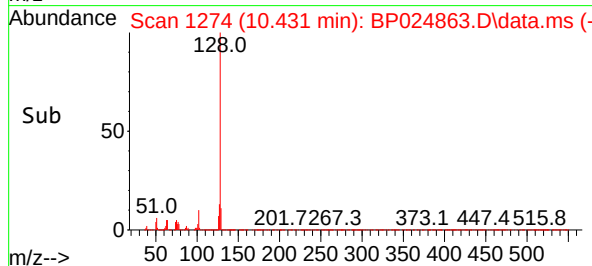
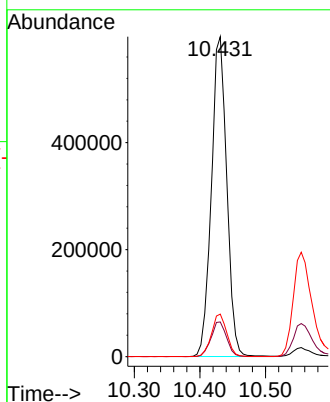
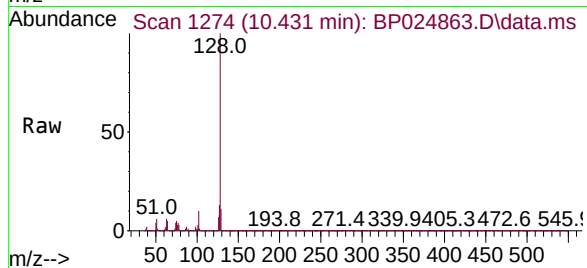
#31
Naphthalene
Concen: 20.381 ng
RT: 10.431 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 975495
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.7 16.1

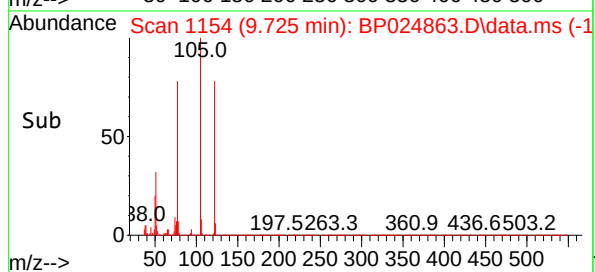
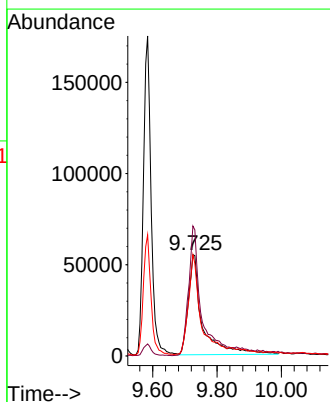
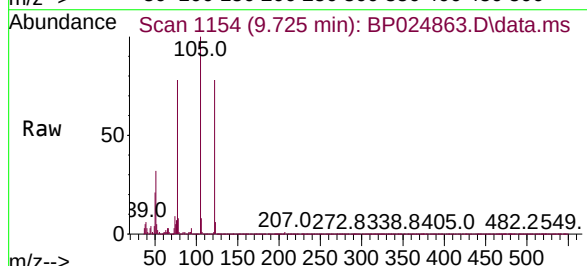
Manual Integrations
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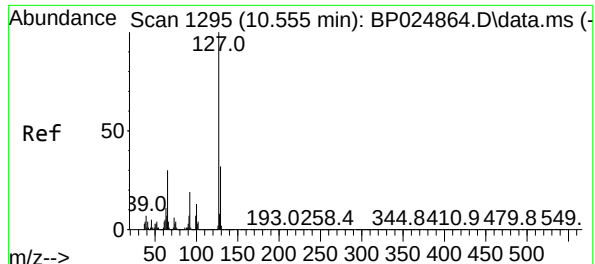
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#32
Benzoic acid
Concen: 17.546 ng
RT: 9.725 min Scan# 1154
Delta R.T. -0.035 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:122 Resp: 168675
Ion Ratio Lower Upper
122 100
105 128.5 107.1 147.1
77 99.9 75.1 115.1





#33

4-Chloroaniline

Concen: 20.252 ng

RT: 10.554 min Scan# 1295

Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 406109

Ion Ratio Lower Upper

127 100

129 31.6 25.9 38.9

65 29.7 23.9 35.9

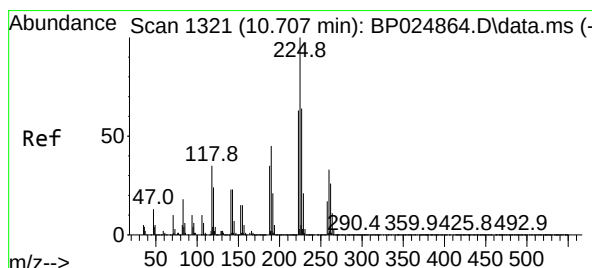
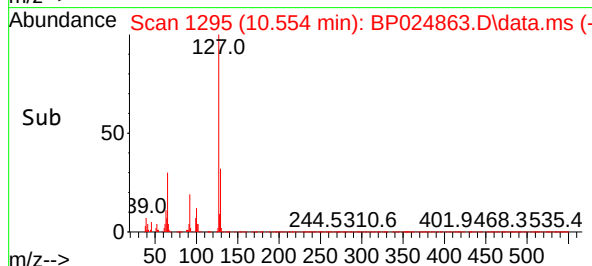
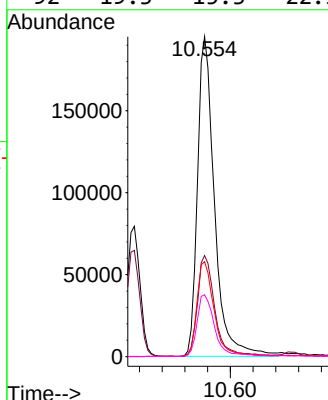
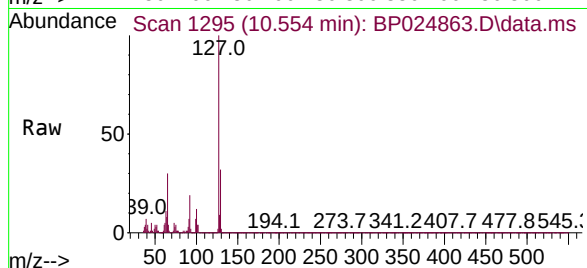
92 19.3 15.3 22.9

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#34

Hexachlorobutadiene

Concen: 20.660 ng

RT: 10.707 min Scan# 1321

Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

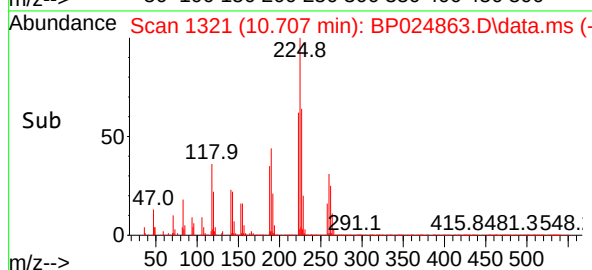
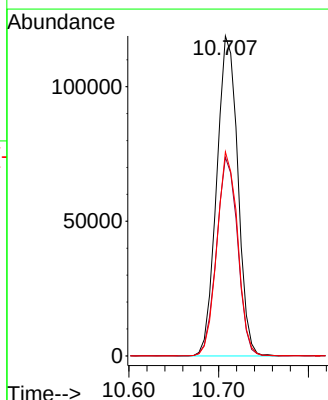
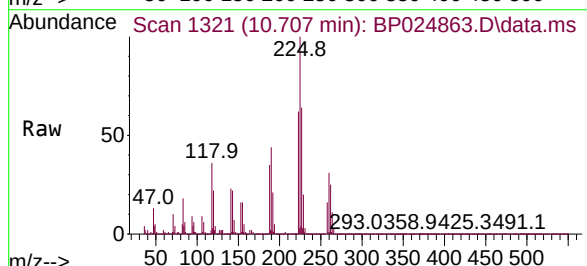
Tgt Ion:225 Resp: 194310

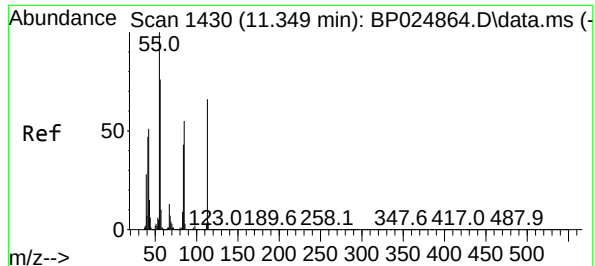
Ion Ratio Lower Upper

225 100

223 62.0 50.5 75.7

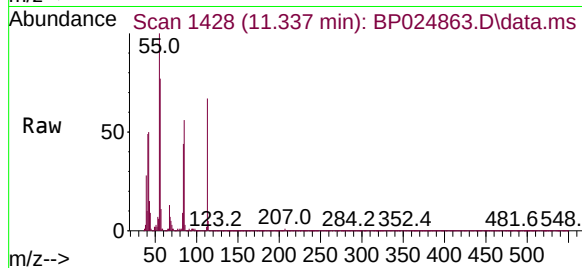
227 63.8 51.4 77.2





#35
Caprolactam
Concen: 19.975 ng
RT: 11.337 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

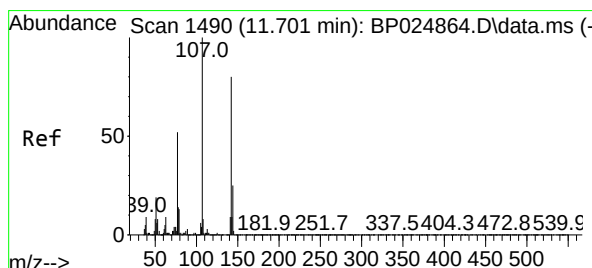
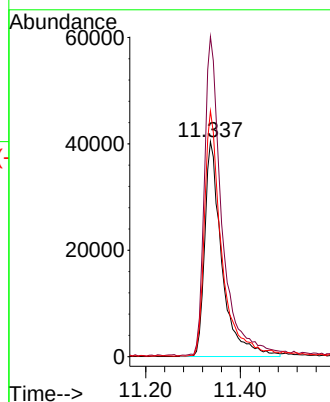
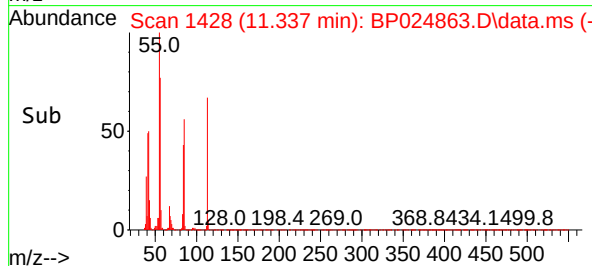
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:113 Resp: 10172
Ion Ratio Lower Upper
113 100
55 148.8 132.5 172.5
56 114.3 96.0 136.0

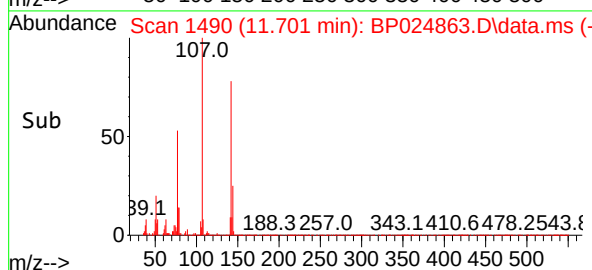
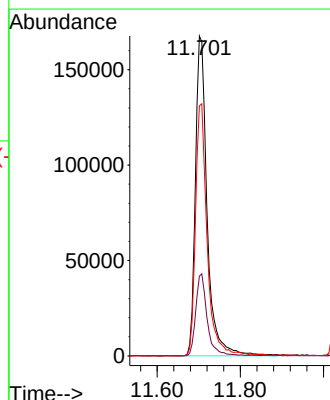
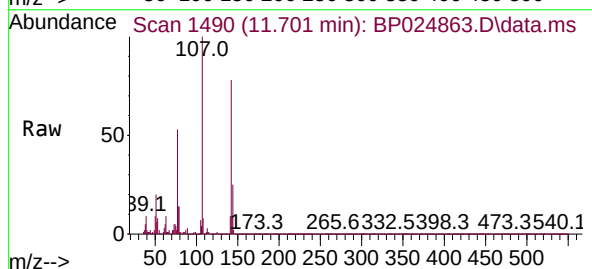
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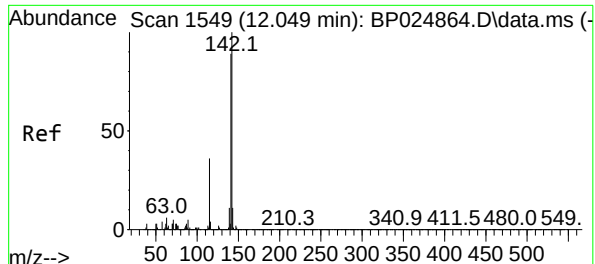
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#36
4-Chloro-3-methylphenol
Concen: 20.569 ng
RT: 11.701 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

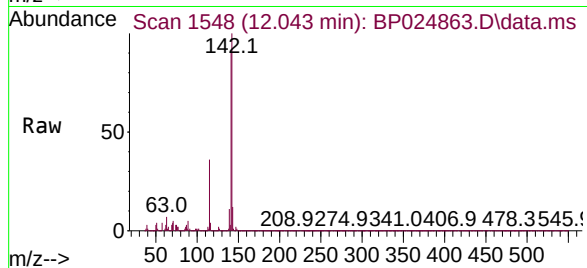
Tgt Ion:107 Resp: 328233
Ion Ratio Lower Upper
107 100
144 24.9 20.4 30.6
142 78.1 63.8 95.6





#37
2-Methylnaphthalene
Concen: 20.267 ng
RT: 12.043 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

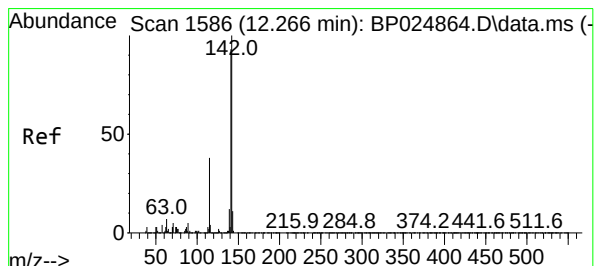
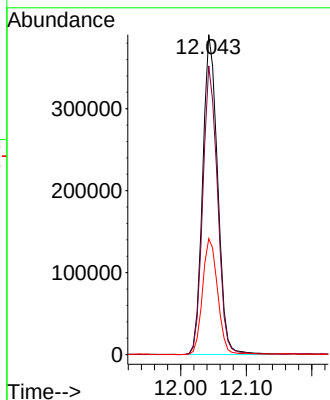
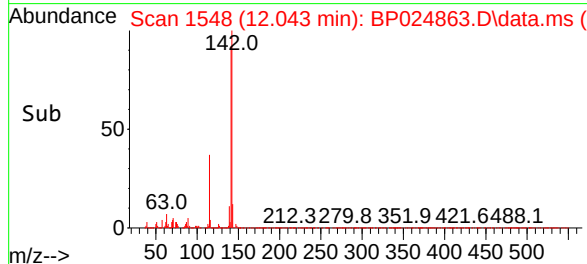
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:142 Resp: 615339
Ion Ratio Lower Upper
142 100
141 90.2 71.2 106.8
115 36.2 28.5 42.7

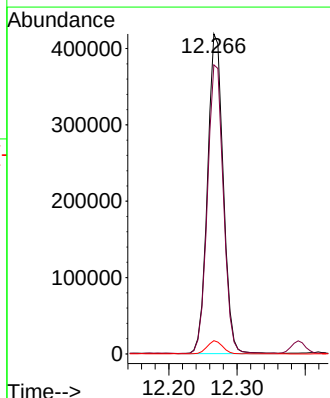
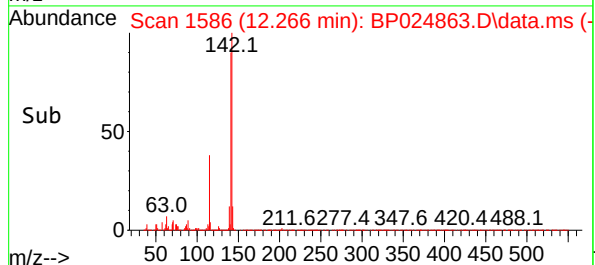
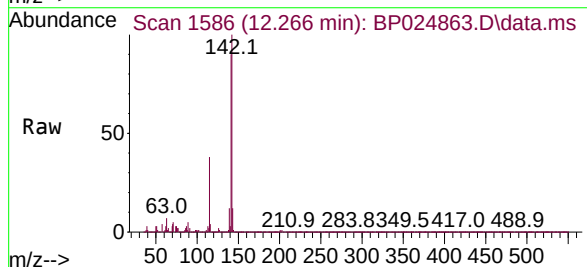
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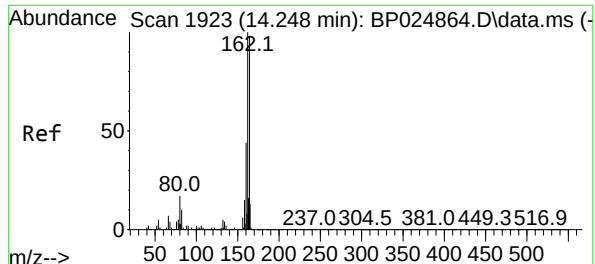
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#38
1-Methylnaphthalene
Concen: 20.648 ng
RT: 12.266 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:142 Resp: 670212
Ion Ratio Lower Upper
142 100
141 90.3 74.7 112.1
116 4.2 3.4 5.0





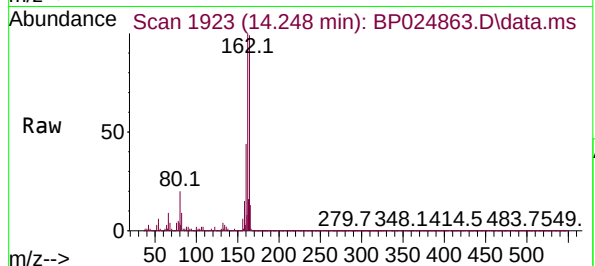
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020



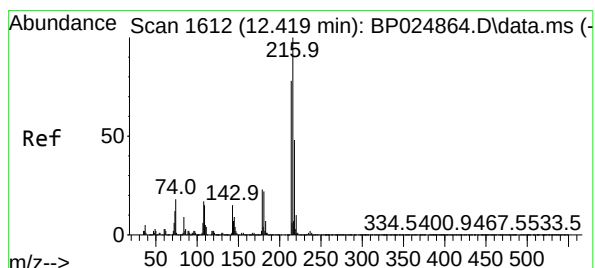
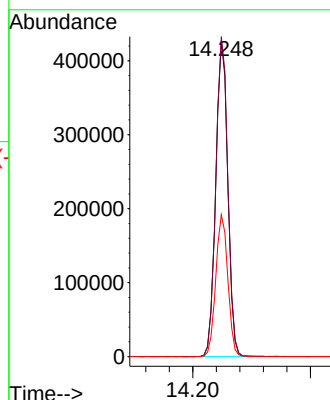
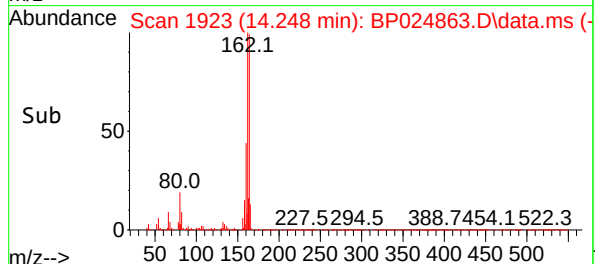
Tgt Ion:164 Resp: 604798
Ion Ratio Lower Upper
164 100
162 101.3 81.6 122.4
160 44.9 36.2 54.2

Manual Integrations

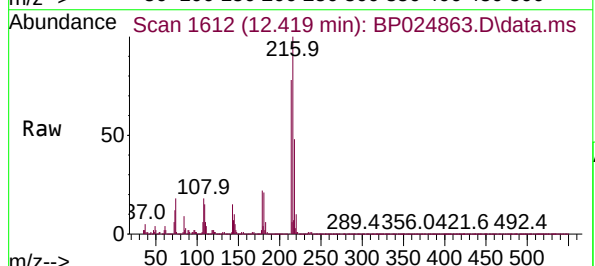
APPROVED

Reviewed By :Rahul Chavli 06/09/2025

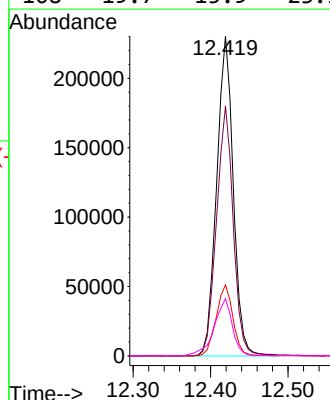
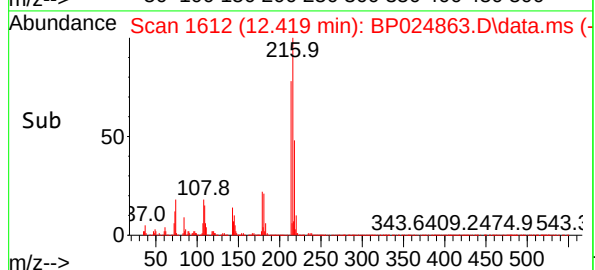
Supervised By :Jagrut Upadhyay 06/09/2025

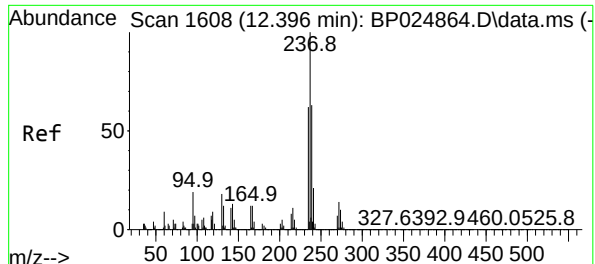


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.018 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33



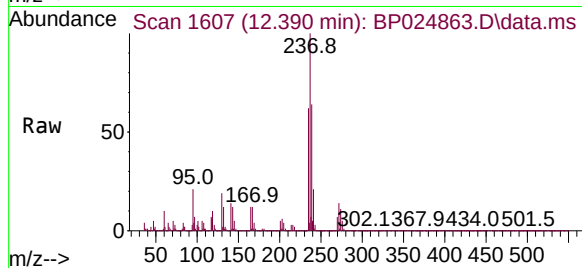
Tgt Ion:216 Resp: 343533
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.4
179 22.5 17.8 26.6
108 19.7 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 18.191 ng
RT: 12.390 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

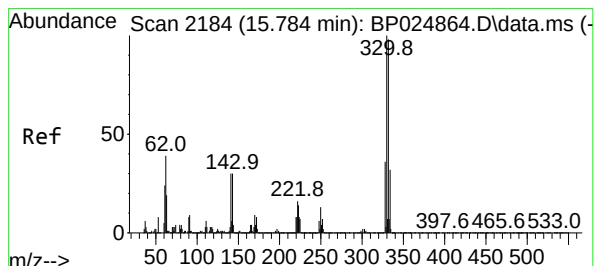
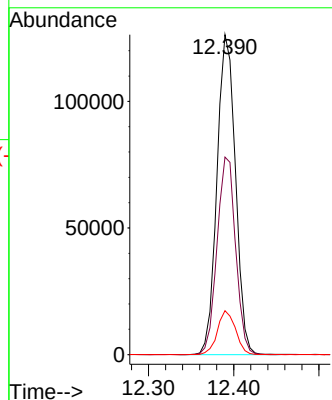
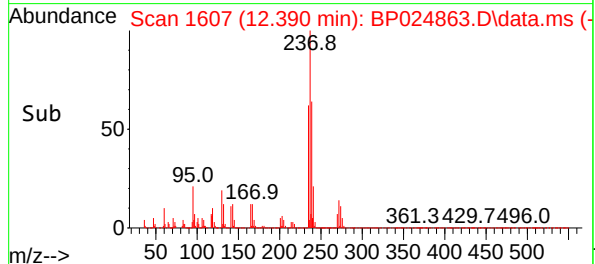
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 237 Resp: 190407
Ion Ratio Lower Upper
237 100
235 61.7 41.9 81.9
272 13.7 0.0 33.7

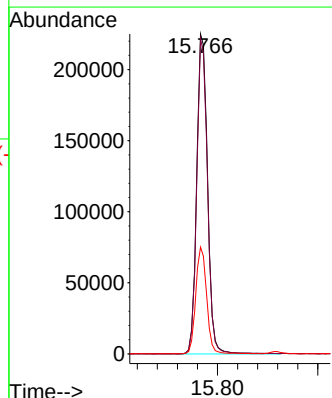
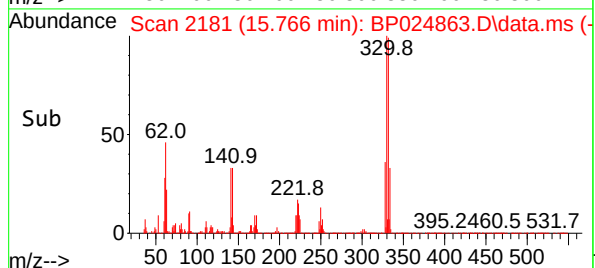
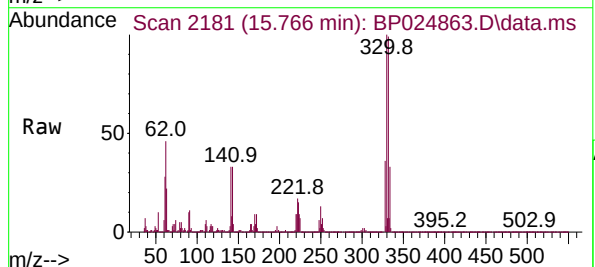
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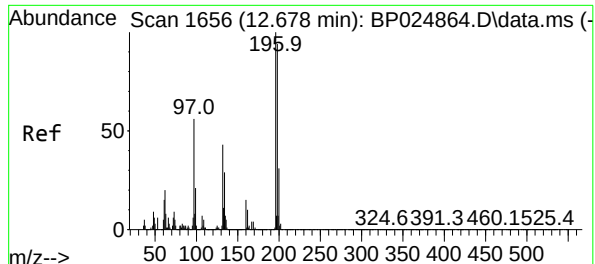
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#42
2,4,6-Tribromophenol
Concen: 40.373 ng
RT: 15.766 min Scan# 2181
Delta R.T. -0.018 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion: 330 Resp: 337588
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 33.2 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 20.265 ng

RT: 12.684 min Scan# 1656

Delta R.T. 0.006 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:196 Resp: 233556

Ion Ratio Lower Upper

196 100

198 95.2 75.4 113.0

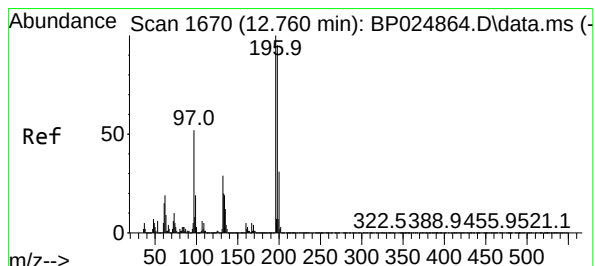
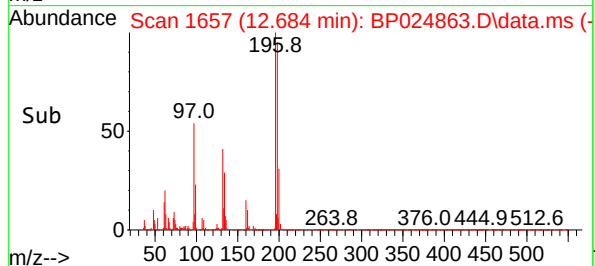
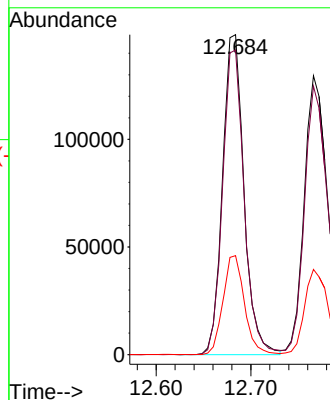
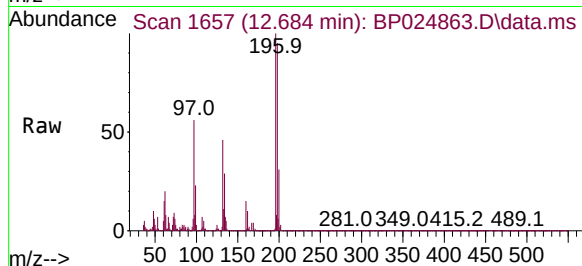
200 30.9 24.4 36.6

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#44

2,4,5-Trichlorophenol

Concen: 20.279 ng

RT: 12.766 min Scan# 1671

Delta R.T. 0.006 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Tgt Ion:196 Resp: 250294

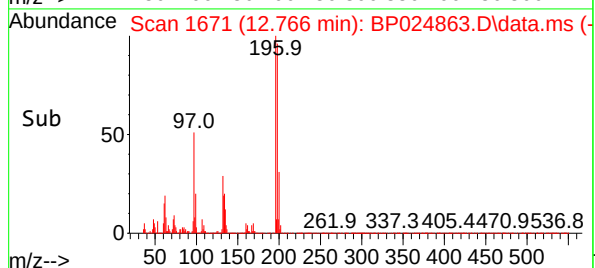
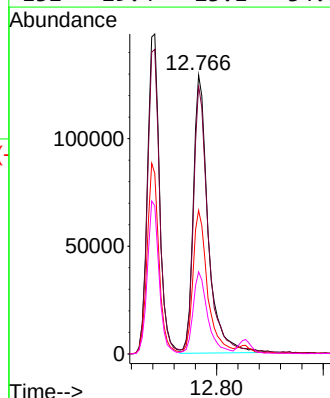
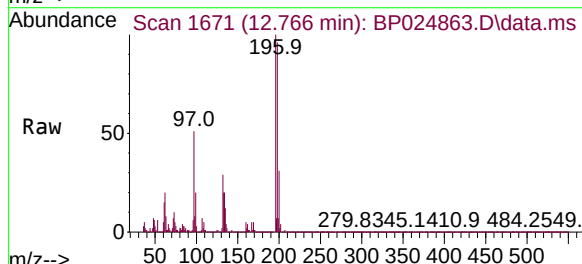
Ion Ratio Lower Upper

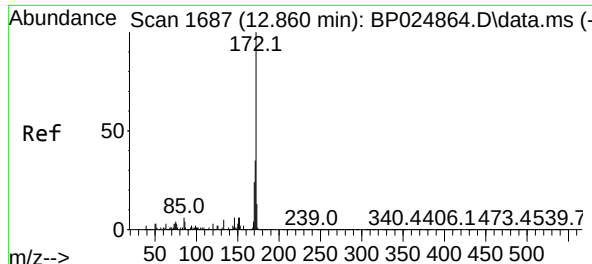
196 100

198 96.3 76.0 114.0

97 51.5 41.5 62.3

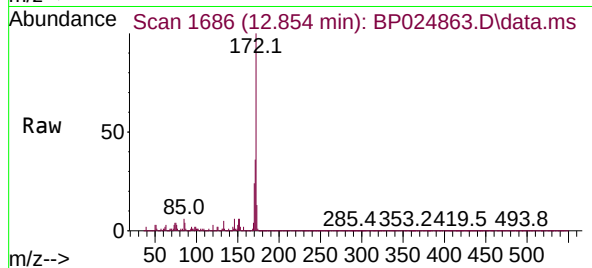
132 29.4 23.1 34.7





#45
2-Fluorobiphenyl
Concen: 40.864 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

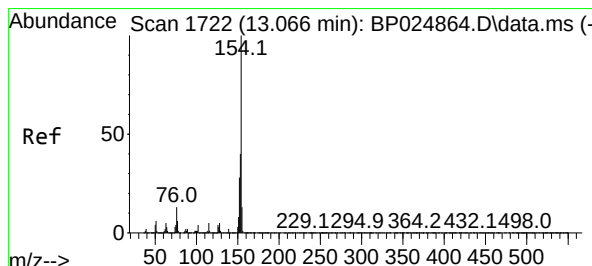
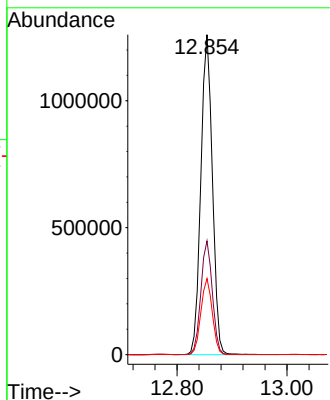
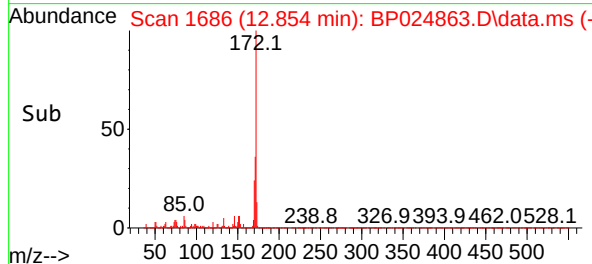
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:172 Resp: 1834625
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.8 19.0 28.4

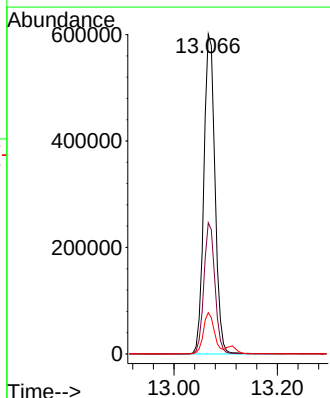
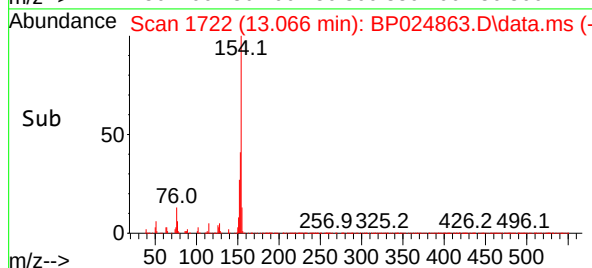
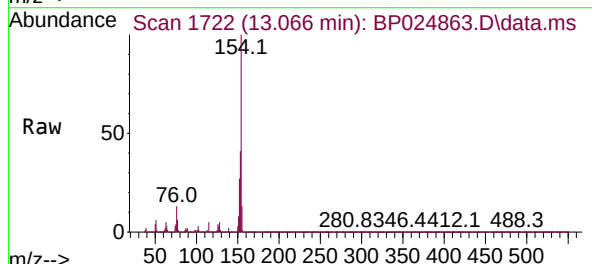
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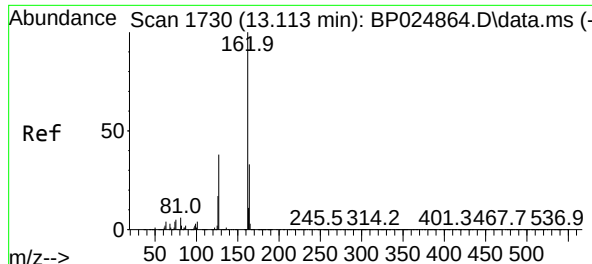
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#46
1,1'-Biphenyl
Concen: 20.433 ng
RT: 13.066 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:154 Resp: 898074
Ion Ratio Lower Upper
154 100
153 41.0 20.3 60.3
76 12.9 0.0 33.0





#47

2-Chloronaphthalene

Concen: 20.324 ng

RT: 13.113 min Scan# 1730

Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 686558

Ion Ratio Lower Upper

162 100

127 40.8 32.5 48.7

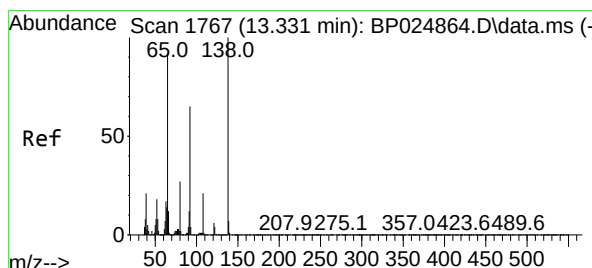
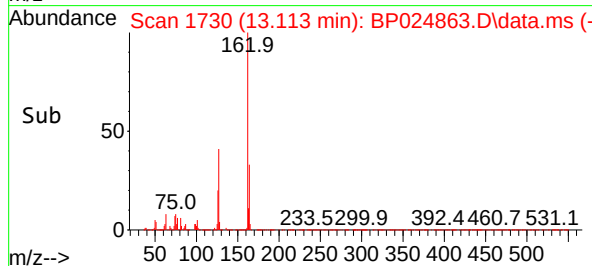
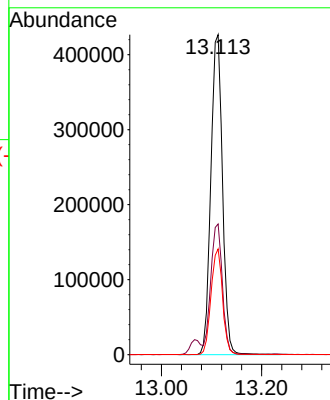
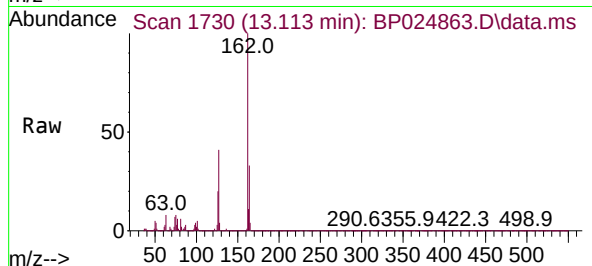
164 33.0 26.2 39.2

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#48

2-Nitroaniline

Concen: 20.059 ng

RT: 13.337 min Scan# 1768

Delta R.T. 0.006 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

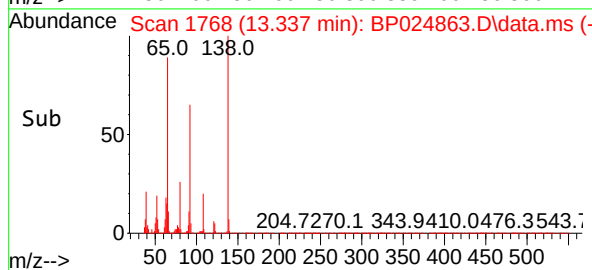
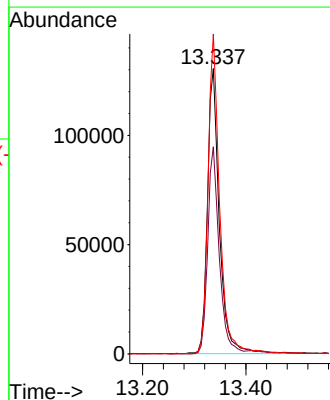
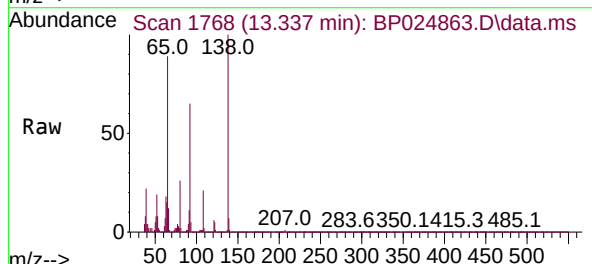
Tgt Ion: 65 Resp: 208318

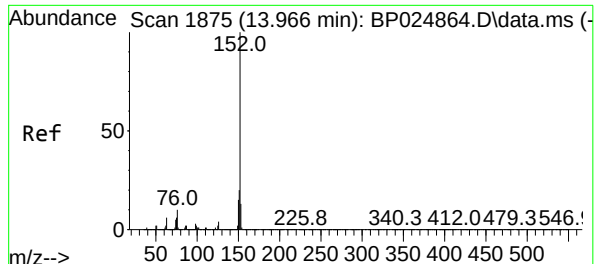
Ion Ratio Lower Upper

65 100

92 72.6 56.8 85.2

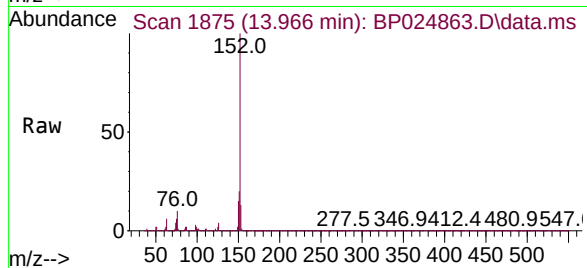
138 112.2 86.9 130.3





#49
Acenaphthylene
Concen: 20.311 ng
RT: 13.966 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

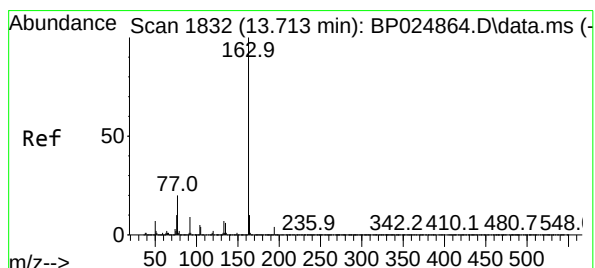
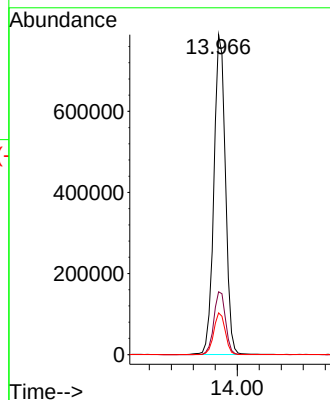
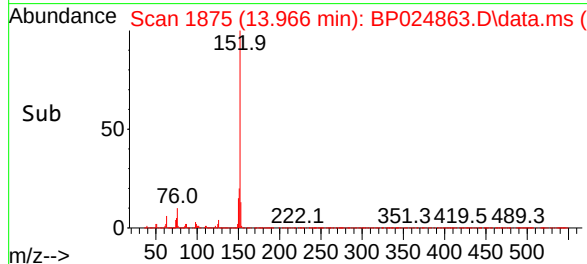
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



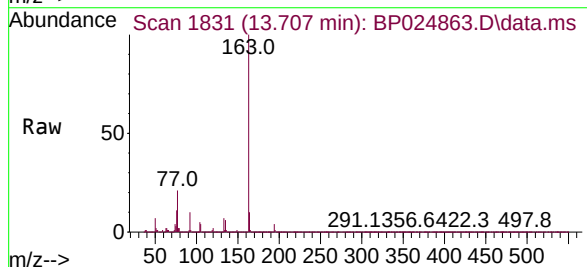
Tgt Ion:152 Resp: 1144019
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2
153 13.0 10.6 15.8

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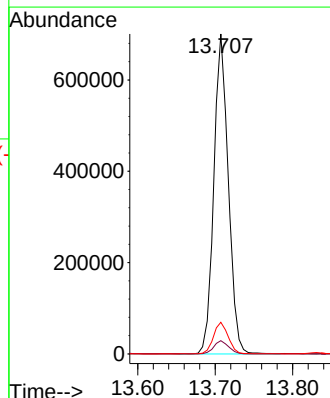
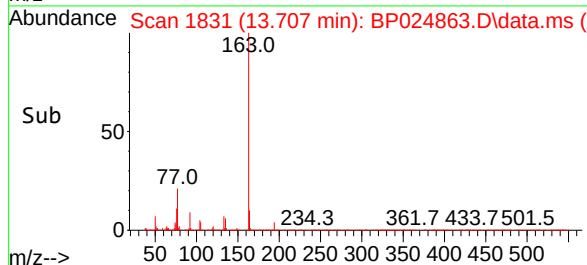
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

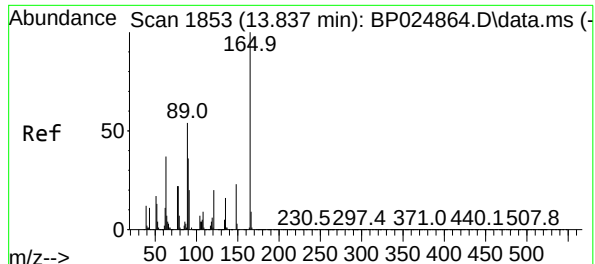


#50
Dimethylphthalate
Concen: 20.354 ng
RT: 13.707 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33



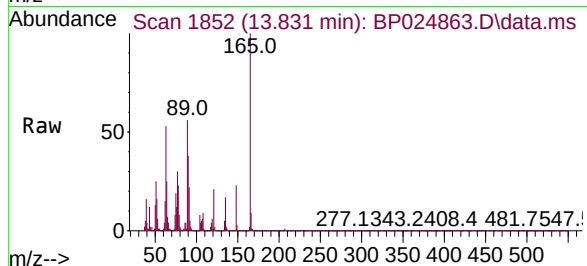
Tgt Ion:163 Resp: 908091
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.9 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 20.490 ng
RT: 13.831 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

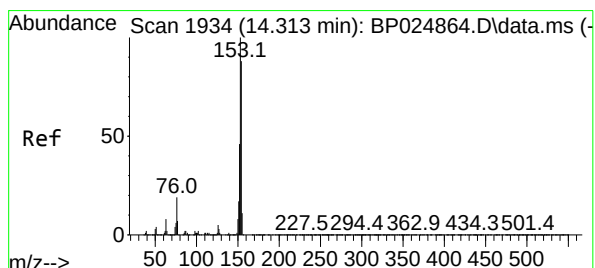
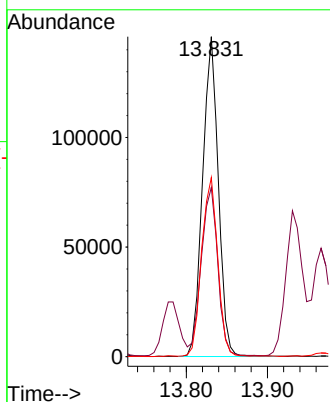
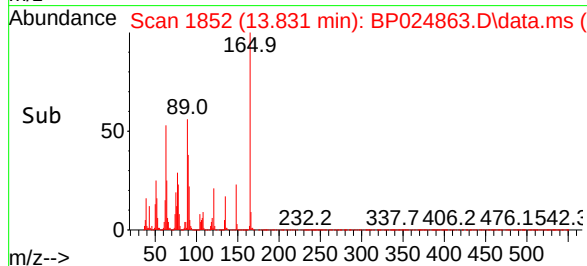
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 197073
Ion Ratio Lower Upper
165 100
63 52.9 41.8 62.8
89 55.9 43.1 64.7

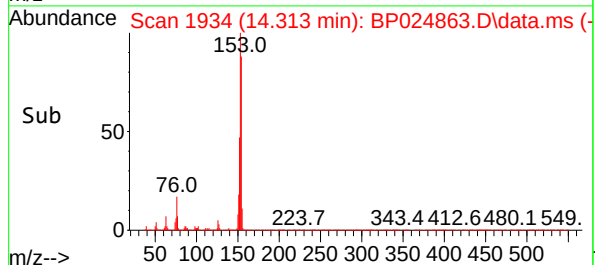
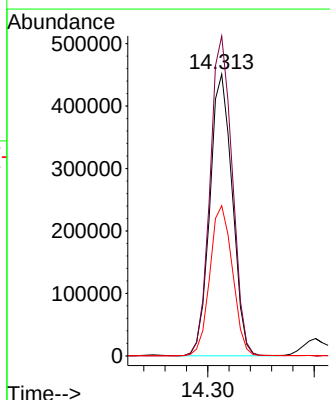
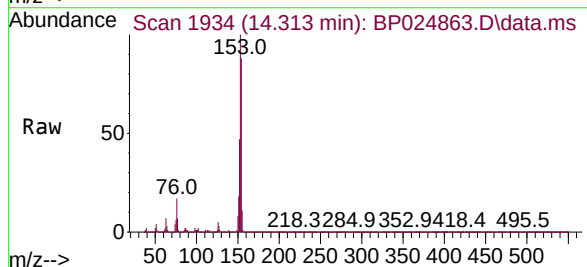
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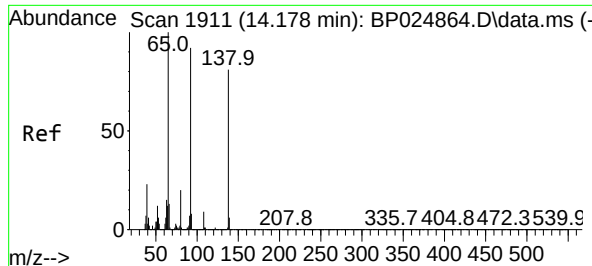
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#52
Acenaphthene
Concen: 20.416 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

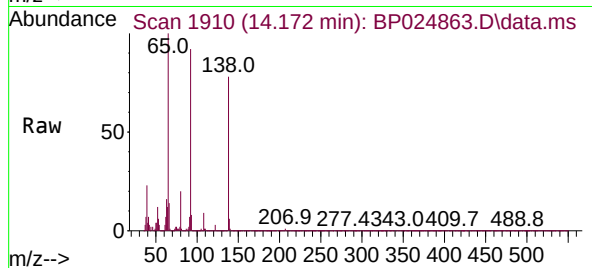
Tgt Ion:154 Resp: 658935
Ion Ratio Lower Upper
154 100
153 113.6 90.5 135.7
152 53.3 42.1 63.1





#53
3-Nitroaniline
Concen: 20.442 ng
RT: 14.172 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

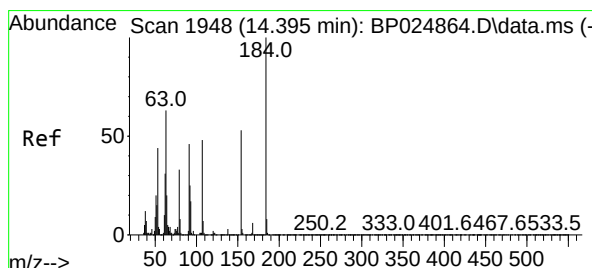
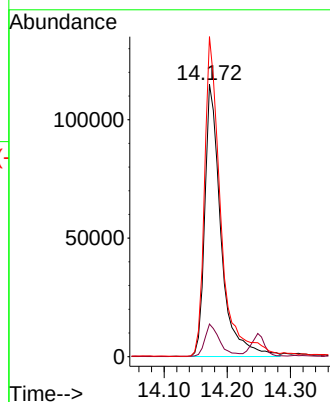
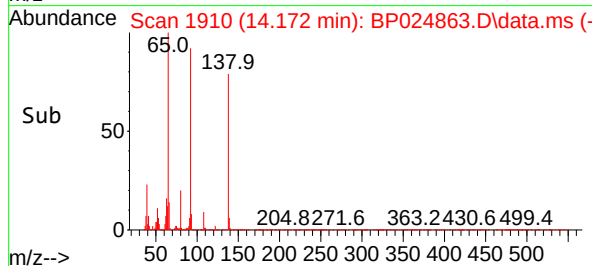
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 204033
Ion Ratio Lower Upper
138 100
108 12.0 8.6 12.8
92 117.5 91.3 136.9

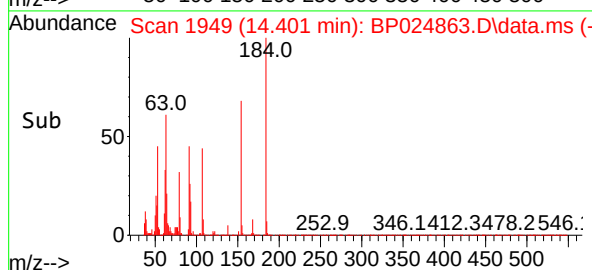
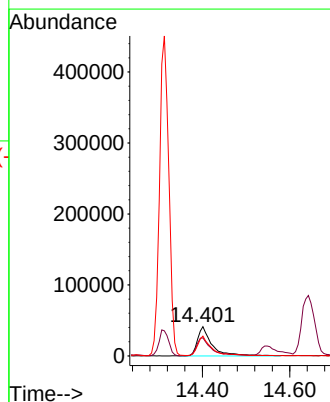
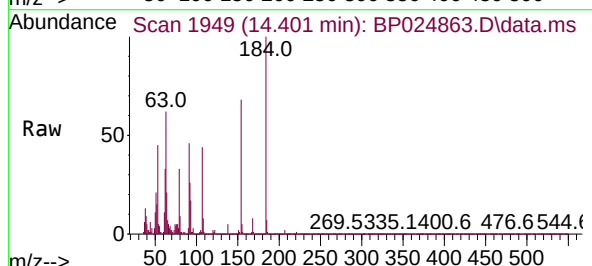
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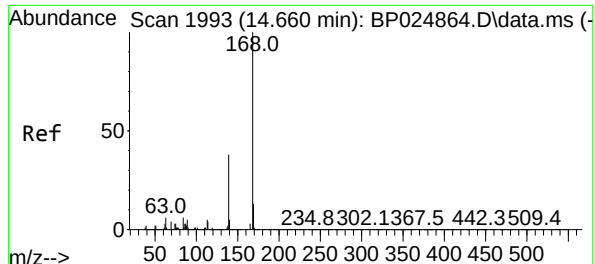
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#54
2,4-Dinitrophenol
Concen: 19.461 ng
RT: 14.401 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

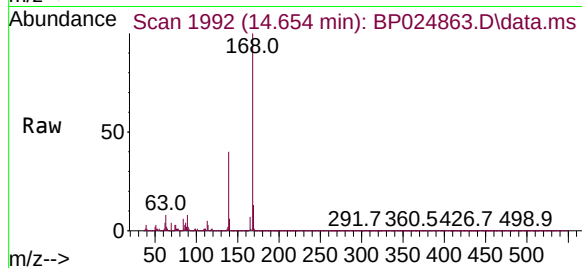
Tgt Ion:184 Resp: 93544
Ion Ratio Lower Upper
184 100
63 61.8 51.0 76.4
154 67.7 51.7 77.5





#55
Dibenzenofuran
Concen: 20.497 ng
RT: 14.654 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

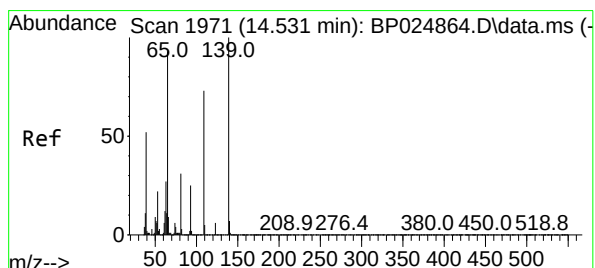
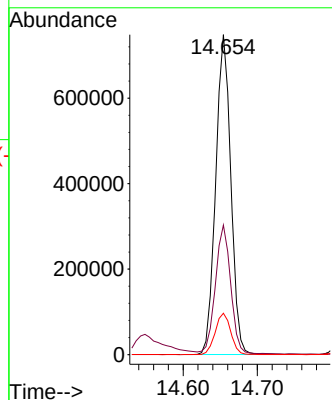
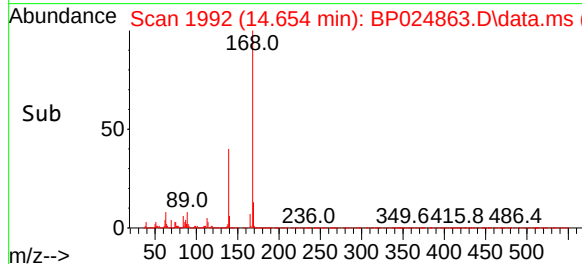
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:168 Resp: 1061912
Ion Ratio Lower Upper
168 100
139 40.5 31.6 47.4
169 12.9 10.6 15.8

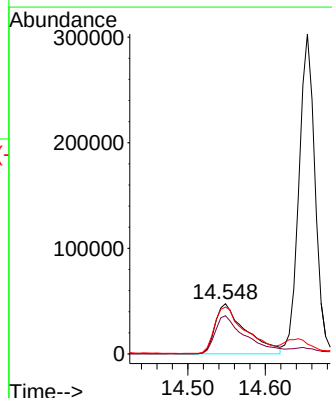
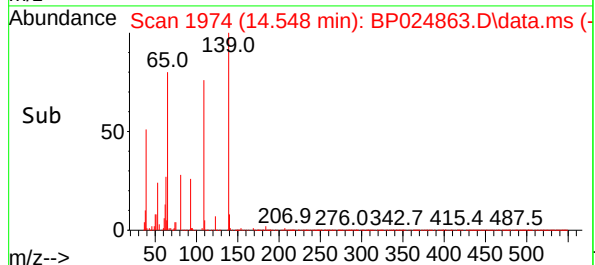
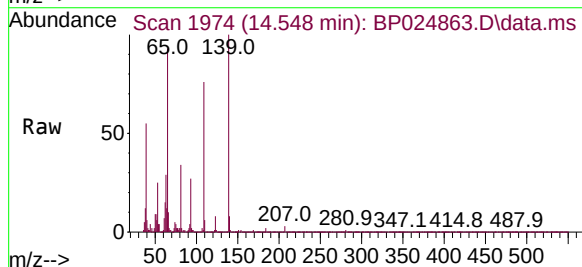
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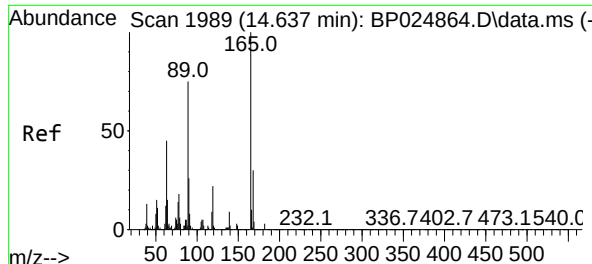
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#56
4-Nitrophenol
Concen: 19.619 ng
RT: 14.548 min Scan# 1974
Delta R.T. 0.017 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

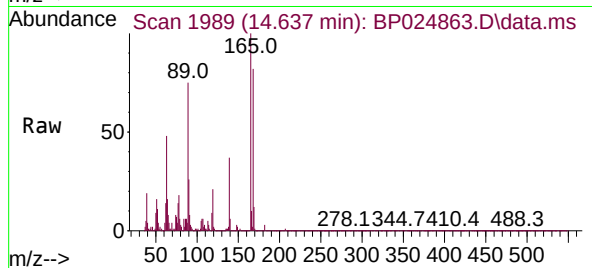
Tgt Ion:139 Resp: 128784
Ion Ratio Lower Upper
139 100
109 76.0 53.1 93.1
65 93.4 73.0 113.0





#57
2,4-Dinitrotoluene
Concen: 20.547 ng
RT: 14.637 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

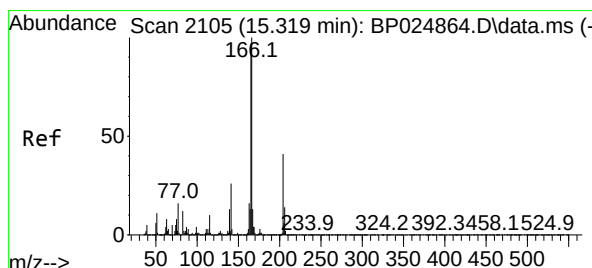
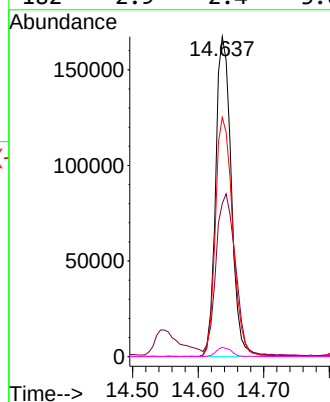
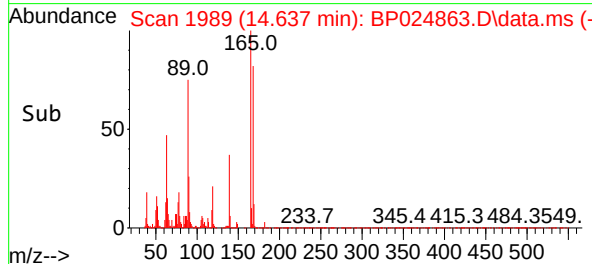
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 276443
Ion Ratio Lower Upper
165 100
63 47.9 37.0 55.6
89 74.7 60.1 90.1
182 2.9 2.4 3.6

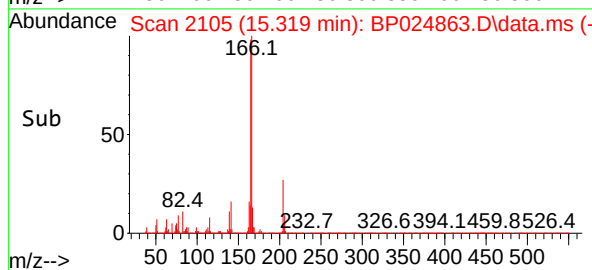
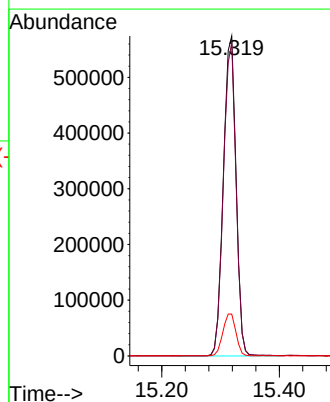
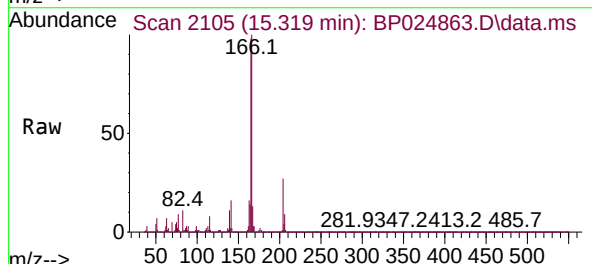
Manual Integrations
APPROVED

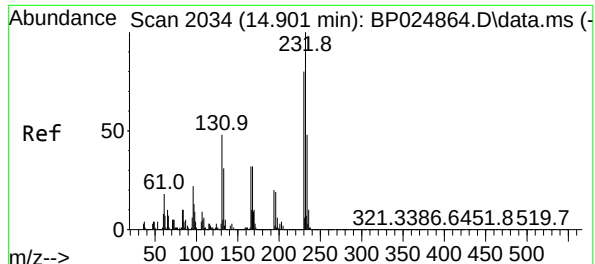
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#58
Fluorene
Concen: 20.517 ng
RT: 15.319 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:166 Resp: 858671
Ion Ratio Lower Upper
166 100
165 98.0 77.7 116.5
167 13.1 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 19.689 ng

RT: 14.901 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:232 Resp: 217510

Ion Ratio Lower Upper

232 100

131 47.8 38.2 57.2

130 2.5 2.1 3.1

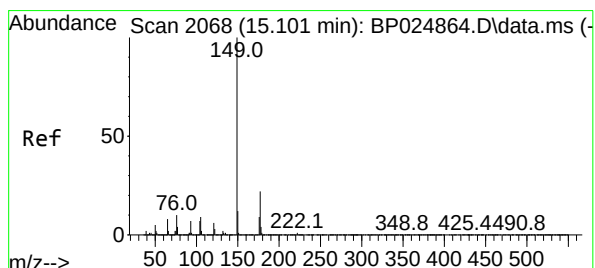
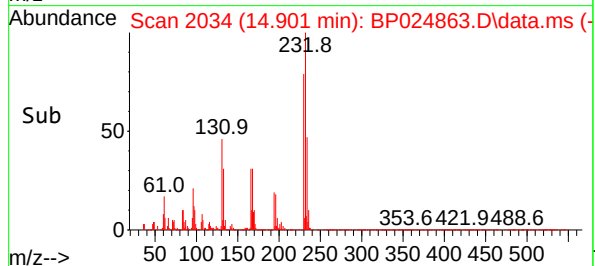
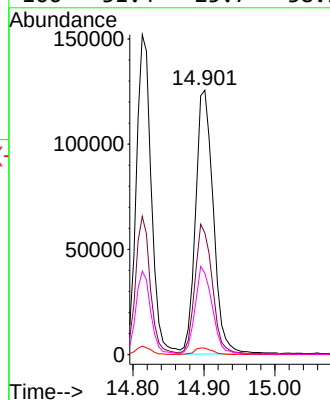
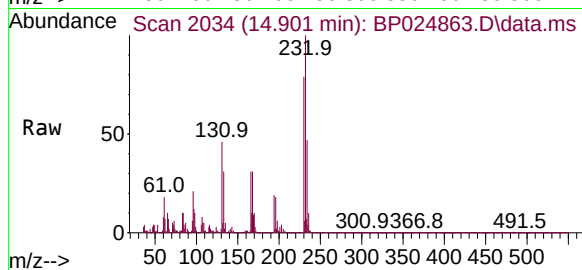
166 31.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#60

Diethylphthalate

Concen: 20.225 ng

RT: 15.090 min Scan# 2066

Delta R.T. -0.012 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

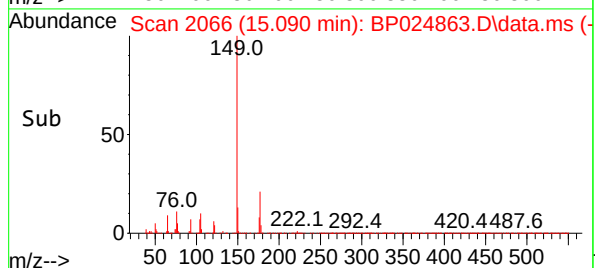
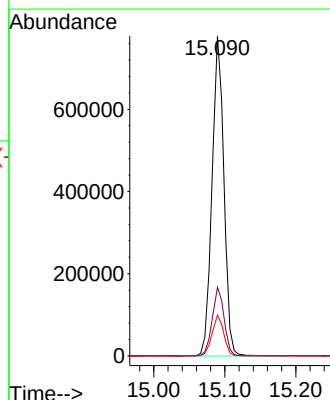
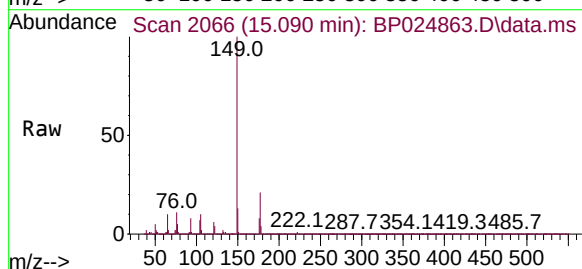
Tgt Ion:149 Resp: 899294

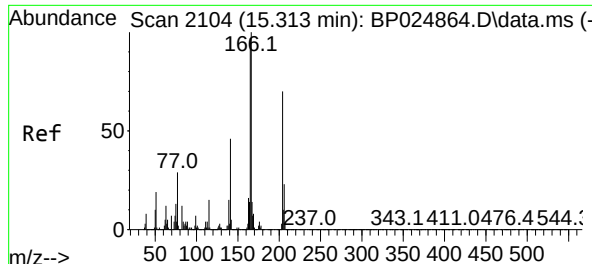
Ion Ratio Lower Upper

149 100

177 21.5 17.9 26.9

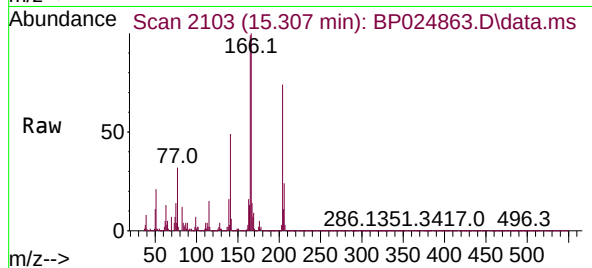
150 12.8 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 20.361 ng
RT: 15.307 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

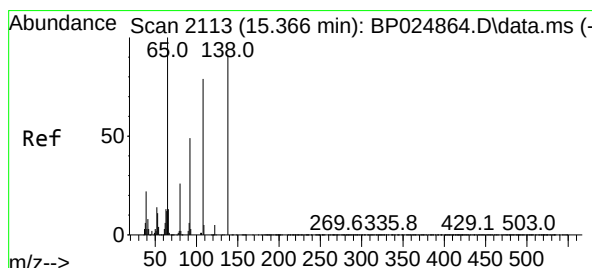
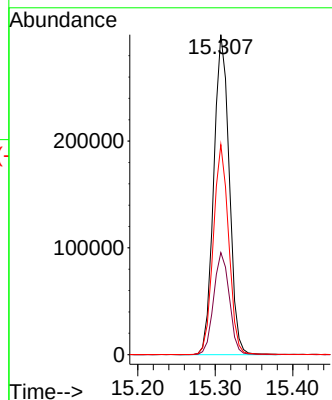
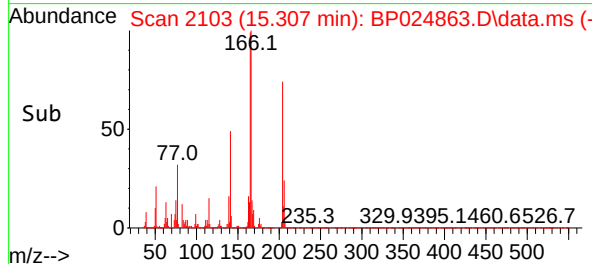
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:204 Resp: 416662
Ion Ratio Lower Upper
204 100
206 31.9 26.6 40.0
141 65.6 52.4 78.6

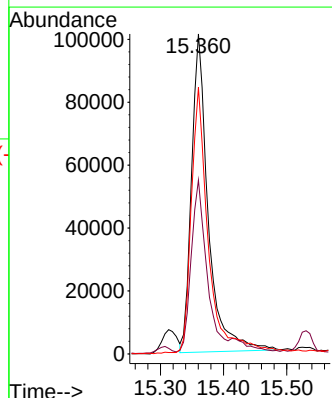
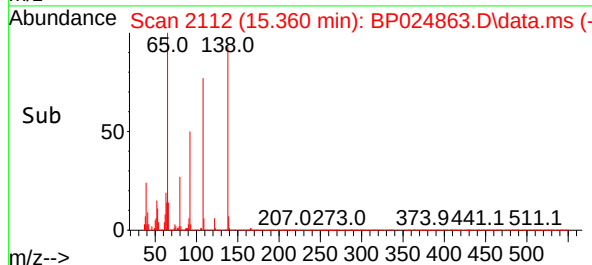
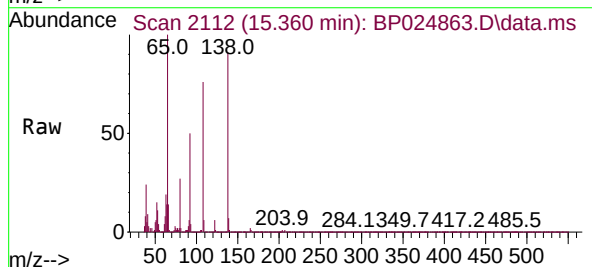
Manual Integrations
APPROVED

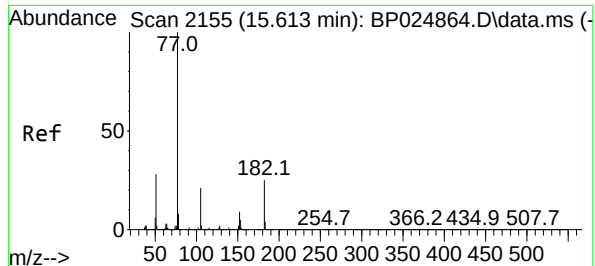
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#62
4-Nitroaniline
Concen: 20.523 ng
RT: 15.360 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

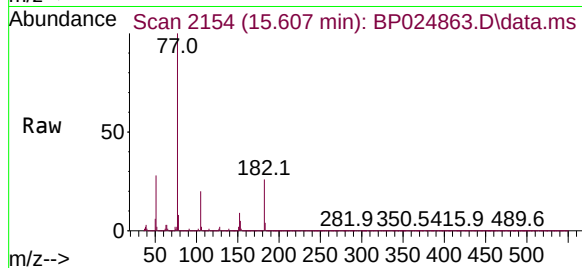
Tgt Ion:138 Resp: 185839
Ion Ratio Lower Upper
138 100
92 54.3 33.5 73.5
108 83.3 65.1 105.1





#63
Azobenzene
Concen: 20.675 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

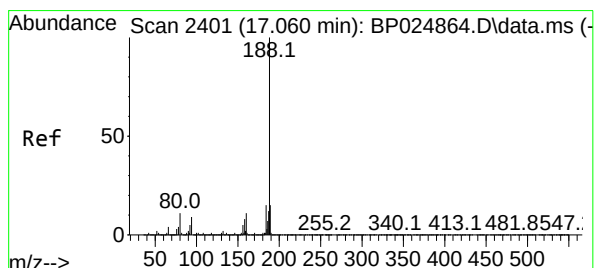
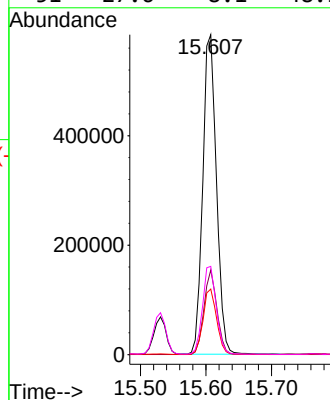
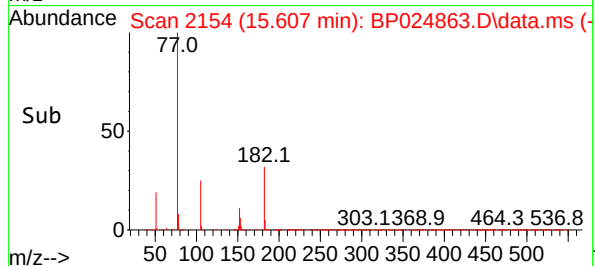
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



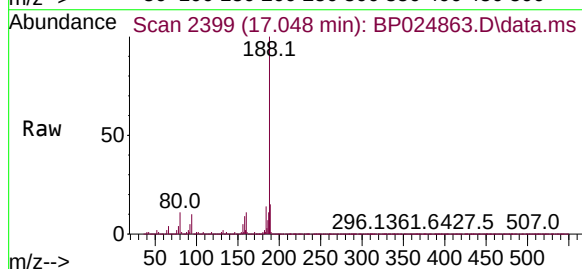
Tgt Ion: 77 Resp: 84312
Ion Ratio Lower Upper
77 100
182 26.4 5.4 45.4
105 20.5 0.8 40.8
51 27.6 8.1 48.1

Manual Integrations
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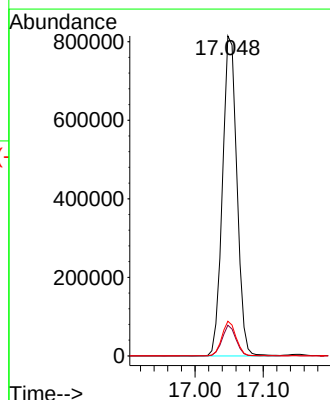
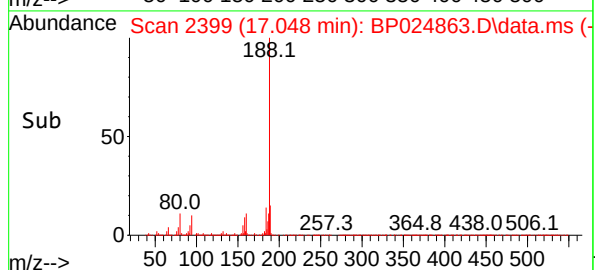
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

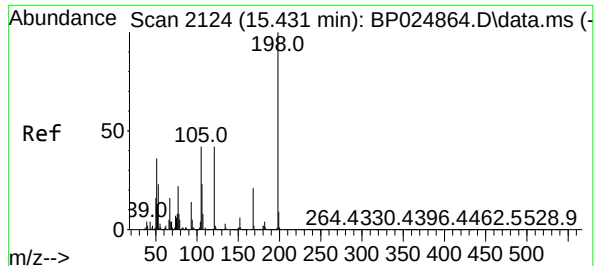


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.048 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33



Tgt Ion:188 Resp: 1187838
Ion Ratio Lower Upper
188 100
94 9.6 7.3 10.9
80 10.8 8.5 12.7





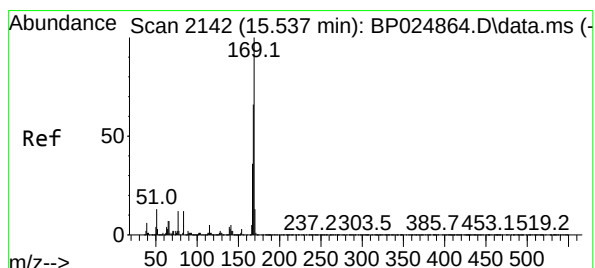
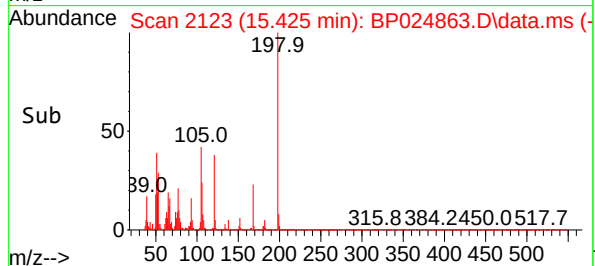
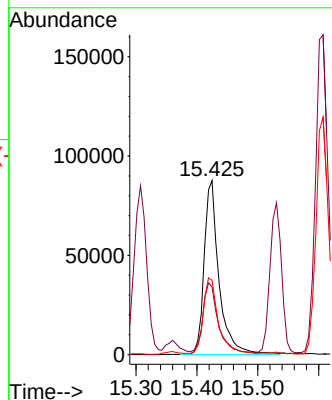
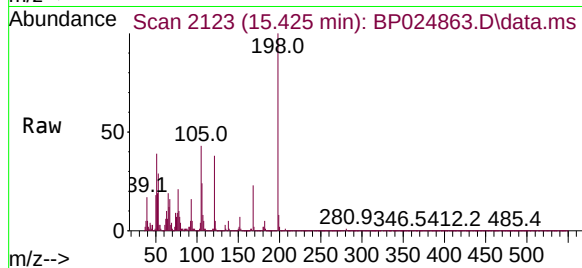
#65
4,6-Dinitro-2-methylphenol
Concen: 19.041 ng
RT: 15.425 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 148616
Ion Ratio Lower Upper
198 100
51 38.9 19.2 59.2
105 42.7 22.6 62.6

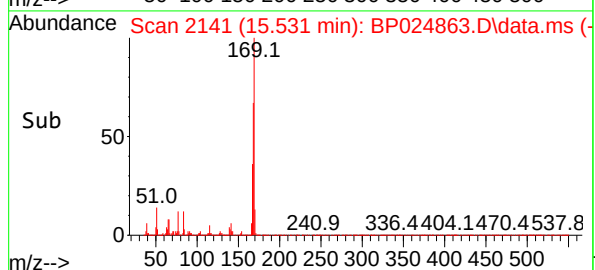
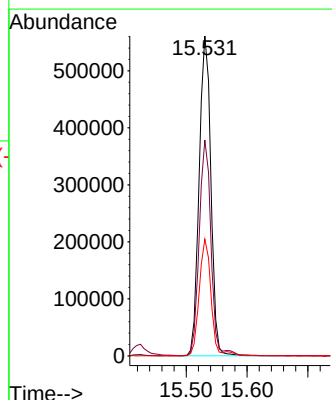
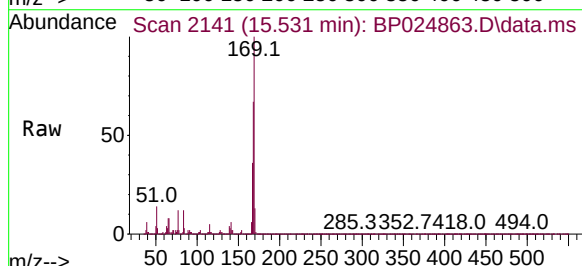
Manual Integrations
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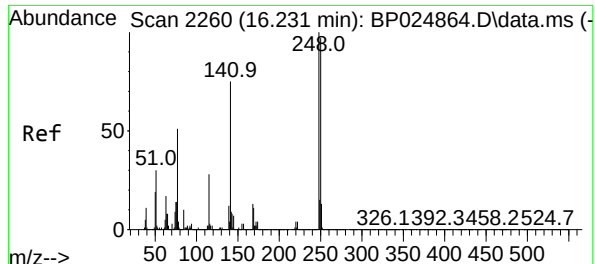
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#66
n-Nitrosodiphenylamine
Concen: 20.409 ng
RT: 15.531 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:169 Resp: 751407
Ion Ratio Lower Upper
169 100
168 67.5 53.0 79.6
167 36.5 28.6 43.0





#67

4-Bromophenyl-phenylether

Concen: 20.055 ng

RT: 16.225 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

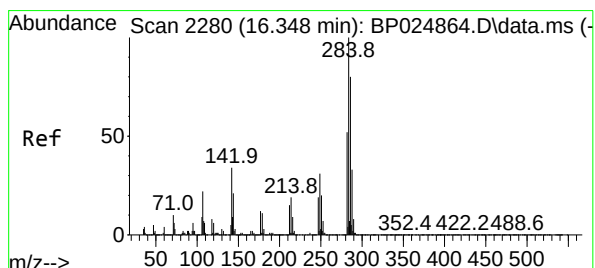
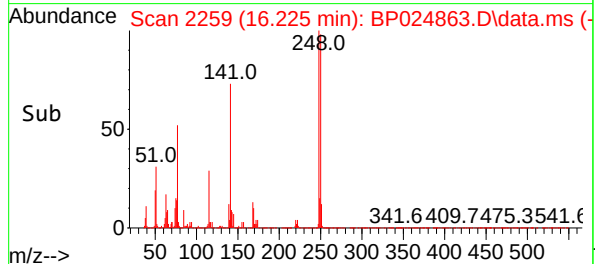
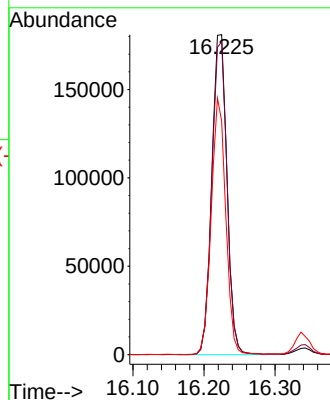
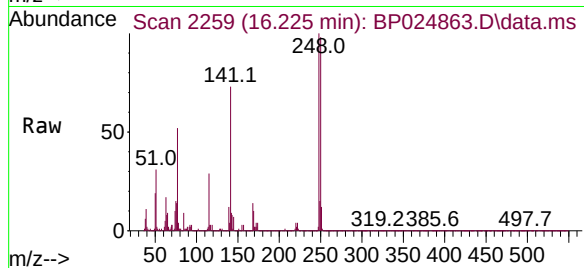
Tgt Ion:248	Resp: 26879
Ion Ratio	Lower Upper
248 100	
250 97.7	77.4 116.2
141 73.0	59.9 89.9

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#68

Hexachlorobenzene

Concen: 19.880 ng

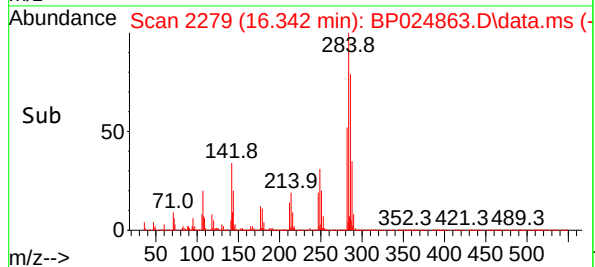
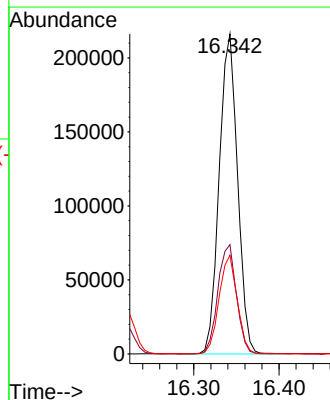
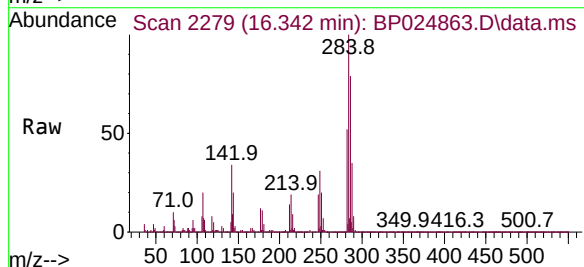
RT: 16.342 min Scan# 2279

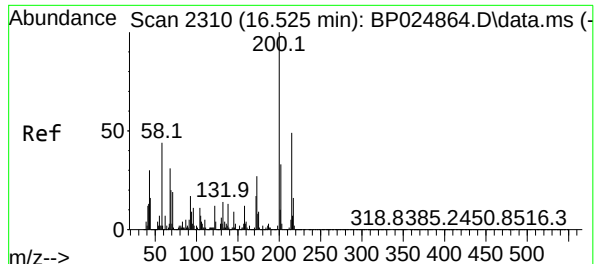
Delta R.T. -0.006 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

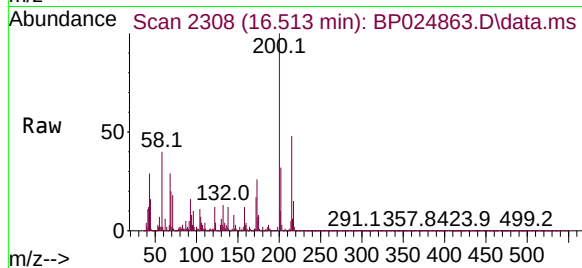
Tgt Ion:284	Resp: 323008
Ion Ratio	Lower Upper
284 100	
142 34.1	27.0 40.6
249 30.8	25.0 37.6





#69
Atrazine
Concen: 20.548 ng
RT: 16.513 min Scan# 2310
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

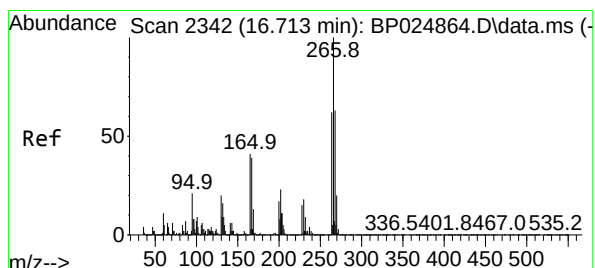
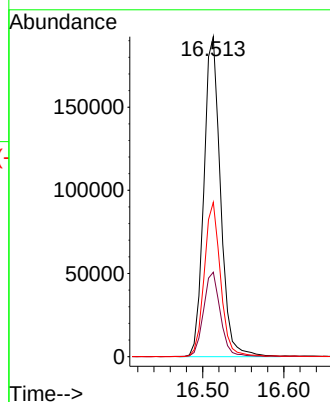
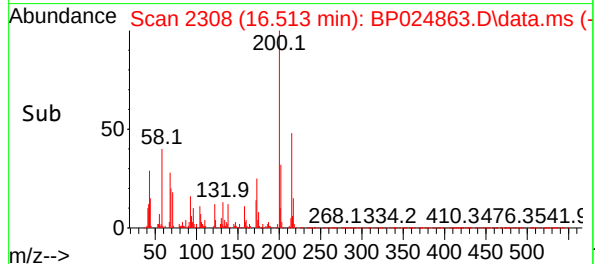
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:200 Resp: 27425
Ion Ratio Lower Upper
200 100
173 26.4 6.9 46.9
215 48.2 28.7 68.7

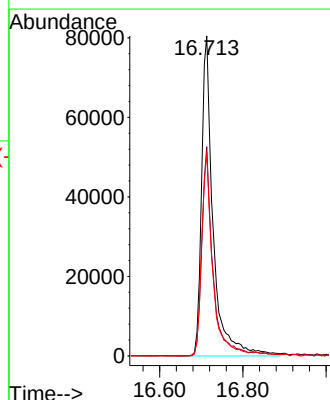
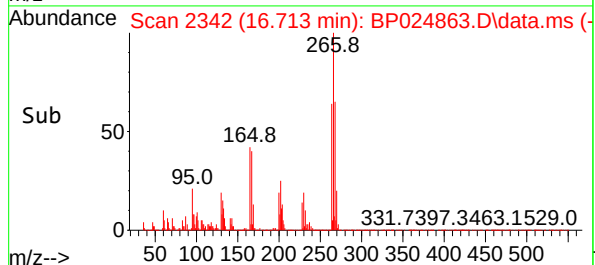
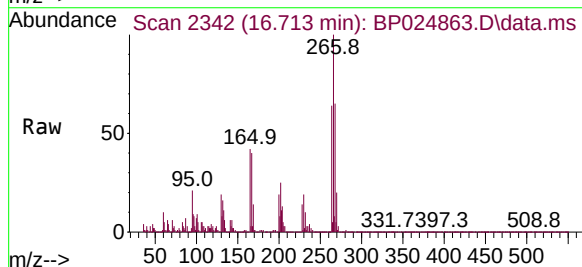
Manual Integrations
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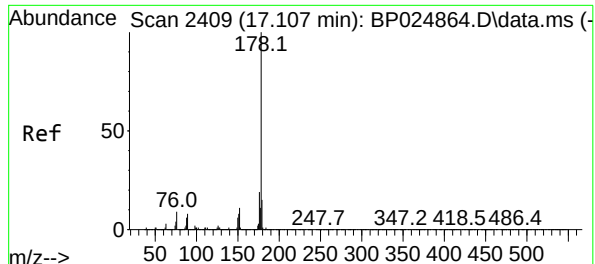
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#70
Pentachlorophenol
Concen: 18.505 ng
RT: 16.713 min Scan# 2342
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:266 Resp: 155614
Ion Ratio Lower Upper
266 100
268 65.4 50.6 76.0
264 63.6 49.7 74.5





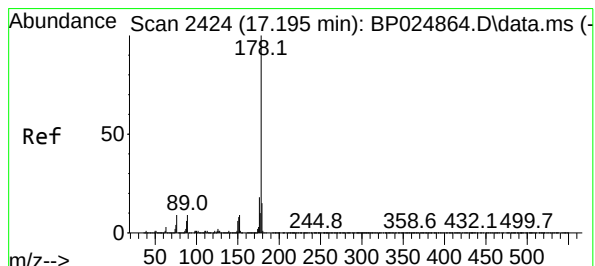
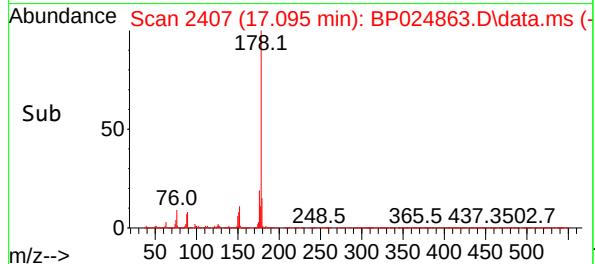
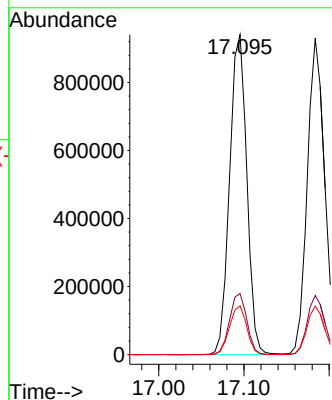
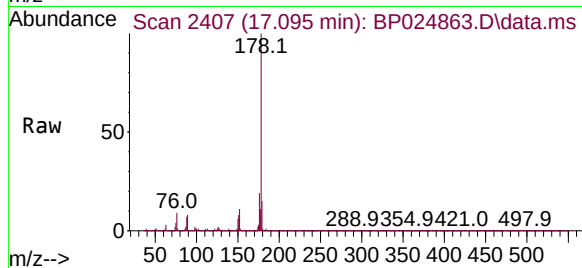
#71
Phenanthrene
Concen: 20.080 ng
RT: 17.095 min Scan# 2409
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 131807
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.2 12.1 18.1

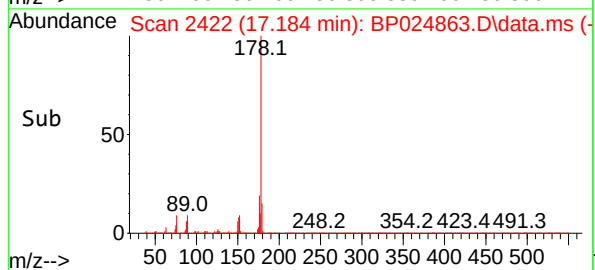
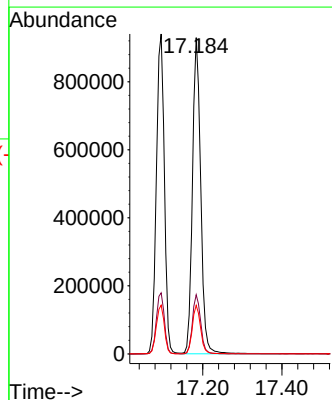
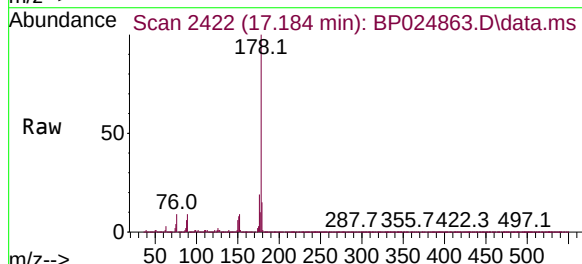
Manual Integrations
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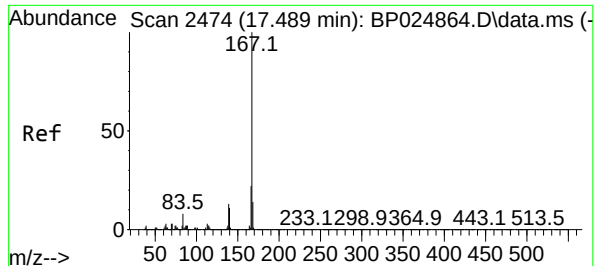
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#72
Anthracene
Concen: 20.308 ng
RT: 17.184 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

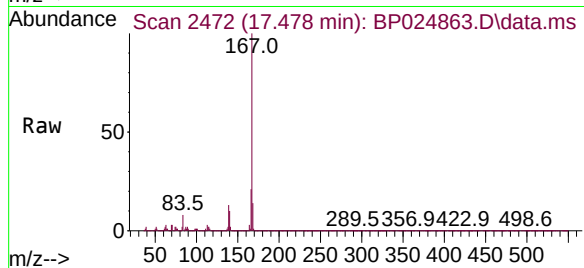
Tgt Ion:178 Resp: 1350106
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.4 12.3 18.5





#73
Carbazole
Concen: 20.385 ng
RT: 17.478 min Scan# 2474
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

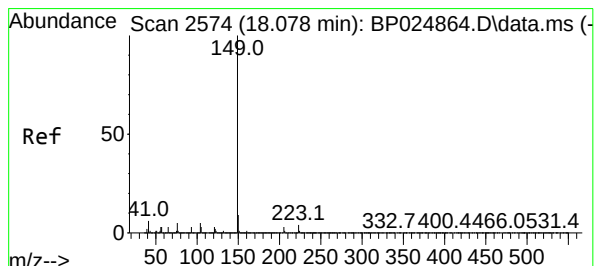
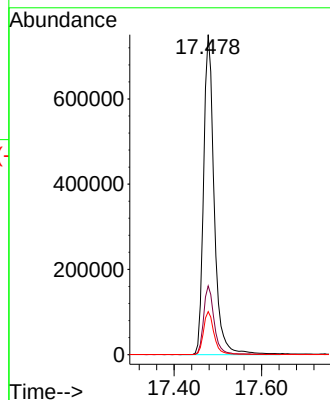
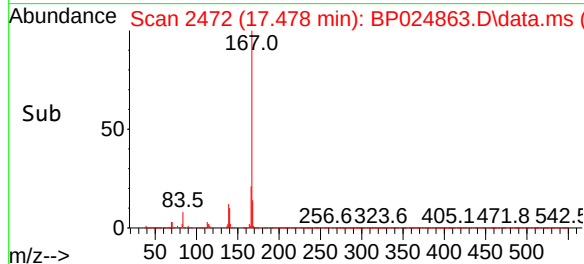
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:167 Resp: 1256103
Ion Ratio Lower Upper
167 100
166 21.5 17.3 25.9
139 13.4 10.8 16.2

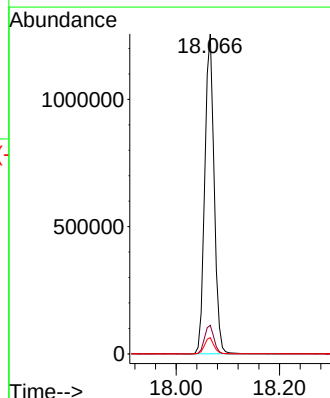
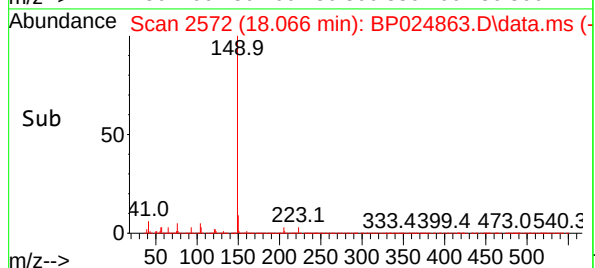
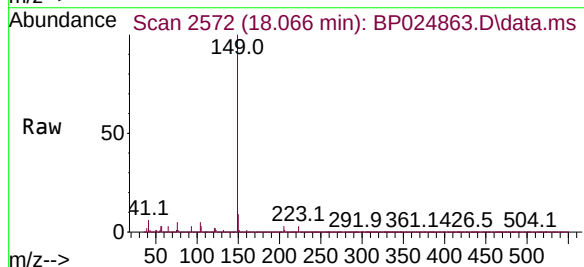
Manual Integrations
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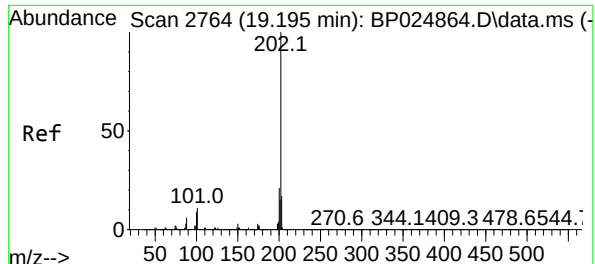
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#74
Di-n-butylphthalate
Concen: 20.637 ng
RT: 18.066 min Scan# 2572
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

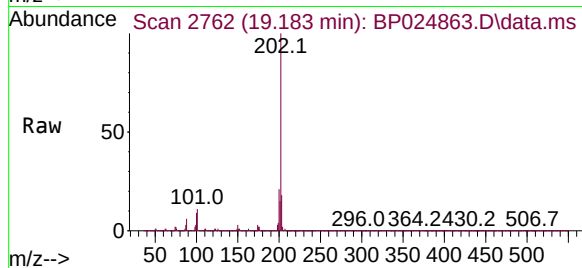
Tgt Ion:149 Resp: 1575537
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.2
104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 20.404 ng
RT: 19.183 min Scan# 2762
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

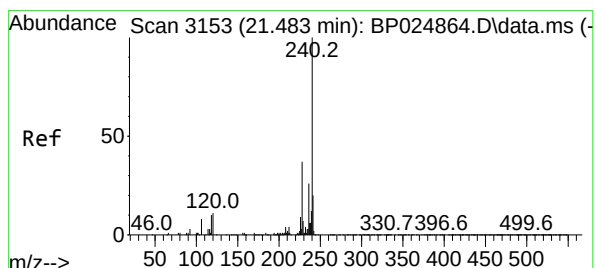
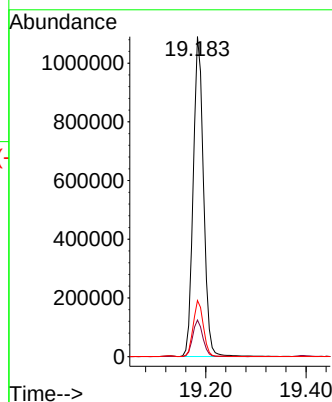
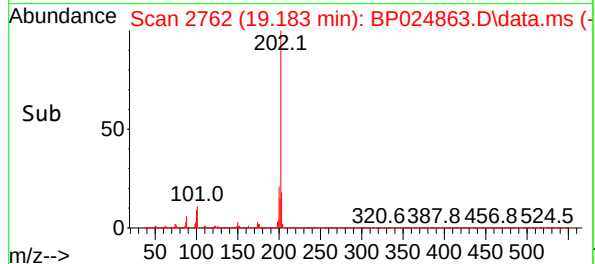
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 1552399
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 17.5 0.0 37.5

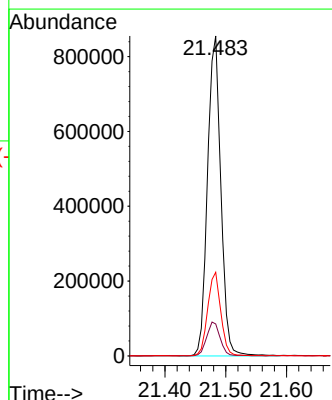
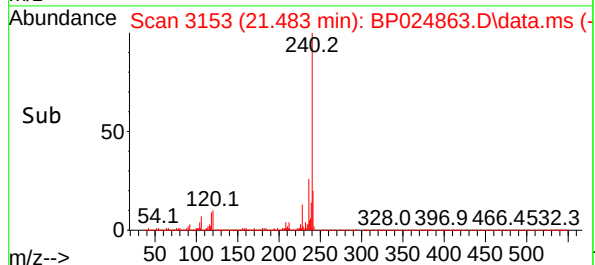
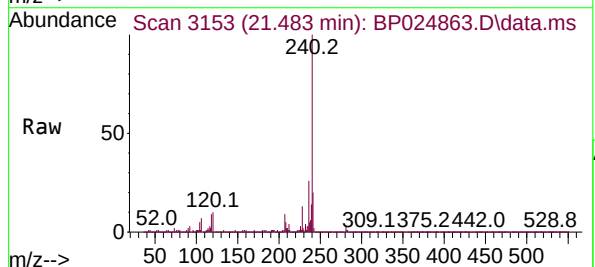
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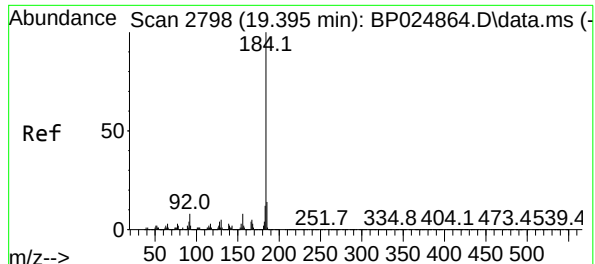
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:240 Resp: 1296607
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 26.1 20.9 31.3





#77

Benzidine

Concen: 21.600 ng

RT: 19.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:184 Resp: 867418

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.0

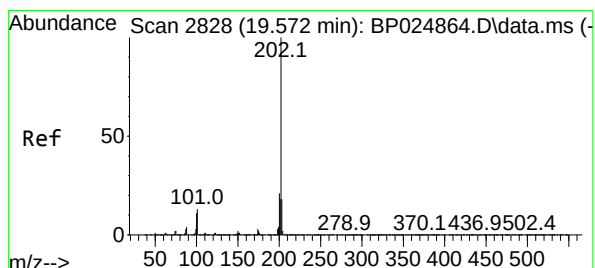
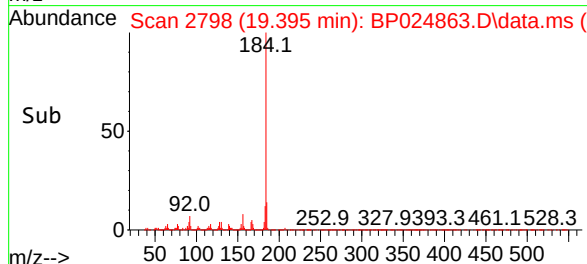
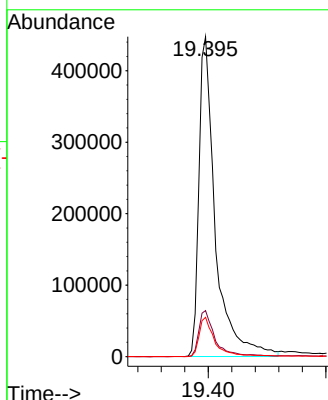
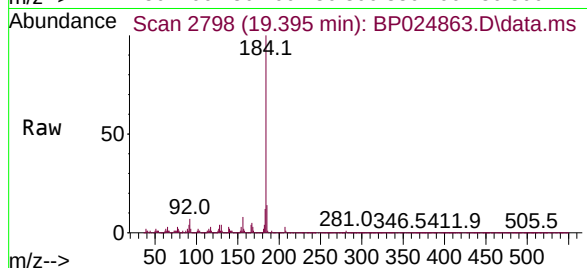
183 12.3 9.5 14.3

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#78

Pyrene

Concen: 20.183 ng

RT: 19.560 min Scan# 2826

Delta R.T. -0.012 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

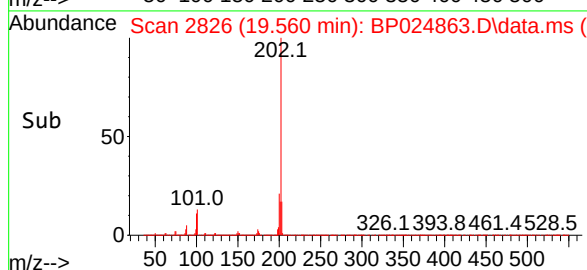
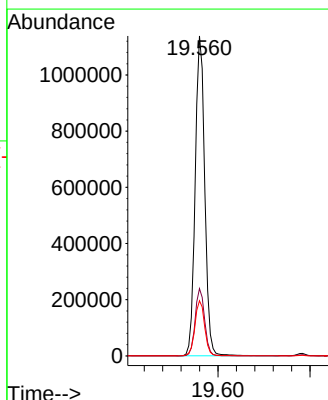
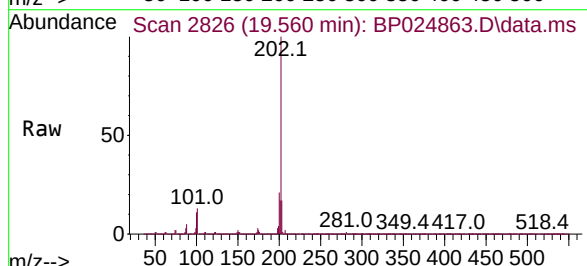
Tgt Ion:202 Resp: 1634896

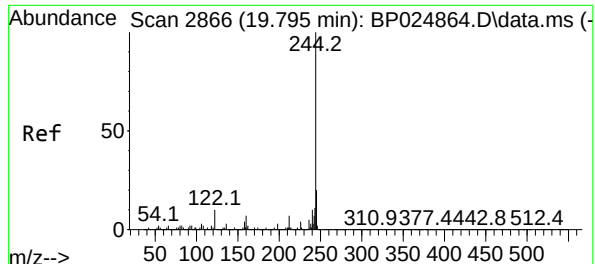
Ion Ratio Lower Upper

202 100

200 21.0 17.1 25.7

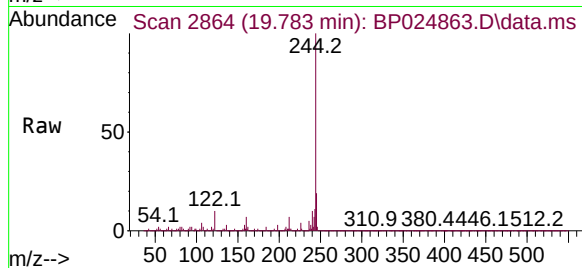
203 17.2 14.0 21.0





#79
Terphenyl-d14
Concen: 41.093 ng
RT: 19.783 min Scan# 2864
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

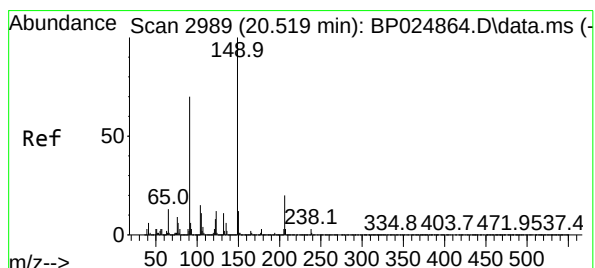
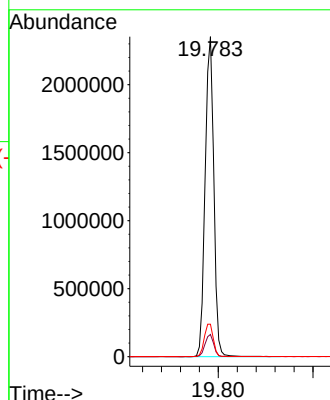
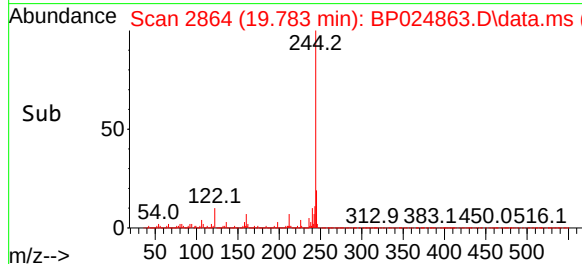
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



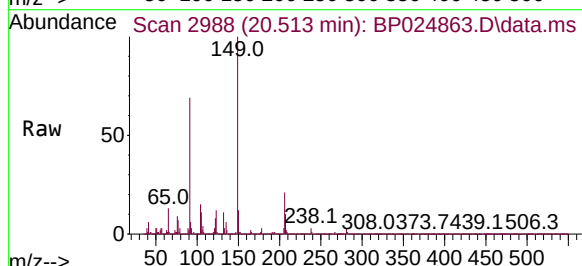
Tgt Ion:244 Resp: 2972885
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 10.1 7.7 11.5

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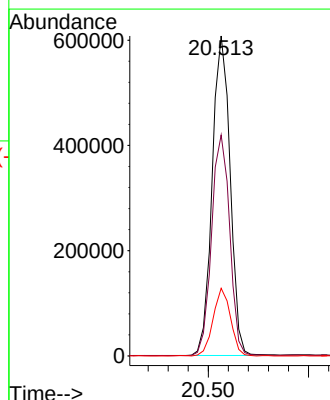
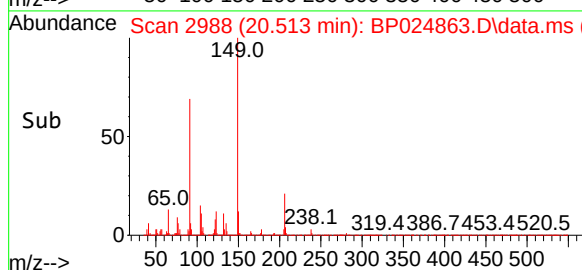
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

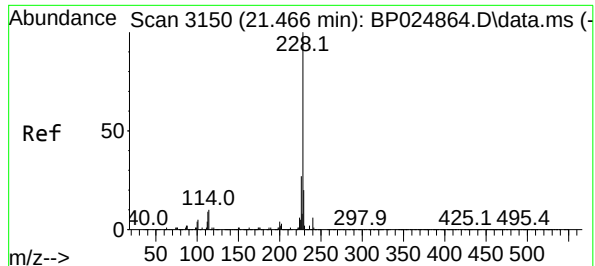


#80
Butylbenzylphthalate
Concen: 20.318 ng
RT: 20.513 min Scan# 2988
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33



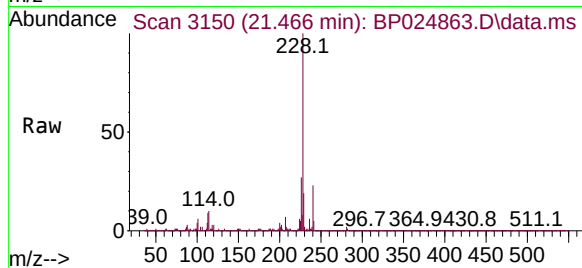
Tgt Ion:149 Resp: 753875
Ion Ratio Lower Upper
149 100
91 69.0 55.8 83.8
206 21.1 16.2 24.2





#81
Benzo(a)anthracene
Concen: 20.131 ng
RT: 21.466 min Scan# 3150
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

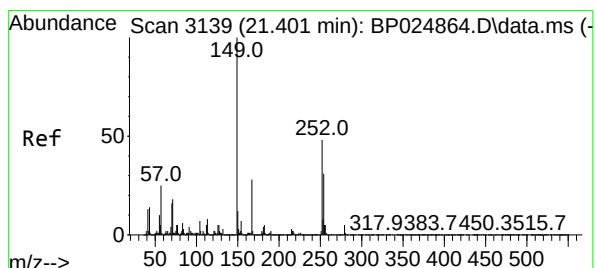
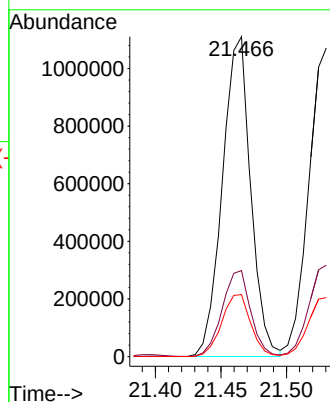
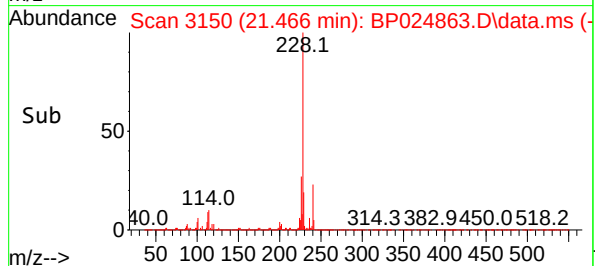
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 1669395
Ion Ratio Lower Upper
228 100
226 26.9 22.1 33.1
229 19.4 15.9 23.9

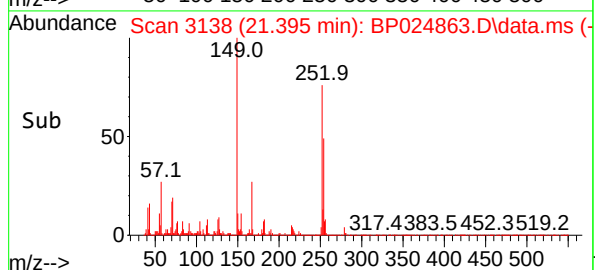
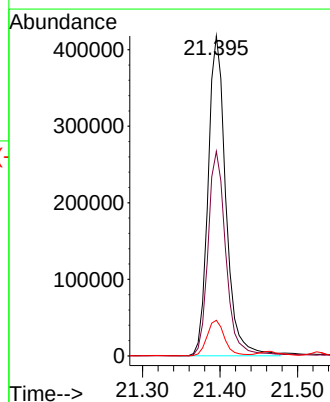
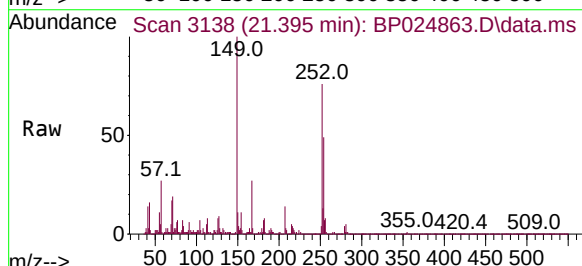
Manual Integrations
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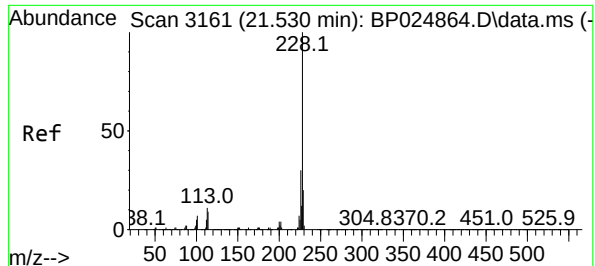
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#82
3,3'-Dichlorobenzidine
Concen: 20.185 ng
RT: 21.395 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

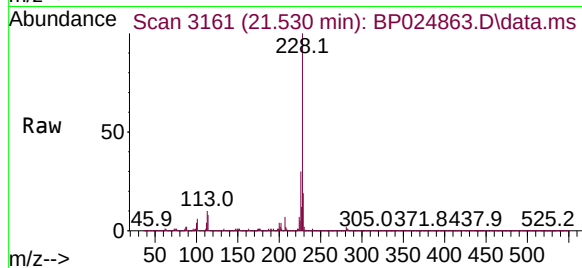
Tgt Ion:252 Resp: 664556
Ion Ratio Lower Upper
252 100
254 63.9 51.2 76.8
126 11.1 8.6 12.8





#83
Chrysene
Concen: 20.278 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.000 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

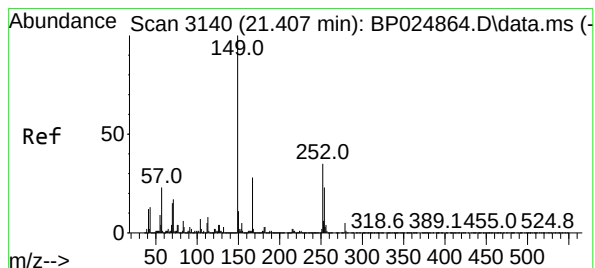
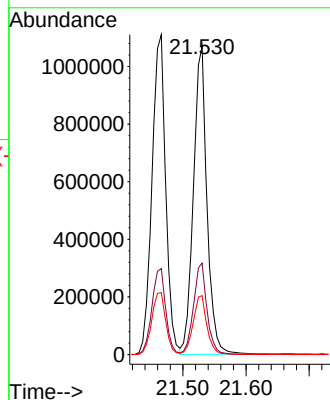
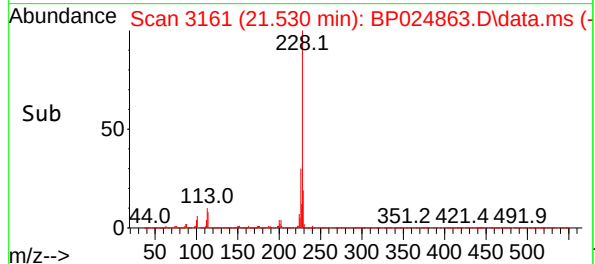
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 1593419
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.6
229 19.1 15.6 23.4

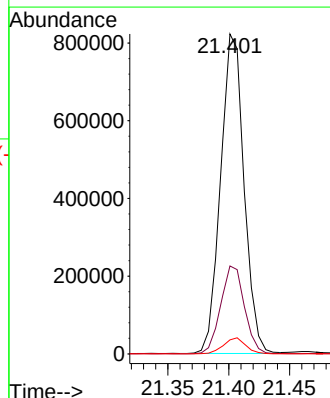
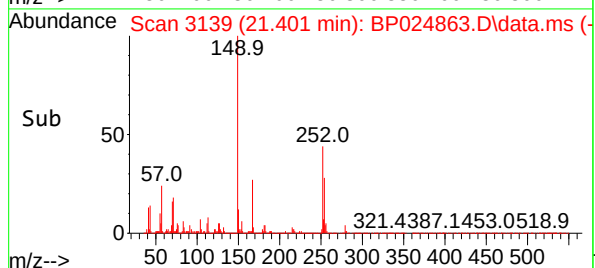
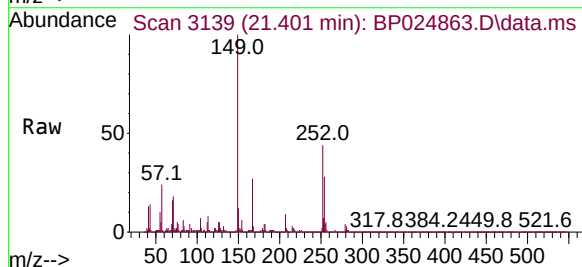
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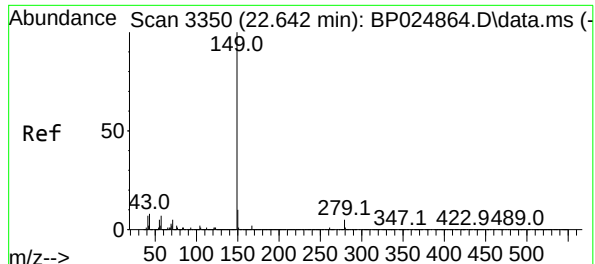
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 20.638 ng
RT: 21.401 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

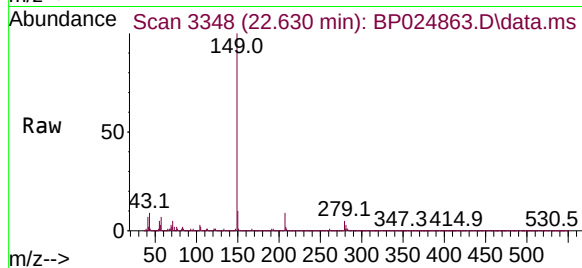
Tgt Ion:149 Resp: 1097129
Ion Ratio Lower Upper
149 100
167 27.5 22.2 33.4
279 4.4 4.0 6.0





#85
Di-n-octyl phthalate
Concen: 19.903 ng
RT: 22.630 min Scan# 3350
Delta R.T. -0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

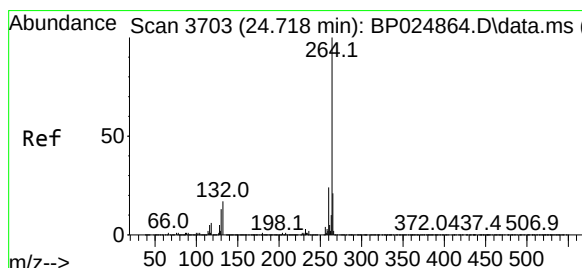
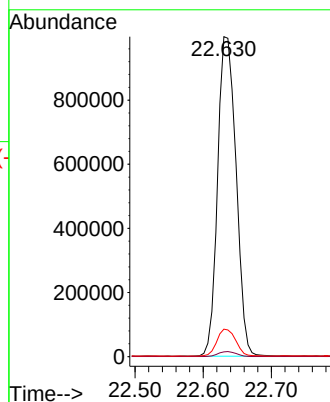
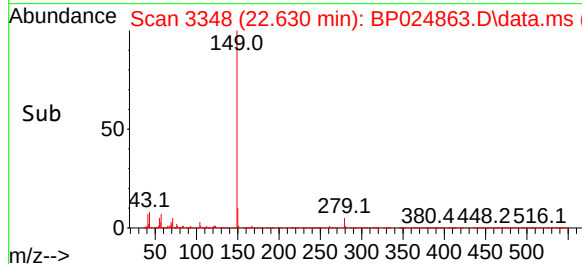
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 1865014
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.5 6.6 10.0

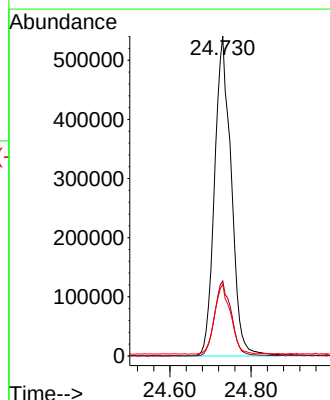
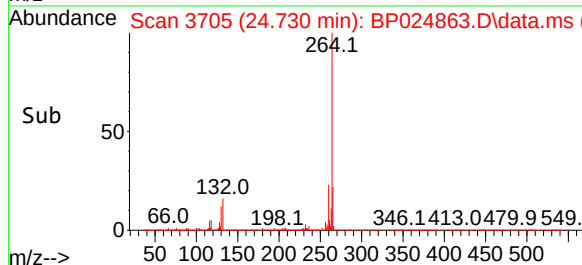
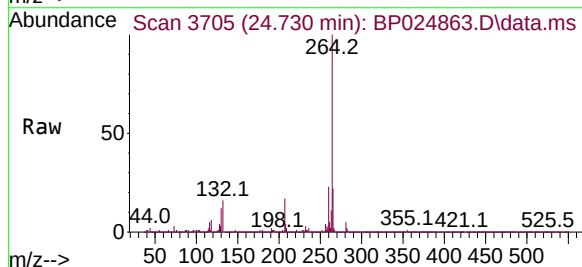
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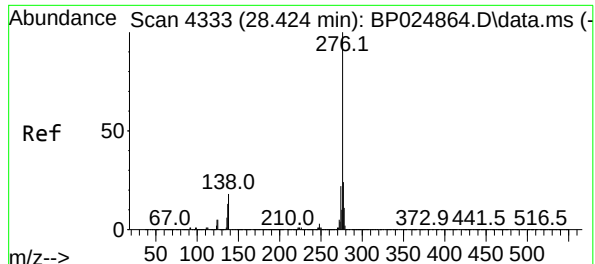
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.730 min Scan# 3705
Delta R.T. 0.012 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

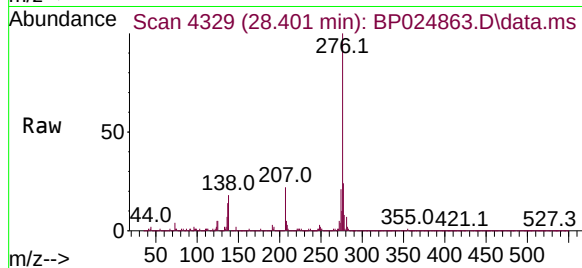
Tgt Ion:264 Resp: 1539603
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 22.4 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 20.129 ng
RT: 28.401 min Scan# 4333
Delta R.T. -0.024 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

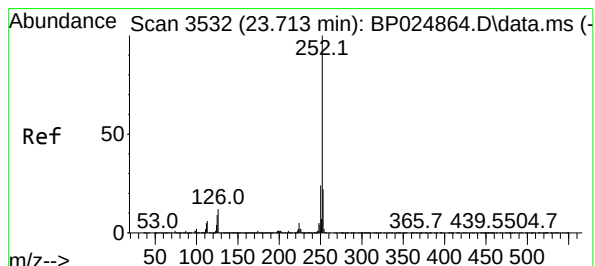
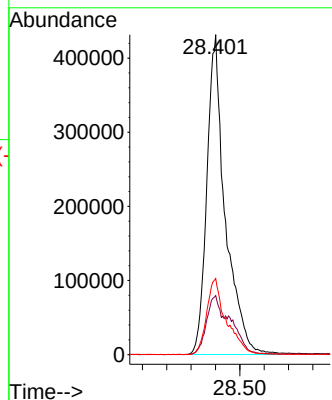
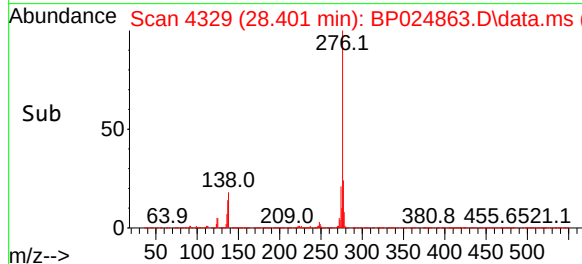
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 276 Resp: 2261110
Ion Ratio Lower Upper
276 100
138 15.0 18.6 27.8
277 25.3 20.2 30.4

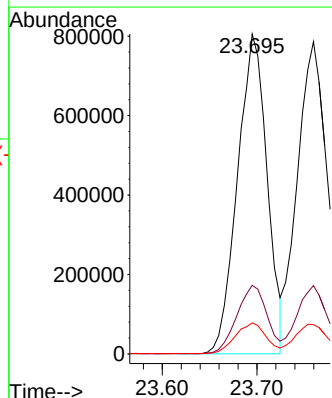
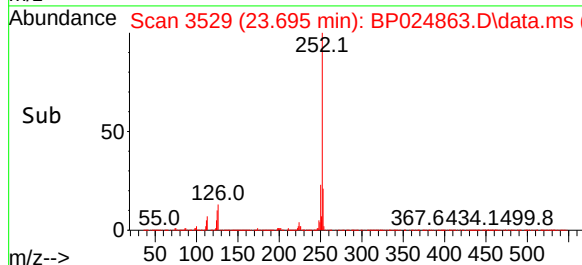
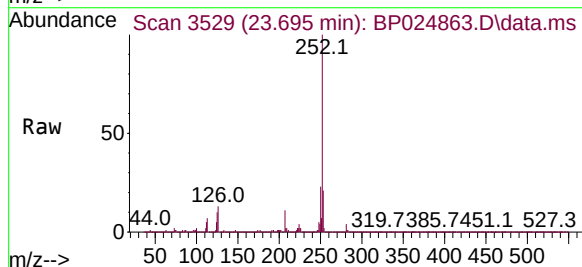
Manual Integrations
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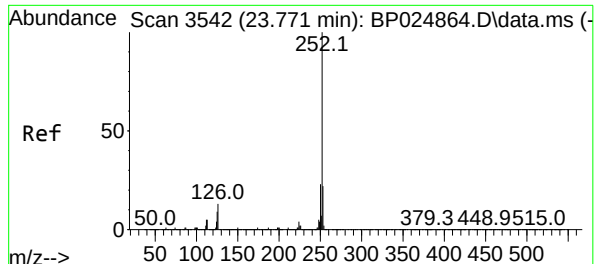
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#88
Benzo(b)fluoranthene
Concen: 19.792 ng
RT: 23.695 min Scan# 3529
Delta R.T. -0.018 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion: 252 Resp: 1743865
Ion Ratio Lower Upper
252 100
253 21.4 17.6 26.4
125 9.7 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 20.264 ng

RT: 23.760 min Scan# 3542

Delta R.T. -0.012 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 1817500

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

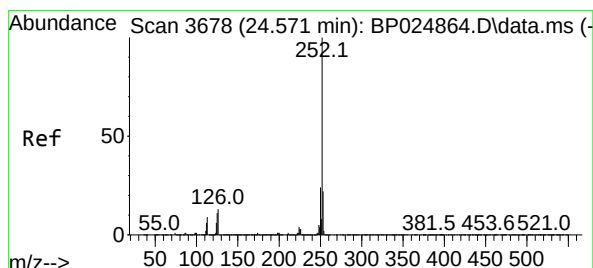
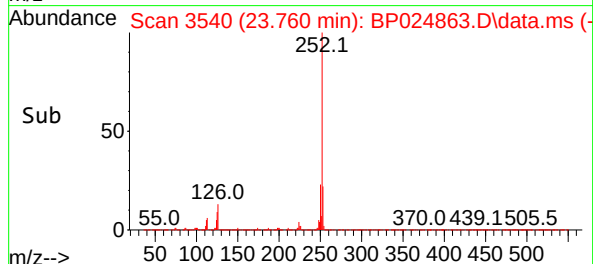
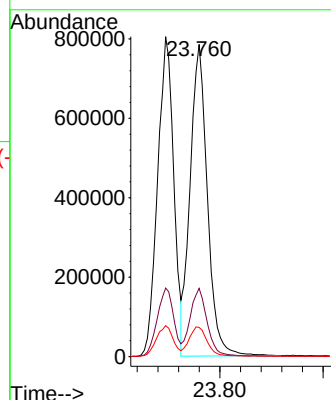
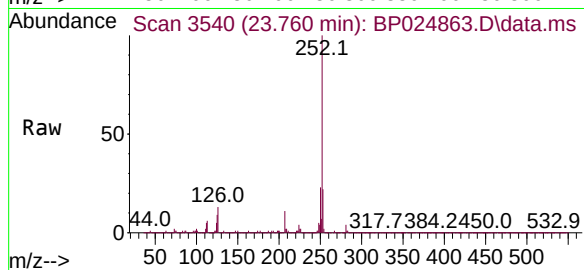
125 9.4 7.4 11.0

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#90

Benzo(a)pyrene

Concen: 20.166 ng

RT: 24.566 min Scan# 3677

Delta R.T. -0.006 min

Lab File: BP024863.D

Acq: 06 Jun 2025 12:33

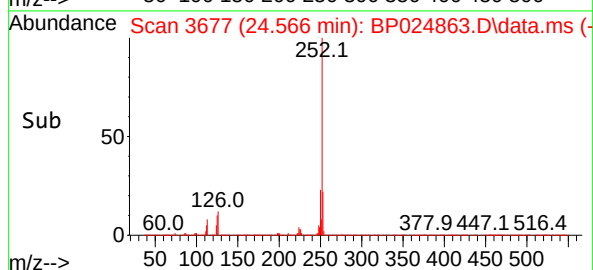
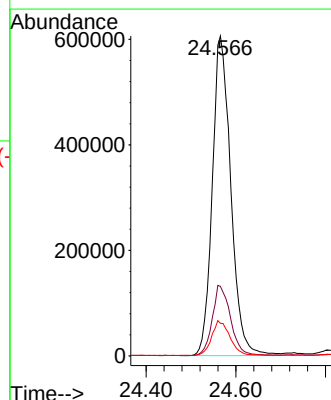
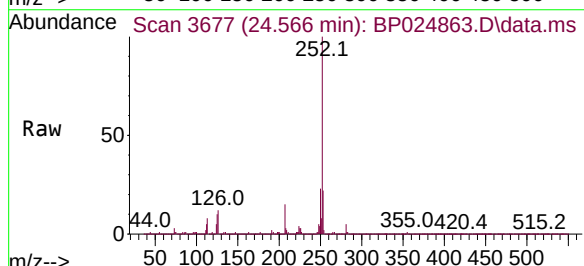
Tgt Ion:252 Resp: 1735236

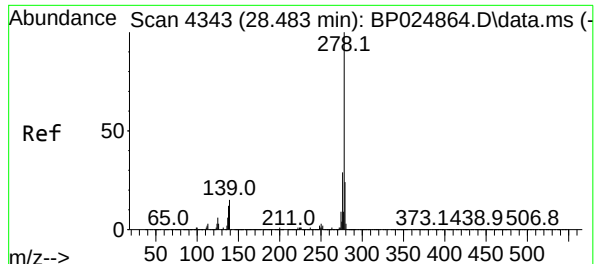
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

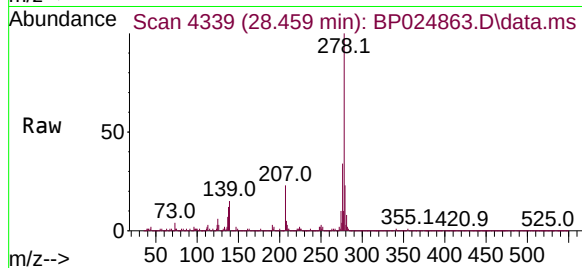
125 10.2 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 20.237 ng
RT: 28.459 min Scan# 4343
Delta R.T. -0.024 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

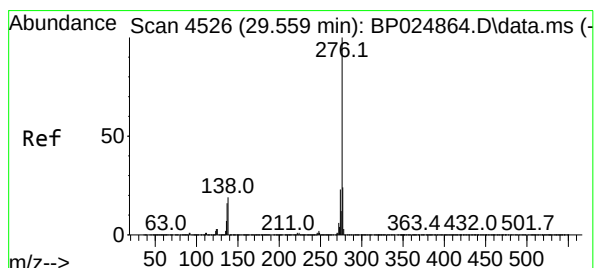
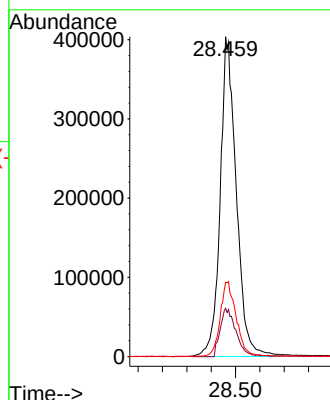
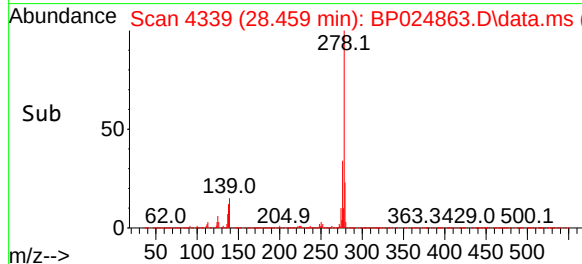
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:278 Resp: 1850432
Ion Ratio Lower Upper
278 100
139 15.1 12.0 18.0
279 23.2 19.1 28.7

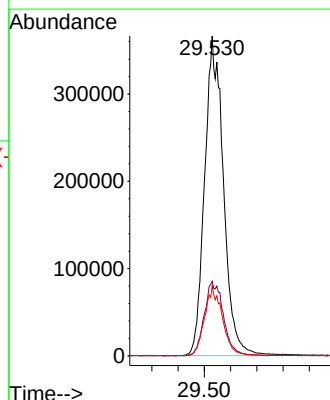
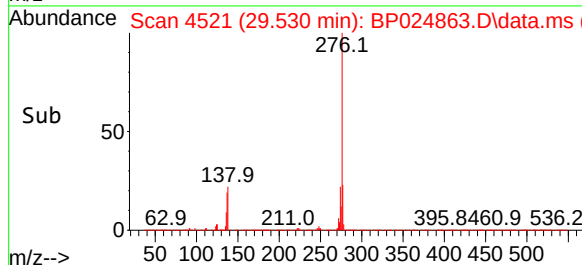
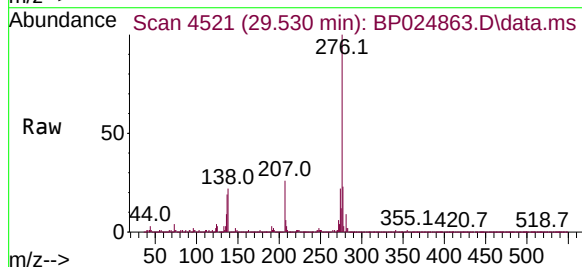
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#92
Benzo(g,h,i)perylene
Concen: 20.071 ng
RT: 29.530 min Scan# 4521
Delta R.T. -0.029 min
Lab File: BP024863.D
Acq: 06 Jun 2025 12:33

Tgt Ion:276 Resp: 1820845
Ion Ratio Lower Upper
276 100
277 23.3 19.1 28.7
138 21.9 15.4 23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024864.D
 Acq On : 06 Jun 2025 13:14
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Quant Time: Jun 06 16:02:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 15:53:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	251451	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1050030	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	679122	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1306481	20.000	ng	0.00
76) Chrysene-d12	21.483	240	1397384	20.000	ng	0.00
86) Perylene-d12	24.718	264	1643252	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1170028	77.670	ng	0.00
7) Phenol-d6	6.814	99	1553699	77.952	ng	0.00
23) Nitrobenzene-d5	8.760	82	1695972	78.486	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	726339	77.359	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	3776115	74.904	ng	0.00
79) Terphenyl-d14	19.795	244	6089552	78.103	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.167	88	249102	37.581	ng	100
3) Pyridine	3.567	79	616351	38.665	ng	100
4) n-Nitrosodimethylamine	3.478	42	252432	38.735	ng	100
6) Aniline	6.955	93	994688	39.106	ng	100
8) 2-Chlorophenol	7.190	128	660632	38.685	ng	100
9) Benzaldehyde	6.772	77	439137	38.116	ng	100
10) Phenol	6.843	94	798315	38.853	ng	100
11) bis(2-Chloroethyl)ether	7.049	93	620674	38.406	ng	100
12) 1,3-Dichlorobenzene	7.502	146	716511	37.610	ng	100
13) 1,4-Dichlorobenzene	7.643	146	723440	37.635	ng	100
14) 1,2-Dichlorobenzene	7.961	146	704548	37.326	ng	100
15) Benzyl Alcohol	7.861	79	588293	38.458	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.131	45	795933	37.629	ng	100
17) 2-Methylphenol	8.072	107	556193	38.764	ng	100
18) Hexachloroethane	8.672	117	274123	37.878	ng	100
19) n-Nitroso-di-n-propyla...	8.413	70	524279	38.693	ng	100
20) 3+4-Methylphenols	8.402	107	751025	38.365	ng	100
22) Acetophenone	8.431	105	1030093	38.828	ng	100
24) Nitrobenzene	8.802	77	755619	39.362	ng	100
25) Isophorone	9.325	82	1457812	38.927	ng	100
26) 2-Nitrophenol	9.507	139	378834	39.996	ng	100
27) 2,4-Dimethylphenol	9.584	122	635763	39.219	ng	100
28) bis(2-Chloroethoxy)met...	9.802	93	868569	38.880	ng	100
29) 2,4-Dichlorophenol	10.055	162	613013	39.412	ng	100
30) 1,2,4-Trichlorobenzene	10.243	180	665418	37.930	ng	100
31) Naphthalene	10.431	128	2077988	38.617	ng	100
32) Benzoic acid	9.760	122	428303	39.629	ng	100
33) 4-Chloroaniline	10.555	127	893683	39.641	ng	100
34) Hexachlorobutadiene	10.707	225	407084	38.500	ng	100
35) Caprolactam	11.349	113	230696	40.293	ng	100
36) 4-Chloro-3-methylphenol	11.701	107	715549	39.885	ng	100
37) 2-Methylnaphthalene	12.049	142	1330251	38.973	ng	100
38) 1-Methylnaphthalene	12.266	142	1408803	38.606	ng	100
40) 1,2,4,5-Tetrachloroben...	12.419	216	731245	37.947	ng	100
41) Hexachlorocyclopentadiene	12.396	237	457226	38.901	ng	100
43) 2,4,6-Trichlorophenol	12.678	196	509510	39.371	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024864.D
 Acq On : 06 Jun 2025 13:14
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Quant Time: Jun 06 16:02:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 15:53:04 2025
 Response via : Initial Calibration

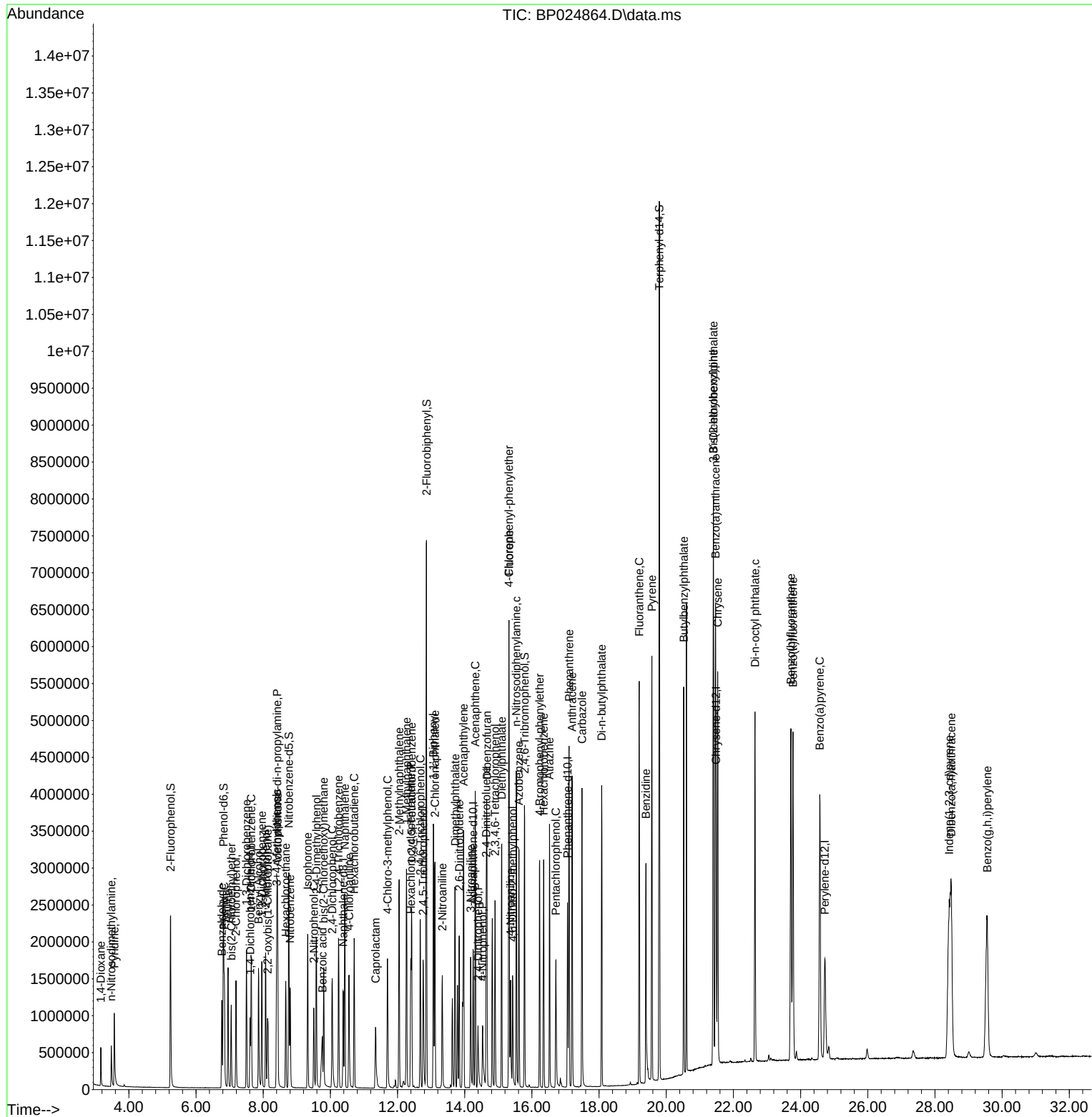
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44) 2,4,5-Trichlorophenol	12.760	196	550432	39.715	ng	100
46) 1,1'-Biphenyl	13.066	154	1882196	38.137	ng	100
47) 2-Chloronaphthalene	13.113	162	1451679	38.270	ng	100
48) 2-Nitroaniline	13.331	65	470289	40.328	ng	100
49) Acenaphthylene	13.966	152	2400804	37.959	ng	100
50) Dimethylphthalate	13.713	163	1902136	37.969	ng	100
51) 2,6-Dinitrotoluene	13.837	165	424228	39.280	ng	100
52) Acenaphthene	14.313	154	1386007	38.243	ng	100
53) 3-Nitroaniline	14.178	138	459200	40.971	ng	100
54) 2,4-Dinitrophenol	14.395	184	242575	37.658	ng	100
55) Dibenzofuran	14.660	168	2209494	37.980	ng	100
56) 4-Nitrophenol	14.531	139	336462	38.472	ng	100
57) 2,4-Dinitrotoluene	14.637	165	593534	39.287	ng	100
58) Fluorene	15.319	166	1771367	37.692	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.901	232	480983	38.773	ng	100
60) Diethylphthalate	15.101	149	1891525	37.885	ng	100
61) 4-Chlorophenyl-phenyle...	15.313	204	864669	37.629	ng	100
62) 4-Nitroaniline	15.366	138	422311	41.533	ng	100
63) Azobenzene	15.613	77	1765553	38.557	ng	100
65) 4,6-Dinitro-2-methylph...	15.431	198	339975	39.602	ng	100
66) n-Nitrosodiphenylamine	15.537	169	1559739	38.517	ng	100
67) 4-Bromophenyl-phenylether	16.231	248	556600	37.758	ng	100
68) Hexachlorobenzene	16.348	284	680613	38.085	ng	100
69) Atrazine	16.525	200	567988	38.691	ng	100
70) Pentachlorophenol	16.713	266	362165	39.157	ng	100
71) Phenanthrene	17.107	178	2760162	38.231	ng	100
72) Anthracene	17.195	178	2799870	38.291	ng	100
73) Carbazole	17.489	167	2607544	38.474	ng	100
74) Di-n-butylphthalate	18.078	149	3324411	39.589	ng	100
75) Fluoranthene	19.195	202	3194654	38.177	ng	100
77) Benzidine	19.395	184	1825007	42.168	ng	100
78) Pyrene	19.572	202	3309259	37.906	ng	100
80) Butylbenzylphthalate	20.519	149	1569262	39.243	ng	100
81) Benzo(a)anthracene	21.466	228	3407877	38.131	ng	100
82) 3,3'-Dichlorobenzidine	21.401	252	1377414	38.820	ng	100
83) Chrysene	21.530	228	3196624	37.748	ng	100
84) Bis(2-ethylhexyl)phtha...	21.407	149	2227904	38.886	ng	100
85) Di-n-octyl phthalate	22.642	149	3868411	38.306	ng	100
87) Indeno(1,2,3-cd)pyrene	28.424	276	4640451	38.704	ng	100
88) Benzo(b)fluoranthene	23.713	252	3704546	39.393	ng	100
89) Benzo(k)fluoranthene	23.771	252	3635617	37.979	ng	100
90) Benzo(a)pyrene	24.571	252	3516755	38.291	ng	100
91) Dibenzo(a,h)anthracene	28.483	278	3757160	38.499	ng	100
92) Benzo(g,h,i)perylene	29.559	276	3734621	38.569	ng	100

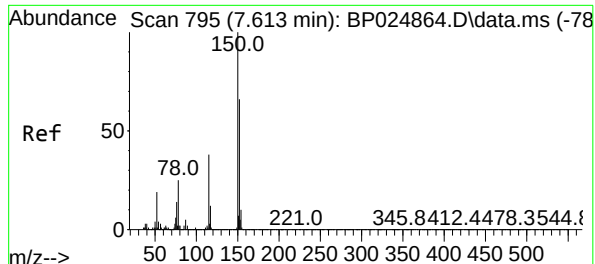
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Data File : BP024864.D  
Acq On    : 06 Jun 2025 13:14  
Operator  : RC/JU  
Sample    : SSTDICCC040  
Misc      :  
ALS Vial  : 6    Sample Multiplier: 1
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Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Jun 06 16:02:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

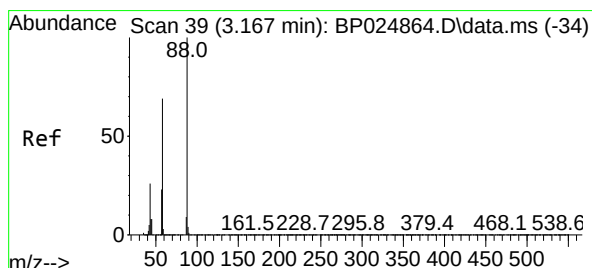
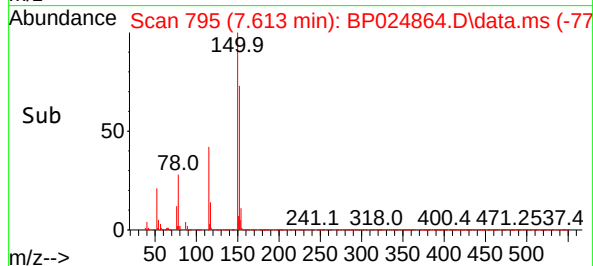
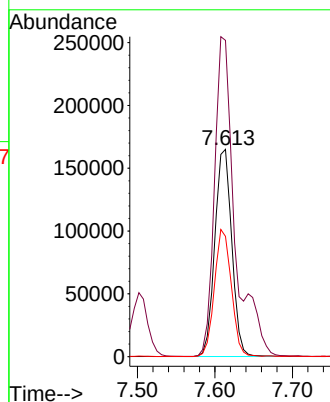
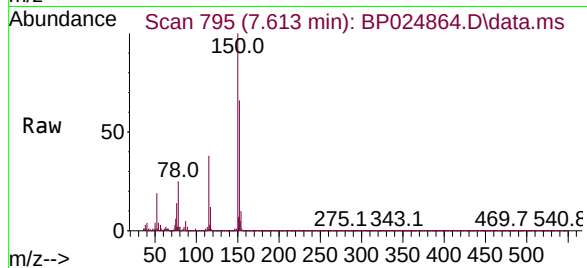




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

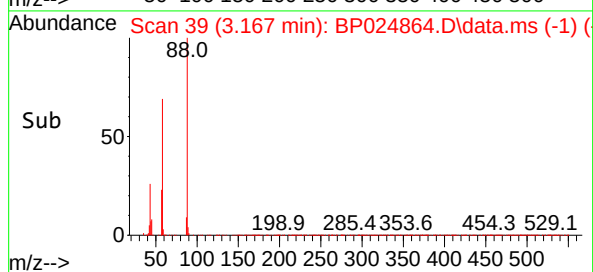
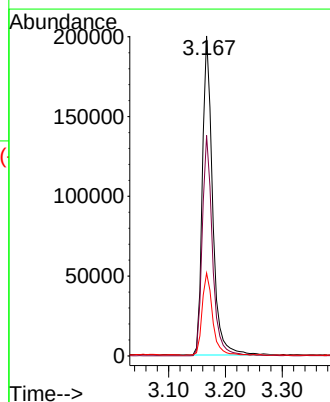
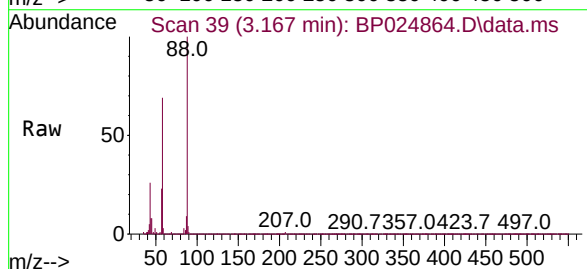
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

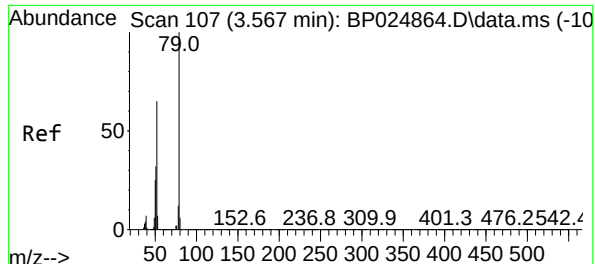
Tgt Ion:152 Resp: 251451
Ion Ratio Lower Upper
152 100
150 152.6 122.1 183.1
115 58.0 46.4 69.6



#2
1,4-Dioxane
Concen: 37.581 ng
RT: 3.167 min Scan# 39
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion: 88 Resp: 249102
Ion Ratio Lower Upper
88 100
58 69.3 55.4 83.0
43 26.1 20.8 31.2

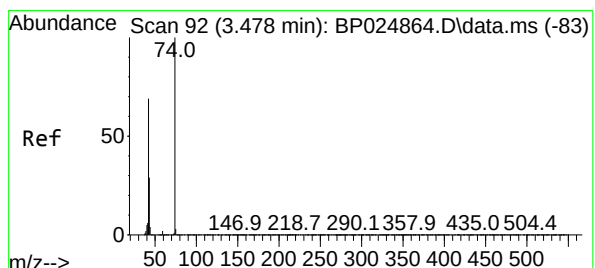
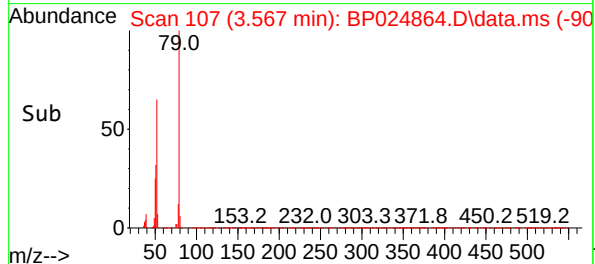
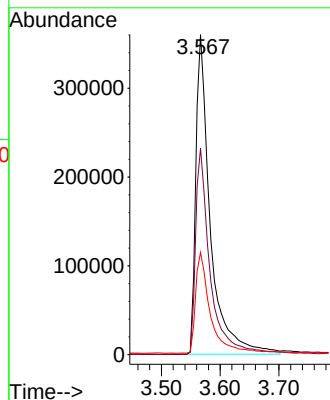
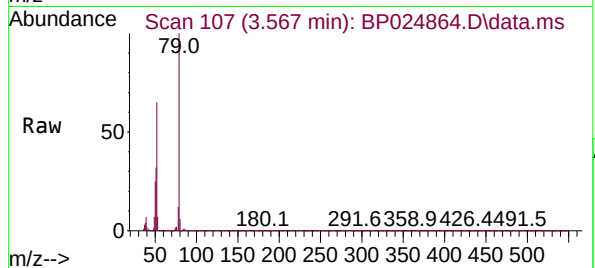




#3
Pyridine
Concen: 38.665 ng
RT: 3.567 min Scan# 107
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

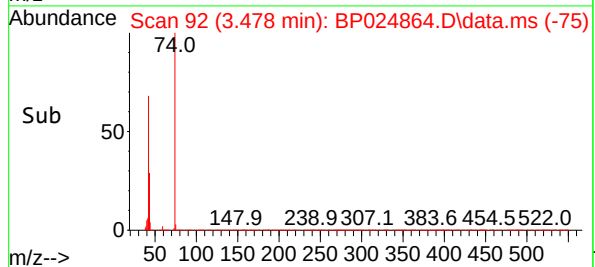
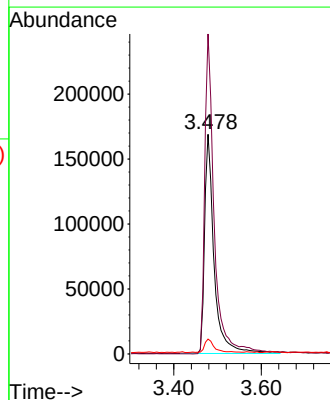
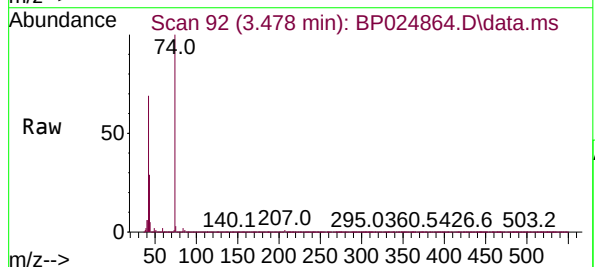
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BNA_P
ClientSampleId :
SSTDICCC040

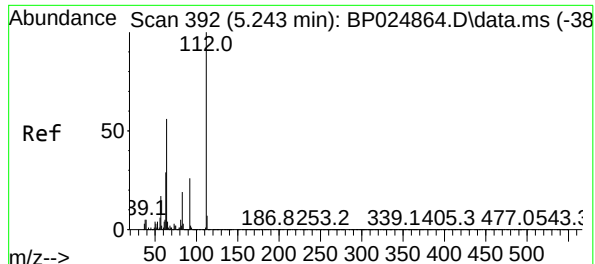
Tgt Ion: 79 Resp: 616351
Ion Ratio Lower Upper
79 100
52 64.5 51.6 77.4
51 31.9 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 38.735 ng
RT: 3.478 min Scan# 92
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion: 42 Resp: 252432
Ion Ratio Lower Upper
42 100
74 145.7 116.6 174.8
44 6.7 5.4 8.0





#5

2-Fluorophenol

Concen: 77.670 ng

RT: 5.243 min Scan# 392

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

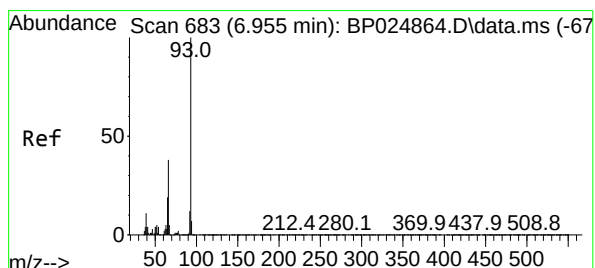
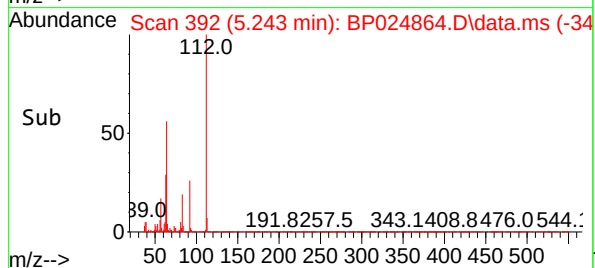
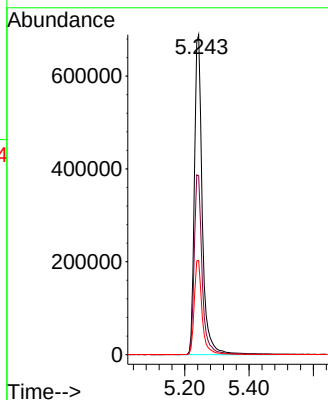
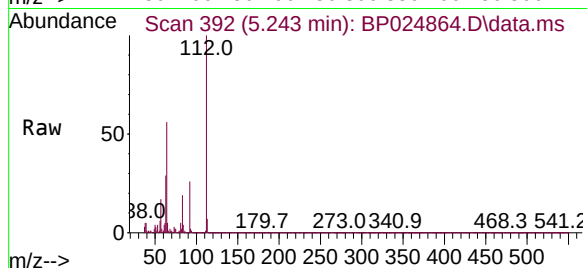
Tgt Ion:112 Resp: 1170028

Ion Ratio Lower Upper

112 100

64 55.9 44.7 67.1

63 29.4 23.5 35.3



#6

Aniline

Concen: 39.106 ng

RT: 6.955 min Scan# 683

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

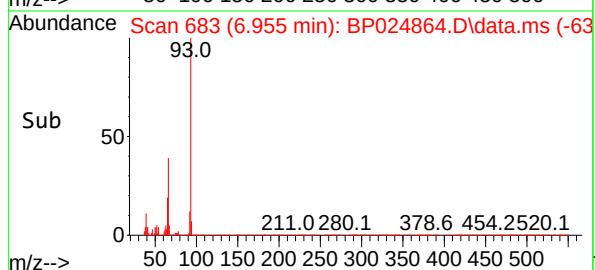
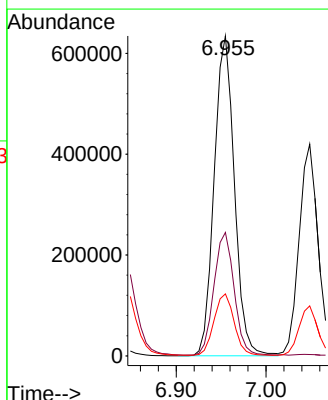
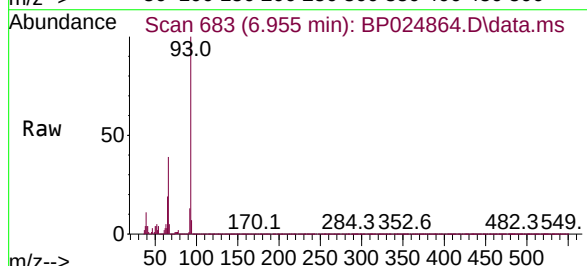
Tgt Ion: 93 Resp: 994688

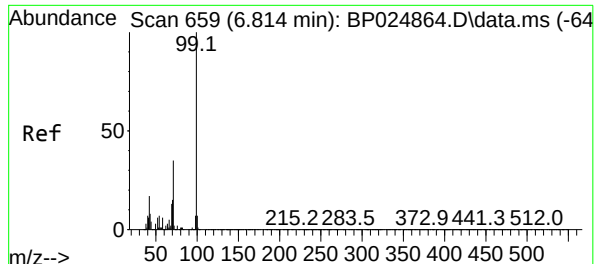
Ion Ratio Lower Upper

93 100

66 38.6 30.9 46.3

65 19.4 15.5 23.3

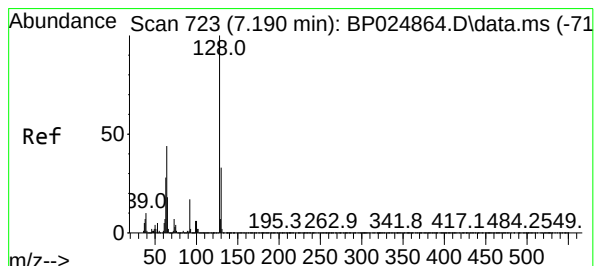
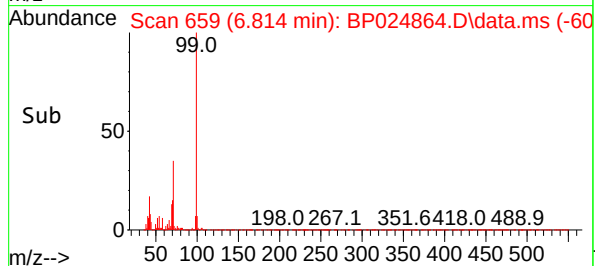
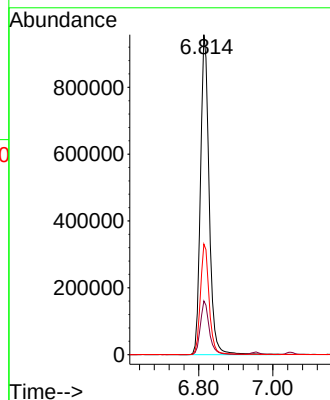
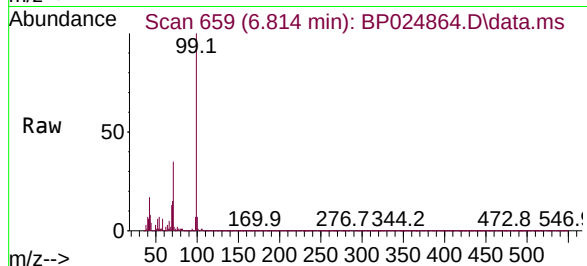




#7
Phenol-d6
Concen: 77.952 ng
RT: 6.814 min Scan# 659
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

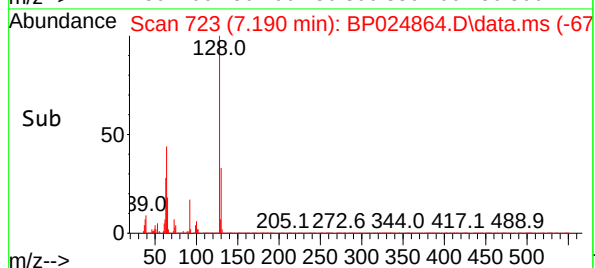
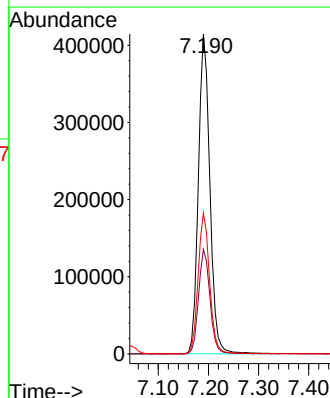
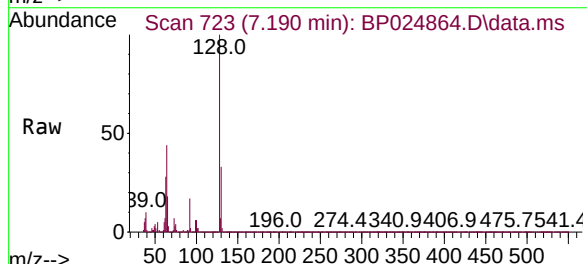
Instrument :
BNA_P
ClientSampleId :
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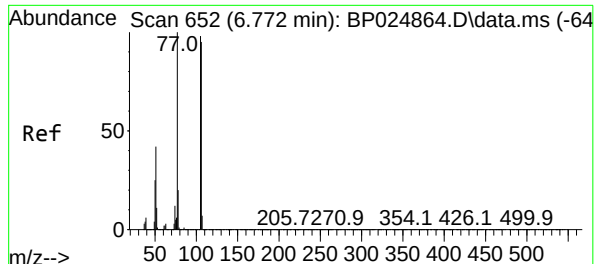
Tgt Ion: 99 Resp: 1553699
Ion Ratio Lower Upper
99 100
42 16.8 13.4 20.2
71 34.5 27.6 41.4



#8
2-Chlorophenol
Concen: 38.685 ng
RT: 7.190 min Scan# 723
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion: 128 Resp: 660632
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 44.1 24.1 64.1

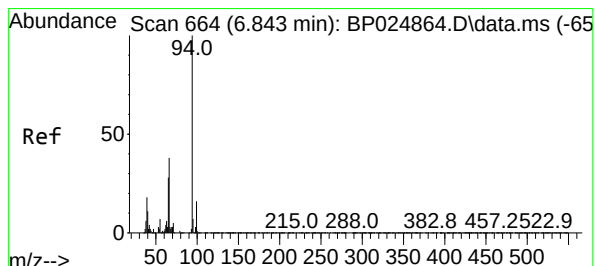
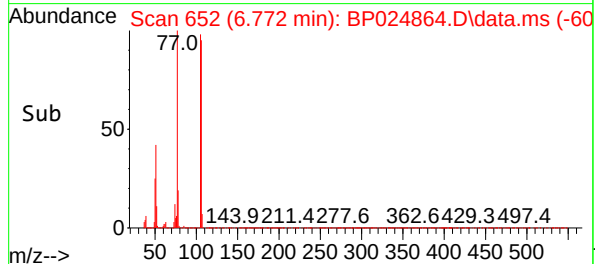
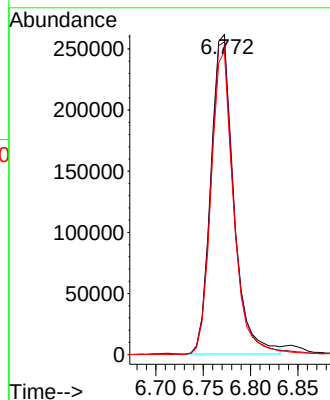
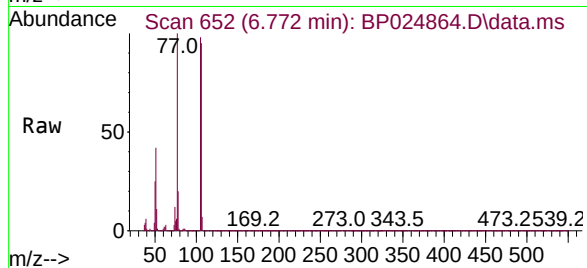




#9
Benzaldehyde
Concen: 38.116 ng
RT: 6.772 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

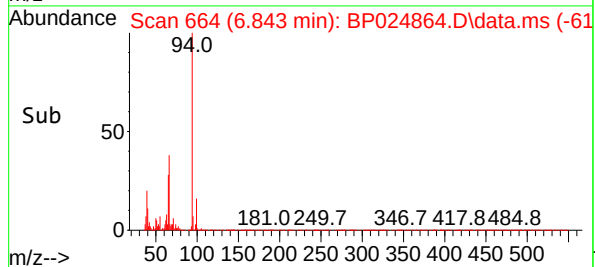
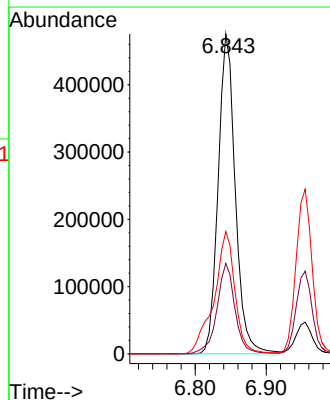
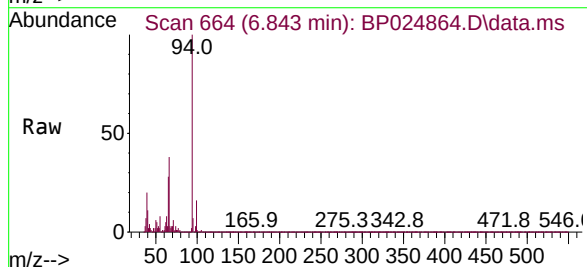
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

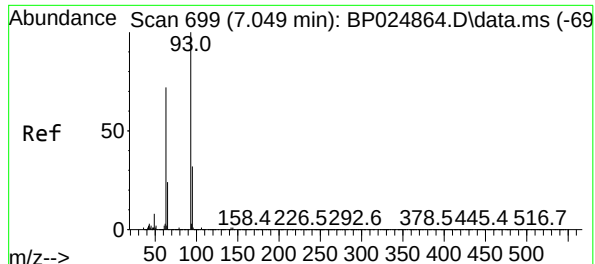
Tgt Ion: 77 Resp: 439137
Ion Ratio Lower Upper
77 100
105 97.7 77.7 117.7
106 94.8 74.8 114.8



#10
Phenol
Concen: 38.853 ng
RT: 6.843 min Scan# 664
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion: 94 Resp: 798315
Ion Ratio Lower Upper
94 100
65 28.3 8.3 48.3
66 38.2 18.2 58.2

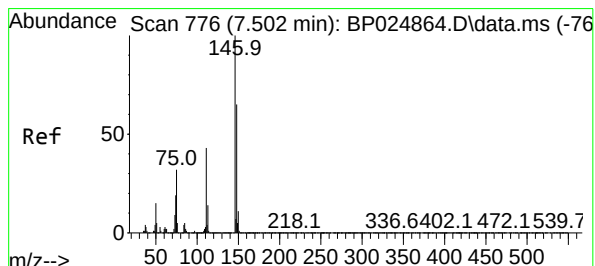
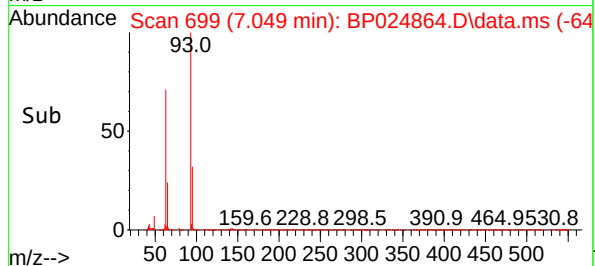
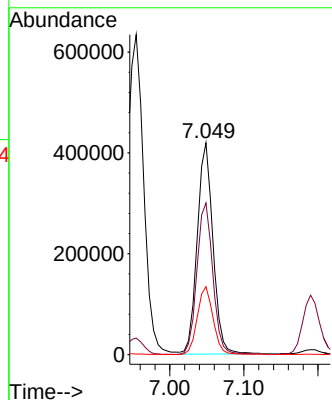
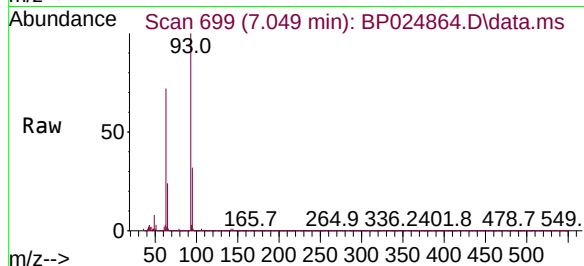




#11
bis(2-Chloroethyl)ether
Concen: 38.406 ng
RT: 7.049 min Scan# 699
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

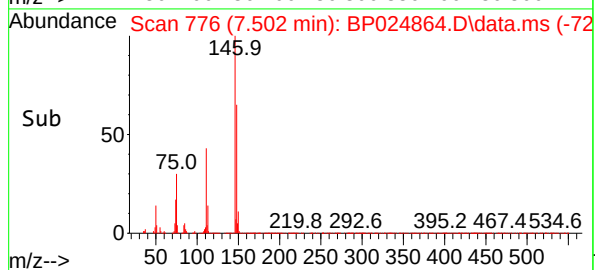
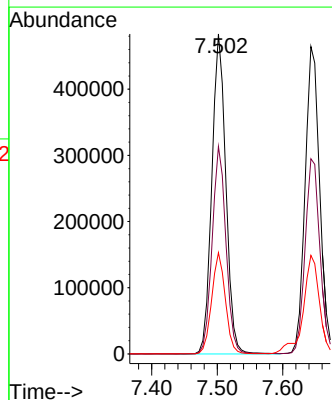
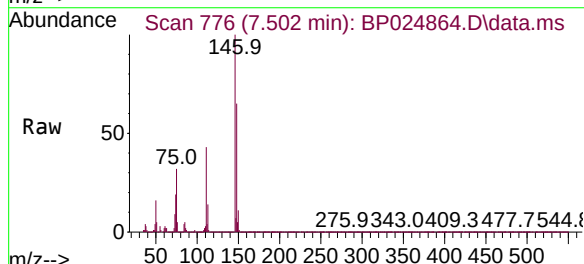
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

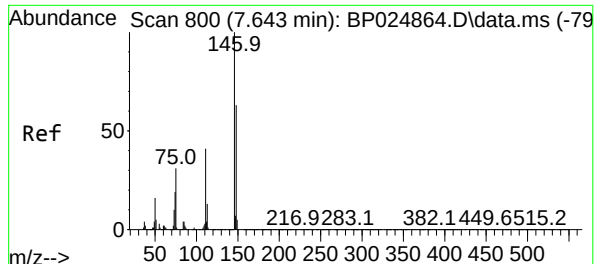
Tgt Ion: 93 Resp: 620674
Ion Ratio Lower Upper
93 100
63 71.6 51.6 91.6
95 32.1 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 37.610 ng
RT: 7.502 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion: 146 Resp: 716511
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
75 31.6 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 37.635 ng

RT: 7.643 min Scan# 800

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

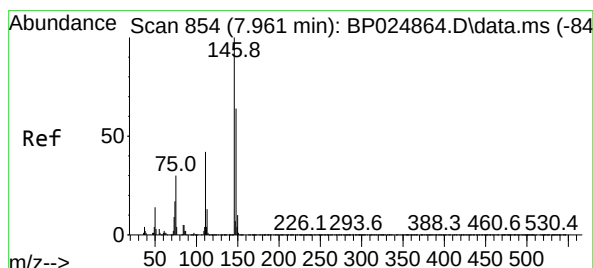
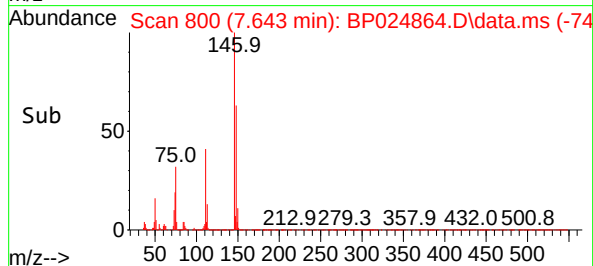
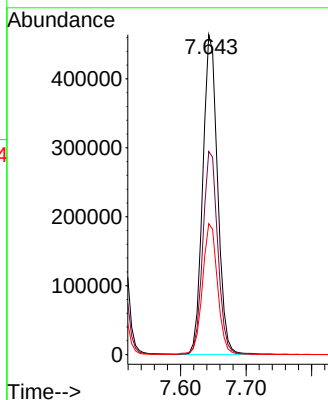
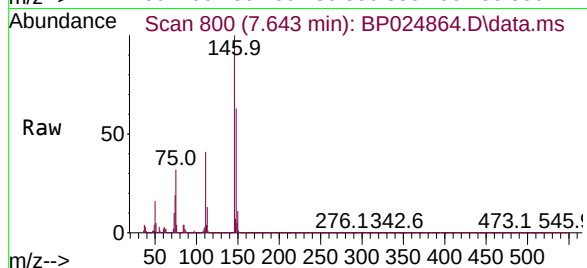
Tgt Ion:146 Resp: 723440

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

111 40.9 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 37.326 ng

RT: 7.961 min Scan# 854

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

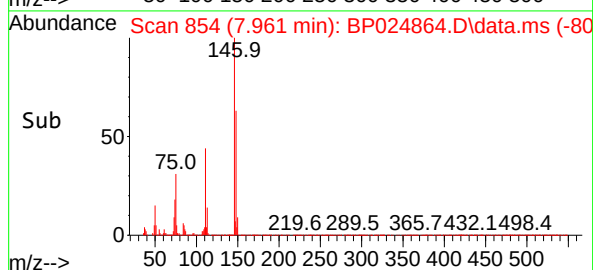
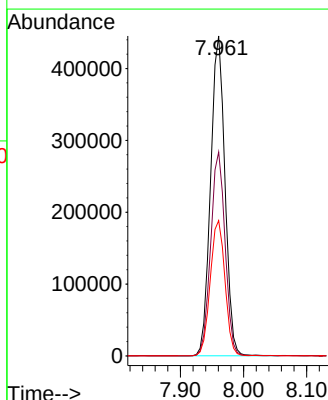
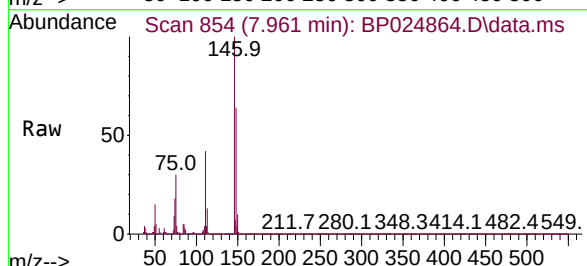
Tgt Ion:146 Resp: 704548

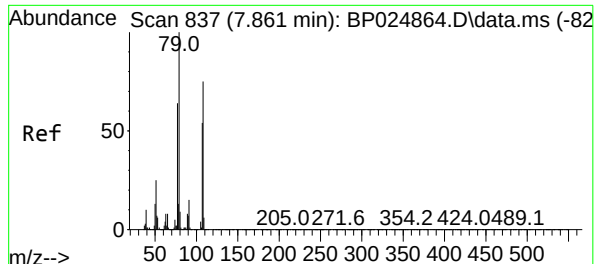
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

111 42.3 33.8 50.8





#15

Benzyl Alcohol

Concen: 38.458 ng

RT: 7.861 min Scan# 837

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

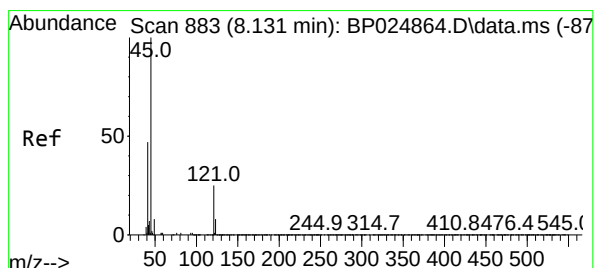
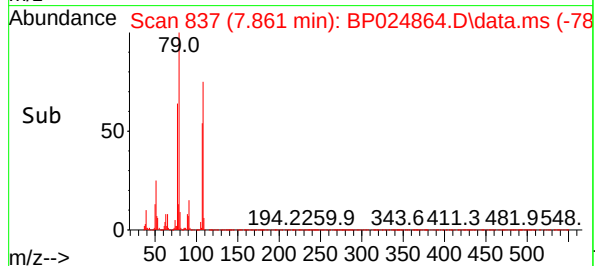
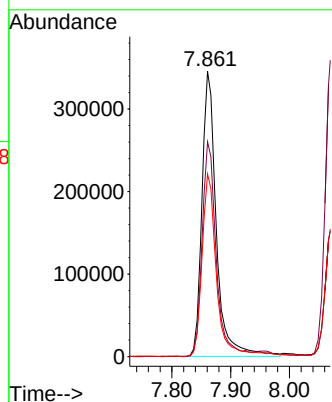
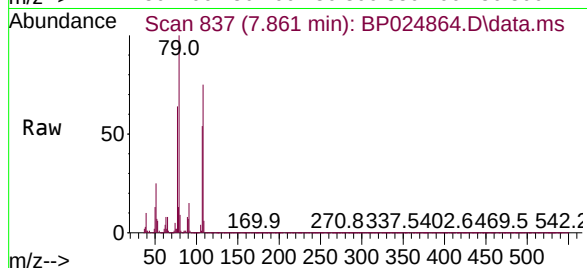
Tgt Ion: 79 Resp: 588293

Ion Ratio Lower Upper

79 100

108 75.3 60.2 90.4

77 64.0 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.629 ng

RT: 8.131 min Scan# 883

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

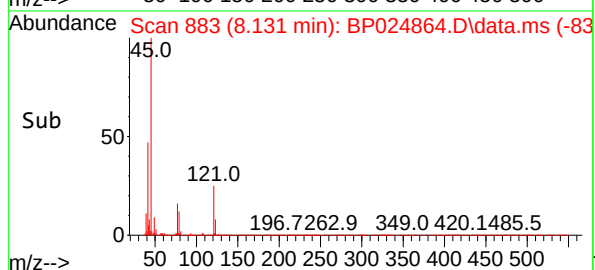
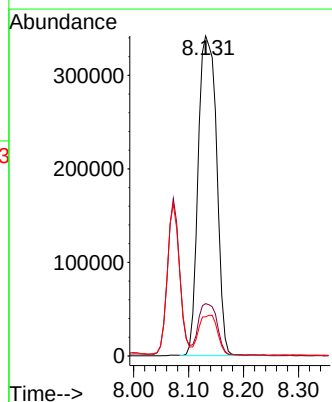
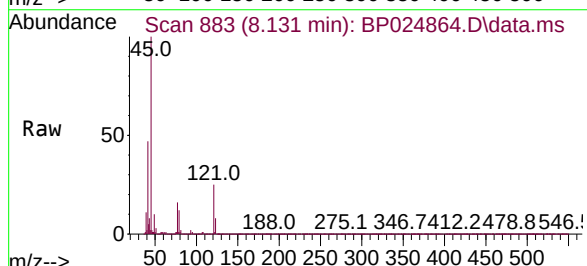
Tgt Ion: 45 Resp: 795933

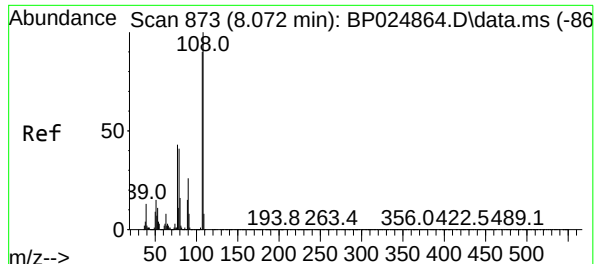
Ion Ratio Lower Upper

45 100

77 16.3 0.0 36.3

79 12.2 0.0 32.2





#17

2-Methylphenol

Concen: 38.764 ng

RT: 8.072 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 556193

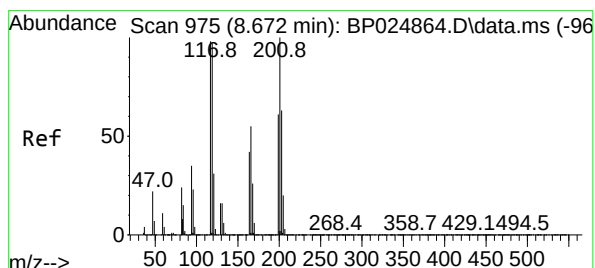
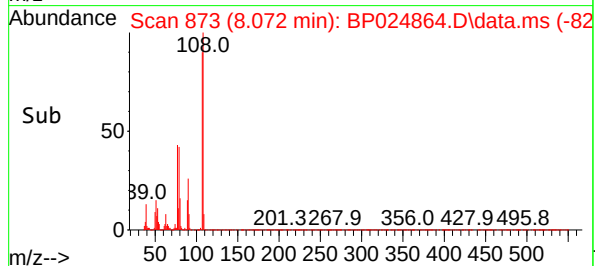
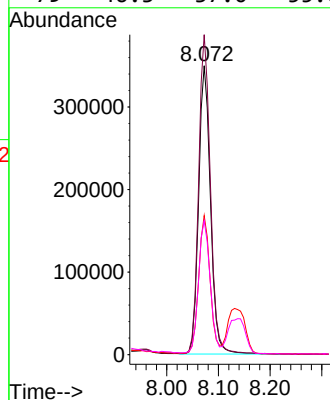
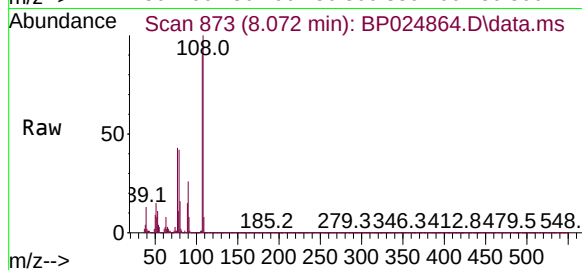
Ion Ratio Lower Upper

107 100

108 110.7 88.6 132.8

77 48.1 38.5 57.7

79 46.3 37.0 55.6



#18

Hexachloroethane

Concen: 37.878 ng

RT: 8.672 min Scan# 975

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

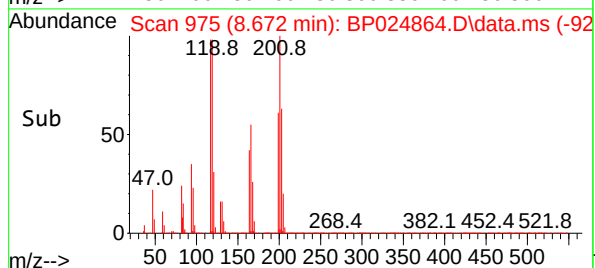
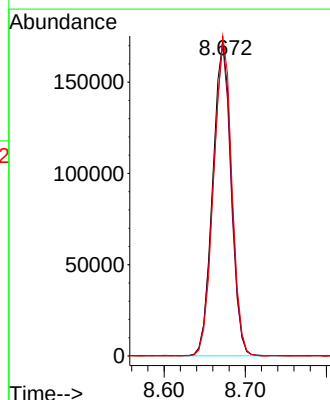
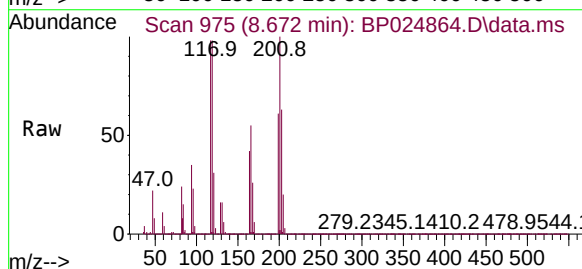
Tgt Ion:117 Resp: 274123

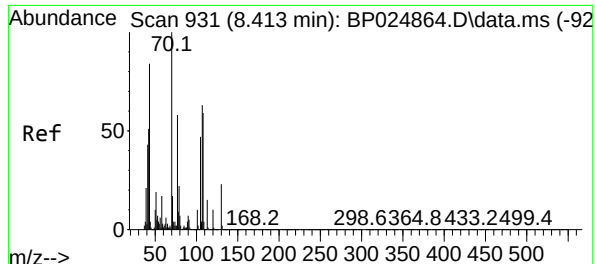
Ion Ratio Lower Upper

117 100

119 99.3 79.4 119.2

201 101.8 81.4 122.2





#19

n-Nitroso-di-n-propylamine

Concen: 38.693 ng

RT: 8.413 min Scan# 931

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 524279

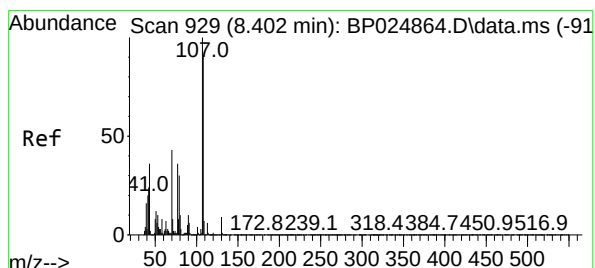
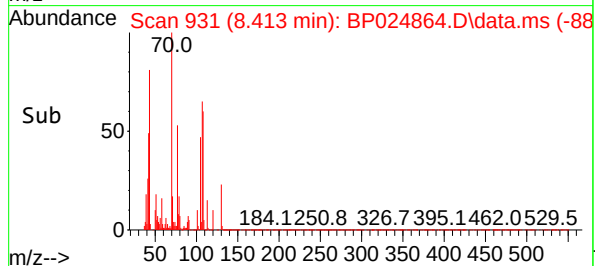
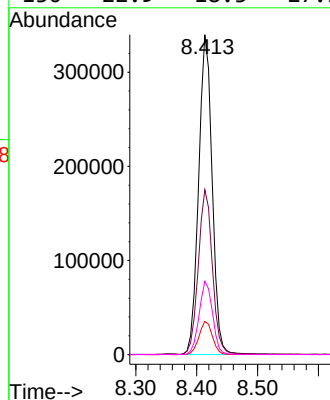
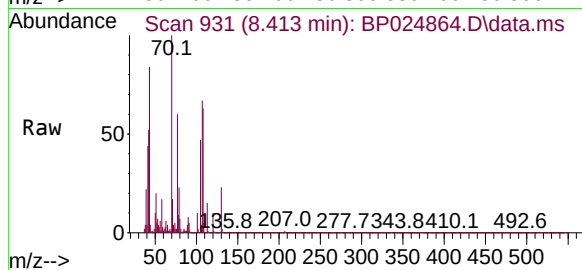
Ion Ratio Lower Upper

70 100

42 51.5 41.2 61.8

101 10.4 8.3 12.5

130 22.9 18.3 27.5



#20

3+4-Methylphenols

Concen: 38.365 ng

RT: 8.402 min Scan# 929

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Tgt Ion: 107 Resp: 751025

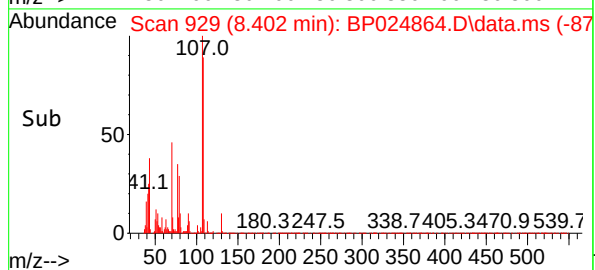
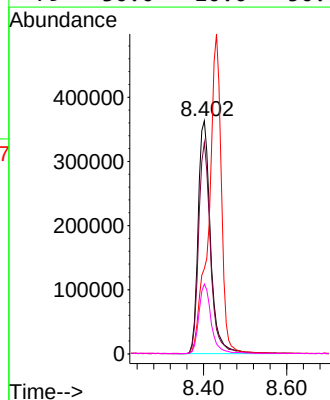
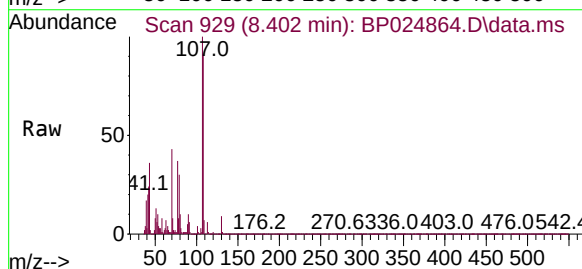
Ion Ratio Lower Upper

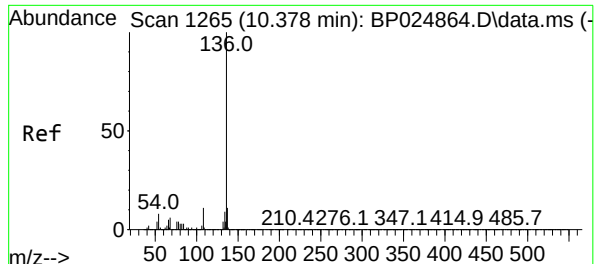
107 100

108 90.7 70.7 110.7

77 36.6 16.6 56.6

79 30.0 10.0 50.0

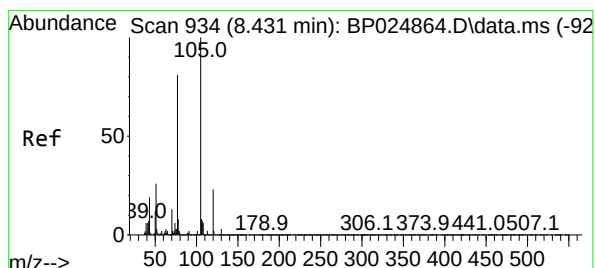
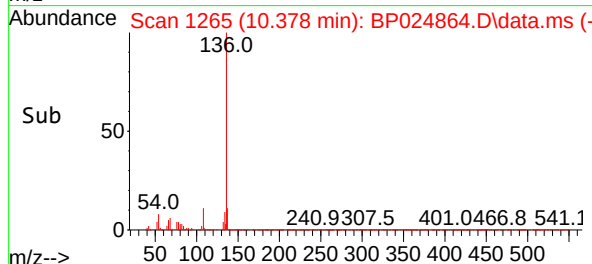
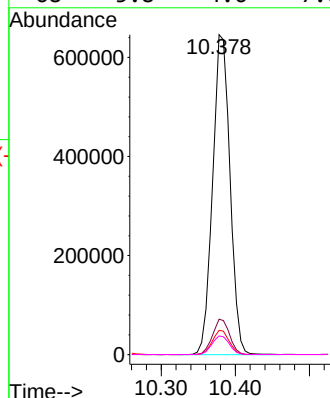
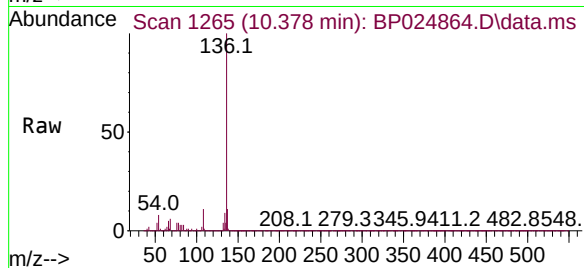




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

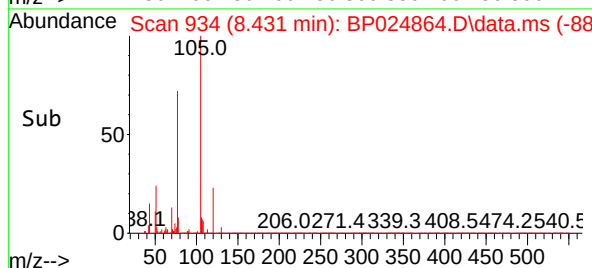
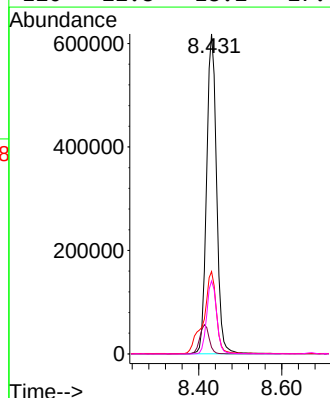
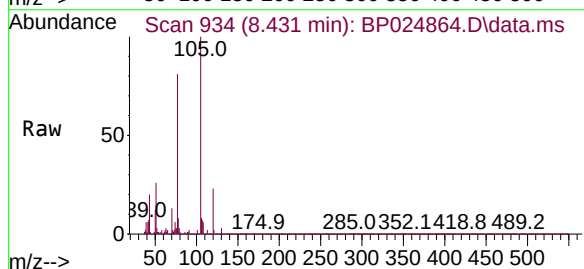
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

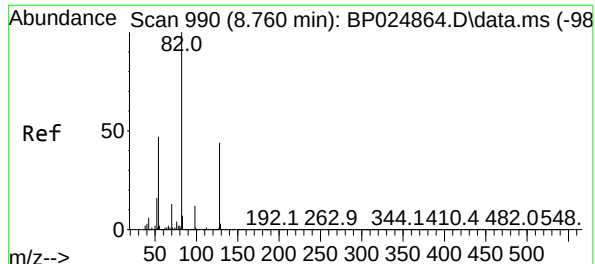
Tgt Ion:136 Resp: 1050030
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.6 6.1 9.1
68 5.8 4.6 7.0



#22
Acetophenone
Concen: 38.828 ng
RT: 8.431 min Scan# 934
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:105 Resp: 1030093
Ion Ratio Lower Upper
105 100
71 2.0 1.6 2.4
51 25.8 20.6 31.0
120 22.8 18.2 27.4





#23

Nitrobenzene-d5

Concen: 78.486 ng

RT: 8.760 min Scan# 990

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

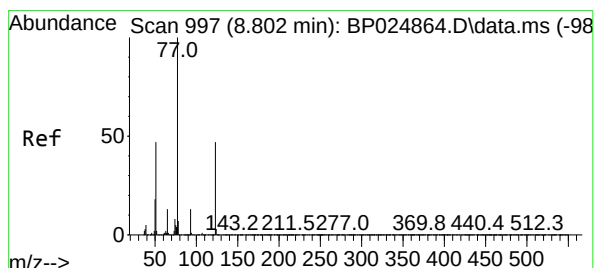
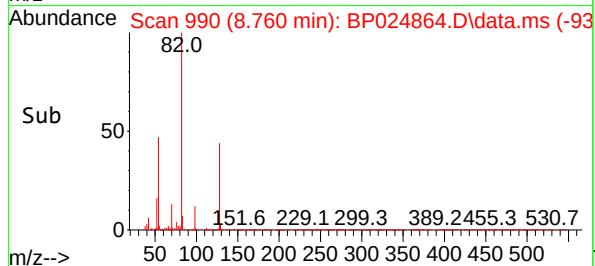
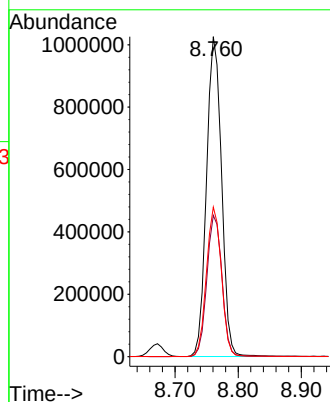
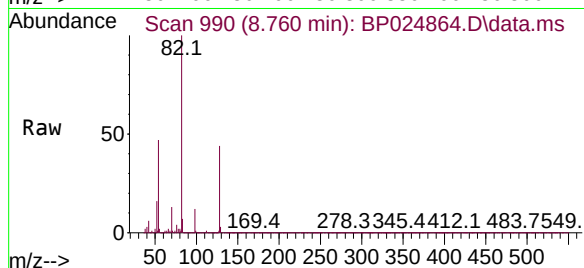
BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 1695972

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.3	52.9
54	46.7	37.4	56.0



#24

Nitrobenzene

Concen: 39.362 ng

RT: 8.802 min Scan# 997

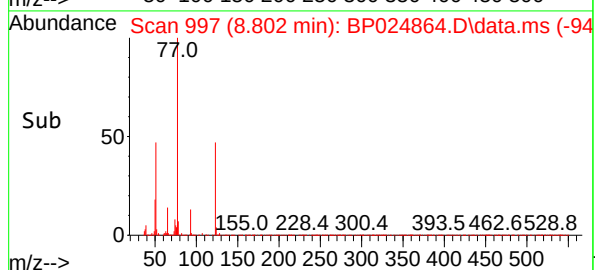
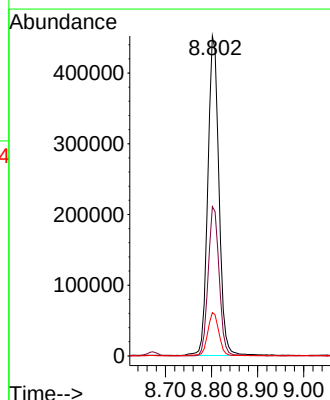
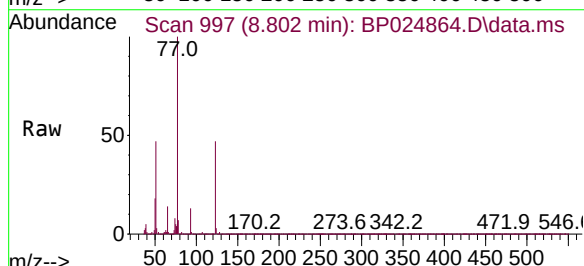
Delta R.T. 0.000 min

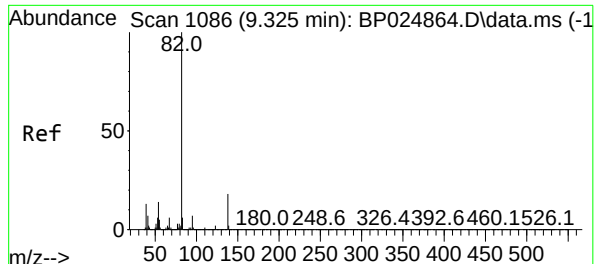
Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Tgt Ion: 77 Resp: 755619

Ion	Ratio	Lower	Upper
77	100		
123	46.6	37.3	55.9
65	13.5	10.8	16.2

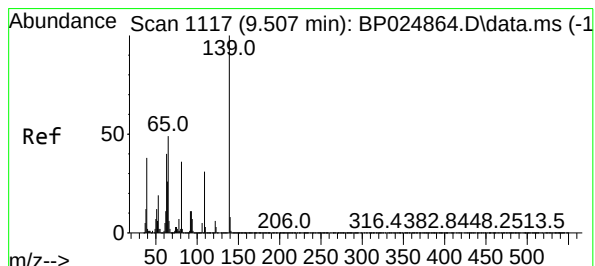
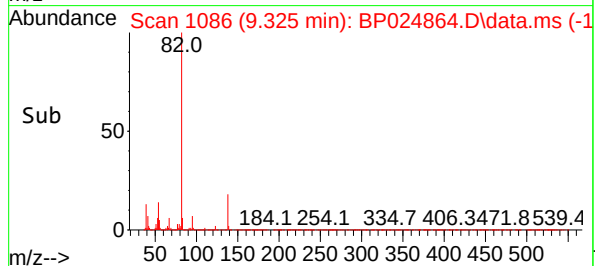
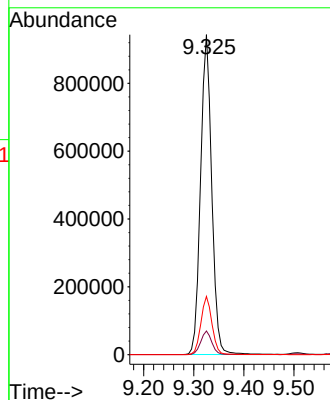
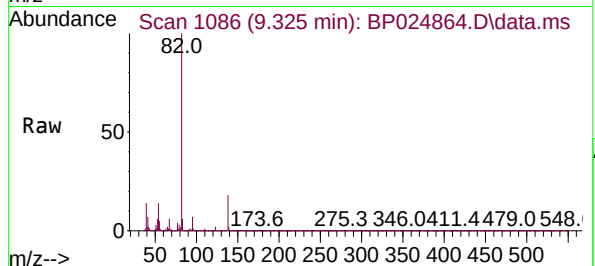




#25
Isophorone
Concen: 38.927 ng
RT: 9.325 min Scan# 1086
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

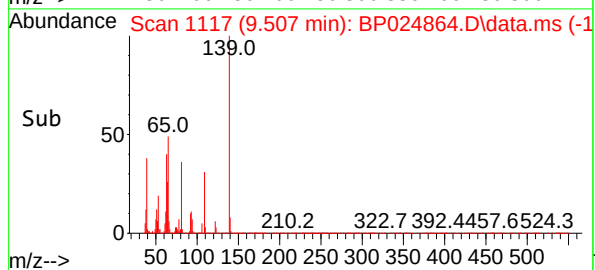
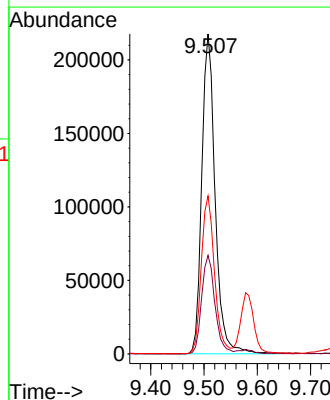
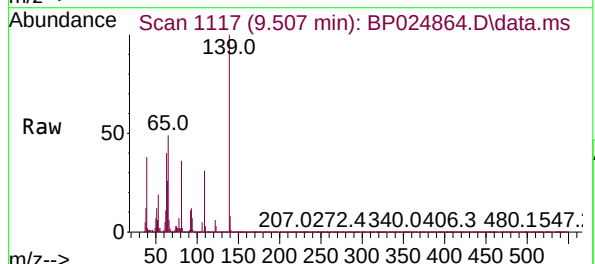
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

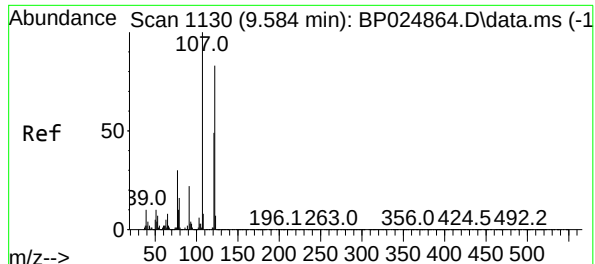
Tgt Ion: 82 Resp: 1457812
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 18.2 14.6 21.8



#26
2-Nitrophenol
Concen: 39.996 ng
RT: 9.507 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion: 139 Resp: 378834
Ion Ratio Lower Upper
139 100
109 30.8 24.6 37.0
65 49.4 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 39.219 ng

RT: 9.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

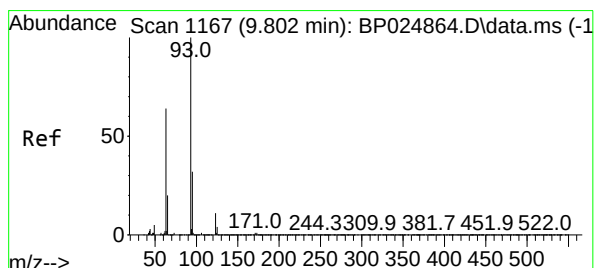
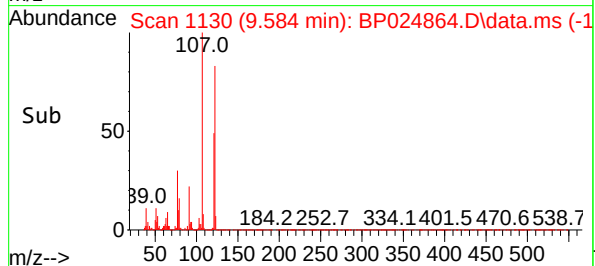
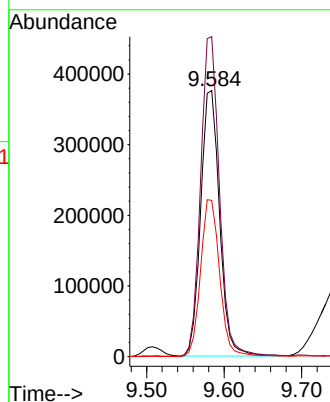
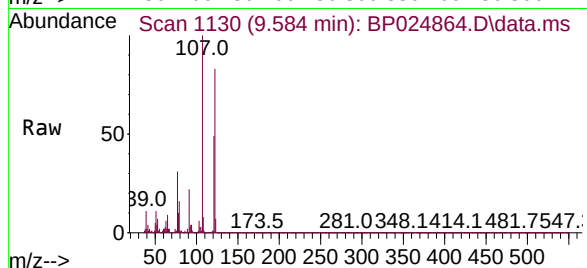
Tgt Ion:122 Resp: 635763

Ion Ratio Lower Upper

122 100

107 120.3 96.2 144.4

121 58.7 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.880 ng

RT: 9.802 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

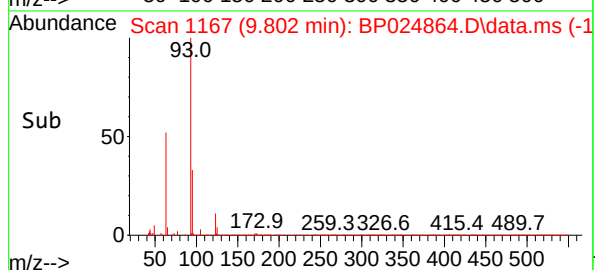
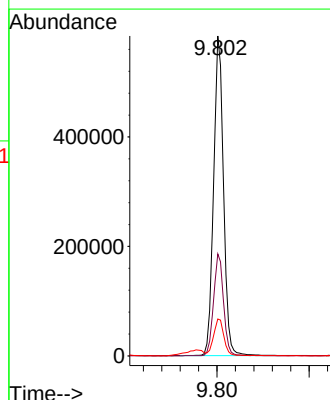
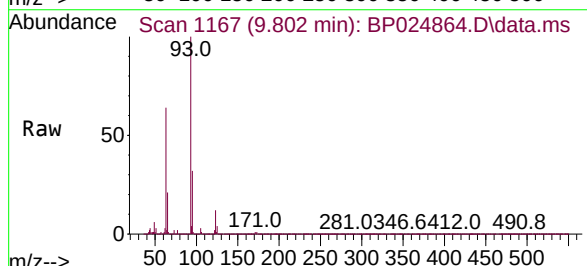
Tgt Ion: 93 Resp: 868569

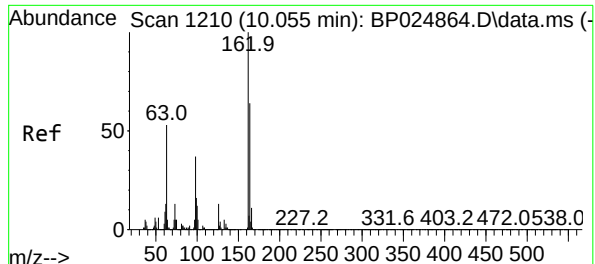
Ion Ratio Lower Upper

93 100

95 31.9 25.5 38.3

123 11.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.412 ng

RT: 10.055 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

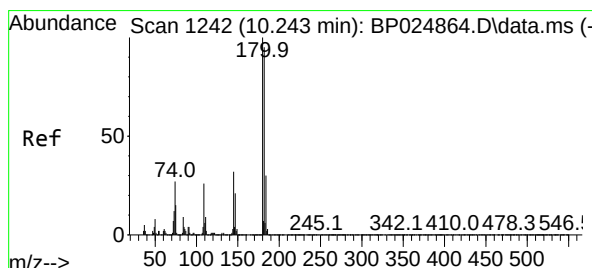
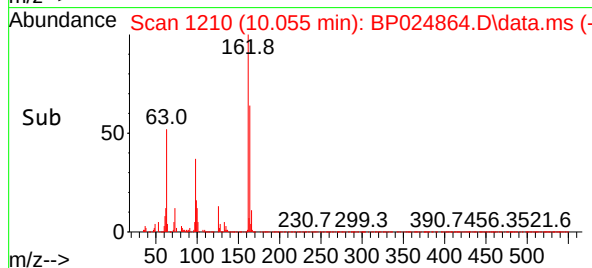
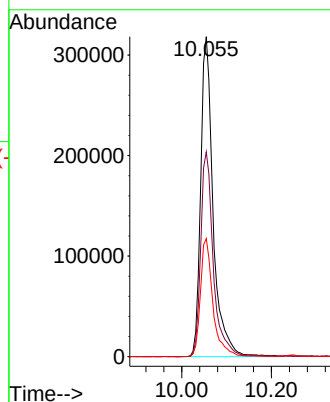
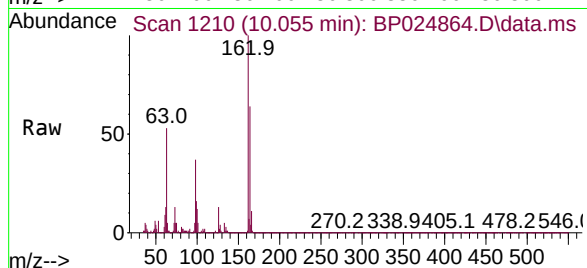
Tgt Ion:162 Resp: 613013

Ion Ratio Lower Upper

162 100

164 64.0 44.0 84.0

98 36.9 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 37.930 ng

RT: 10.243 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

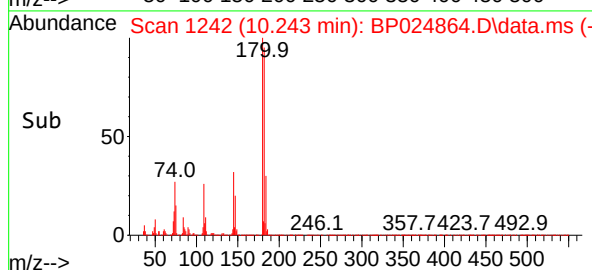
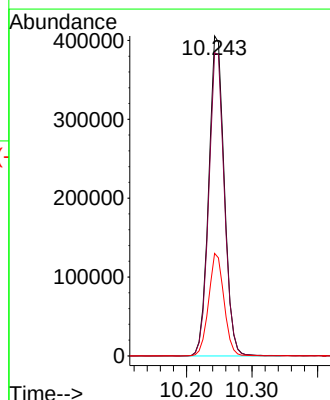
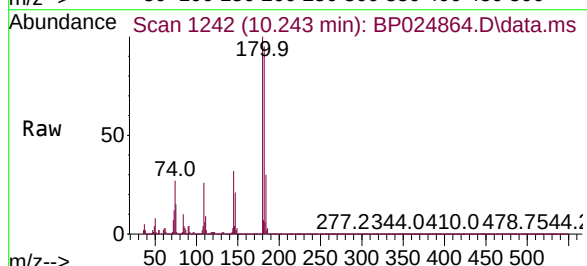
Tgt Ion:180 Resp: 665418

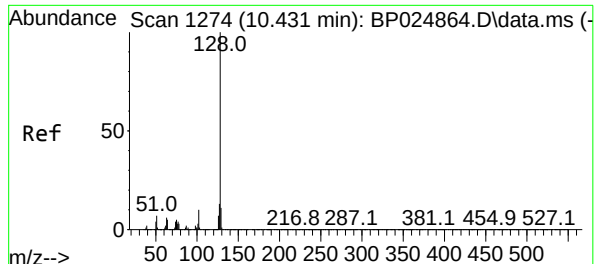
Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

145 32.1 25.7 38.5





#31

Naphthalene

Concen: 38.617 ng

RT: 10.431 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

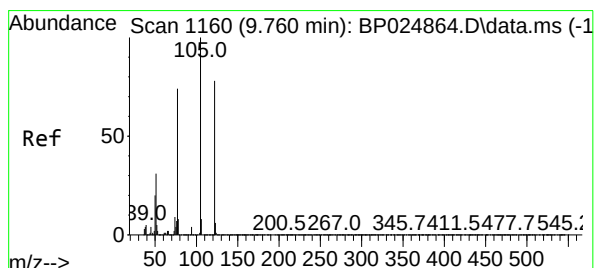
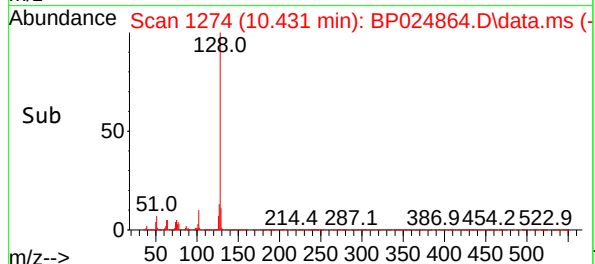
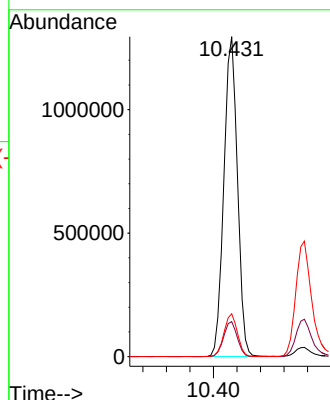
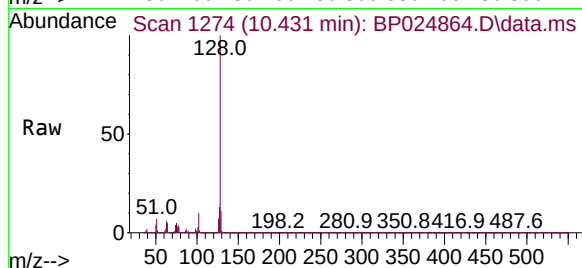
Tgt Ion:128 Resp: 2077988

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.4 10.7 16.1



#32

Benzoic acid

Concen: 39.629 ng

RT: 9.760 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

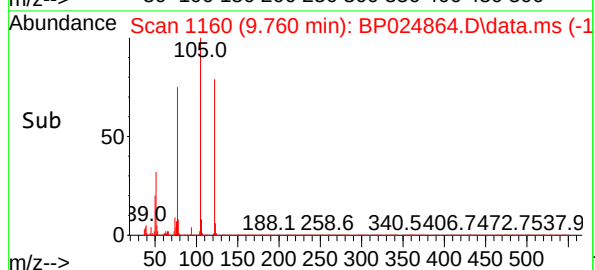
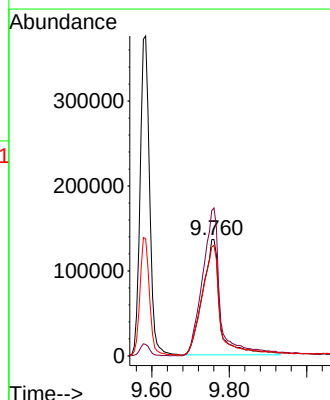
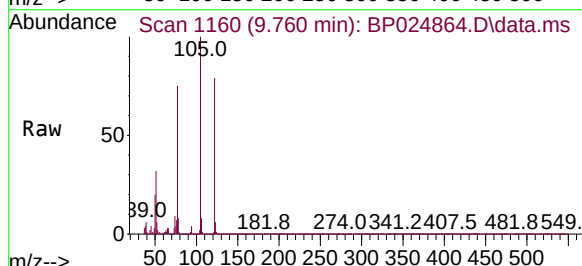
Tgt Ion:122 Resp: 428303

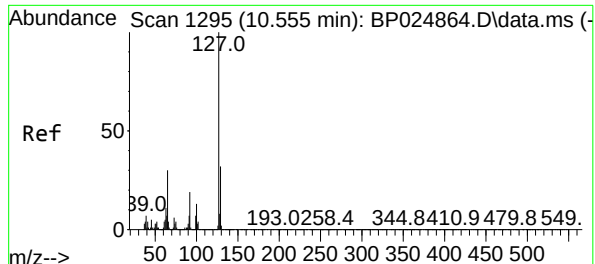
Ion Ratio Lower Upper

122 100

105 127.1 107.1 147.1

77 95.1 75.1 115.1





#33

4-Chloroaniline

Concen: 39.641 ng

RT: 10.555 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 893683

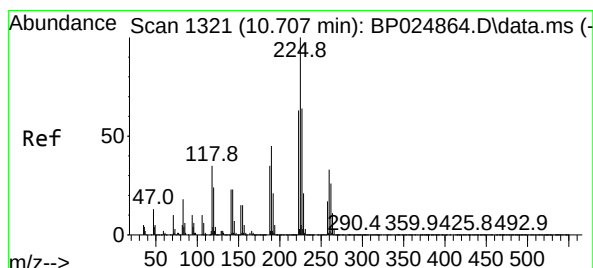
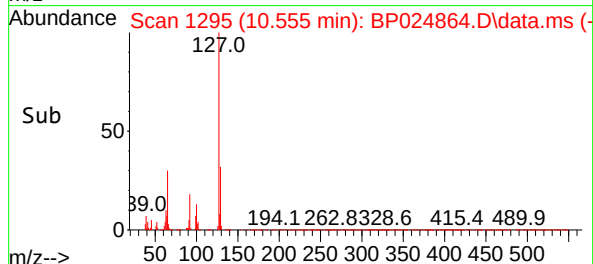
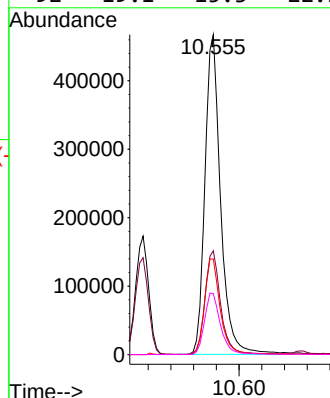
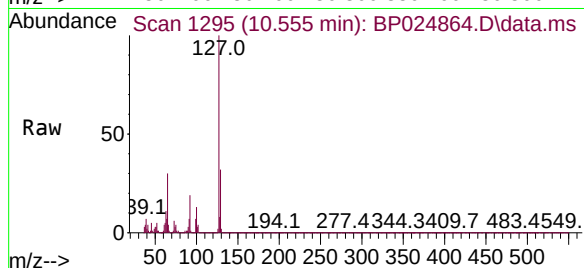
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 29.9 23.9 35.9

92 19.1 15.3 22.9



#34

Hexachlorobutadiene

Concen: 38.500 ng

RT: 10.707 min Scan# 1321

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

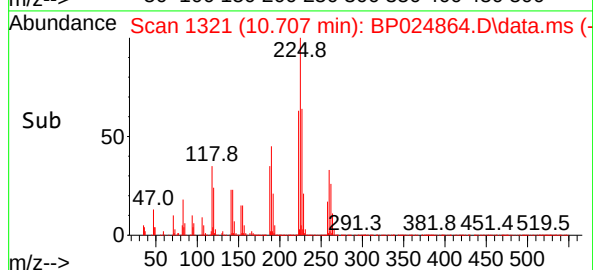
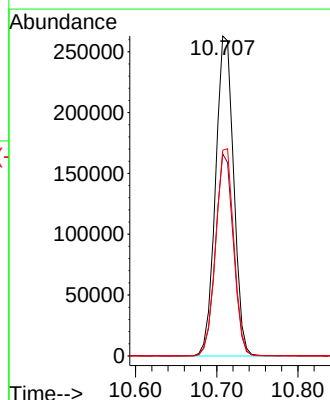
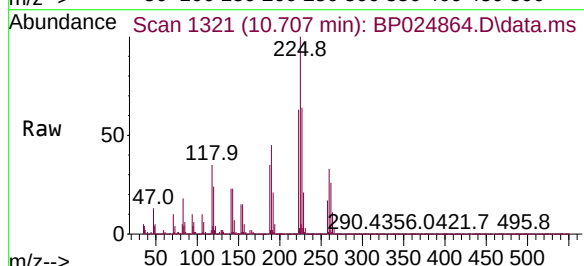
Tgt Ion:225 Resp: 407084

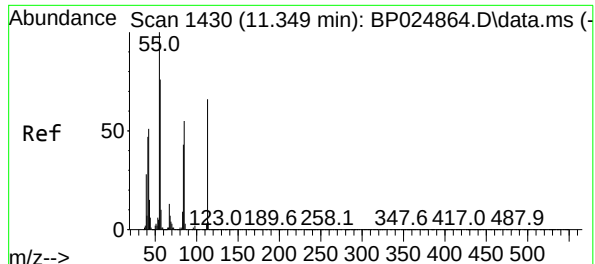
Ion Ratio Lower Upper

225 100

223 63.1 50.5 75.7

227 64.3 51.4 77.2

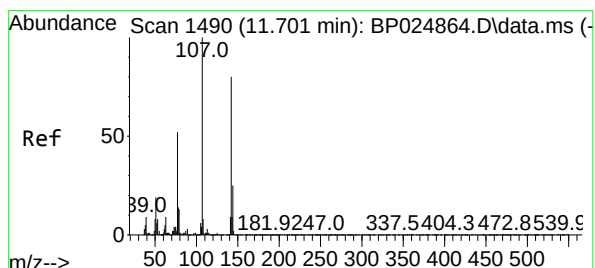
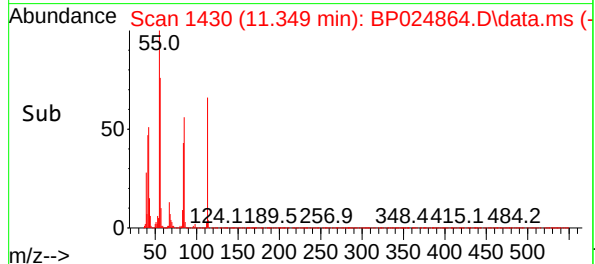
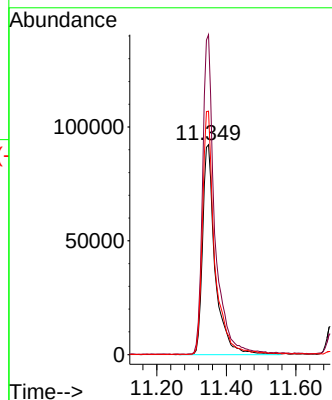
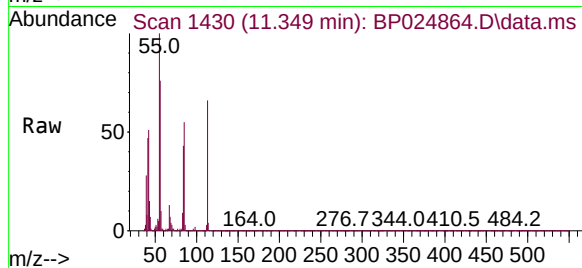




#35
Caprolactam
Concen: 40.293 ng
RT: 11.349 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

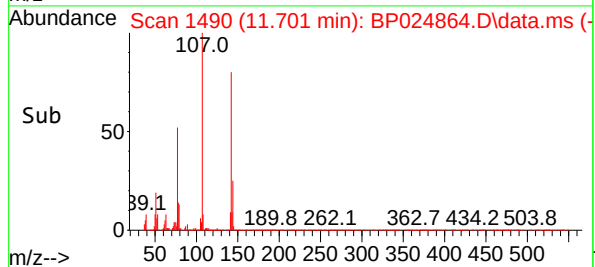
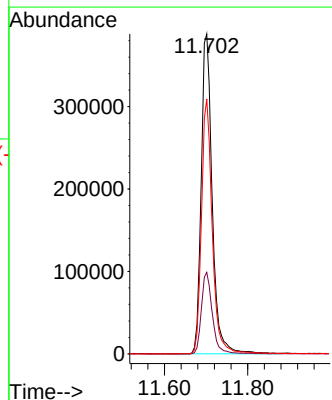
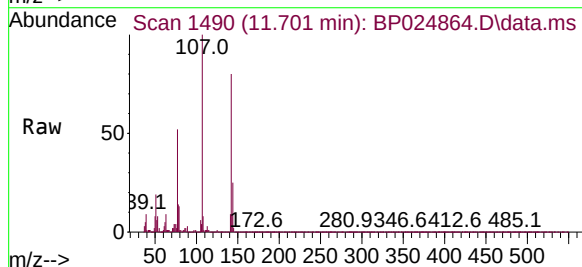
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

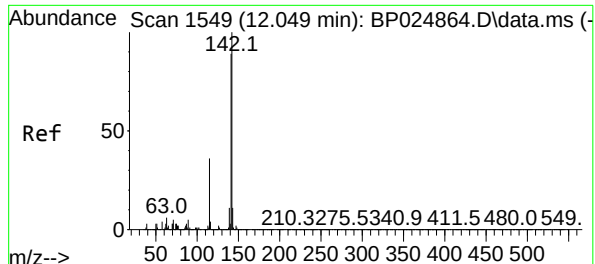
Tgt Ion	Ratio	Lower	Upper
113	100		
55	152.5	132.5	172.5
56	116.0	96.0	136.0



#36
4-Chloro-3-methylphenol
Concen: 39.885 ng
RT: 11.701 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.4	30.6
142	79.7	63.8	95.6

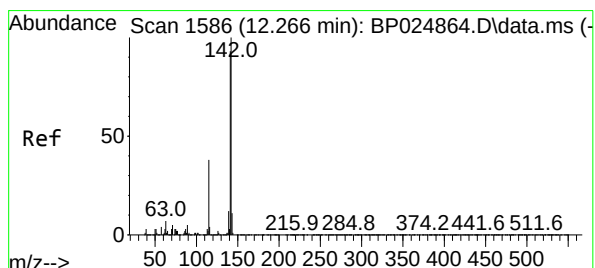
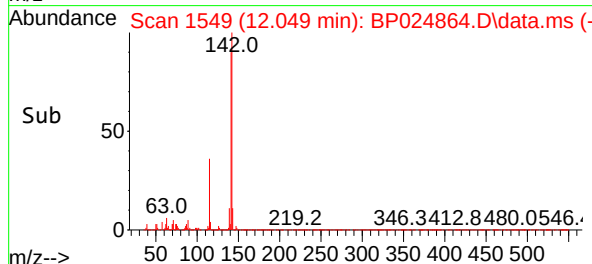
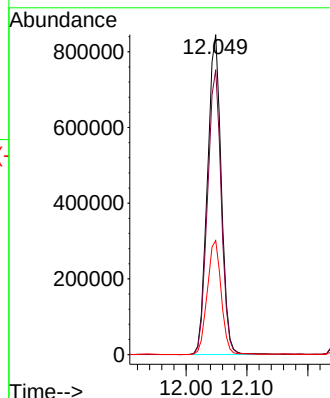
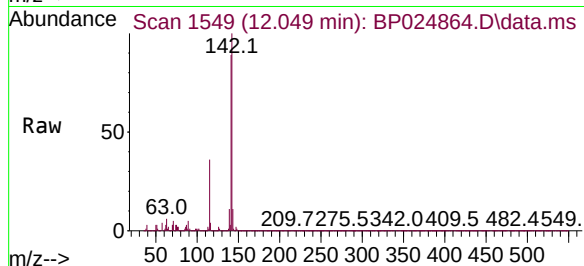




#37
2-Methylnaphthalene
Concen: 38.973 ng
RT: 12.049 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

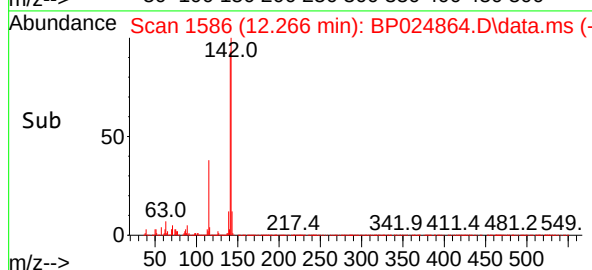
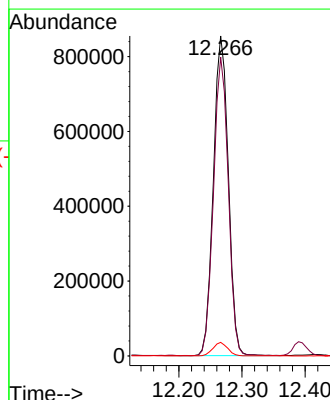
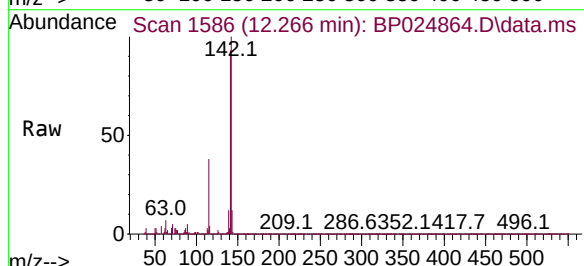
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

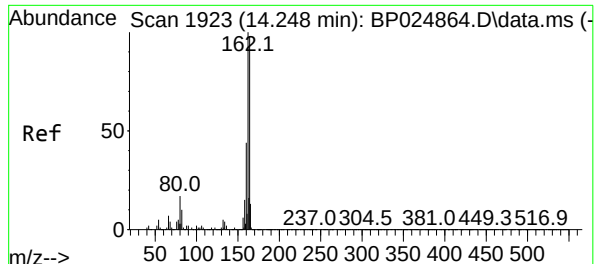
Tgt Ion:142 Resp: 1330251
Ion Ratio Lower Upper
142 100
141 89.0 71.2 106.8
115 35.6 28.5 42.7



#38
1-Methylnaphthalene
Concen: 38.606 ng
RT: 12.266 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:142 Resp: 1408803
Ion Ratio Lower Upper
142 100
141 93.4 74.7 112.1
116 4.2 3.4 5.0

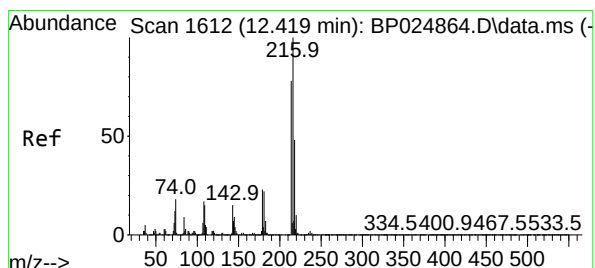
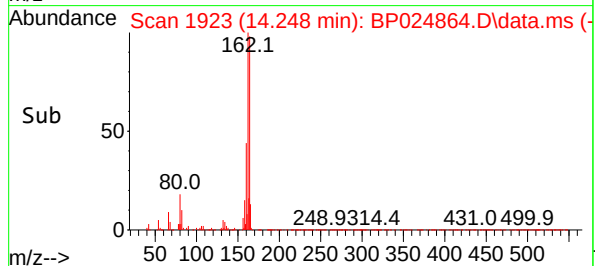
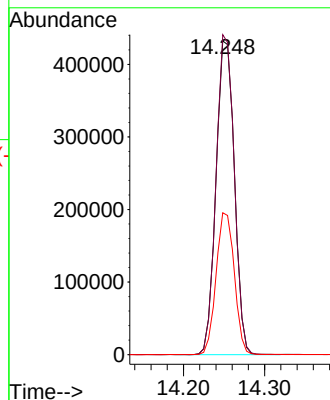
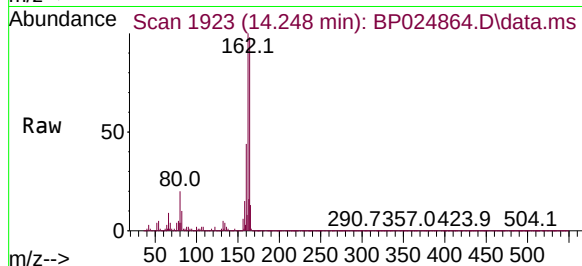




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

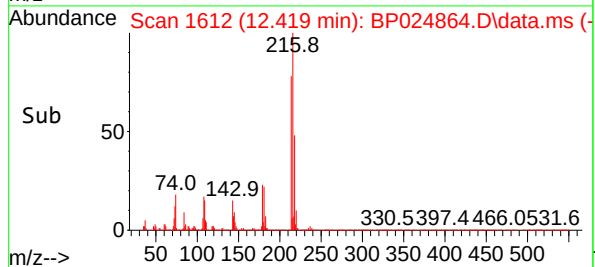
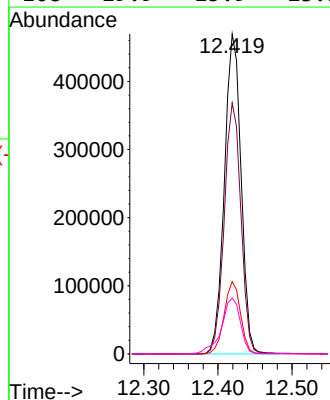
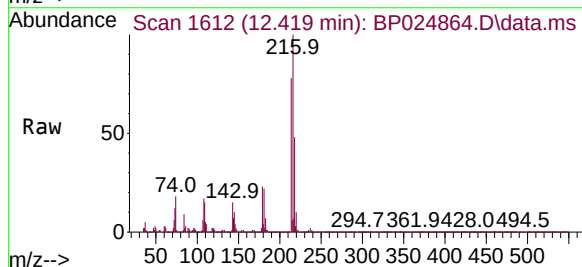
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

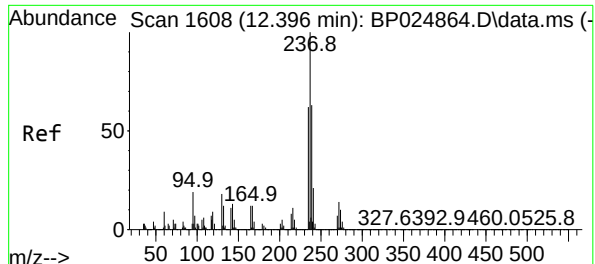
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.6	122.4
160	45.2	36.2	54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.947 ng
RT: 12.419 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	22.2	17.8	26.6
108	19.9	15.9	23.9

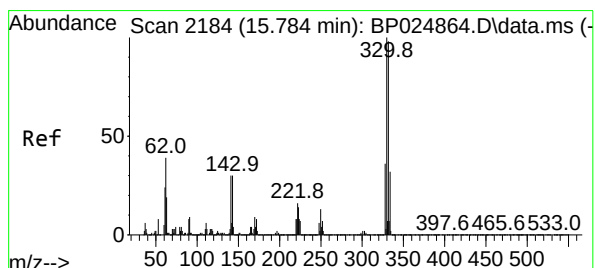
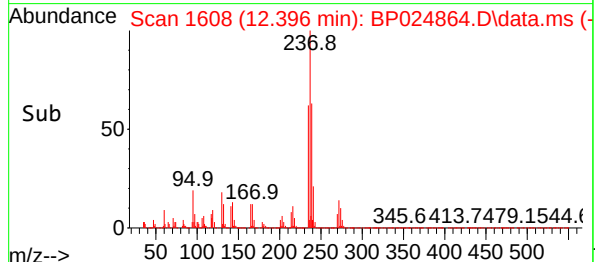
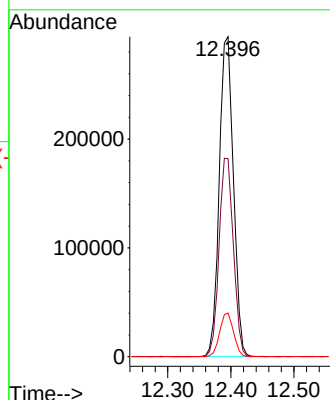
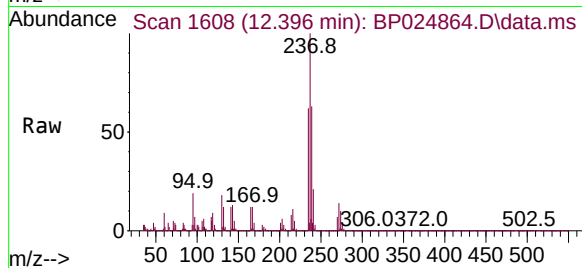




#41
Hexachlorocyclopentadiene
Concen: 38.901 ng
RT: 12.396 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

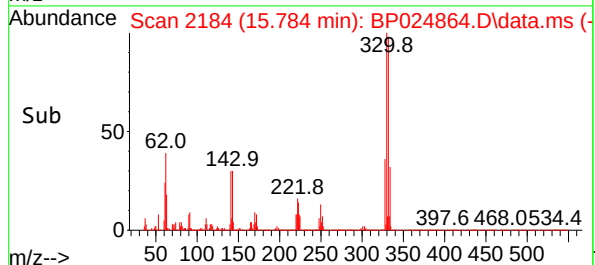
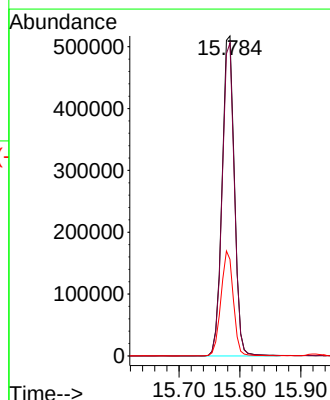
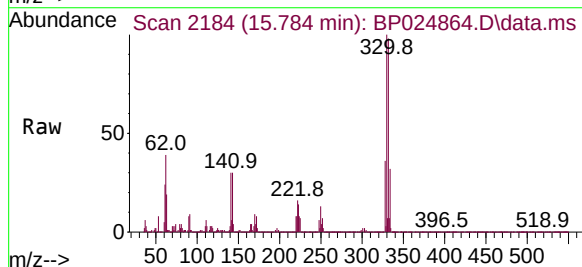
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

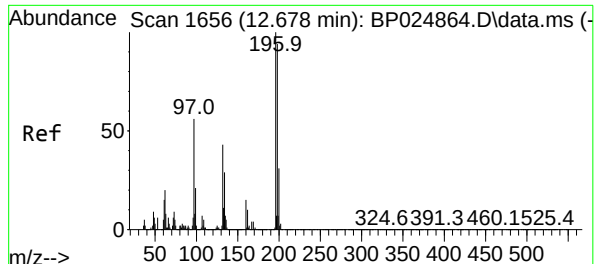
Tgt Ion:237 Resp: 457226
Ion Ratio Lower Upper
237 100
235 61.9 41.9 81.9
272 13.7 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 77.359 ng
RT: 15.784 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:330 Resp: 726339
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 33.0 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 39.371 ng

RT: 12.678 min Scan# 1656

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

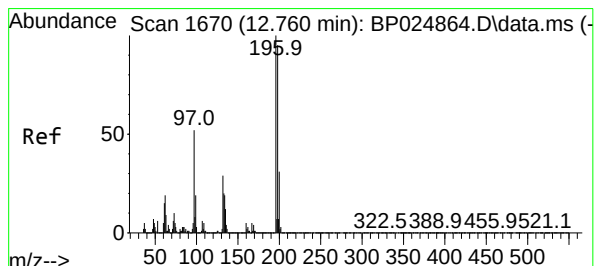
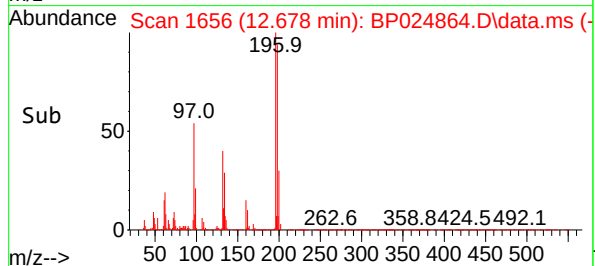
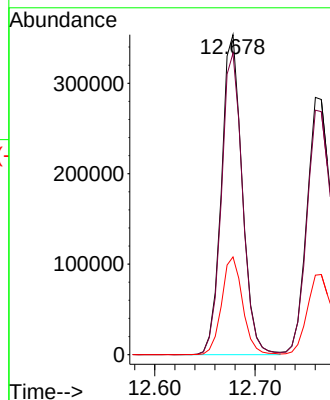
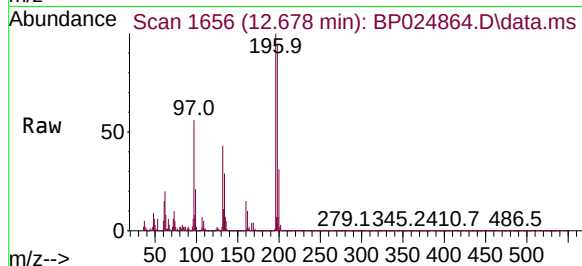
Tgt Ion:196 Resp: 509510

Ion Ratio Lower Upper

196 100

198 94.2 75.4 113.0

200 30.5 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 39.715 ng

RT: 12.760 min Scan# 1670

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Tgt Ion:196 Resp: 550432

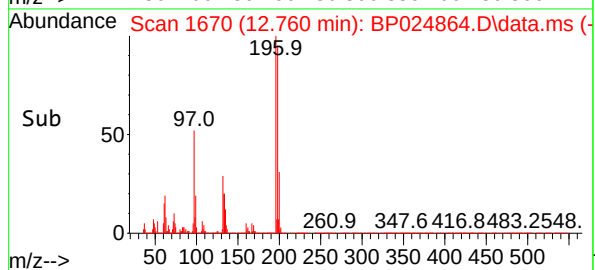
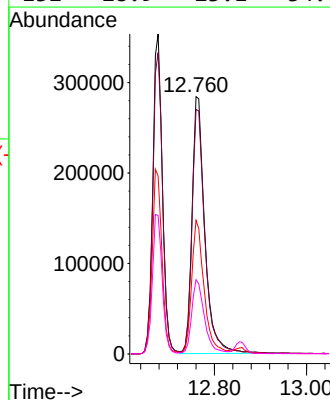
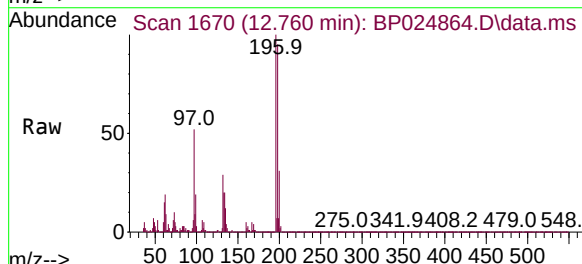
Ion Ratio Lower Upper

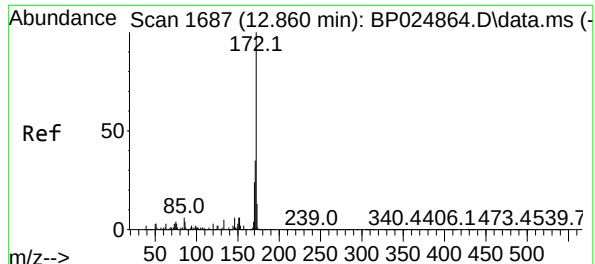
196 100

198 95.0 76.0 114.0

97 51.9 41.5 62.3

132 28.9 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 74.904 ng

RT: 12.860 min Scan# 1687

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

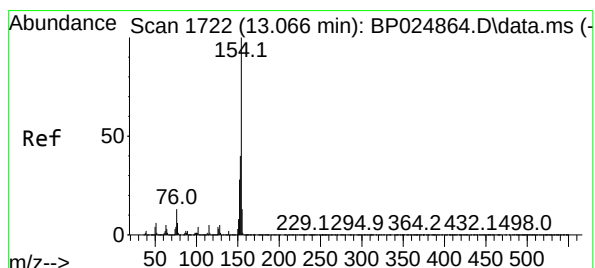
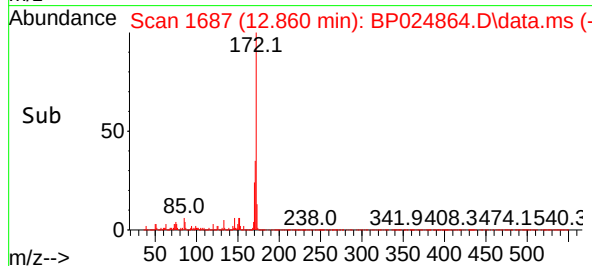
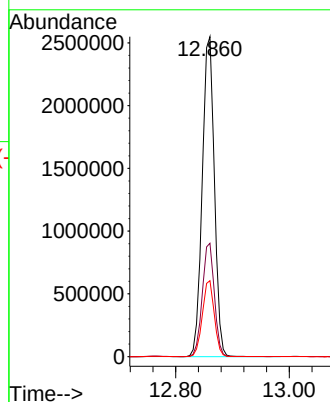
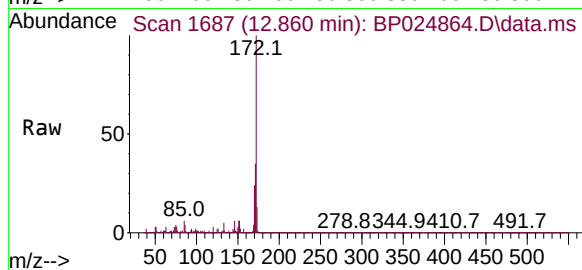
Tgt Ion:172 Resp: 3776115

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.7 19.0 28.4



#46

1,1'-Biphenyl

Concen: 38.137 ng

RT: 13.066 min Scan# 1722

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

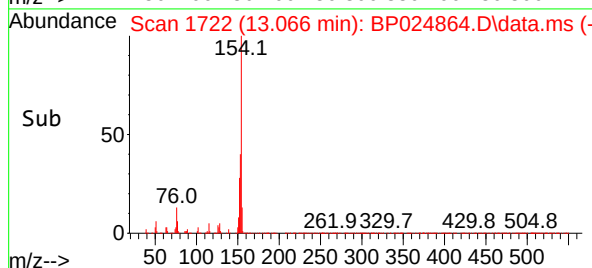
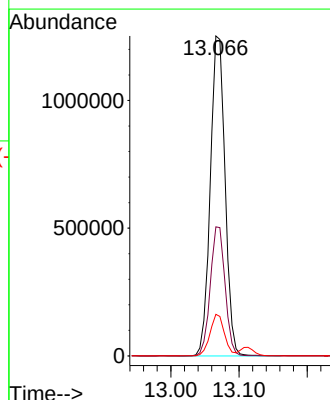
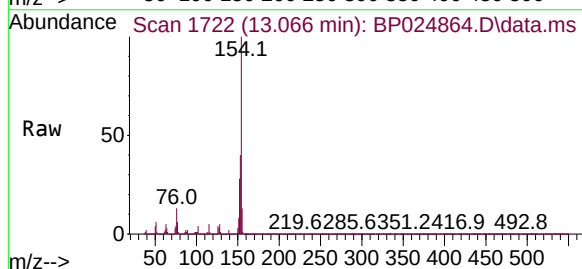
Tgt Ion:154 Resp: 1882196

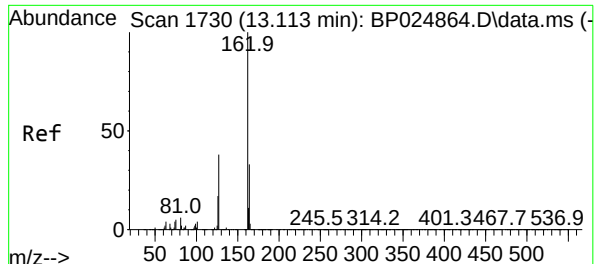
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

76 13.0 0.0 33.0





#47

2-Chloronaphthalene

Concen: 38.270 ng

RT: 13.113 min Scan# 1730

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

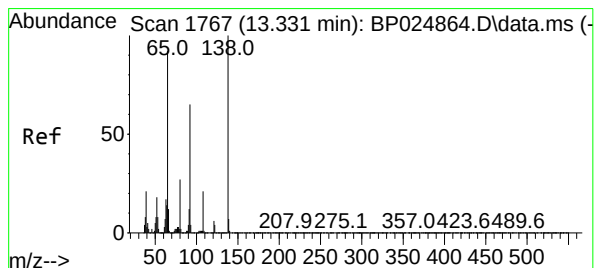
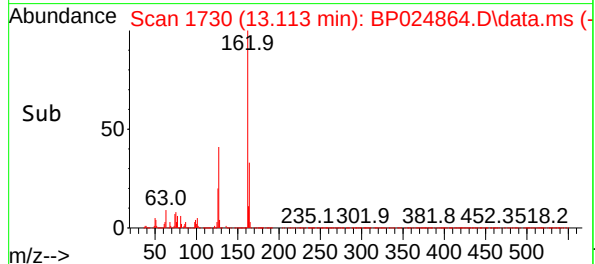
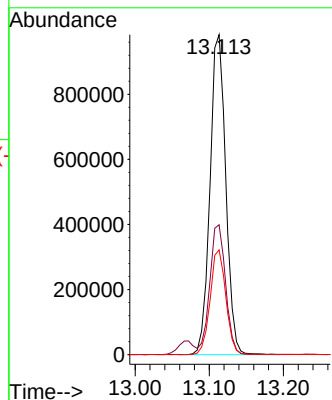
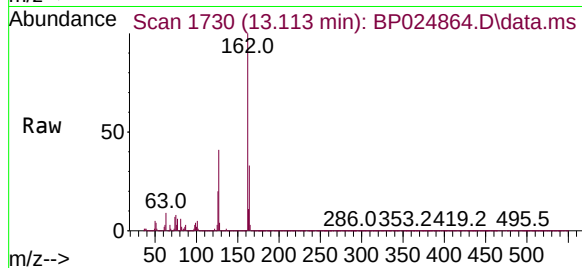
Tgt Ion:162 Resp: 1451679

Ion Ratio Lower Upper

162 100

127 40.6 32.5 48.7

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 40.328 ng

RT: 13.331 min Scan# 1767

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

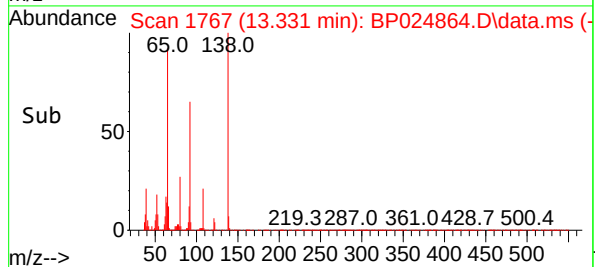
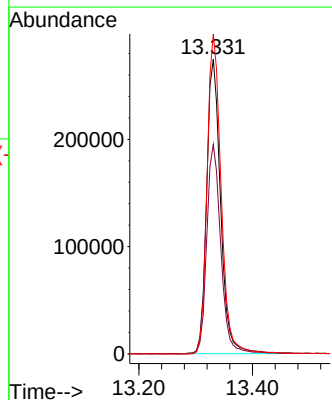
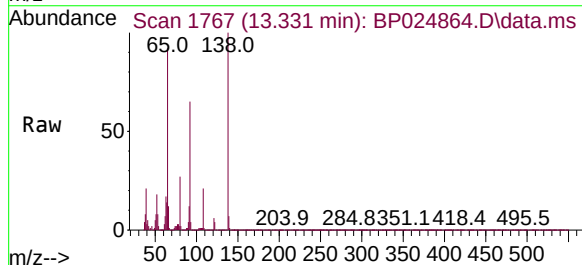
Tgt Ion: 65 Resp: 470289

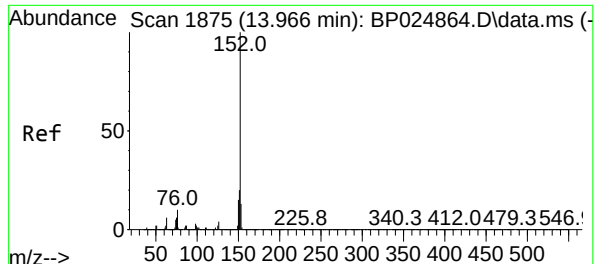
Ion Ratio Lower Upper

65 100

92 71.0 56.8 85.2

138 108.6 86.9 130.3

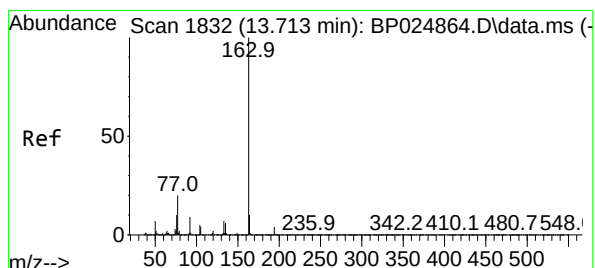
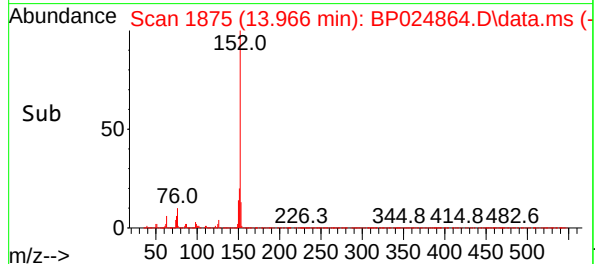
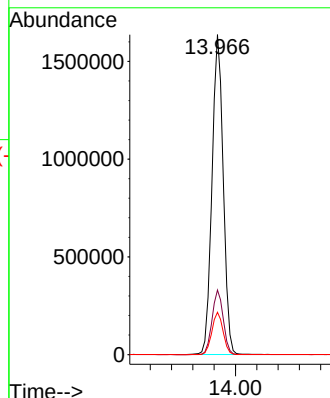
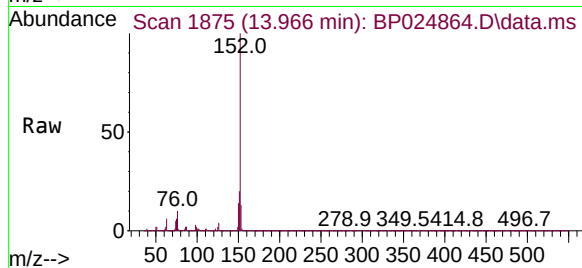




#49
Acenaphthylene
Concen: 37.959 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

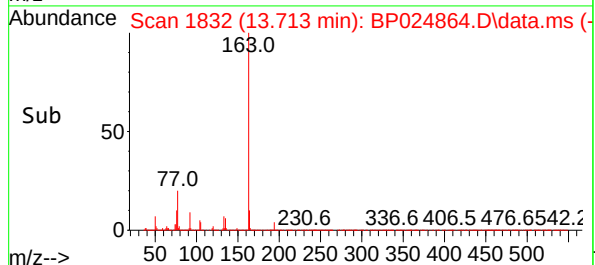
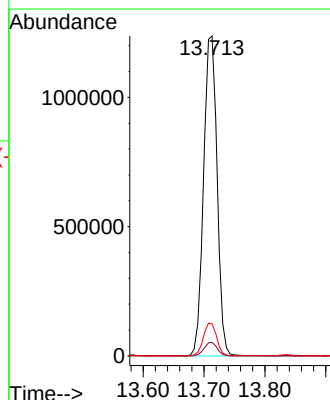
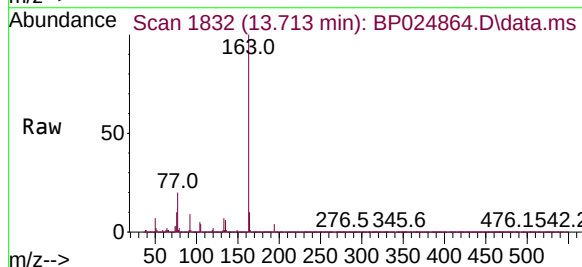
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

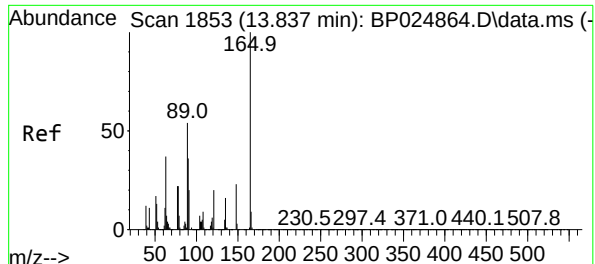
Tgt Ion:152 Resp: 2400804
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 37.969 ng
RT: 13.713 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:163 Resp: 1902136
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.0 8.0 12.0

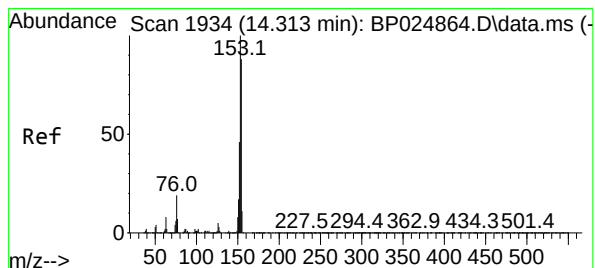
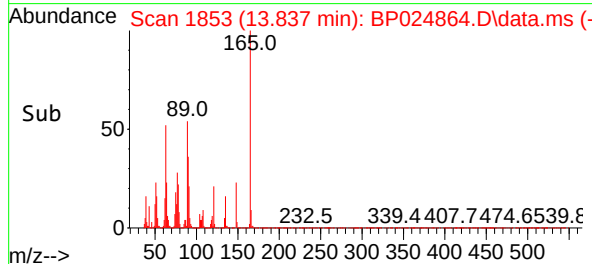
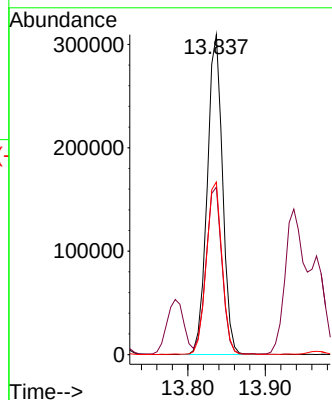
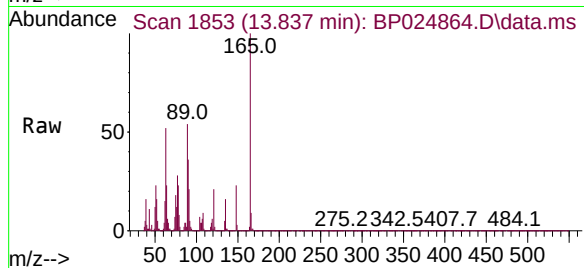




#51
2,6-Dinitrotoluene
Concen: 39.280 ng
RT: 13.837 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

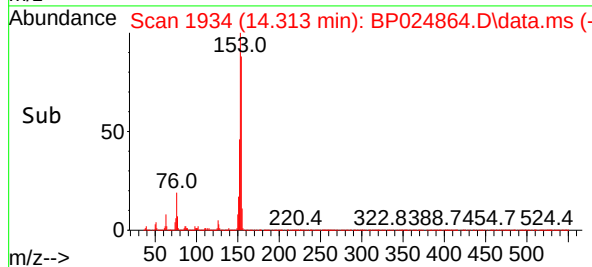
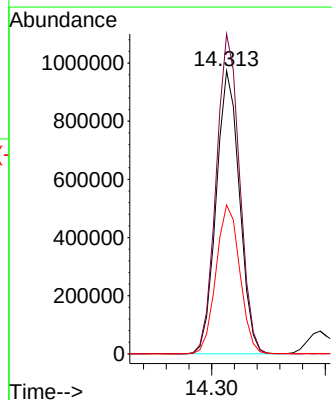
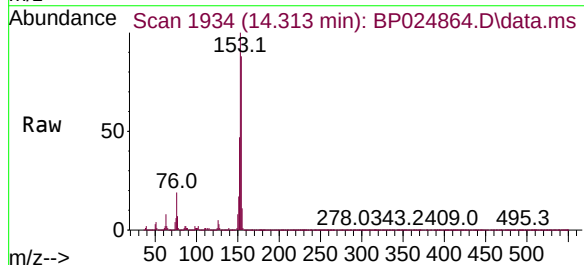
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

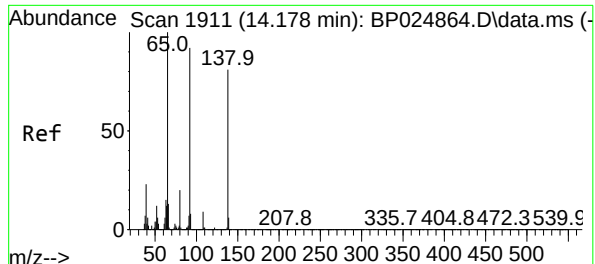
Tgt Ion:165 Resp: 424228
Ion Ratio Lower Upper
165 100
63 52.3 41.8 62.8
89 53.9 43.1 64.7



#52
Acenaphthene
Concen: 38.243 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:154 Resp: 1386007
Ion Ratio Lower Upper
154 100
153 113.1 90.5 135.7
152 52.6 42.1 63.1

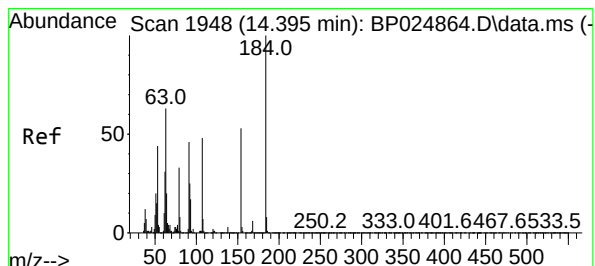
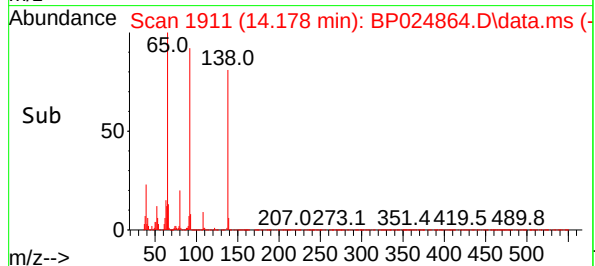
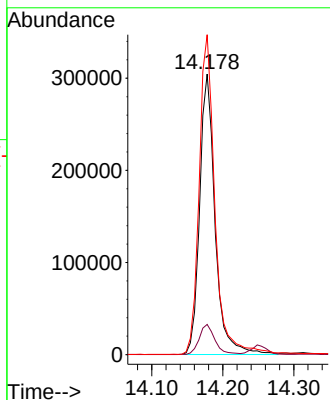
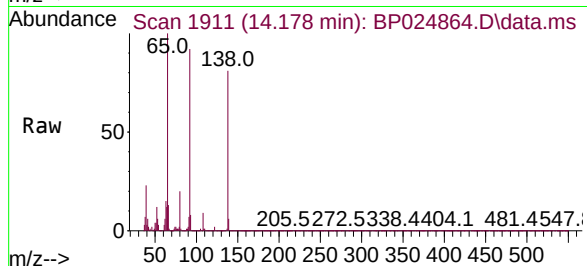




#53
3-Nitroaniline
Concen: 40.971 ng
RT: 14.178 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

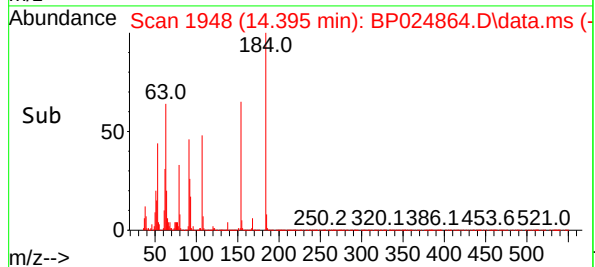
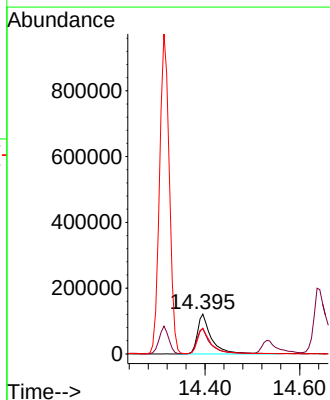
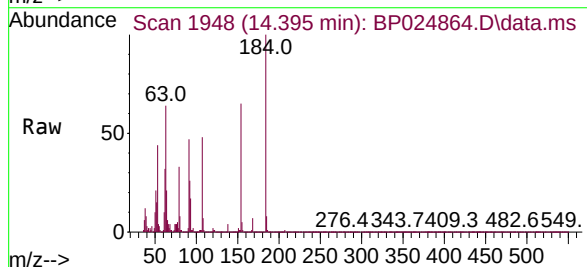
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

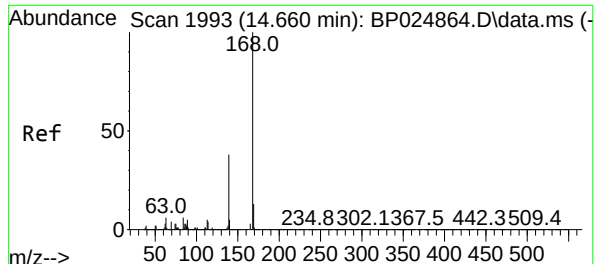
Tgt Ion:138 Resp: 459200
Ion Ratio Lower Upper
138 100
108 10.7 8.6 12.8
92 114.1 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 37.658 ng
RT: 14.395 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:184 Resp: 242575
Ion Ratio Lower Upper
184 100
63 63.7 51.0 76.4
154 64.6 51.7 77.5

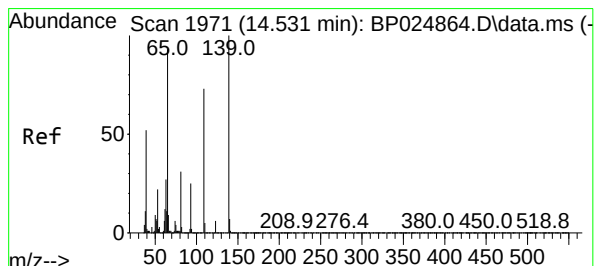
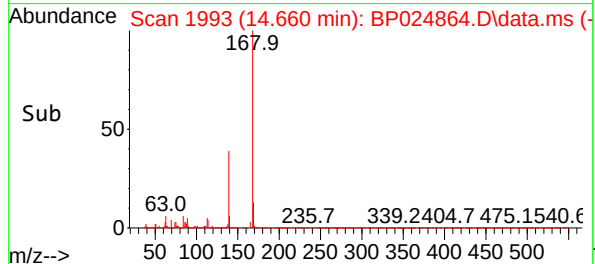
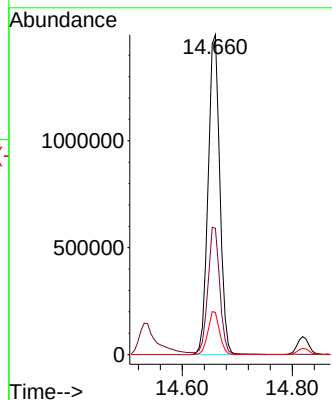
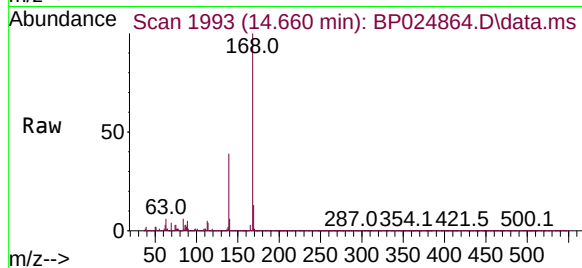




#55
Dibenzenofuran
Concen: 37.980 ng
RT: 14.660 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

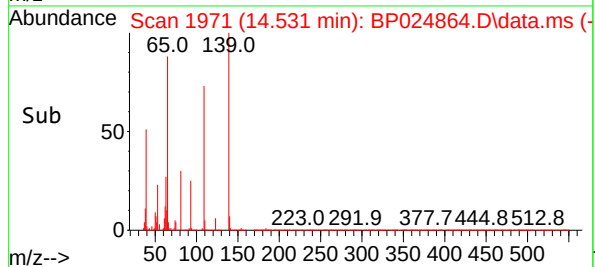
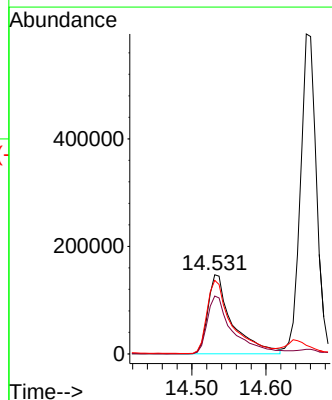
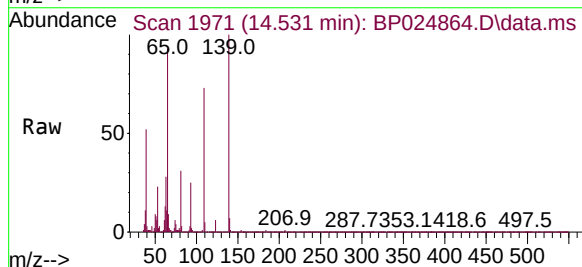
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

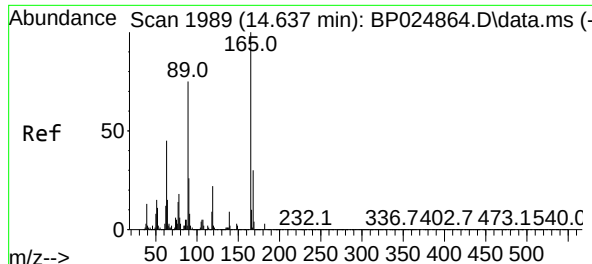
Tgt Ion:168 Resp: 2209494
Ion Ratio Lower Upper
168 100
139 39.5 31.6 47.4
169 13.2 10.6 15.8



#56
4-Nitrophenol
Concen: 38.472 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:139 Resp: 336462
Ion Ratio Lower Upper
139 100
109 73.1 53.1 93.1
65 93.0 73.0 113.0

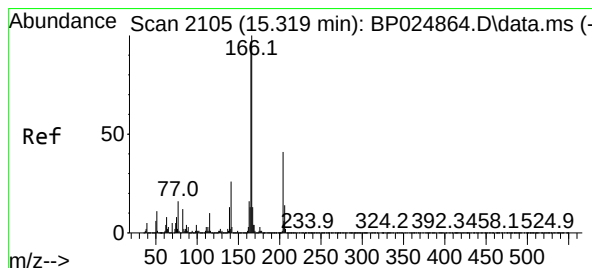
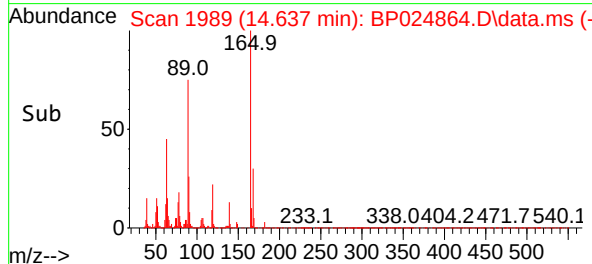
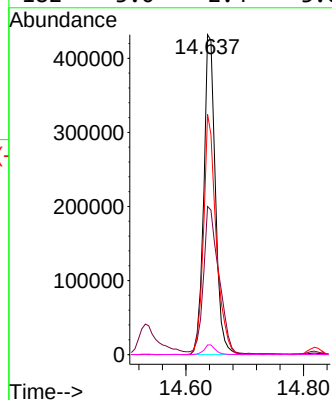
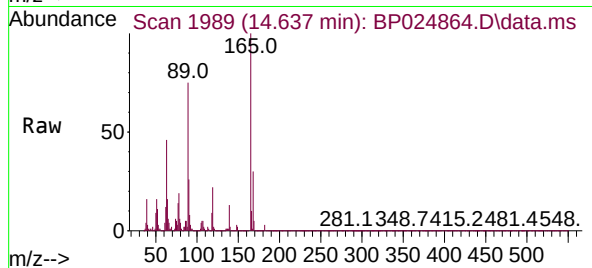




#57
2,4-Dinitrotoluene
Concen: 39.287 ng
RT: 14.637 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

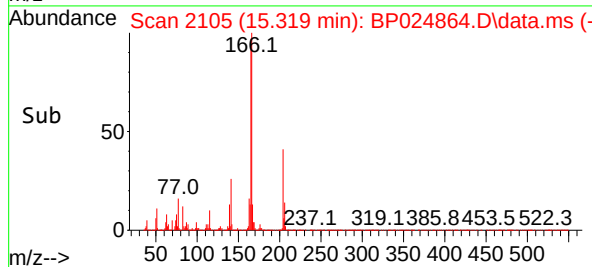
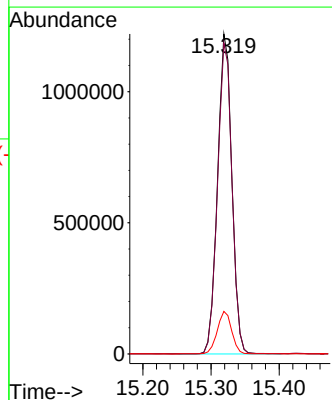
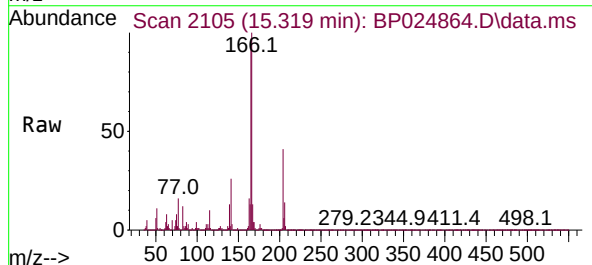
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

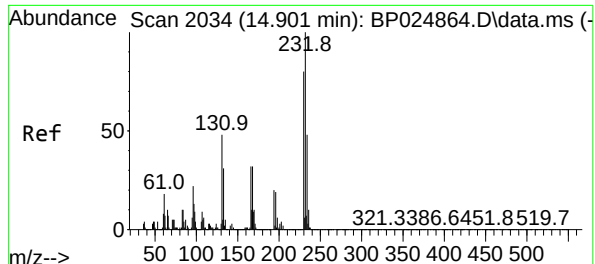
Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.3	37.0	55.6
89	75.1	60.1	90.1
182	3.0	2.4	3.6



#58
Fluorene
Concen: 37.692 ng
RT: 15.319 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.7	116.5
167	13.3	10.6	16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.773 ng

RT: 14.901 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 480983

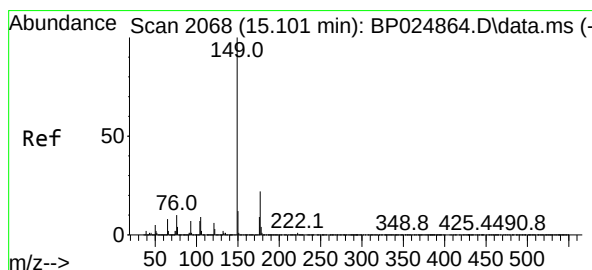
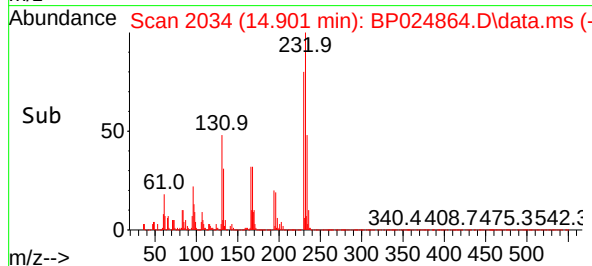
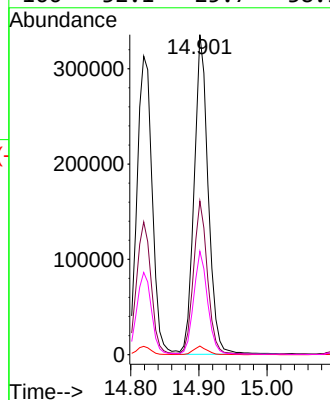
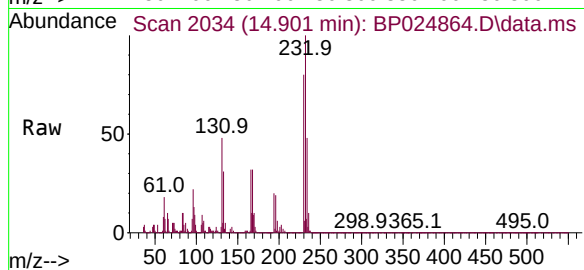
Ion Ratio Lower Upper

232 100

131 47.7 38.2 57.2

130 2.6 2.1 3.1

166 32.1 25.7 38.5



#60

Diethylphthalate

Concen: 37.885 ng

RT: 15.101 min Scan# 2068

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

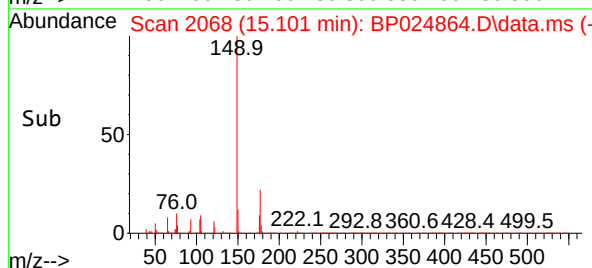
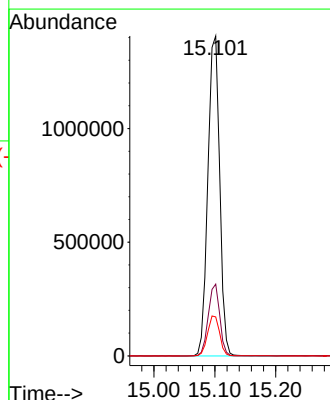
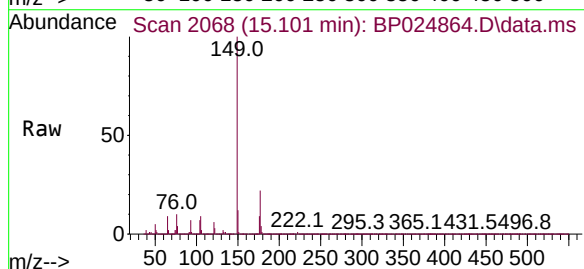
Tgt Ion:149 Resp: 1891525

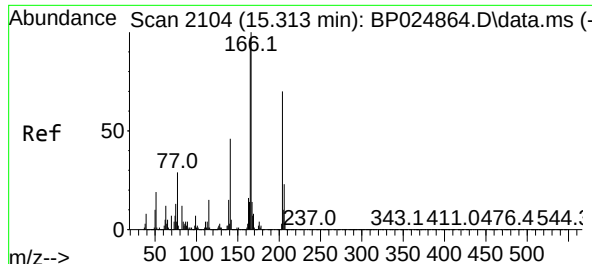
Ion Ratio Lower Upper

149 100

177 22.4 17.9 26.9

150 12.2 9.8 14.6

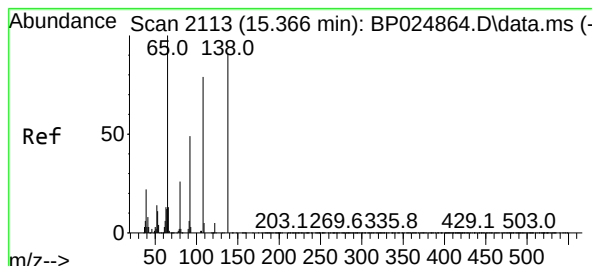
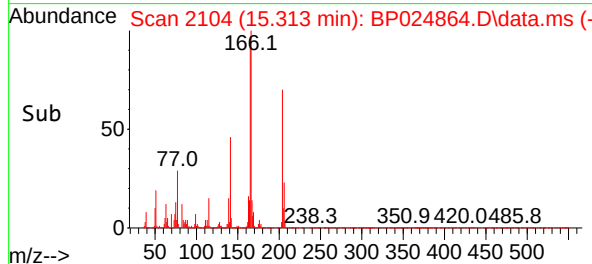
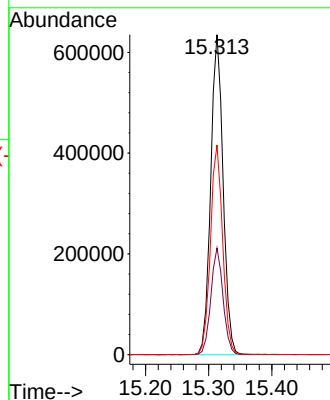
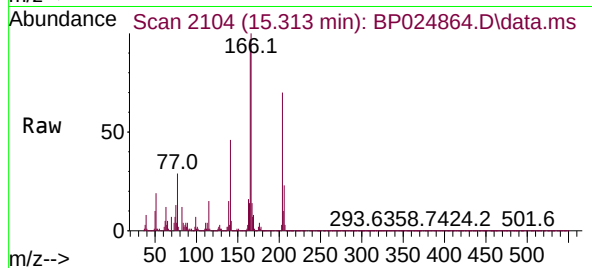




#61
4-Chlorophenyl-phenylether
Concen: 37.629 ng
RT: 15.313 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

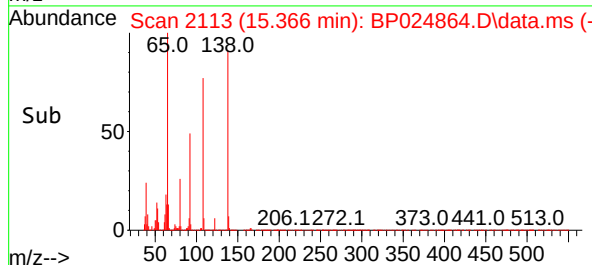
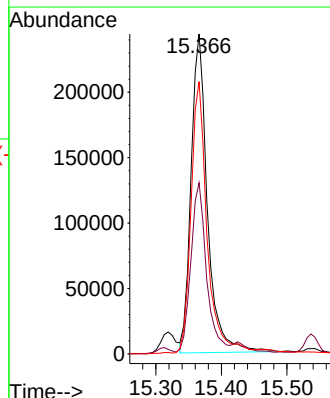
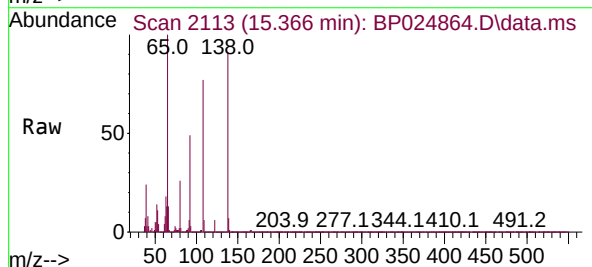
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

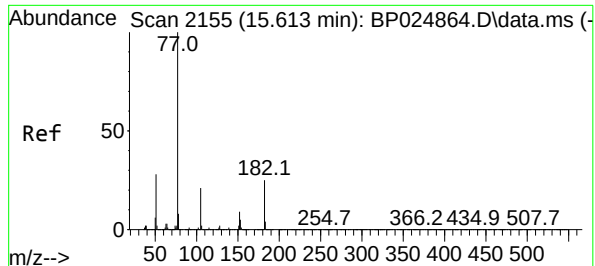
Tgt Ion:204 Resp: 864669
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 65.5 52.4 78.6



#62
4-Nitroaniline
Concen: 41.533 ng
RT: 15.366 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:138 Resp: 422311
Ion Ratio Lower Upper
138 100
92 53.5 33.5 73.5
108 85.1 65.1 105.1

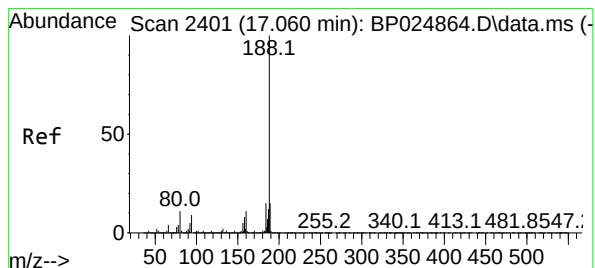
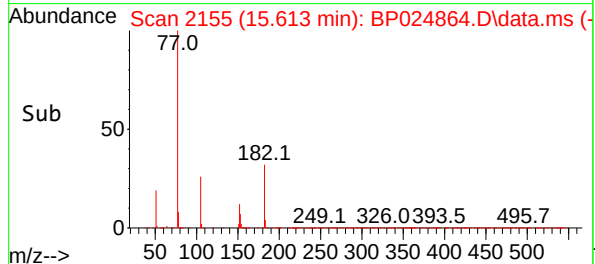
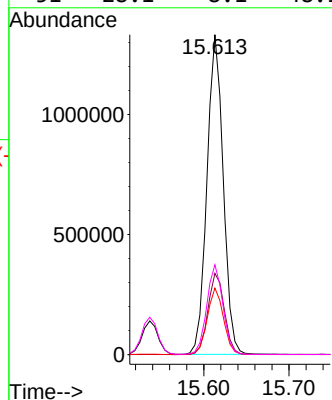
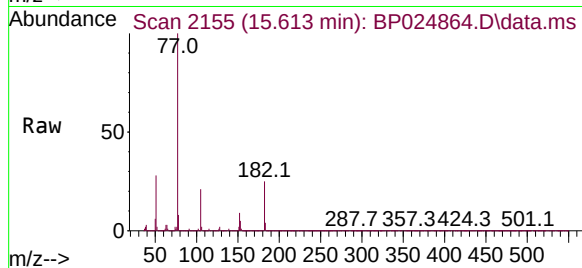




#63
Azobenzene
Concen: 38.557 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

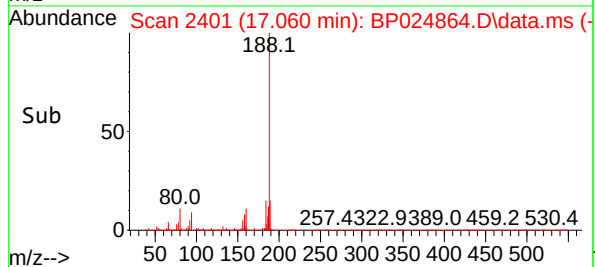
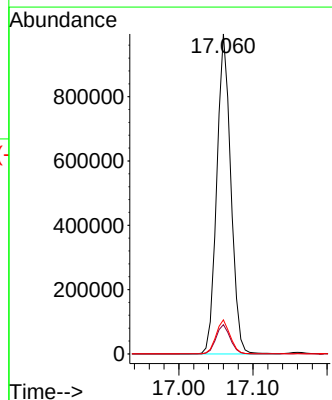
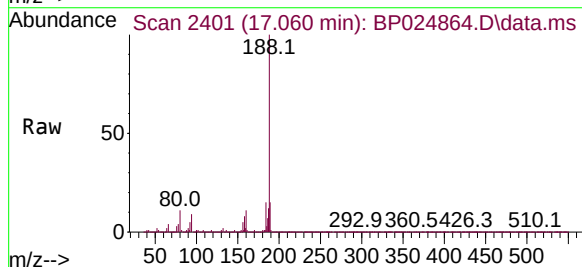
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

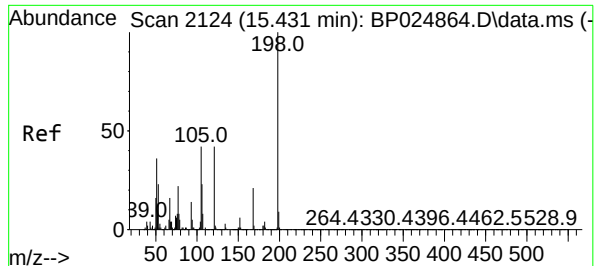
Tgt Ion: 77 Resp: 1765553
Ion Ratio Lower Upper
77 100
182 25.4 5.4 45.4
105 20.8 0.8 40.8
51 28.1 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion: 188 Resp: 1306481
Ion Ratio Lower Upper
188 100
94 9.1 7.3 10.9
80 10.6 8.5 12.7





#65

4,6-Dinitro-2-methylphenol

Concen: 39.602 ng

RT: 15.431 min Scan# 2124

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

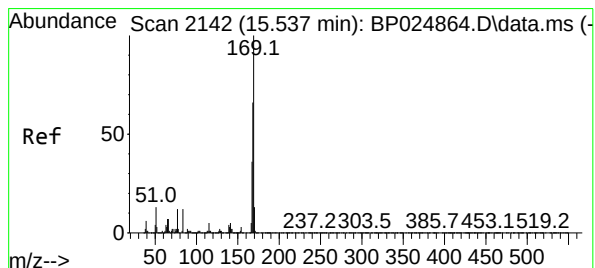
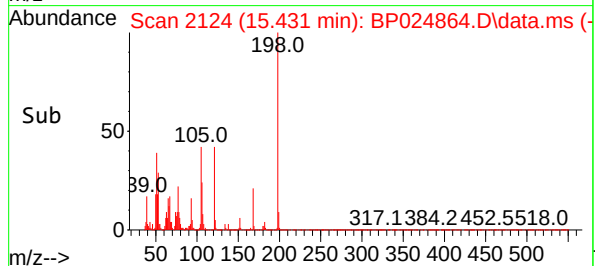
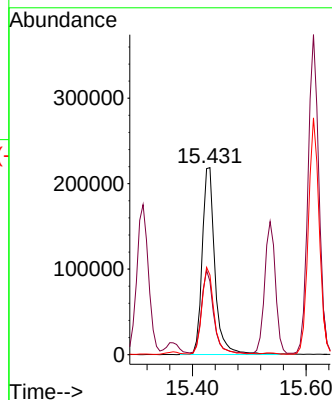
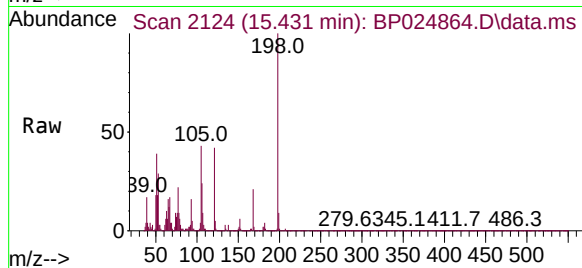
Tgt Ion:198 Resp: 339975

Ion Ratio Lower Upper

198 100

51 39.2 19.2 59.2

105 42.6 22.6 62.6



#66

n-Nitrosodiphenylamine

Concen: 38.517 ng

RT: 15.537 min Scan# 2142

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

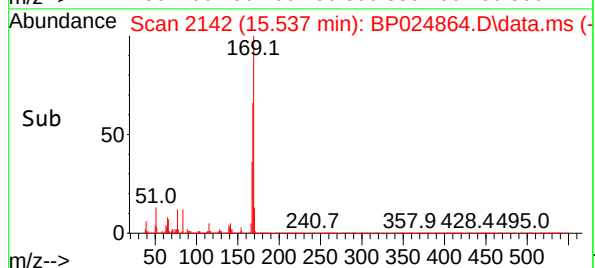
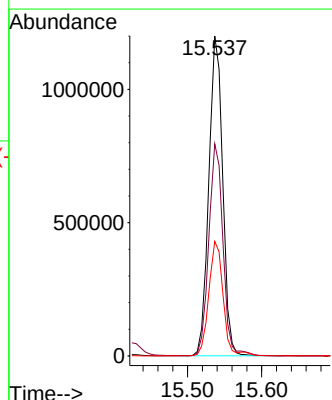
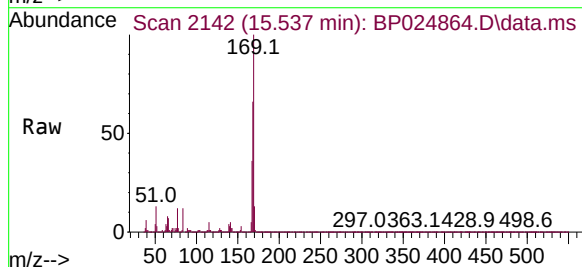
Tgt Ion:169 Resp: 1559739

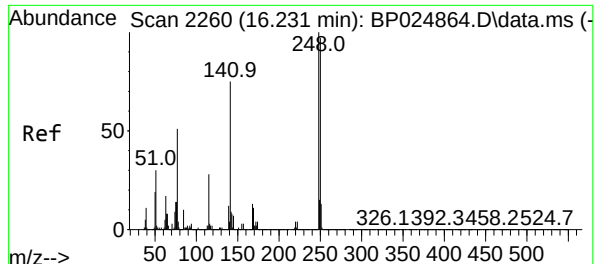
Ion Ratio Lower Upper

169 100

168 66.3 53.0 79.6

167 35.8 28.6 43.0

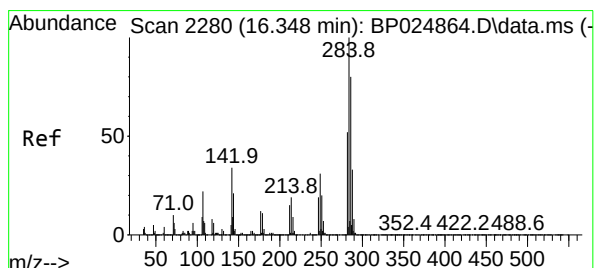
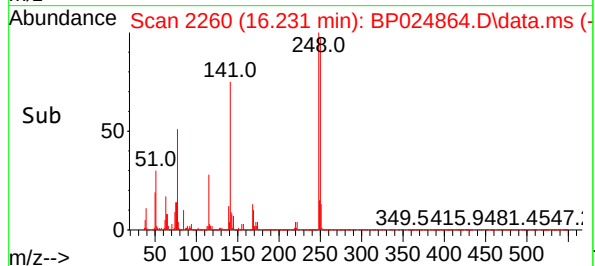
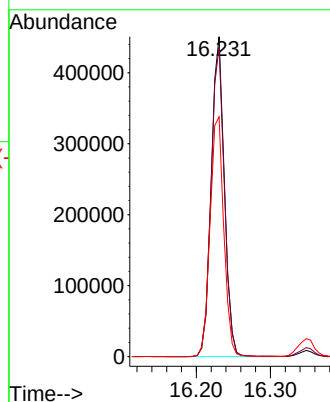
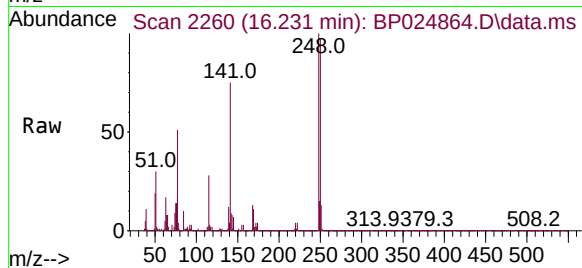




#67
4-Bromophenyl-phenylether
Concen: 37.758 ng
RT: 16.231 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

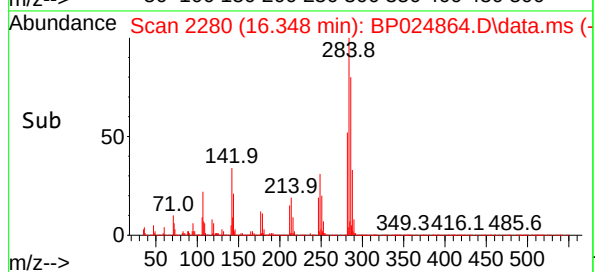
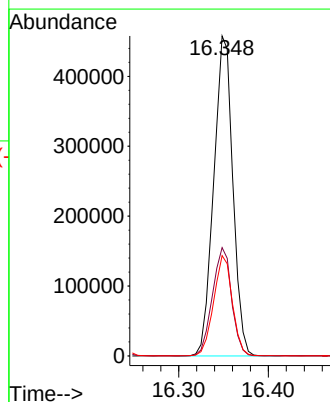
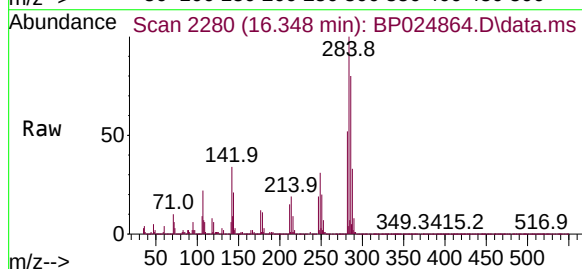
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

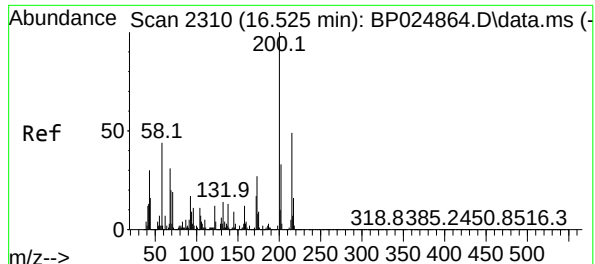
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.4	116.2
141	74.9	59.9	89.9



#68
Hexachlorobenzene
Concen: 38.085 ng
RT: 16.348 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	27.0	40.6
249	31.3	25.0	37.6

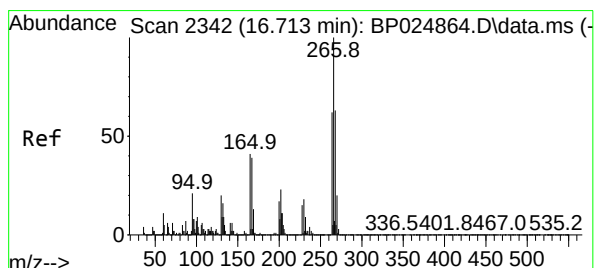
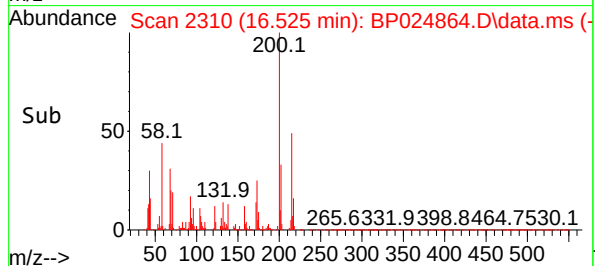
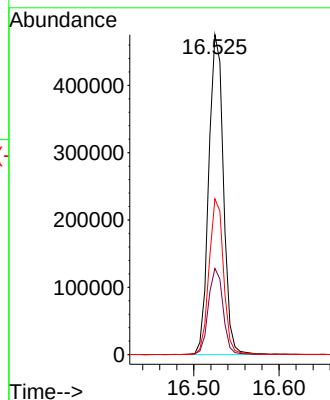
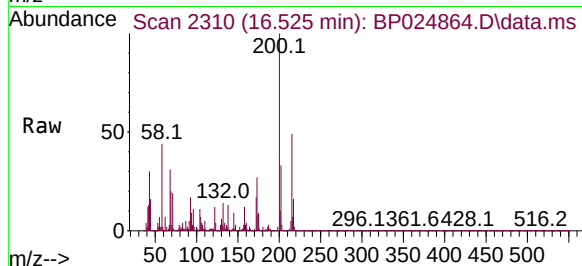




#69
Atrazine
Concen: 38.691 ng
RT: 16.525 min Scan# 2310
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

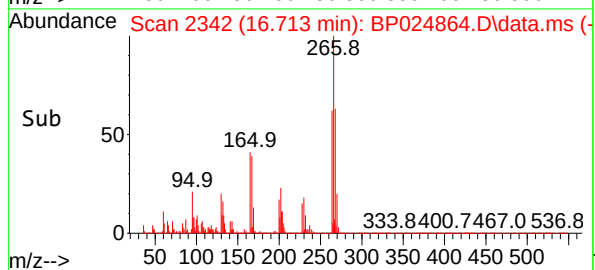
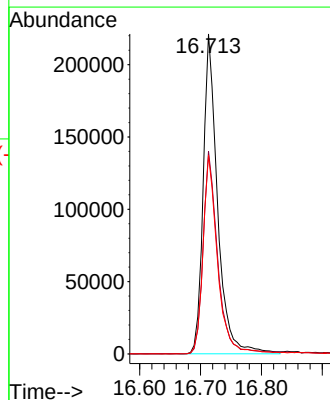
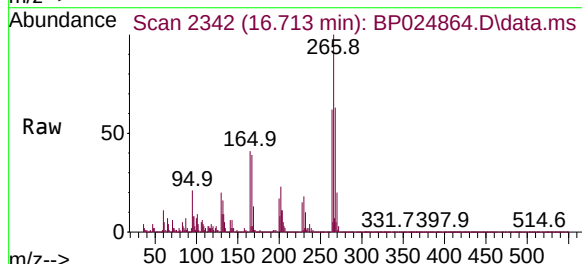
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

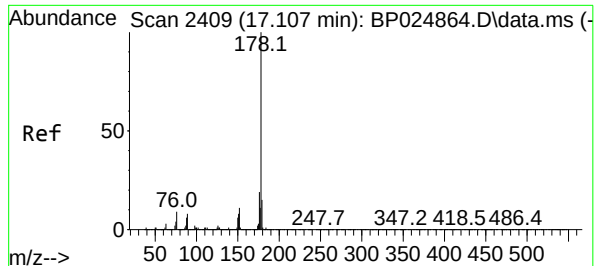
Tgt Ion:200 Resp: 567988
Ion Ratio Lower Upper
200 100
173 26.9 6.9 46.9
215 48.7 28.7 68.7



#70
Pentachlorophenol
Concen: 39.157 ng
RT: 16.713 min Scan# 2342
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:266 Resp: 362165
Ion Ratio Lower Upper
266 100
268 63.3 50.6 76.0
264 62.1 49.7 74.5

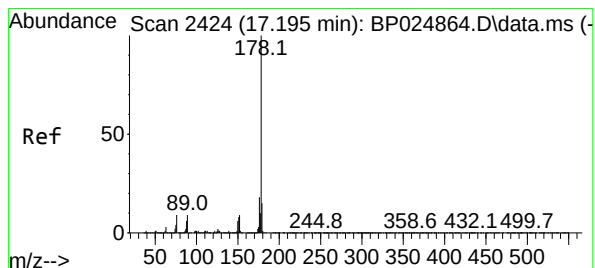
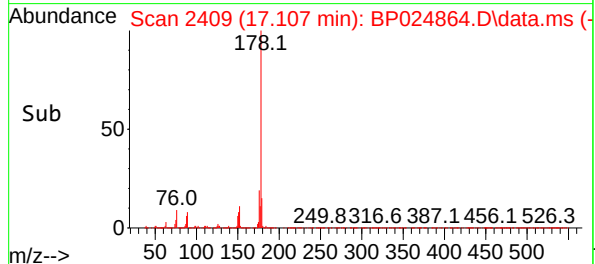
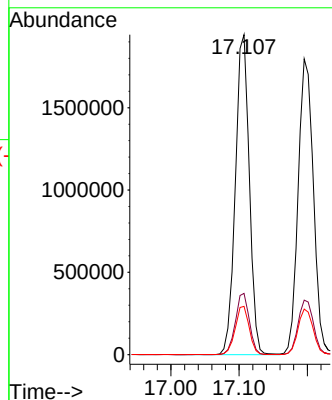
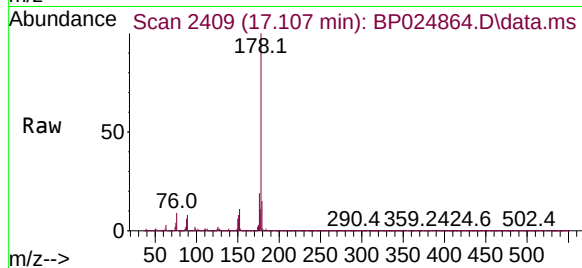




#71
Phenanthrene
Concen: 38.231 ng
RT: 17.107 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

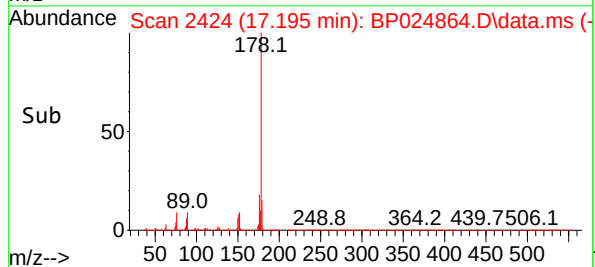
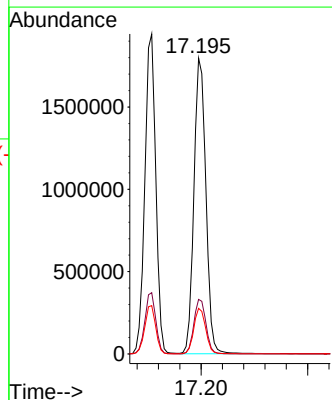
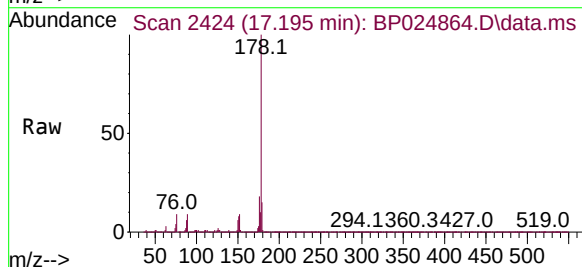
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

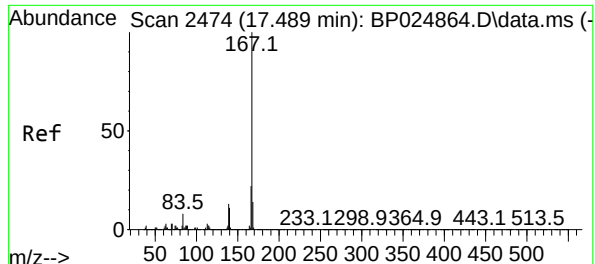
Tgt Ion:178 Resp: 2760162
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.1 12.1 18.1



#72
Anthracene
Concen: 38.291 ng
RT: 17.195 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:178 Resp: 2799870
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.4 12.3 18.5

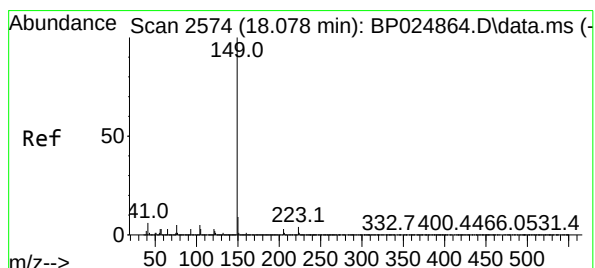
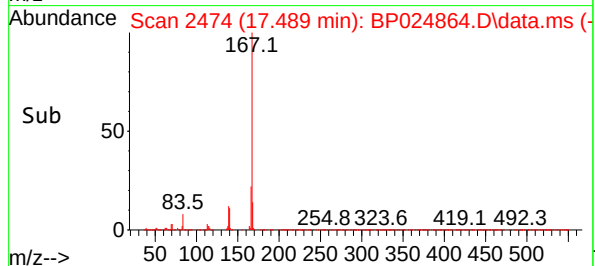
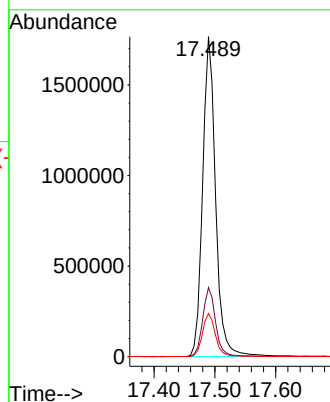
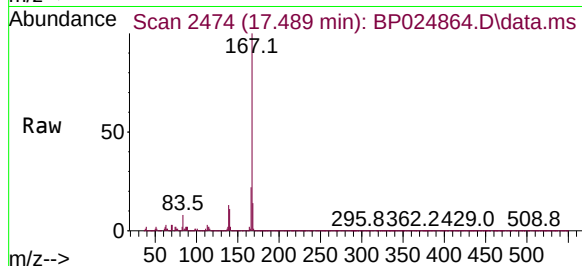




#73
Carbazole
Concen: 38.474 ng
RT: 17.489 min Scan# 2474
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

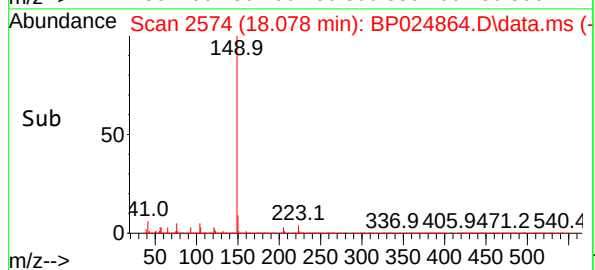
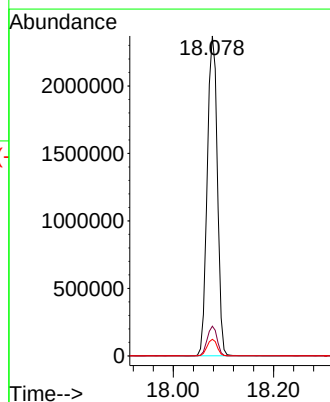
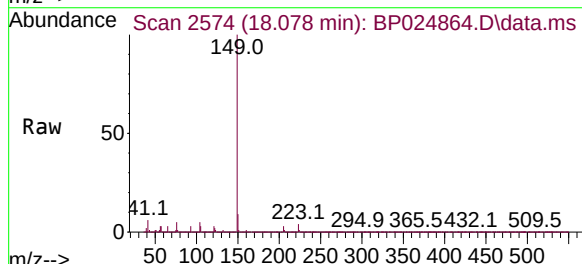
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

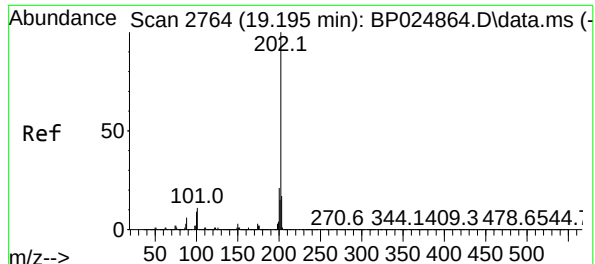
Tgt Ion:167 Resp: 2607544
Ion Ratio Lower Upper
167 100
166 21.6 17.3 25.9
139 13.5 10.8 16.2



#74
Di-n-butylphthalate
Concen: 39.589 ng
RT: 18.078 min Scan# 2574
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:149 Resp: 3324411
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 5.2 4.2 6.2

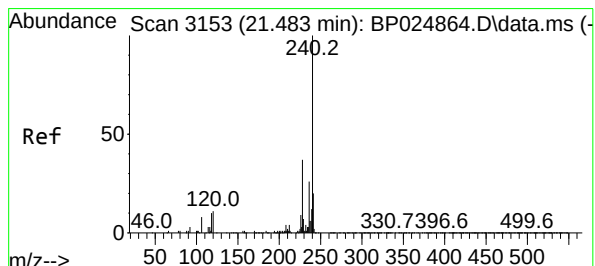
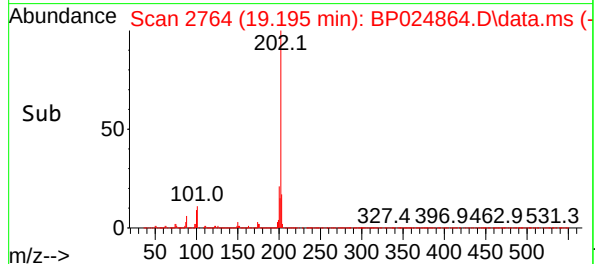
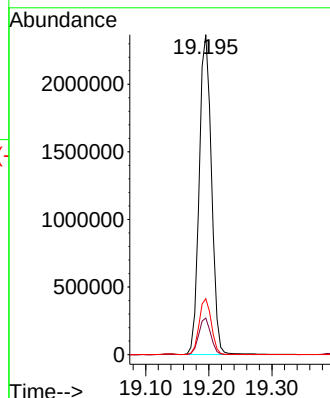
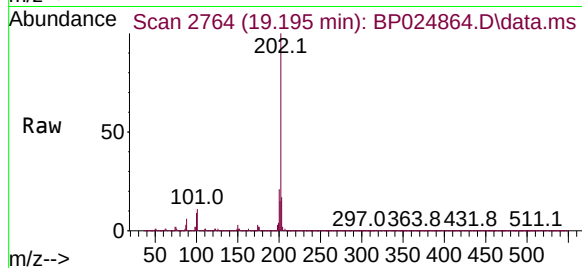




#75
Fluoranthene
Concen: 38.177 ng
RT: 19.195 min Scan# 2764
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

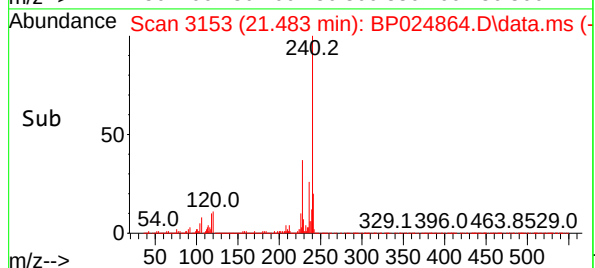
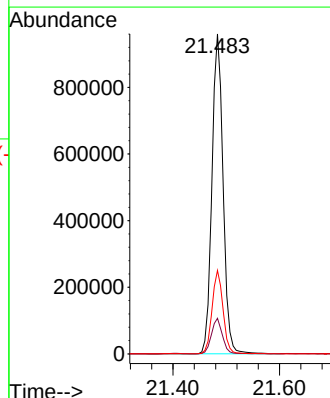
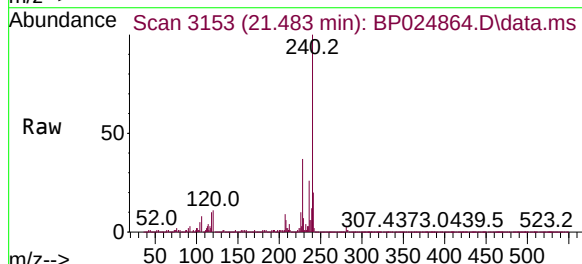
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

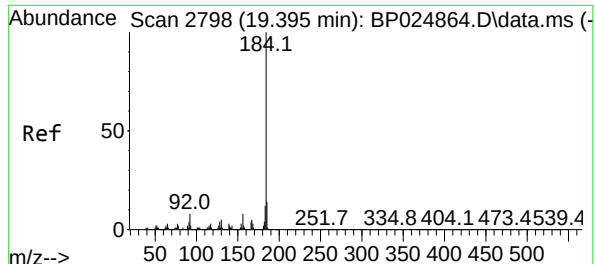
Tgt Ion:202 Resp: 3194654
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:240 Resp: 1397384
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 26.1 20.9 31.3

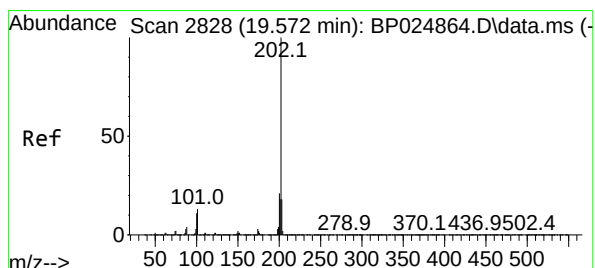
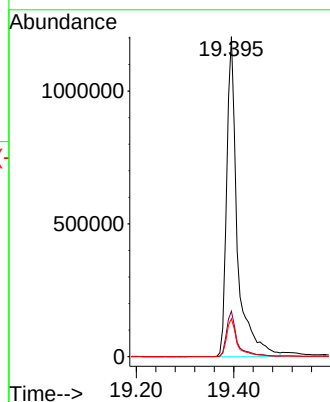
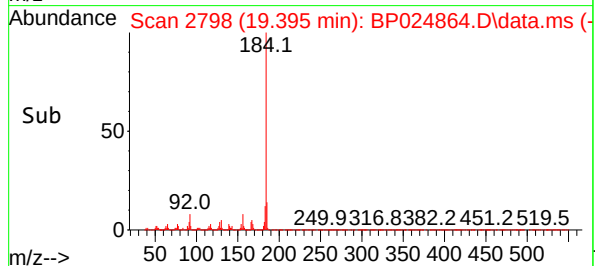
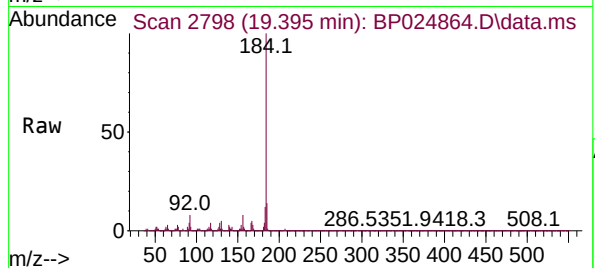




#77
Benzidine
Concen: 42.168 ng
RT: 19.395 min Scan# 2798
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

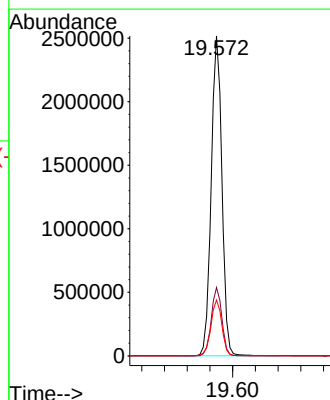
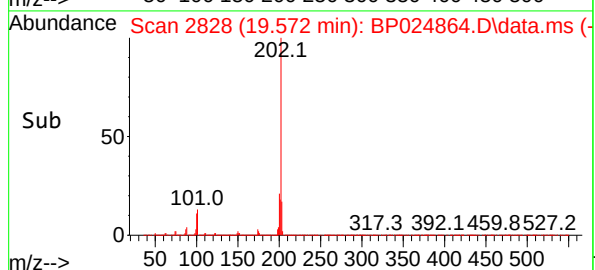
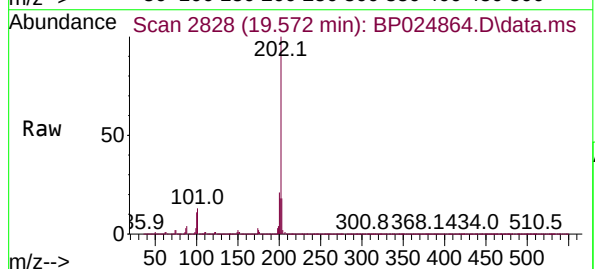
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

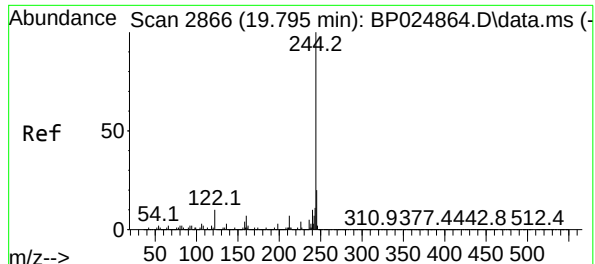
Tgt Ion:184 Resp: 1825007
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.0
183 11.9 9.5 14.3



#78
Pyrene
Concen: 37.906 ng
RT: 19.572 min Scan# 2828
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:202 Resp: 3309259
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.5 14.0 21.0

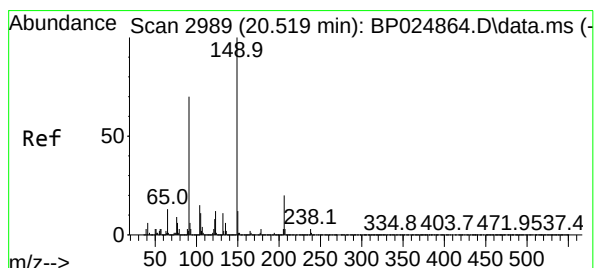
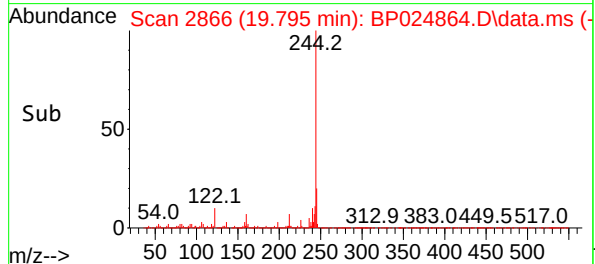
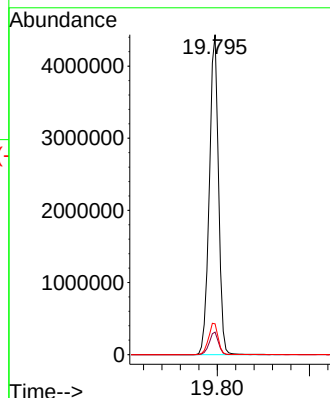
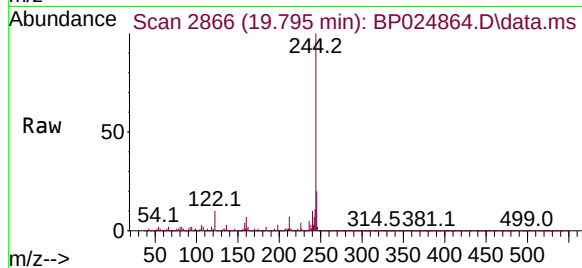




#79
Terphenyl-d14
Concen: 78.103 ng
RT: 19.795 min Scan# 2866
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

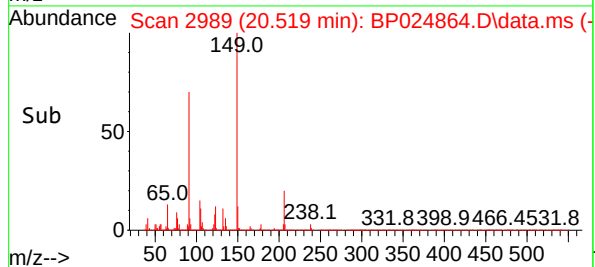
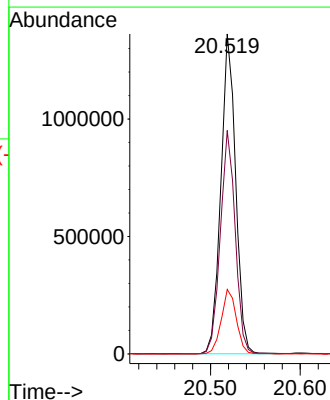
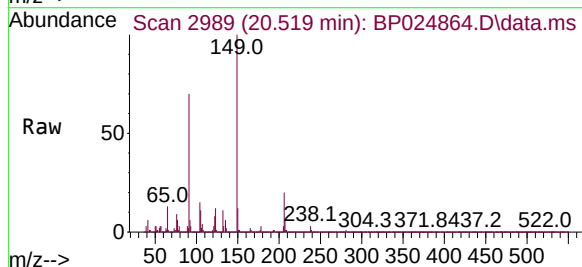
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

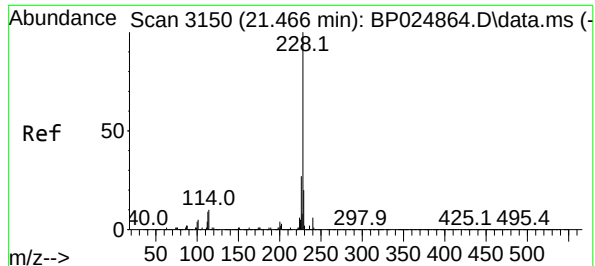
Tgt Ion:244 Resp: 6089552
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 9.6 7.7 11.5



#80
Butylbenzylphthalate
Concen: 39.243 ng
RT: 20.519 min Scan# 2989
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:149 Resp: 1569262
Ion Ratio Lower Upper
149 100
91 69.8 55.8 83.8
206 20.2 16.2 24.2

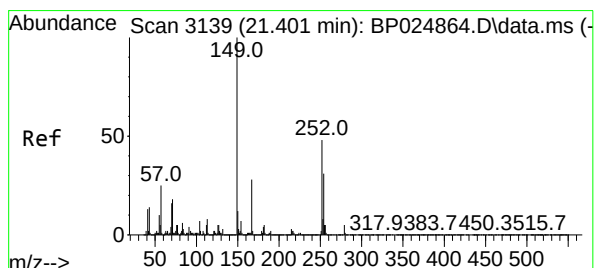
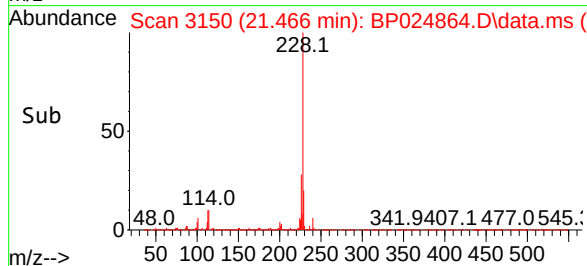
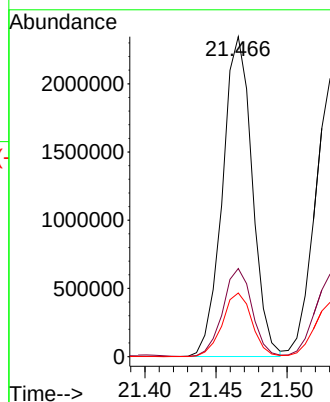
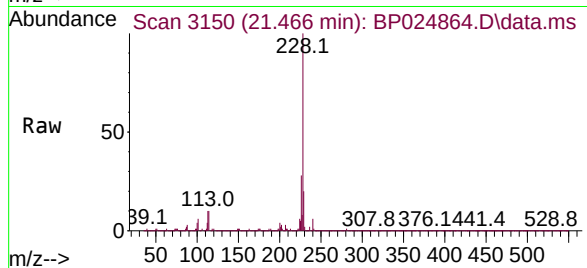




#81
Benzo(a)anthracene
Concen: 38.131 ng
RT: 21.466 min Scan# 3150
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

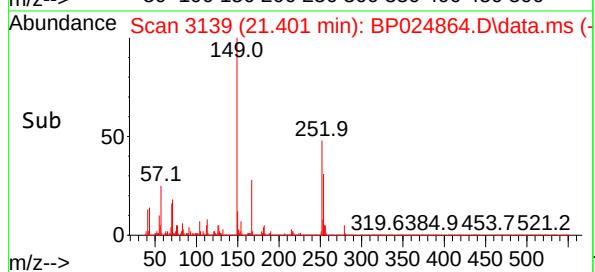
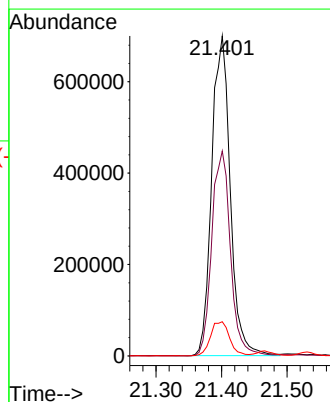
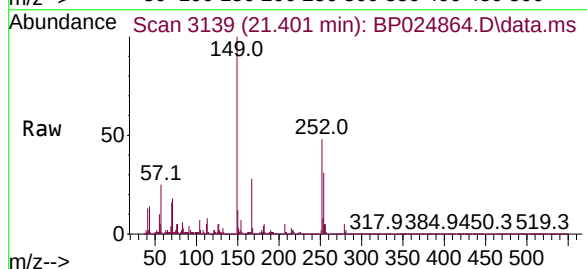
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

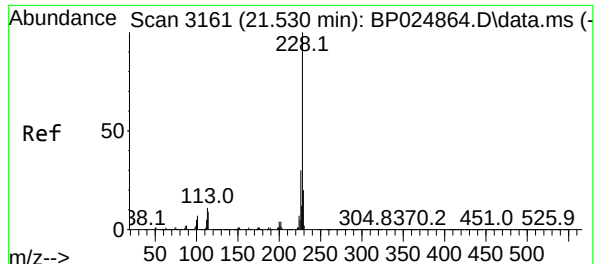
Tgt Ion:228 Resp: 3407877
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.9 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 38.820 ng
RT: 21.401 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:252 Resp: 1377414
Ion Ratio Lower Upper
252 100
254 64.0 51.2 76.8
126 10.7 8.6 12.8





#83

Chrysene

Concen: 37.748 ng

RT: 21.530 min Scan# 3161

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

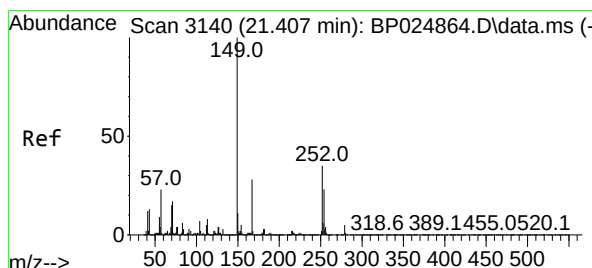
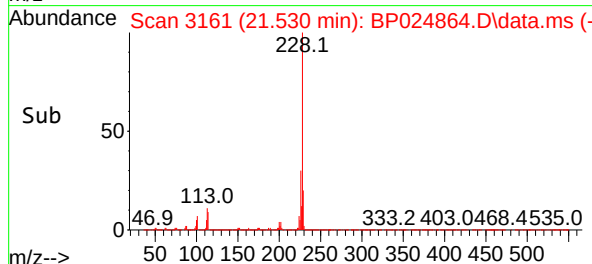
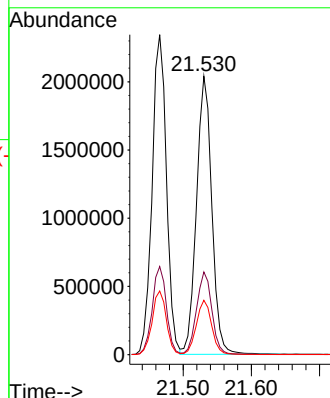
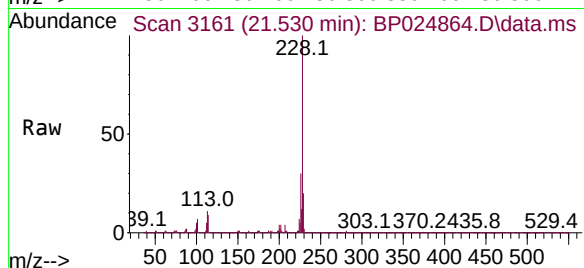
Tgt Ion:228 Resp: 3196624

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.886 ng

RT: 21.407 min Scan# 3140

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

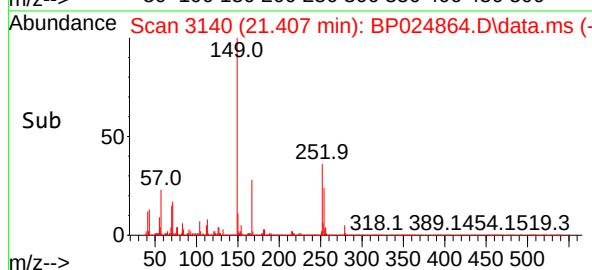
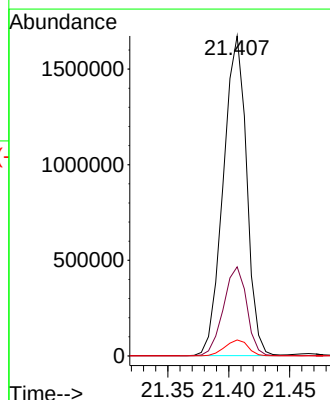
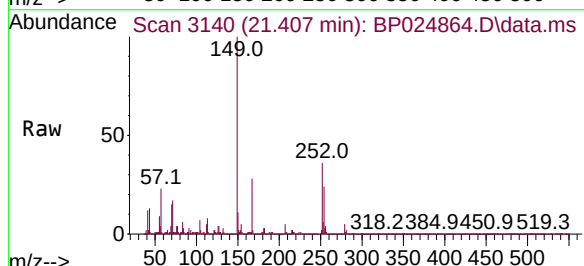
Tgt Ion:149 Resp: 2227904

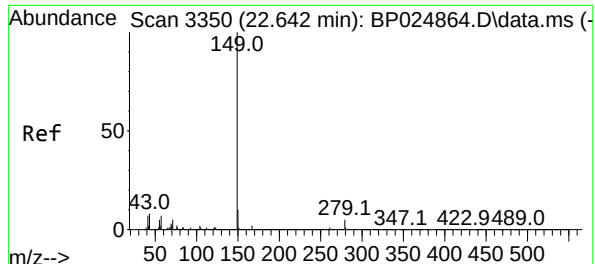
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

279 5.0 4.0 6.0

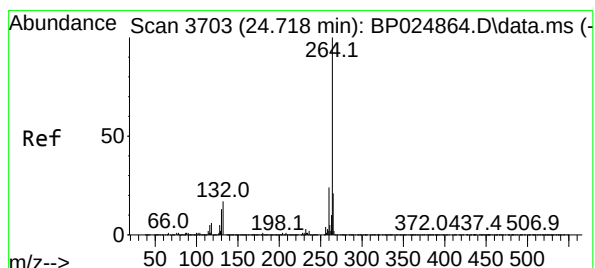
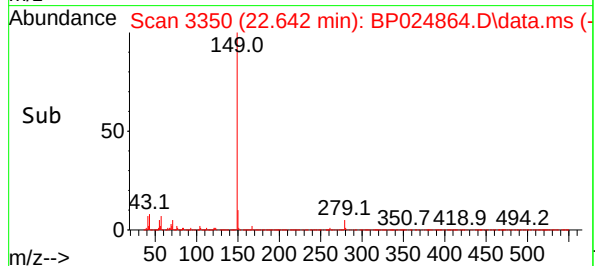
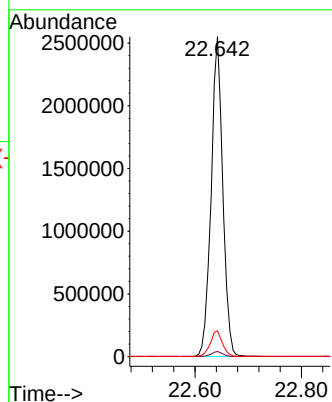
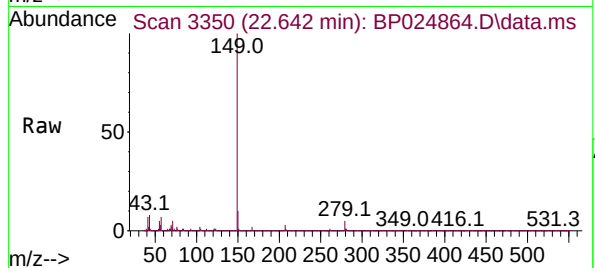




#85
Di-n-octyl phthalate
Concen: 38.306 ng
RT: 22.642 min Scan# 3350
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

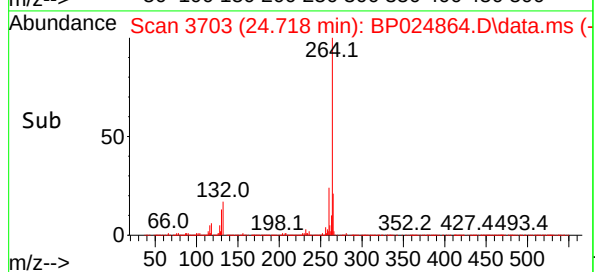
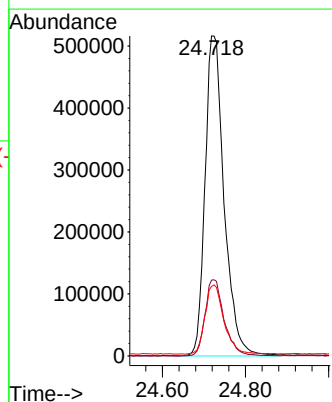
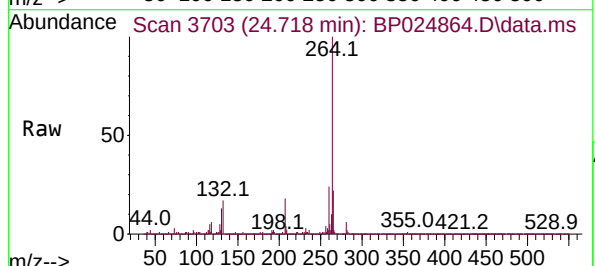
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

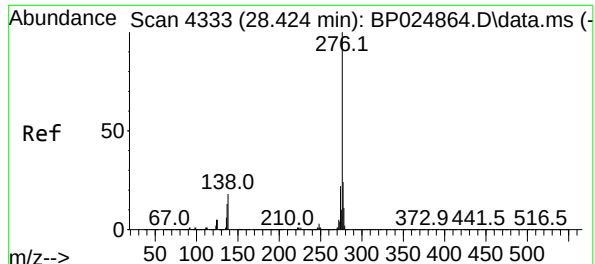
Tgt Ion:149 Resp: 3868411
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.3 6.6 10.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.718 min Scan# 3703
Delta R.T. 0.000 min
Lab File: BP024864.D
Acq: 06 Jun 2025 13:14

Tgt Ion:264 Resp: 1643252
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.704 ng

RT: 28.424 min Scan# 4333

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

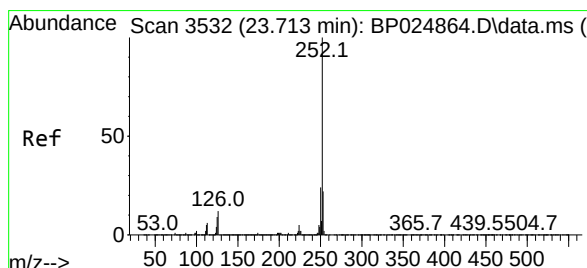
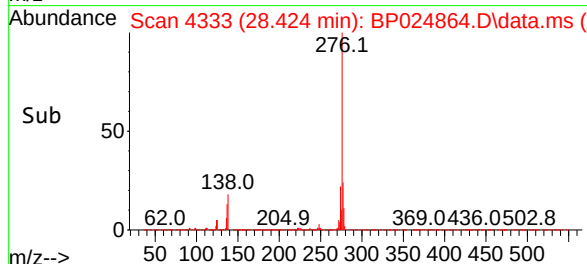
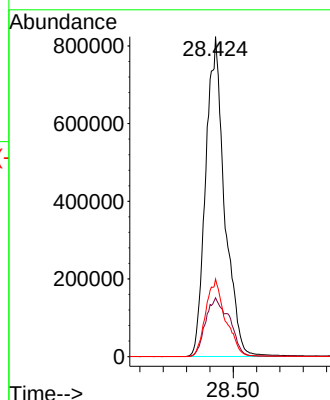
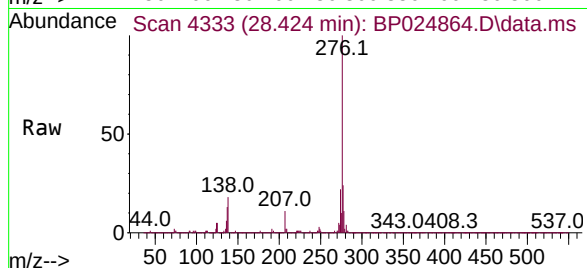
Tgt Ion:276 Resp: 4640451

Ion Ratio Lower Upper

276 100

138 23.2 18.6 27.8

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 39.393 ng

RT: 23.713 min Scan# 3532

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

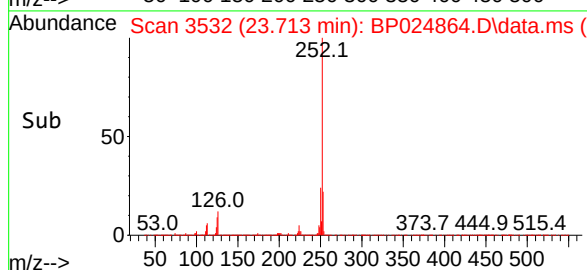
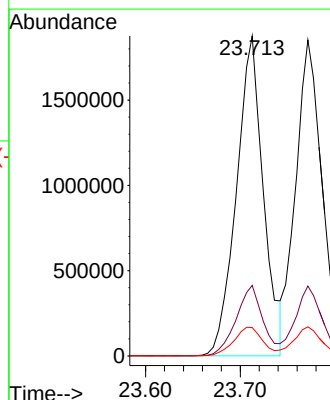
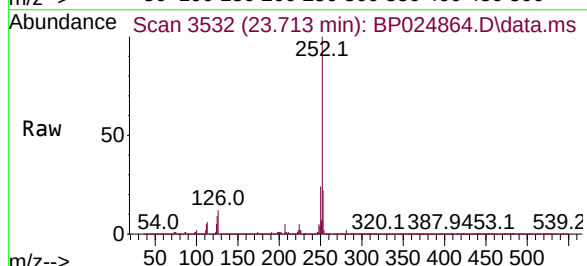
Tgt Ion:252 Resp: 3704546

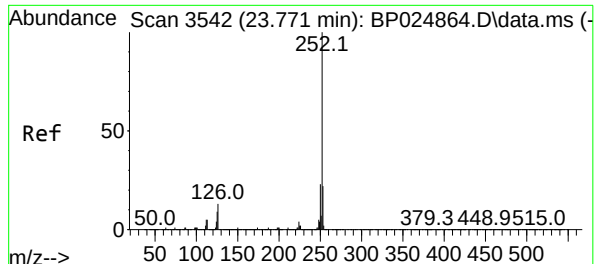
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 8.9 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 37.979 ng

RT: 23.771 min Scan# 3542

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

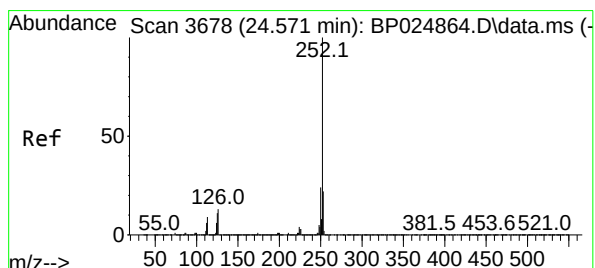
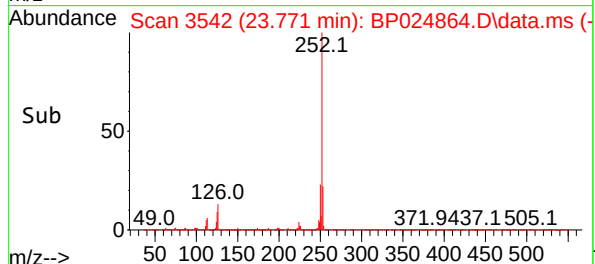
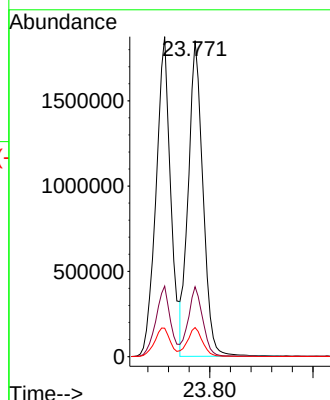
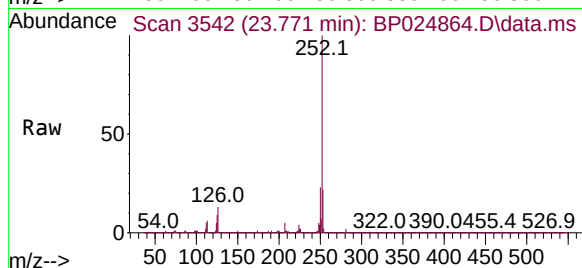
Tgt Ion:252 Resp: 3635617

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.2 7.4 11.0



#90

Benzo(a)pyrene

Concen: 38.291 ng

RT: 24.571 min Scan# 3678

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

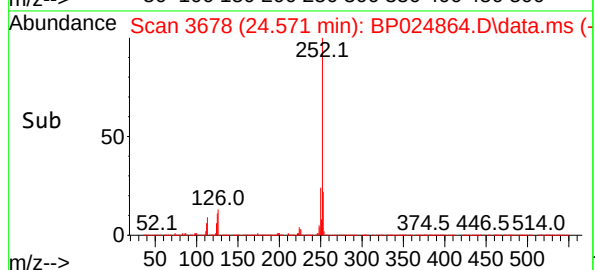
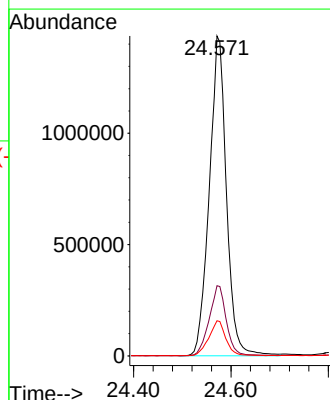
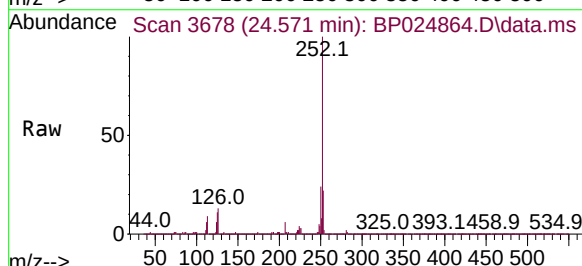
Tgt Ion:252 Resp: 3516755

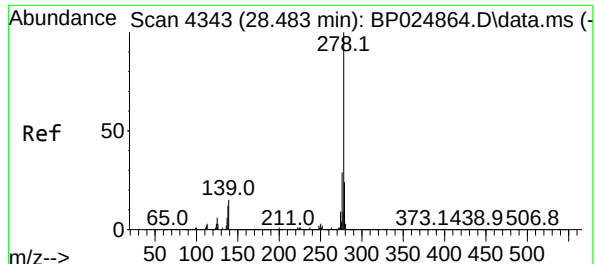
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 11.0 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 38.499 ng

RT: 28.483 min Scan# 4343

Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Instrument :

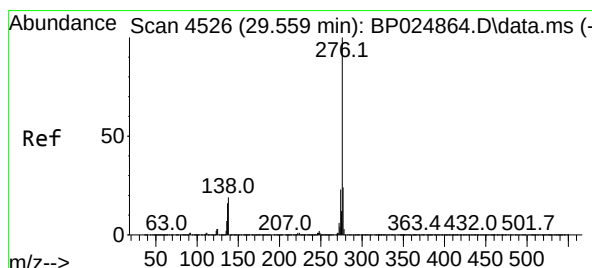
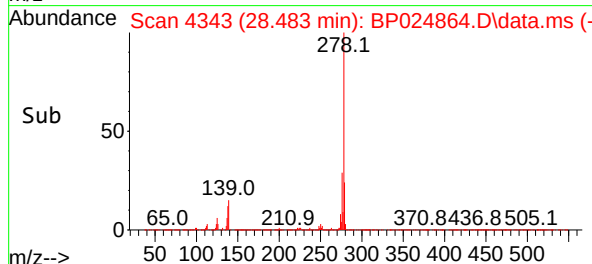
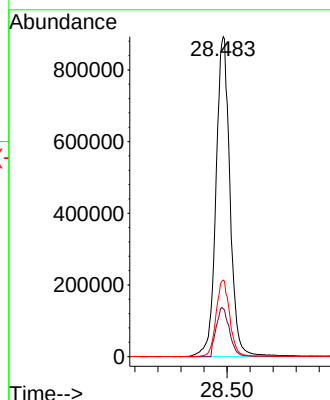
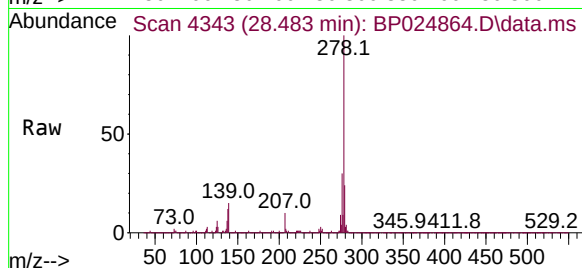
BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:278 Resp: 3757160

Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.0	18.0
279	23.9	19.1	28.7



#92

Benzo(g,h,i)perylene

Concen: 38.569 ng

RT: 29.559 min Scan# 4526

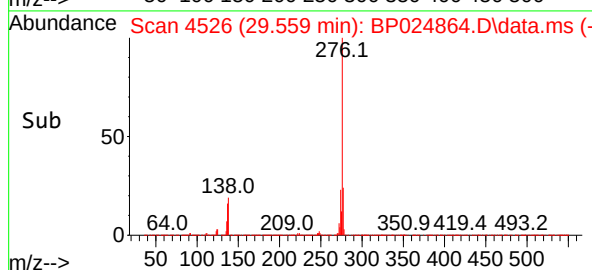
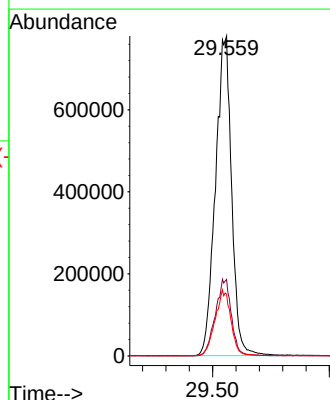
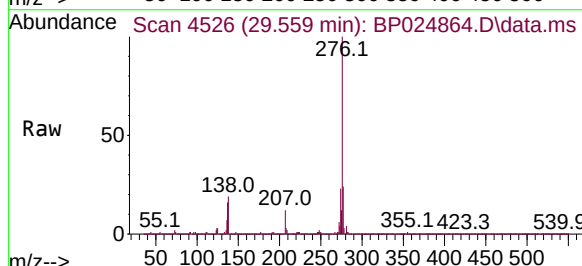
Delta R.T. 0.000 min

Lab File: BP024864.D

Acq: 06 Jun 2025 13:14

Tgt Ion:276 Resp: 3734621

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	19.3	15.4	23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024865.D
 Acq On : 06 Jun 2025 13:56
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Quant Time: Jun 06 16:03:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 15:53:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	235518	20.000	ng	0.00
21) Naphthalene-d8	10.384	136	975092	20.000	ng	0.00
39) Acenaphthene-d10	14.260	164	631564	20.000	ng	0.01
64) Phenanthrene-d10	17.072	188	1197709	20.000	ng	0.01
76) Chrysene-d12	21.501	240	1276071	20.000	ng	0.02
86) Perylene-d12	24.742	264	1475251	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1510671	107.067	ng	0.00
7) Phenol-d6	6.813	99	1973616	105.719	ng	0.00
23) Nitrobenzene-d5	8.760	82	2165794	107.931	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	940592	107.721	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	4934980	105.263	ng	0.00
79) Terphenyl-d14	19.801	244	7428863	104.339	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.167	88	321356	51.761	ng	100
3) Pyridine	3.567	79	806405	54.010	ng	98
4) n-Nitrosodimethylamine	3.478	42	319345	52.317	ng	98
6) Aniline	6.955	93	1263250	53.024	ng	100
8) 2-Chlorophenol	7.190	128	855311	53.473	ng	99
9) Benzaldehyde	6.766	77	579996	53.748	ng	99
10) Phenol	6.843	94	1015401	52.761	ng	99
11) bis(2-Chloroethyl)ether	7.049	93	802393	53.010	ng	99
12) 1,3-Dichlorobenzene	7.502	146	925262	51.854	ng	99
13) 1,4-Dichlorobenzene	7.643	146	944146	52.440	ng	100
14) 1,2-Dichlorobenzene	7.960	146	906741	51.287	ng	99
15) Benzyl Alcohol	7.860	79	758909	52.968	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.131	45	1030911	52.035	ng	99
17) 2-Methylphenol	8.066	107	712455	53.013	ng	100
18) Hexachloroethane	8.672	117	359979	53.107	ng	99
19) n-Nitroso-di-n-propyla...	8.413	70	671592	52.919	ng	99
20) 3+4-Methylphenols	8.396	107	960504	52.385	ng	97
22) Acetophenone	8.431	105	1304864	52.966	ng	99
24) Nitrobenzene	8.802	77	955872	53.620	ng	99
25) Isophorone	9.325	82	1862532	53.556	ng	100
26) 2-Nitrophenol	9.513	139	489550	55.657	ng	99
27) 2,4-Dimethylphenol	9.578	122	806896	53.602	ng	99
28) bis(2-Chloroethoxy)met...	9.801	93	1133590	54.643	ng	99
29) 2,4-Dichlorophenol	10.054	162	797316	55.201	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	857570	52.640	ng	98
31) Naphthalene	10.437	128	2630251	52.637	ng	100
32) Benzoic acid	9.772	122	561400	55.936	ng	98
33) 4-Chloroaniline	10.548	127	1148401	54.855	ng	99
34) Hexachlorobutadiene	10.713	225	532031	54.184	ng	98
35) Caprolactam	11.354	113	288081	54.183	ng	98
36) 4-Chloro-3-methylphenol	11.701	107	912092	54.747	ng	99
37) 2-Methylnaphthalene	12.048	142	1697018	53.539	ng	99
38) 1-Methylnaphthalene	12.272	142	1807332	53.333	ng	98
40) 1,2,4,5-Tetrachloroben...	12.419	216	949667	52.992	ng	100
41) Hexachlorocyclopentadiene	12.395	237	638568	58.420	ng	100
43) 2,4,6-Trichlorophenol	12.678	196	649483	53.966	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024865.D
 Acq On : 06 Jun 2025 13:56
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

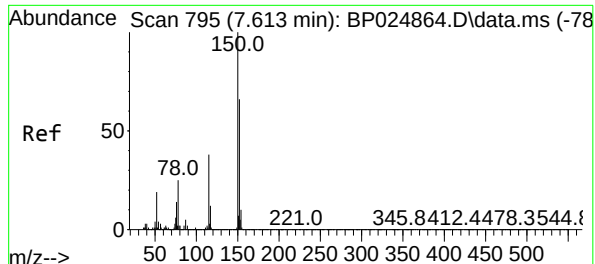
Quant Time: Jun 06 16:03:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 15:53:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	707702	54.908	ng	99
46) 1,1'-Biphenyl	13.072	154	2382821	51.916	ng	99
47) 2-Chloronaphthalene	13.113	162	1849683	52.435	ng	100
48) 2-Nitroaniline	13.337	65	586484	54.079	ng	99
49) Acenaphthylene	13.978	152	3062130	52.061	ng	100
50) Dimethylphthalate	13.719	163	2447212	52.527	ng	100
51) 2,6-Dinitrotoluene	13.837	165	535050	53.272	ng	98
52) Acenaphthene	14.325	154	1716357	50.924	ng	99
53) 3-Nitroaniline	14.178	138	580183	55.664	ng	99
54) 2,4-Dinitrophenol	14.401	184	321110	51.248	ng	95
55) Dibenzofuran	14.666	168	2773911	51.272	ng	99
56) 4-Nitrophenol	14.531	139	435101	51.384	ng	96
57) 2,4-Dinitrotoluene	14.648	165	768586	54.706	ng	98
58) Fluorene	15.331	166	2264731	51.819	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	623685	54.063	ng	100
60) Diethylphthalate	15.101	149	2438733	52.523	ng	99
61) 4-Chlorophenyl-phenyle...	15.319	204	1118999	52.365	ng	99
62) 4-Nitroaniline	15.372	138	530012	56.050	ng	96
63) Azobenzene	15.619	77	2249353	52.821	ng	100
65) 4,6-Dinitro-2-methylph...	15.431	198	439647	55.863	ng	98
66) n-Nitrosodiphenylamine	15.542	169	1974147	53.178	ng	100
67) 4-Bromophenyl-phenylether	16.236	248	737798	54.595	ng	97
68) Hexachlorobenzene	16.354	284	867444	52.948	ng	99
69) Atrazine	16.531	200	732007	54.392	ng	98
70) Pentachlorophenol	16.725	266	486264	57.349	ng	99
71) Phenanthrene	17.113	178	3477677	52.543	ng	100
72) Anthracene	17.201	178	3558691	53.089	ng	99
73) Carbazole	17.495	167	3330211	53.599	ng	100
74) Di-n-butylphthalate	18.077	149	4253447	55.253	ng	100
75) Fluoranthene	19.201	202	4024039	52.455	ng	100
77) Benzidine	19.413	184	2202092	55.718	ng	100
78) Pyrene	19.577	202	4217295	52.900	ng	100
80) Butylbenzylphthalate	20.530	149	2045307	56.010	ng	99
81) Benzo(a)anthracene	21.477	228	4296840	52.648	ng	100
82) 3,3'-Dichlorobenzidine	21.401	252	1730292	53.402	ng	99
83) Chrysene	21.548	228	4080671	52.768	ng	99
84) Bis(2-ethylhexyl)phtha...	21.407	149	2938577	56.166	ng	99
85) Di-n-octyl phthalate	22.642	149	5061827	54.889	ng	100
87) Indeno(1,2,3-cd)pyrene	28.424	276	5749111	53.412	ng	# 93
88) Benzo(b)fluoranthene	23.701	252	4545535	53.840	ng	100
89) Benzo(k)fluoranthene	23.771	252	4641829	54.012	ng	100
90) Benzo(a)pyrene	24.583	252	4478222	54.313	ng	99
91) Dibenzo(a,h)anthracene	28.500	278	4715596	53.822	ng	99
92) Benzo(g,h,i)perylene	29.547	276	4649887	53.490	ng	100

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

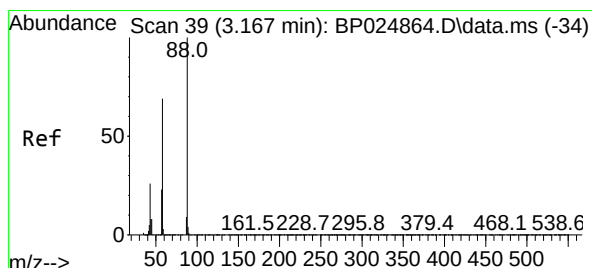
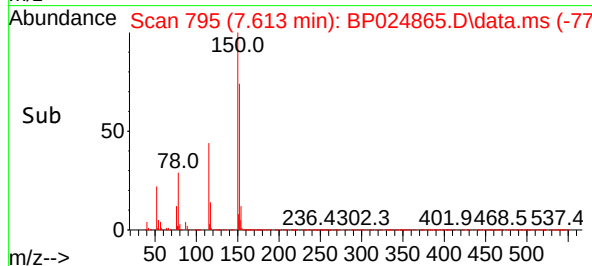
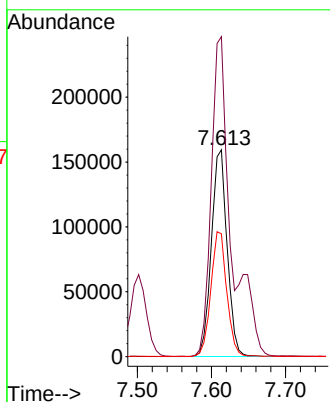
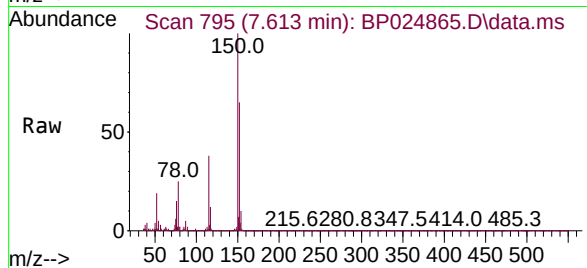
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

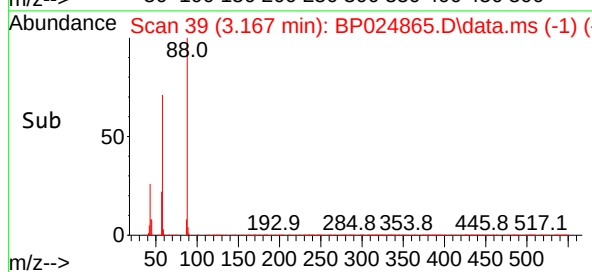
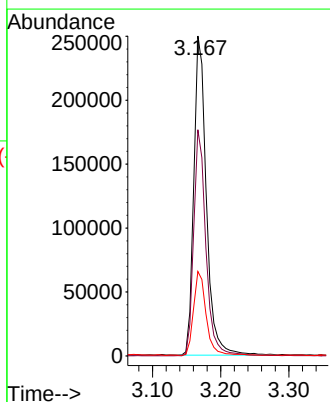
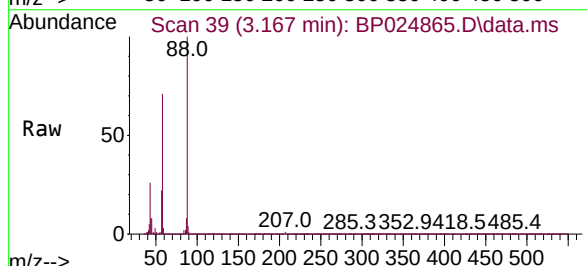
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

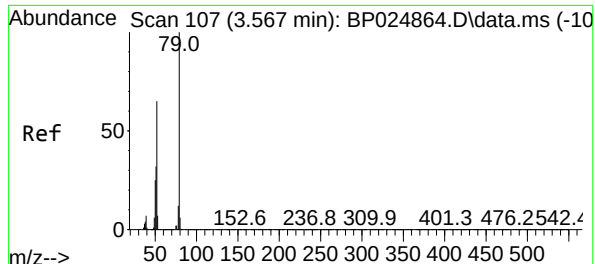
Tgt Ion:152 Resp: 235518
Ion Ratio Lower Upper
152 100
150 154.7 122.1 183.1
115 59.4 46.4 69.6



#2
1,4-Dioxane
Concen: 51.761 ng
RT: 3.167 min Scan# 39
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion: 88 Resp: 321356
Ion Ratio Lower Upper
88 100
58 69.1 55.4 83.0
43 26.2 20.8 31.2

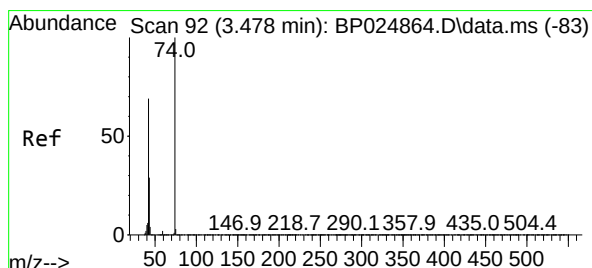
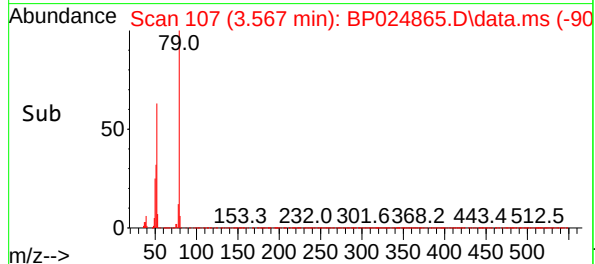
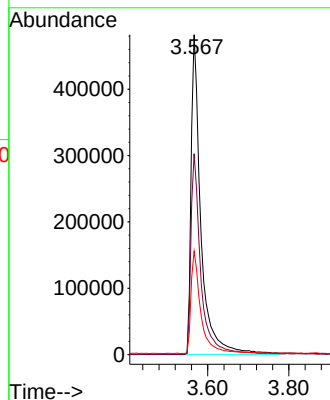
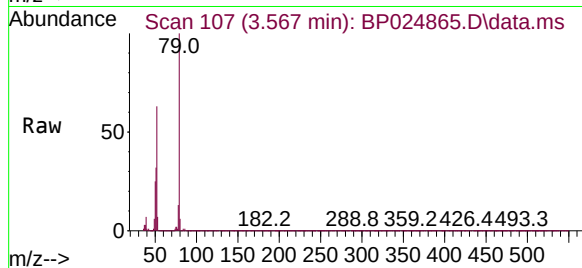




#3
Pyridine
Concen: 54.010 ng
RT: 3.567 min Scan# 10
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

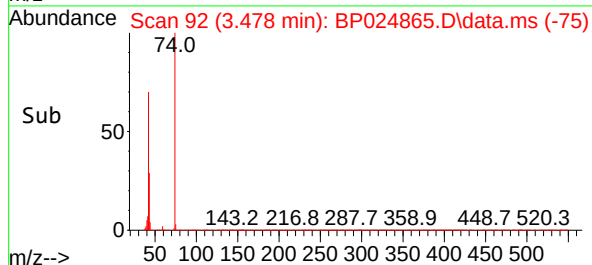
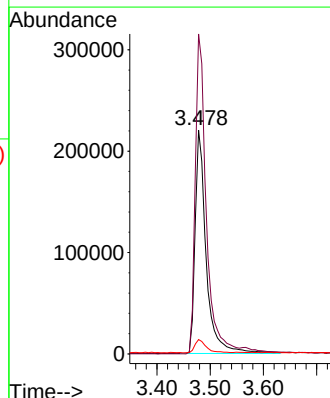
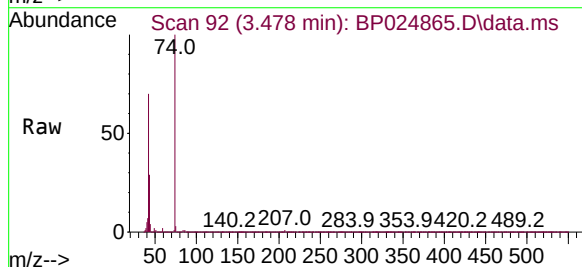
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

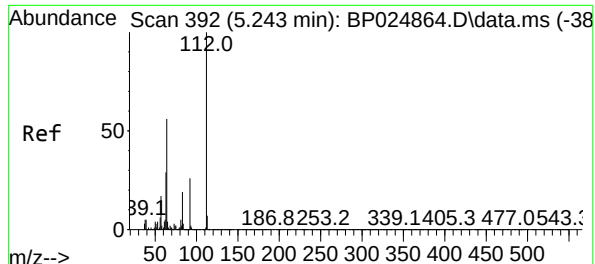
Tgt Ion: 79 Resp: 806405
Ion Ratio Lower Upper
79 100
52 62.8 51.6 77.4
51 32.3 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 52.317 ng
RT: 3.478 min Scan# 92
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion: 42 Resp: 319345
Ion Ratio Lower Upper
42 100
74 143.0 116.6 174.8
44 6.4 5.4 8.0

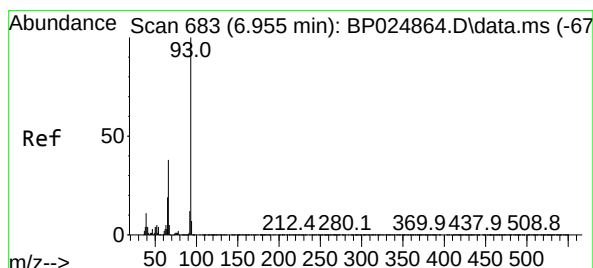
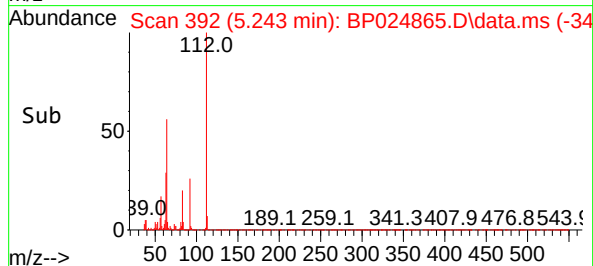
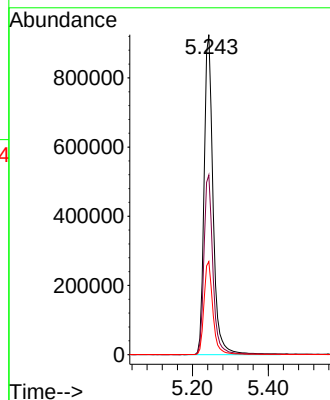
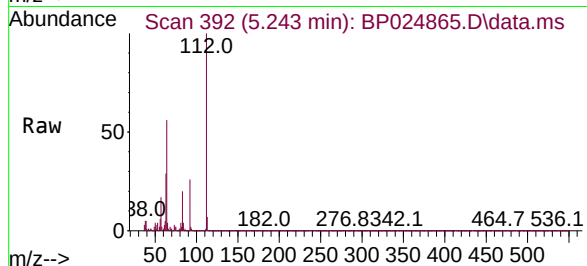




#5
2-Fluorophenol
Concen: 107.067 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

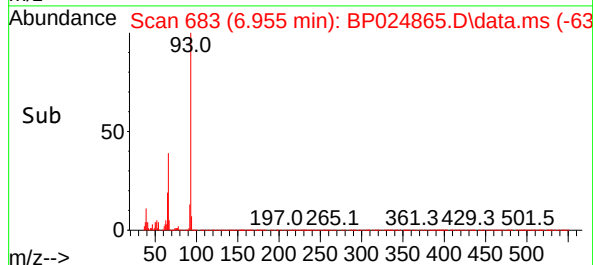
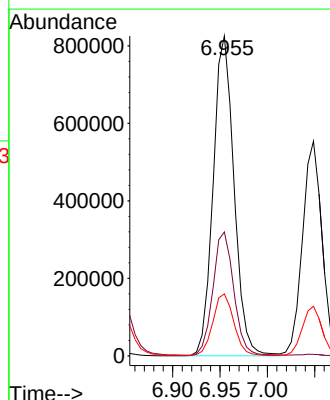
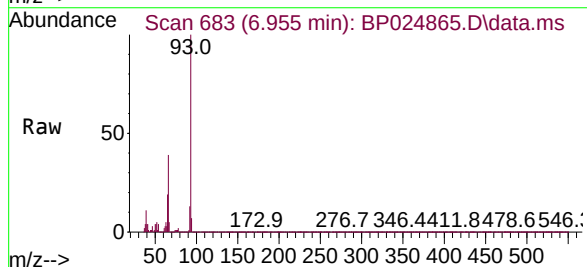
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

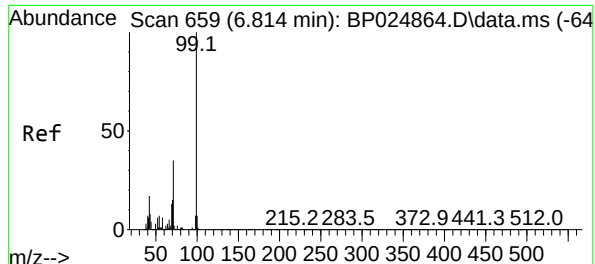
Tgt Ion:112 Resp: 1510671
Ion Ratio Lower Upper
112 100
64 56.1 44.7 67.1
63 29.1 23.5 35.3



#6
Aniline
Concen: 53.024 ng
RT: 6.955 min Scan# 683
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion: 93 Resp: 1263250
Ion Ratio Lower Upper
93 100
66 38.7 30.9 46.3
65 19.4 15.5 23.3





#7

Phenol-d6

Concen: 105.719 ng

RT: 6.813 min Scan# 61

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

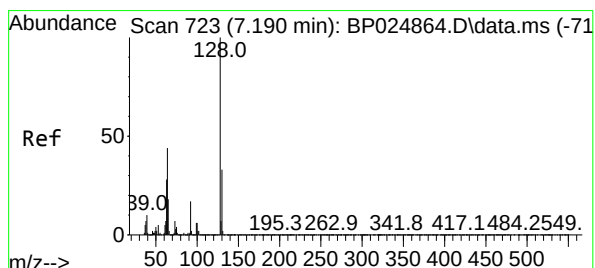
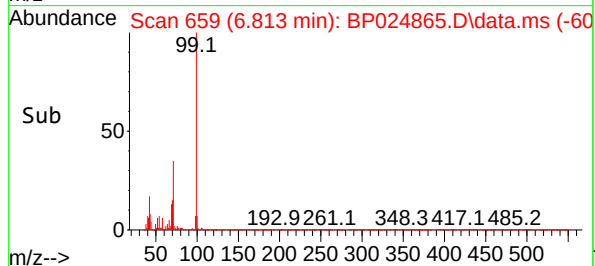
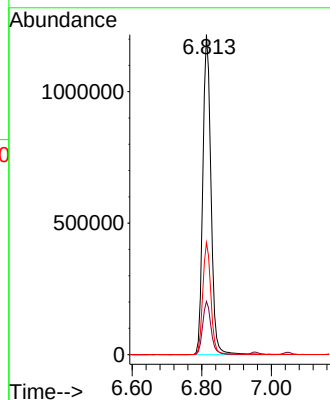
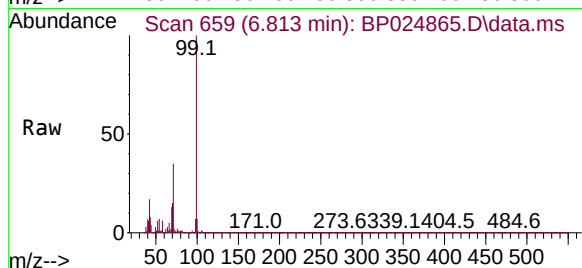
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 99 Resp: 1973616

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.4	20.2
71	35.0	27.6	41.4



#8

2-Chlorophenol

Concen: 53.473 ng

RT: 7.190 min Scan# 723

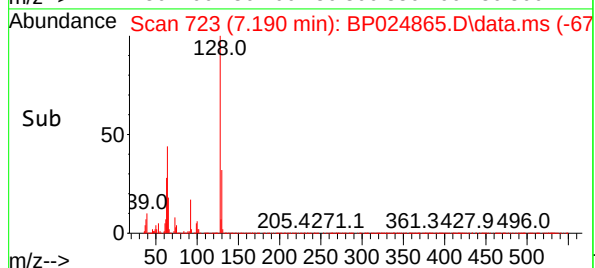
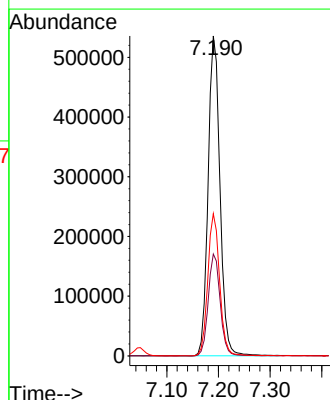
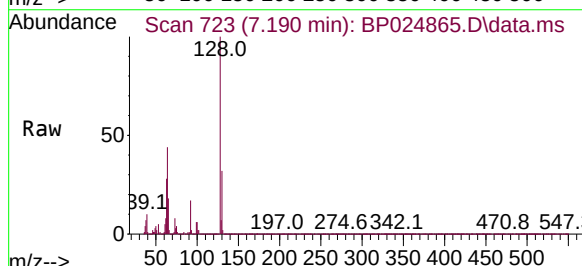
Delta R.T. -0.000 min

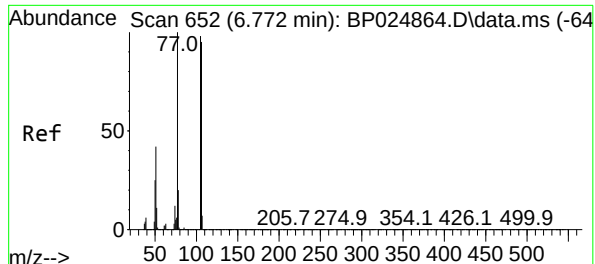
Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Tgt Ion: 128 Resp: 855311

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.6	52.6
64	44.4	24.1	64.1

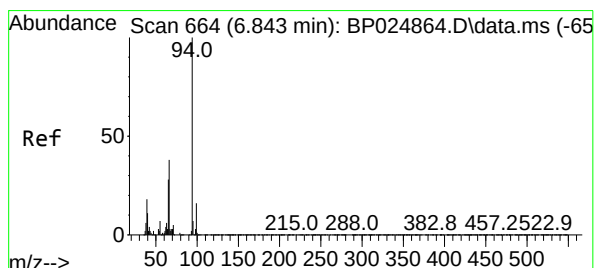
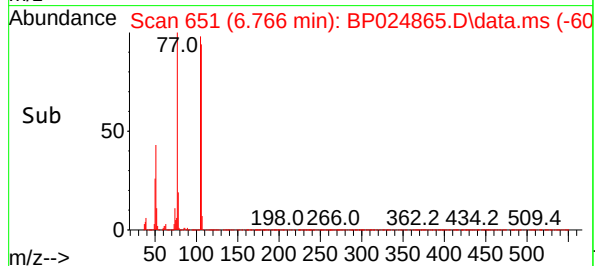
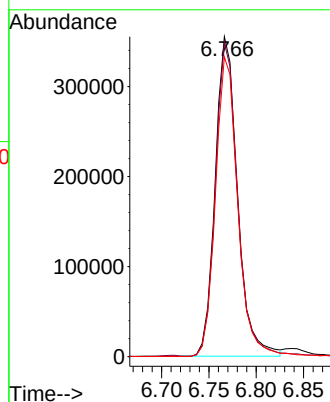
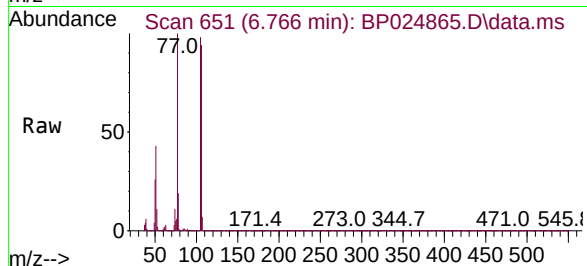




#9
Benzaldehyde
Concen: 53.748 ng
RT: 6.766 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

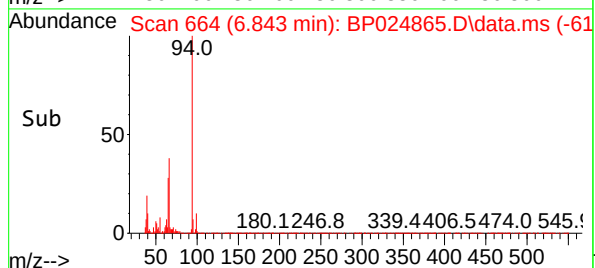
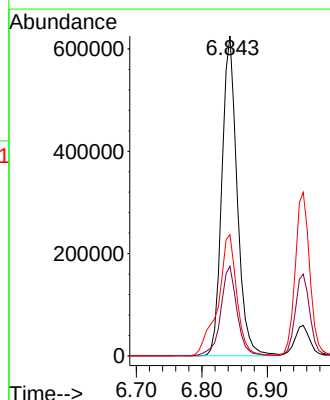
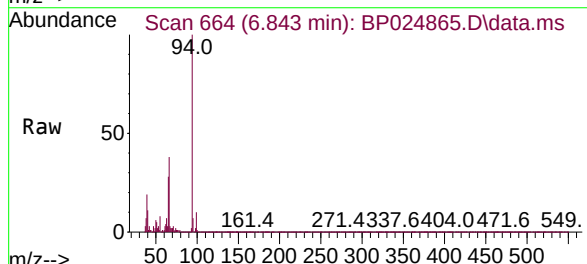
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

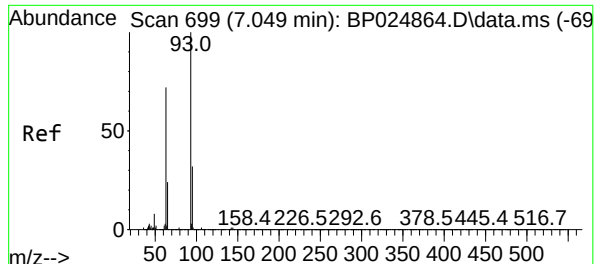
Tgt Ion: 77 Resp: 579996
Ion Ratio Lower Upper
77 100
105 98.1 77.7 117.7
106 93.6 74.8 114.8



#10
Phenol
Concen: 52.761 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion: 94 Resp: 1015401
Ion Ratio Lower Upper
94 100
65 28.0 8.3 48.3
66 37.9 18.2 58.2

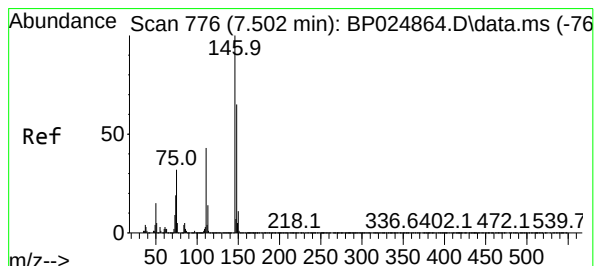
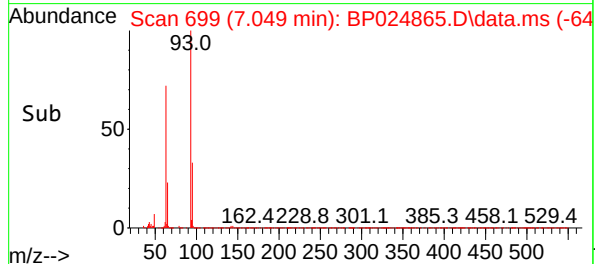
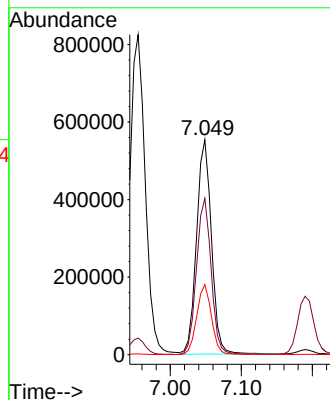
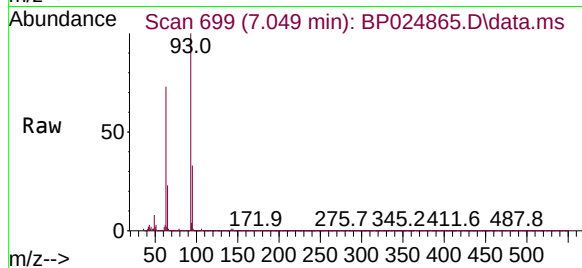




#11
bis(2-Chloroethyl)ether
Concen: 53.010 ng
RT: 7.049 min Scan# 699
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

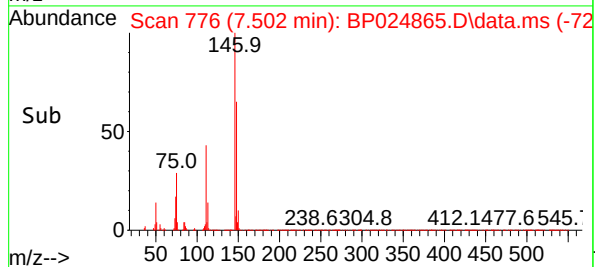
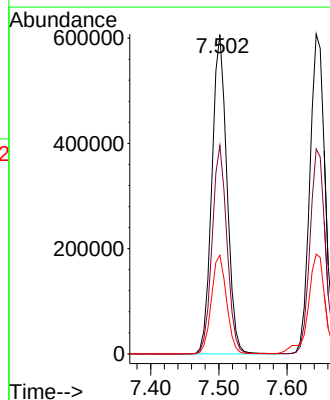
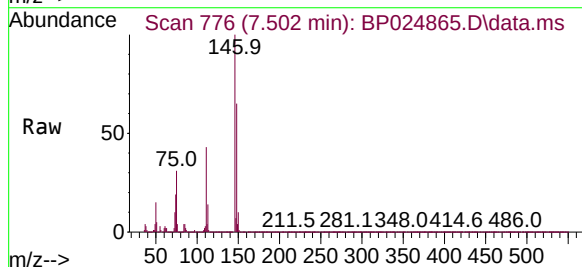
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

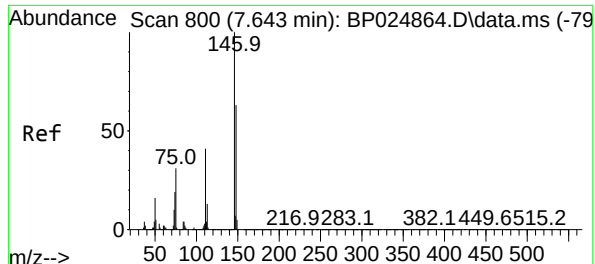
Tgt Ion: 93 Resp: 802393
Ion Ratio Lower Upper
93 100
63 72.7 51.6 91.6
95 32.6 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 51.854 ng
RT: 7.502 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion: 146 Resp: 925262
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.8
75 30.9 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 52.440 ng

RT: 7.643 min Scan# 800

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

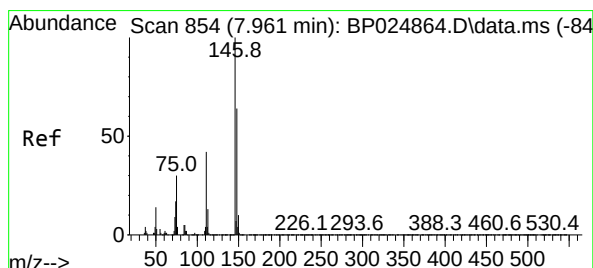
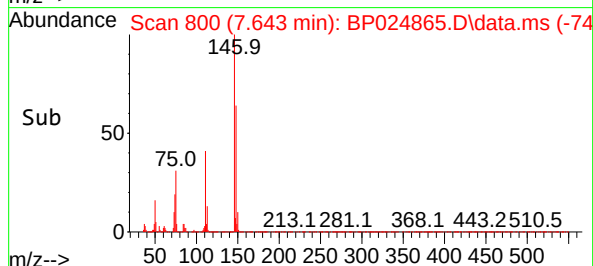
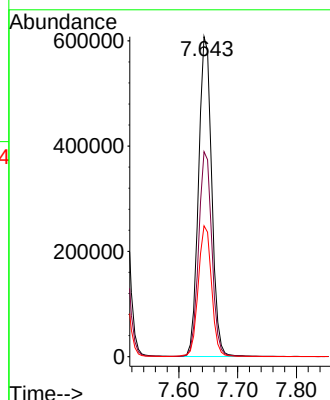
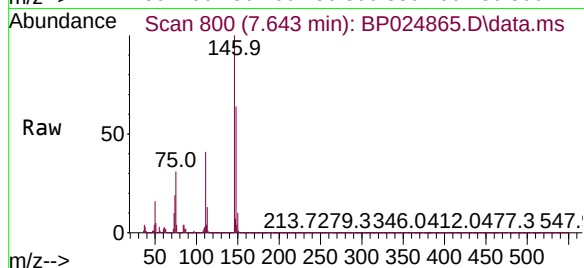
Tgt Ion:146 Resp: 944146

Ion Ratio Lower Upper

146 100

148 64.0 50.8 76.2

111 40.9 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 51.287 ng

RT: 7.960 min Scan# 854

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

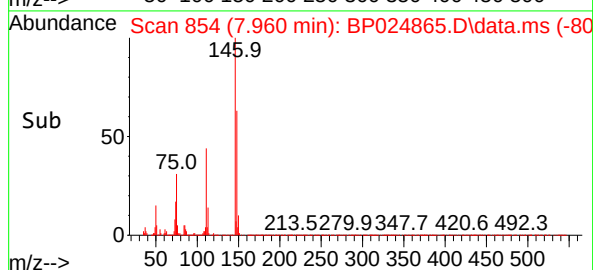
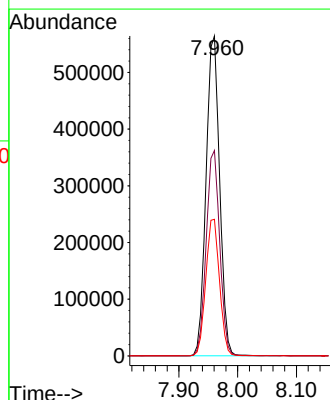
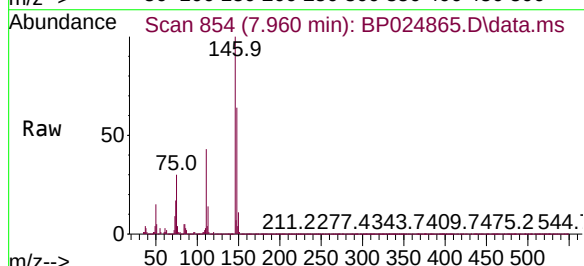
Tgt Ion:146 Resp: 906741

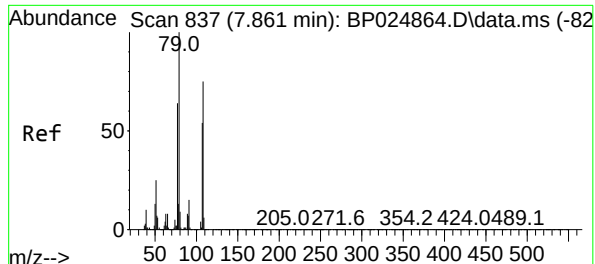
Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

111 42.7 33.8 50.8





#15

Benzyl Alcohol

Concen: 52.968 ng

RT: 7.860 min Scan# 837

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

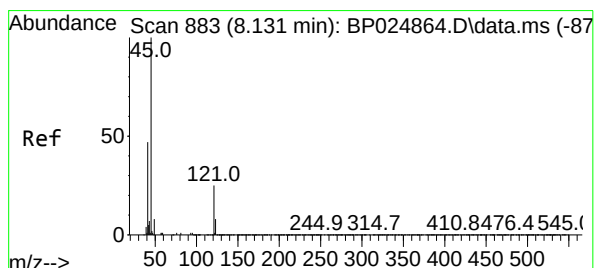
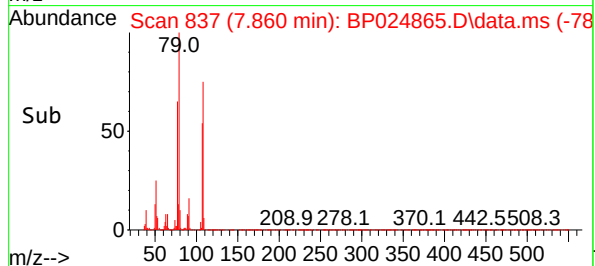
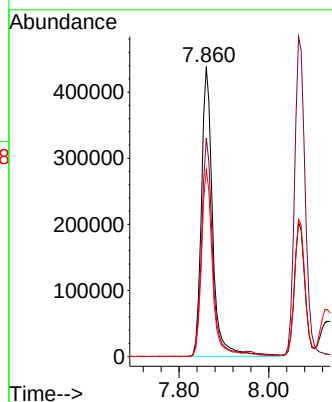
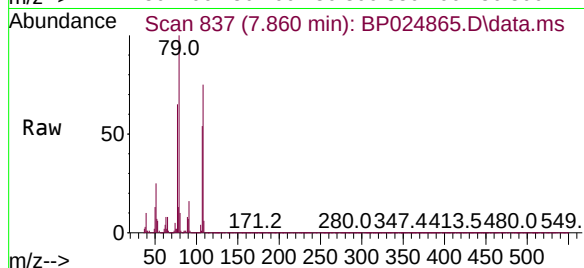
Tgt Ion: 79 Resp: 758909

Ion Ratio Lower Upper

79 100

108 75.4 60.2 90.4

77 64.6 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.035 ng

RT: 8.131 min Scan# 883

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

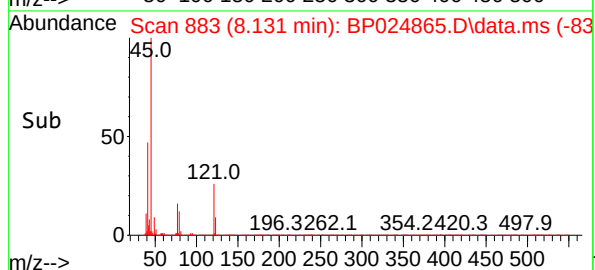
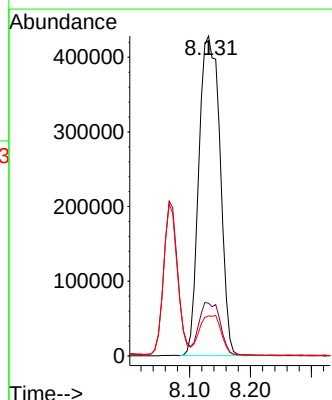
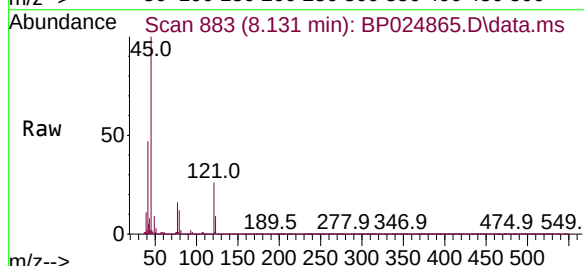
Tgt Ion: 45 Resp: 1030911

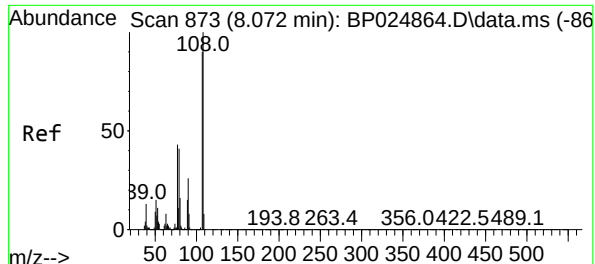
Ion Ratio Lower Upper

45 100

77 16.5 0.0 36.3

79 12.5 0.0 32.2





#17

2-Methylphenol

Concen: 53.013 ng

RT: 8.066 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

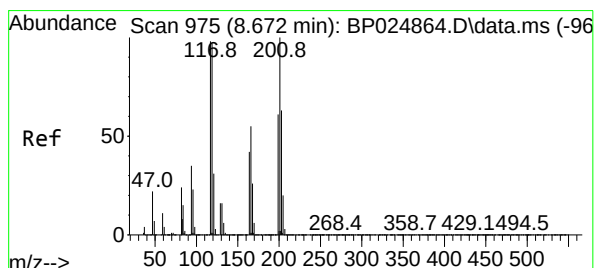
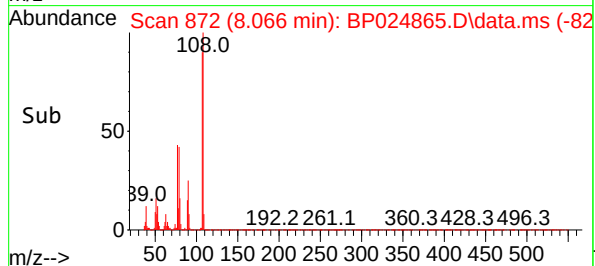
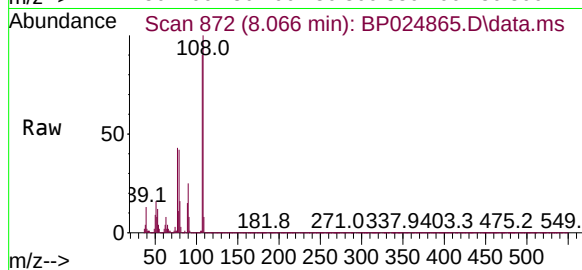
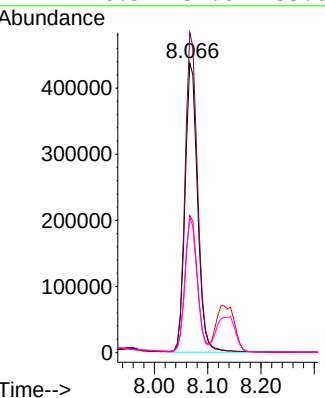
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 712455

Ion	Ratio	Lower	Upper
107	100		
108	110.5	88.6	132.8
77	47.4	38.5	57.7
79	46.5	37.0	55.6



#18

Hexachloroethane

Concen: 53.107 ng

RT: 8.672 min Scan# 975

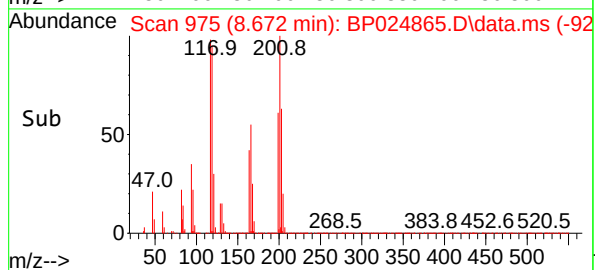
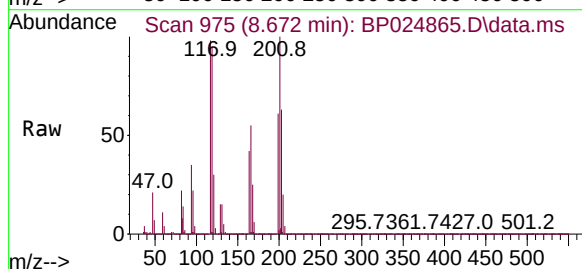
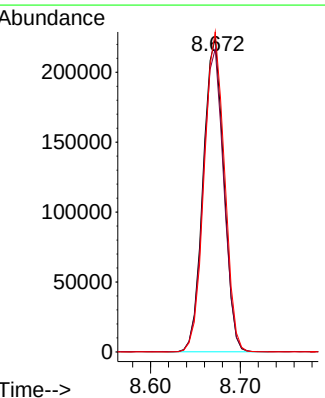
Delta R.T. -0.000 min

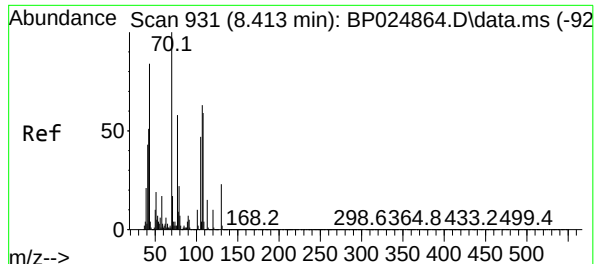
Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Tgt Ion:117 Resp: 359979

Ion	Ratio	Lower	Upper
117	100		
119	96.6	79.4	119.2
201	102.1	81.4	122.2





#19

n-Nitroso-di-n-propylamine

Concen: 52.919 ng

RT: 8.413 min Scan# 931

Delta R.T. -0.000 min

Lab File: BP024865.D

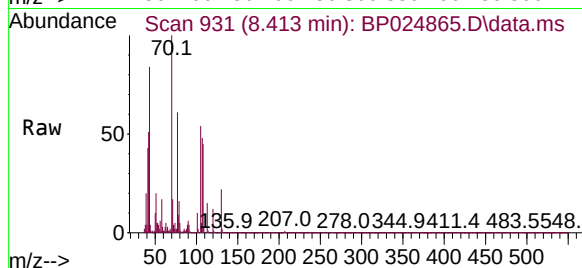
Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050



Tgt Ion: 70 Resp: 671592

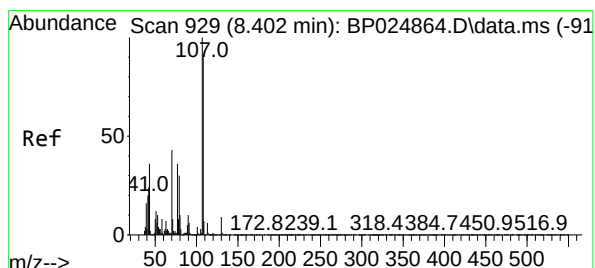
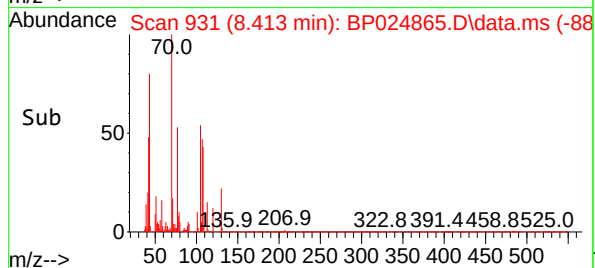
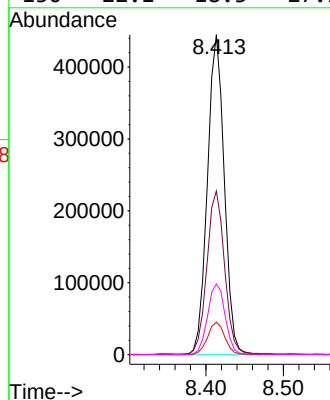
Ion Ratio Lower Upper

70 100

42 51.1 41.2 61.8

101 10.1 8.3 12.5

130 22.1 18.3 27.5



#20

3+4-Methylphenols

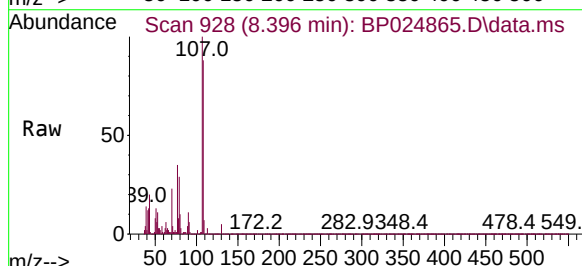
Concen: 52.385 ng

RT: 8.396 min Scan# 928

Delta R.T. -0.006 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56



Tgt Ion: 107 Resp: 960504

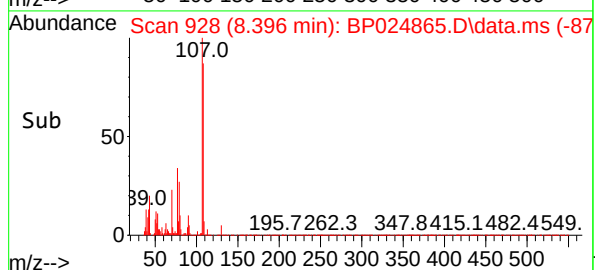
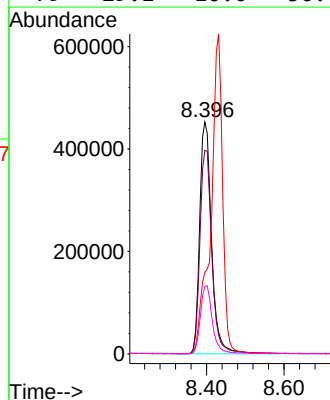
Ion Ratio Lower Upper

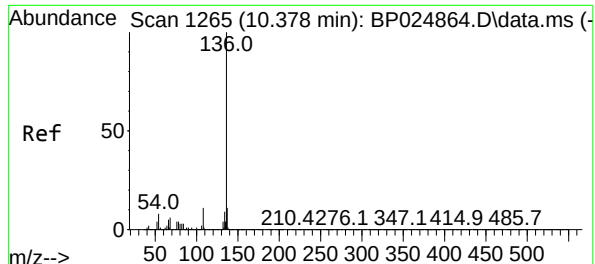
107 100

108 87.8 70.7 110.7

77 35.2 16.6 56.6

79 29.1 10.0 50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.384 min Scan# 1265

Delta R.T. 0.006 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 975092

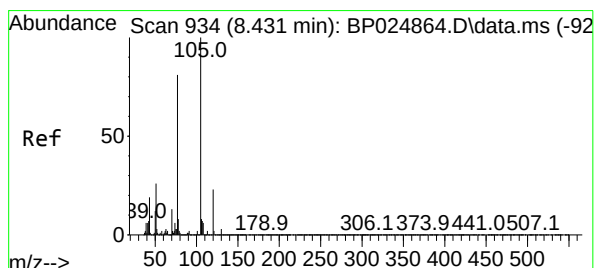
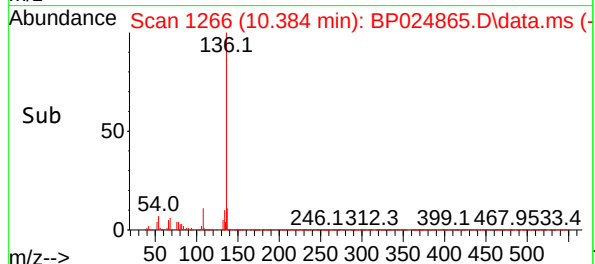
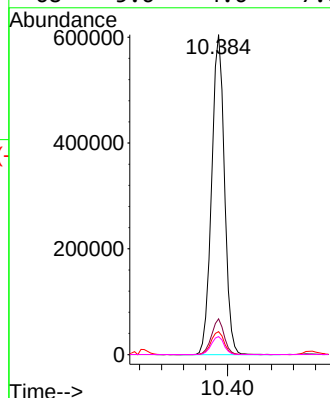
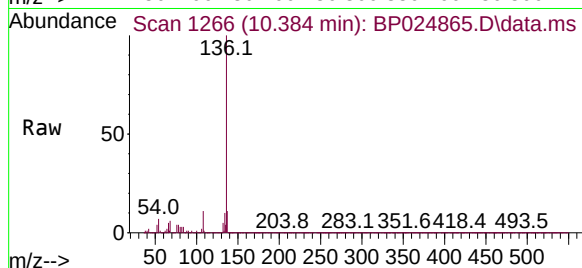
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.2 6.1 9.1

68 5.6 4.6 7.0



#22

Acetophenone

Concen: 52.966 ng

RT: 8.431 min Scan# 934

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Tgt Ion:105 Resp: 1304864

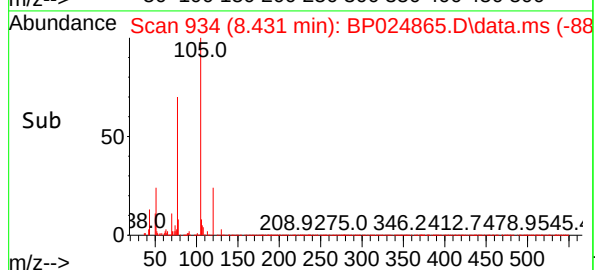
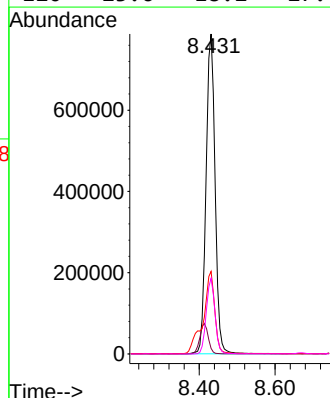
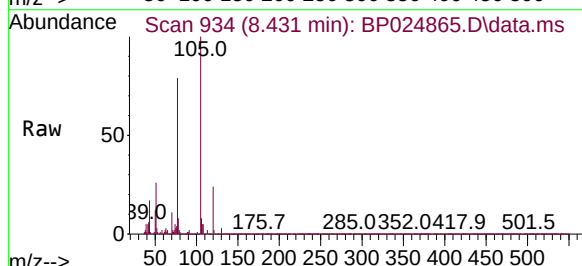
Ion Ratio Lower Upper

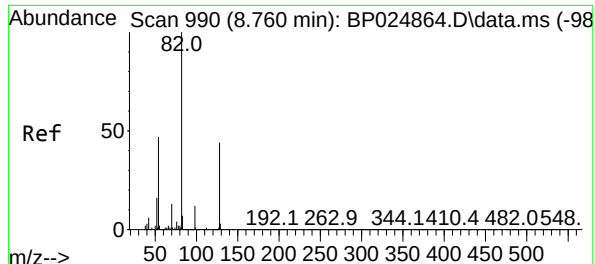
105 100

71 1.7 1.6 2.4

51 25.8 20.6 31.0

120 23.6 18.2 27.4





#23

Nitrobenzene-d5

Concen: 107.931 ng

RT: 8.760 min Scan# 990

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

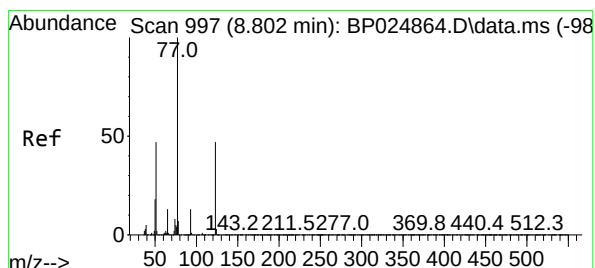
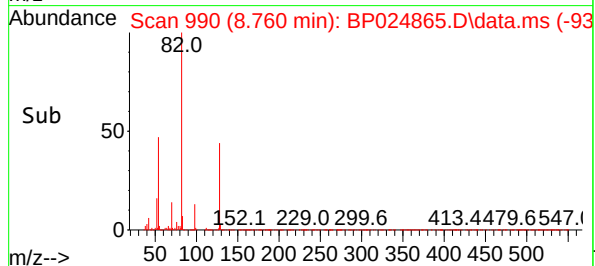
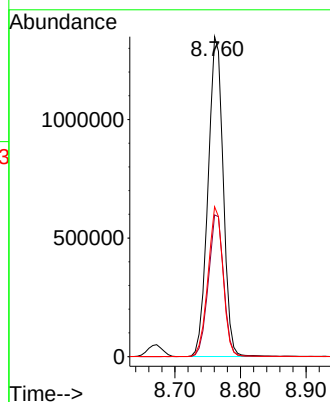
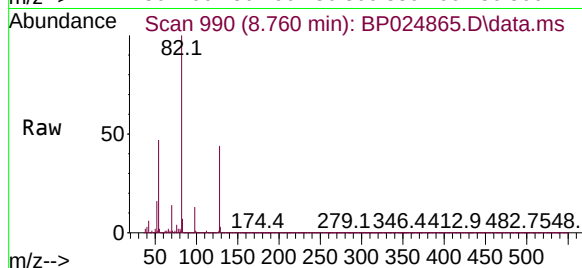
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 2165794

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.3	52.9
54	46.8	37.4	56.0



#24

Nitrobenzene

Concen: 53.620 ng

RT: 8.802 min Scan# 997

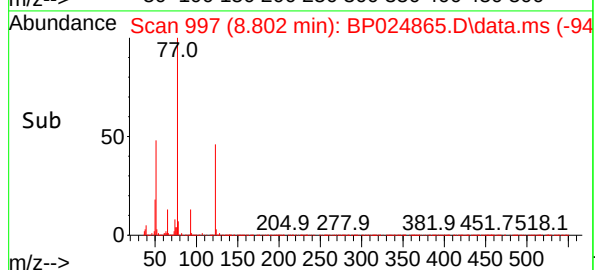
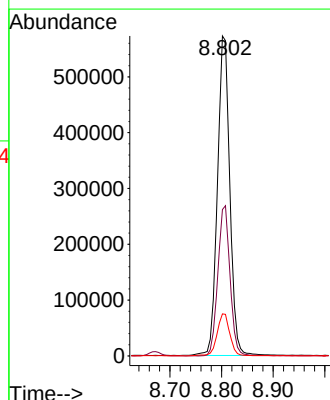
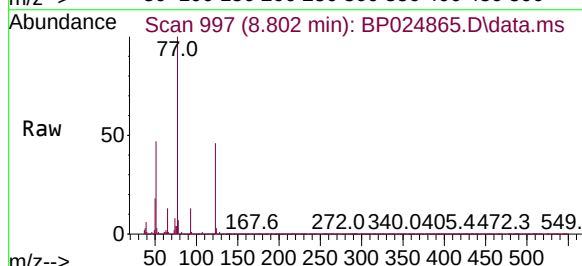
Delta R.T. -0.000 min

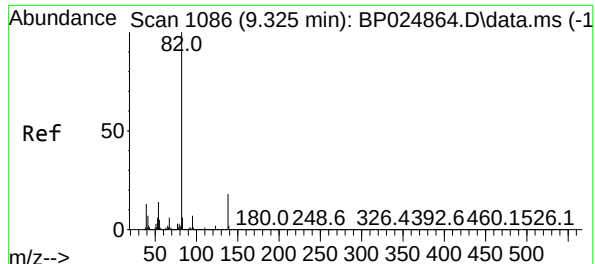
Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Tgt Ion: 77 Resp: 955872

Ion	Ratio	Lower	Upper
77	100		
123	45.7	37.3	55.9
65	13.1	10.8	16.2

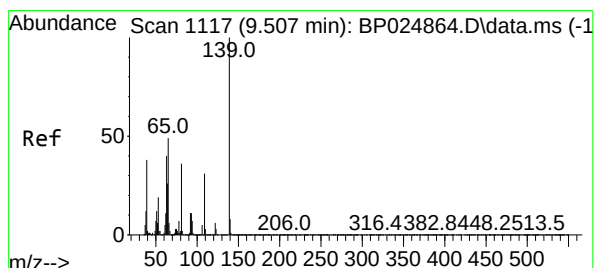
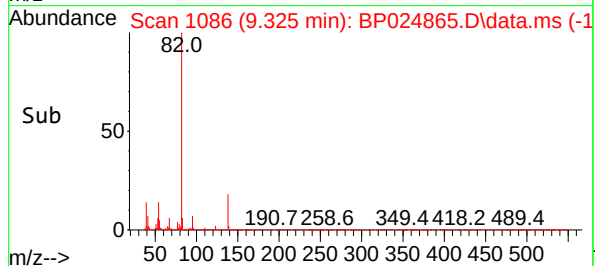
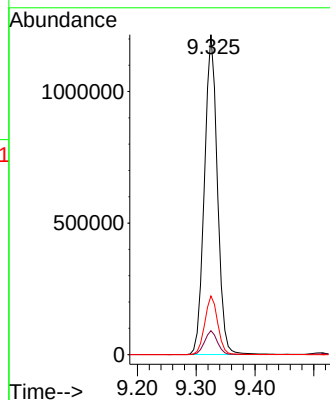
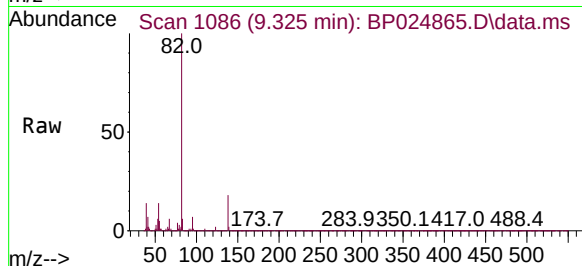




#25
Isophorone
Concen: 53.556 ng
RT: 9.325 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

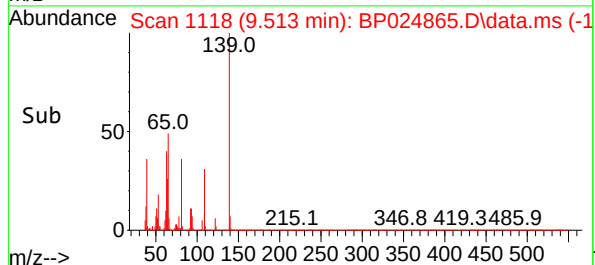
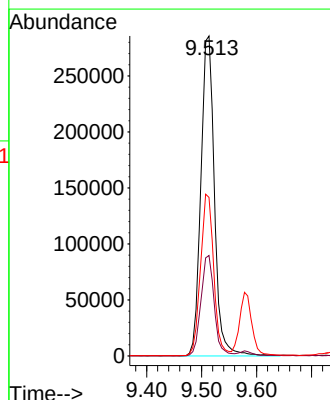
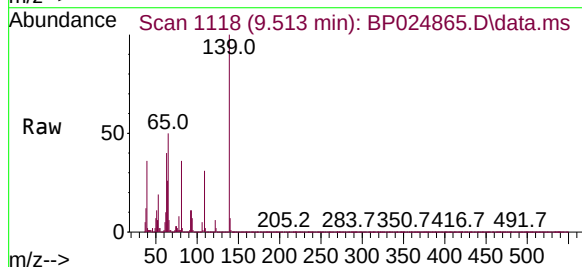
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

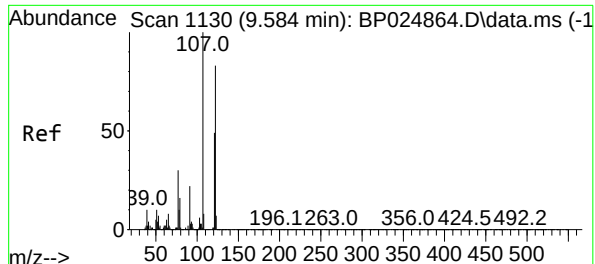
Tgt Ion: 82 Resp: 1862532
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.3 14.6 21.8



#26
2-Nitrophenol
Concen: 55.657 ng
RT: 9.513 min Scan# 1118
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion: 139 Resp: 489550
Ion Ratio Lower Upper
139 100
109 31.4 24.6 37.0
65 49.5 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 53.602 ng

RT: 9.578 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

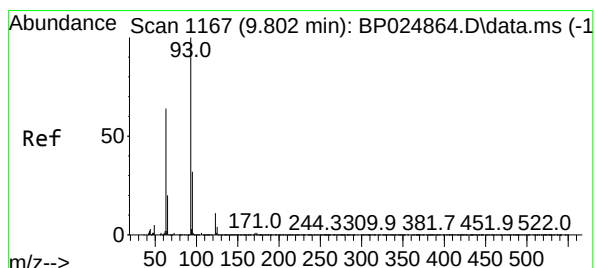
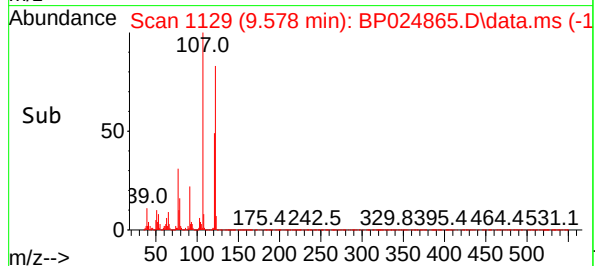
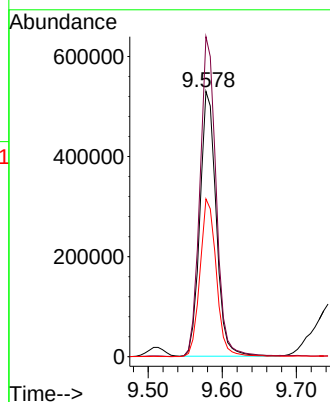
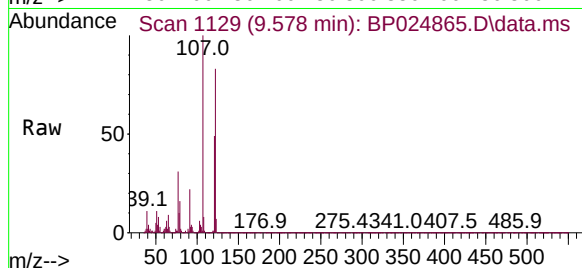
Tgt Ion:122 Resp: 806896

Ion Ratio Lower Upper

122 100

107 120.7 96.2 144.4

121 59.5 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 54.643 ng

RT: 9.801 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

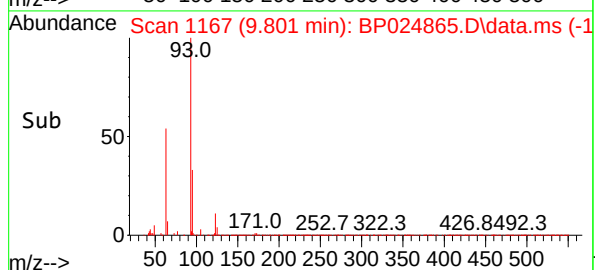
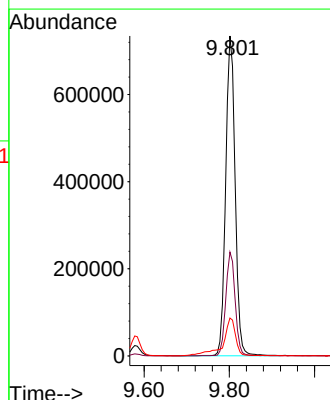
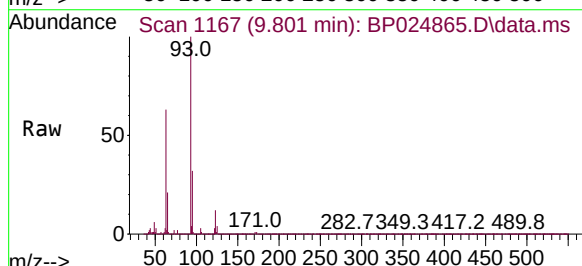
Tgt Ion: 93 Resp: 1133590

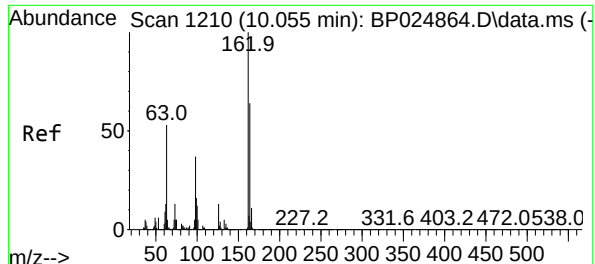
Ion Ratio Lower Upper

93 100

95 32.4 25.5 38.3

123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 55.201 ng

RT: 10.054 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

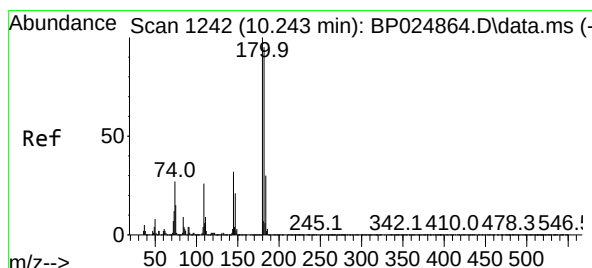
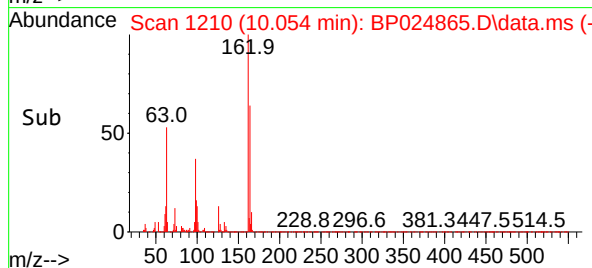
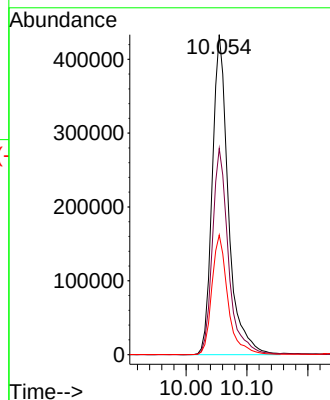
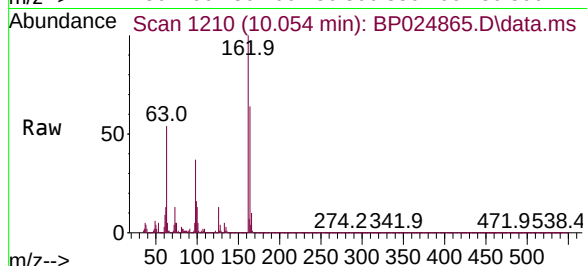
Tgt Ion:162 Resp: 797316

Ion Ratio Lower Upper

162 100

164 64.4 44.0 84.0

98 37.4 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 52.640 ng

RT: 10.243 min Scan# 1242

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

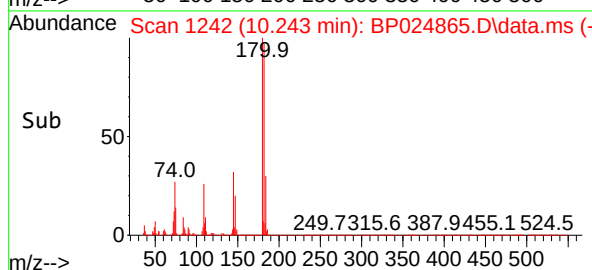
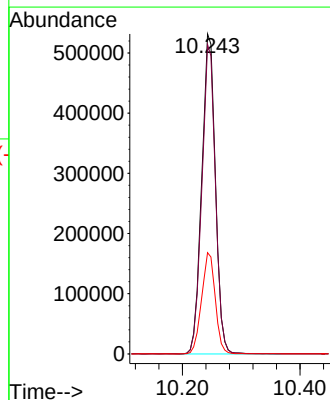
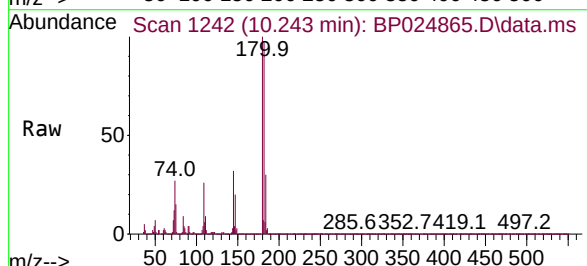
Tgt Ion:180 Resp: 857570

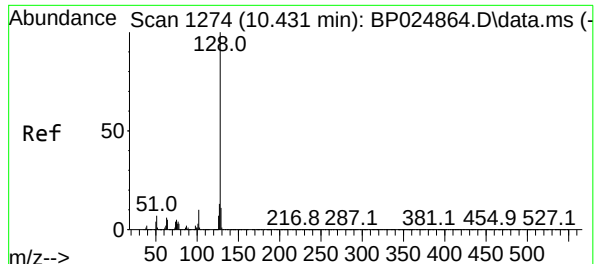
Ion Ratio Lower Upper

180 100

182 96.7 75.8 113.6

145 31.7 25.7 38.5

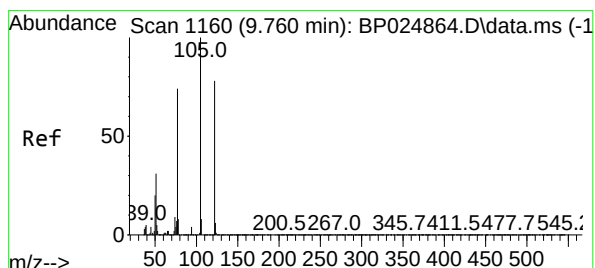
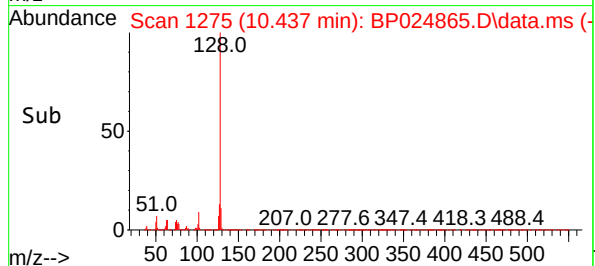
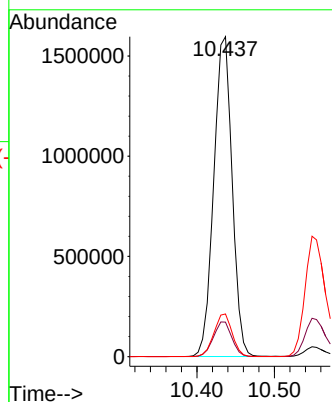
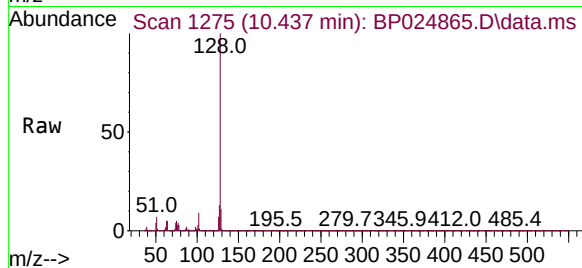




#31
Naphthalene
Concen: 52.637 ng
RT: 10.437 min Scan# 111
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

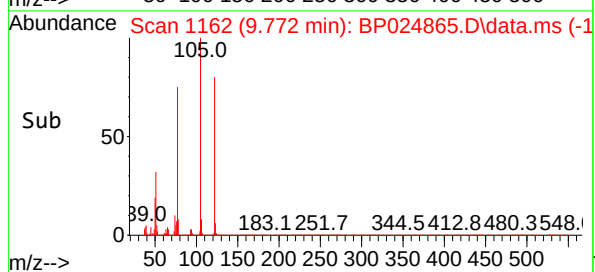
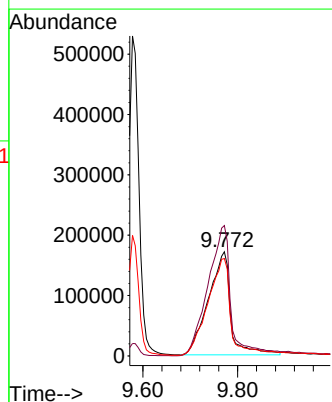
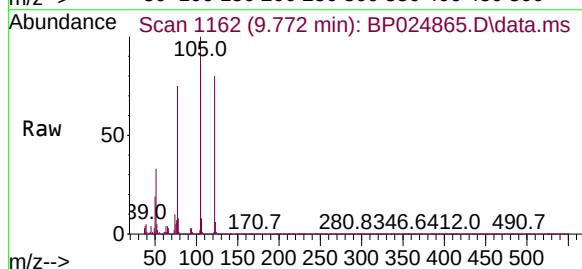
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

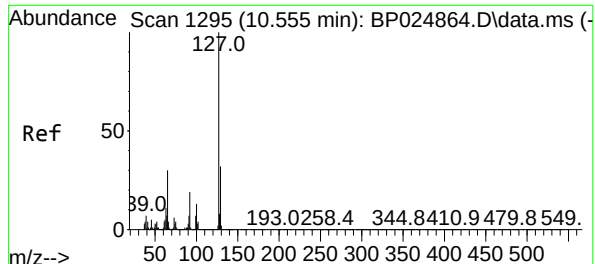
Tgt Ion:128 Resp: 2630251
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 55.936 ng
RT: 9.772 min Scan# 1162
Delta R.T. 0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:122 Resp: 561400
Ion Ratio Lower Upper
122 100
105 125.3 107.1 147.1
77 93.6 75.1 115.1

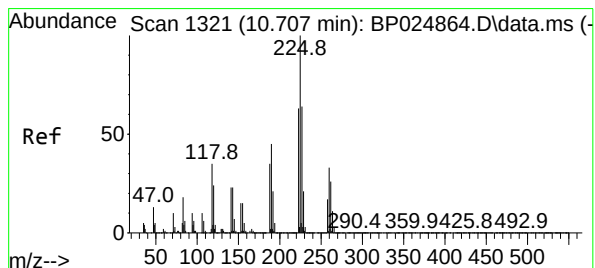
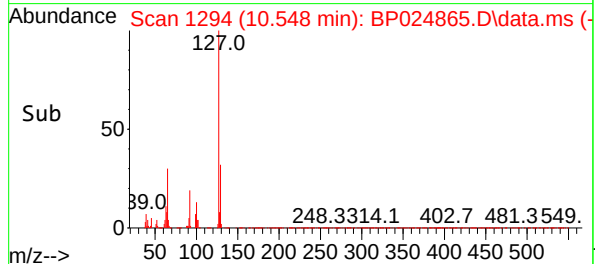
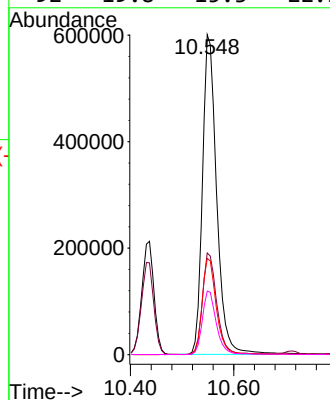
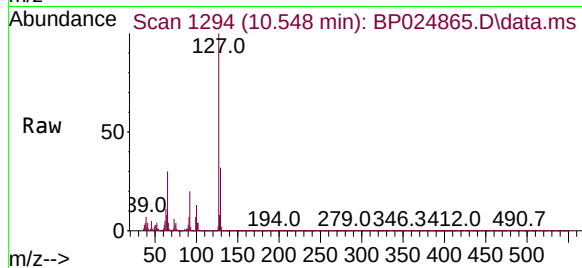




#33
4-Chloroaniline
Concen: 54.855 ng
RT: 10.548 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

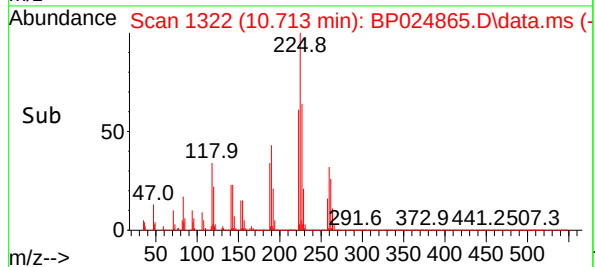
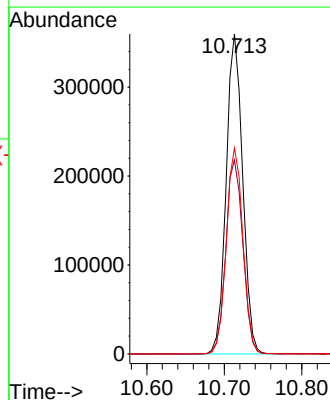
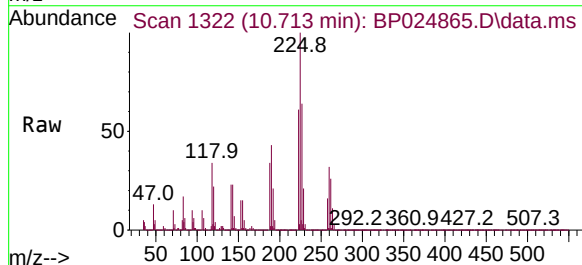
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

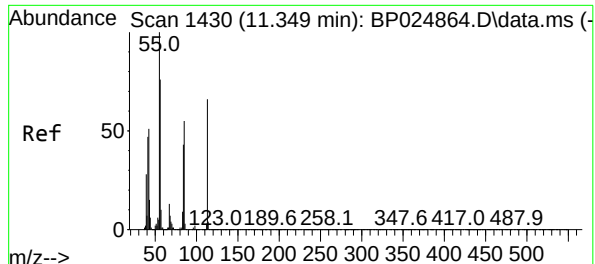
Tgt Ion:127 Resp: 1148401
Ion Ratio Lower Upper
127 100
129 31.8 25.9 38.9
65 30.1 23.9 35.9
92 19.8 15.3 22.9



#34
Hexachlorobutadiene
Concen: 54.184 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:225 Resp: 532031
Ion Ratio Lower Upper
225 100
223 60.6 50.5 75.7
227 64.3 51.4 77.2

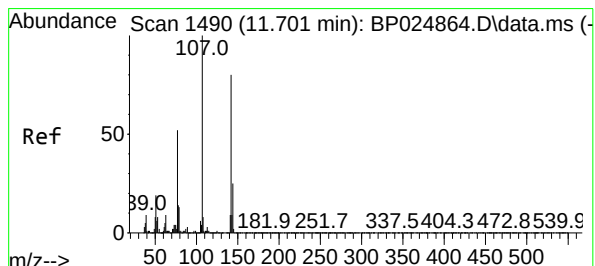
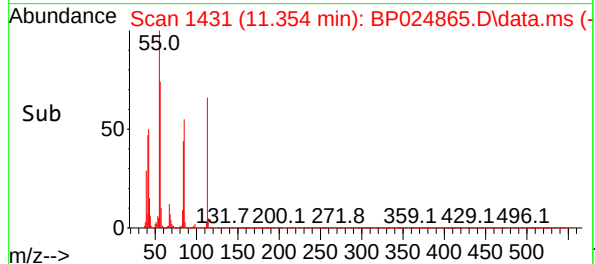
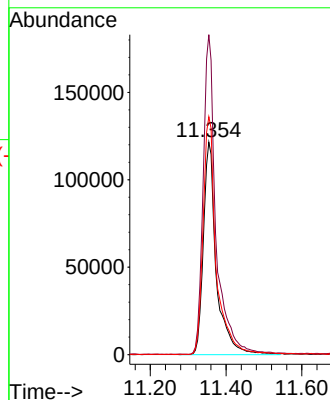
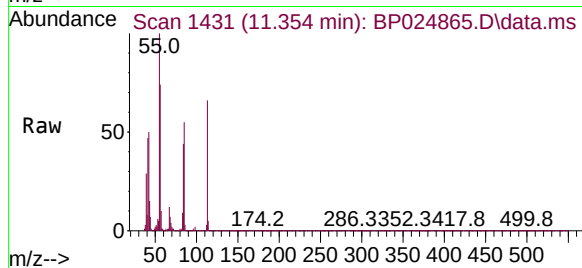




#35
Caprolactam
Concen: 54.183 ng
RT: 11.354 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

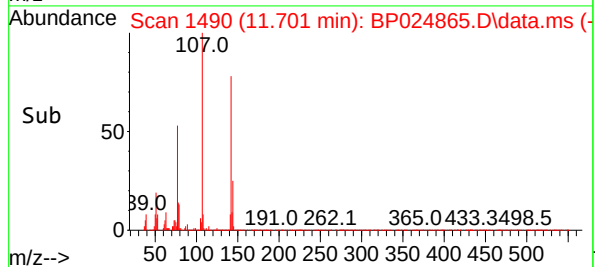
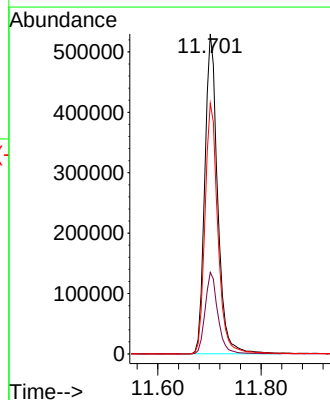
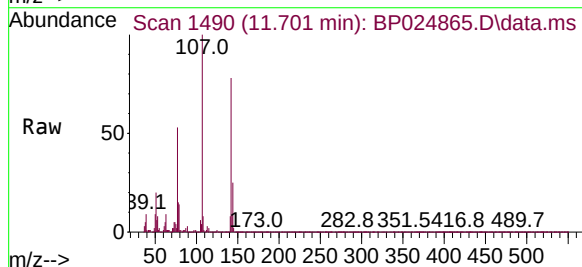
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

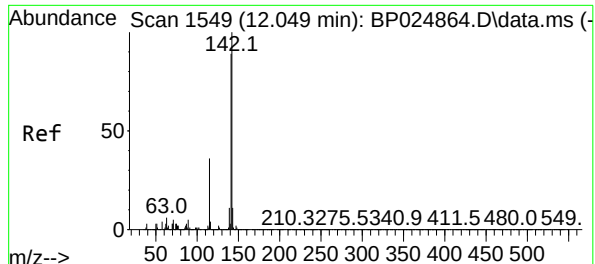
Tgt Ion	Ratio	Lower	Upper
113	100		
55	150.6	132.5	172.5
56	112.0	96.0	136.0



#36
4-Chloro-3-methylphenol
Concen: 54.747 ng
RT: 11.701 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.4	30.6
142	78.3	63.8	95.6

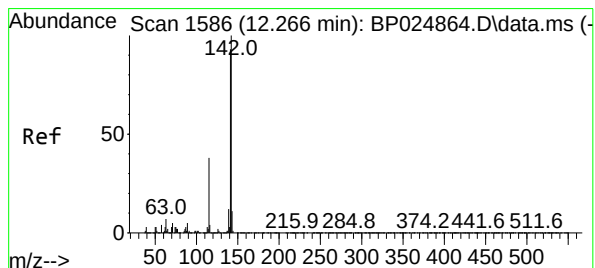
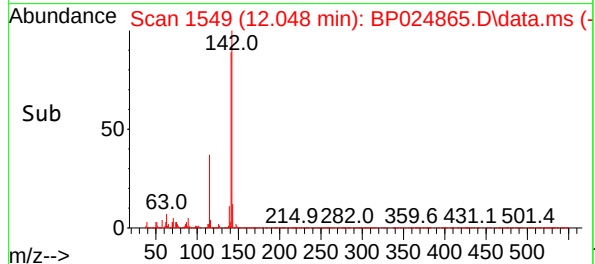
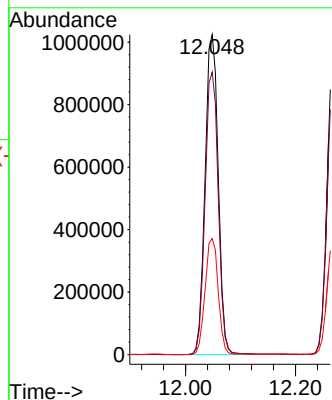
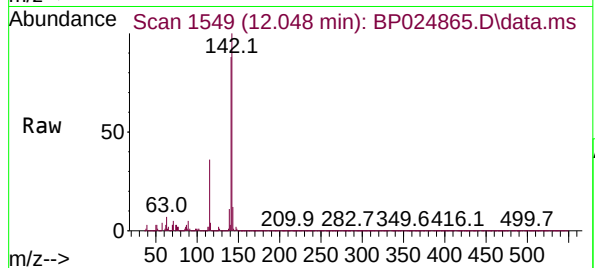




#37
2-Methylnaphthalene
Concen: 53.539 ng
RT: 12.048 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

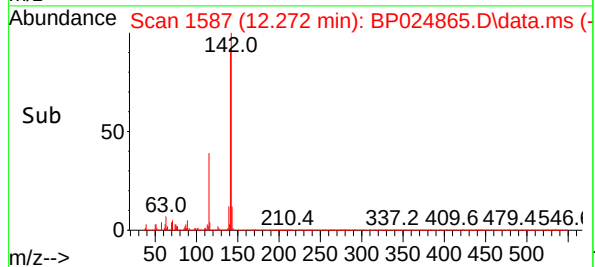
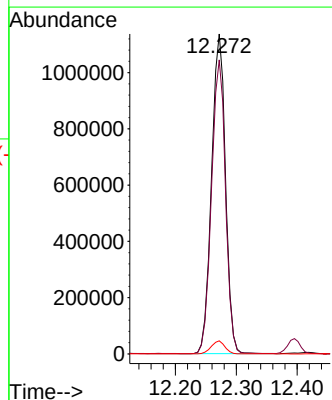
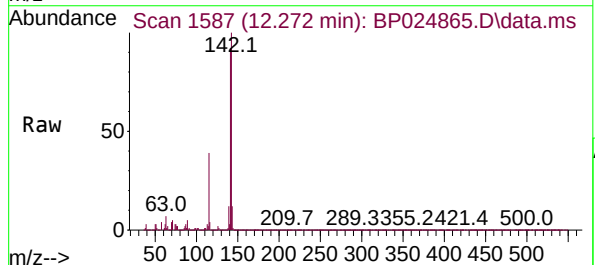
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

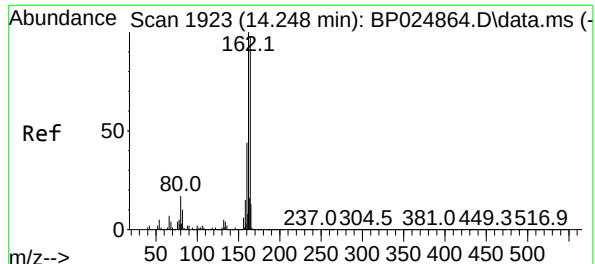
Tgt Ion:142 Resp: 1697018
Ion Ratio Lower Upper
142 100
141 88.3 71.2 106.8
115 36.3 28.5 42.7



#38
1-Methylnaphthalene
Concen: 53.333 ng
RT: 12.272 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:142 Resp: 1807332
Ion Ratio Lower Upper
142 100
141 91.9 74.7 112.1
116 4.1 3.4 5.0

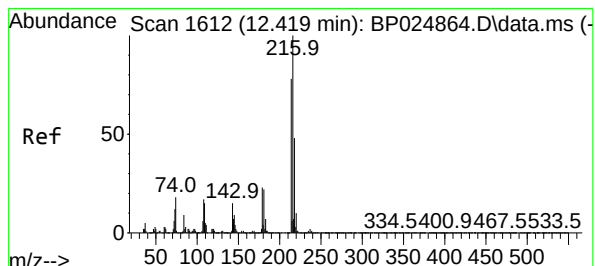
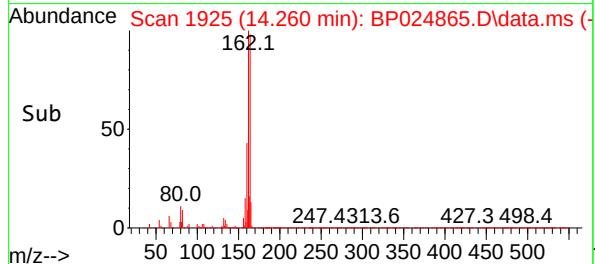
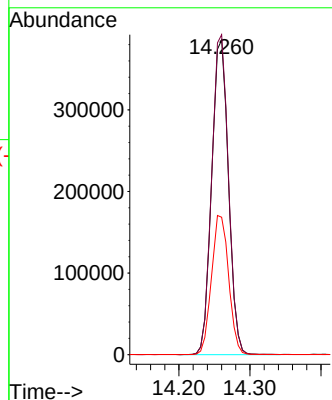
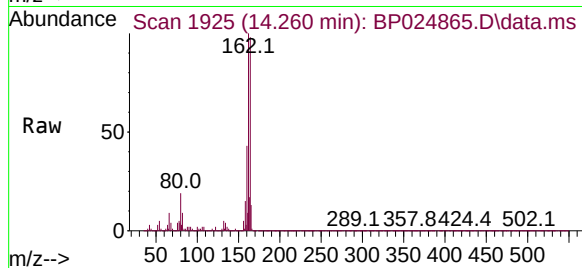




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.260 min Scan# 1925
Delta R.T. 0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

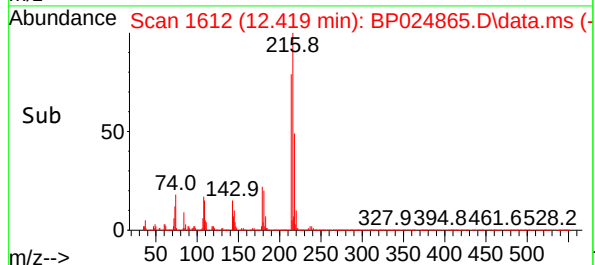
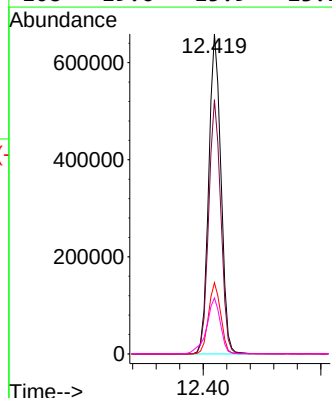
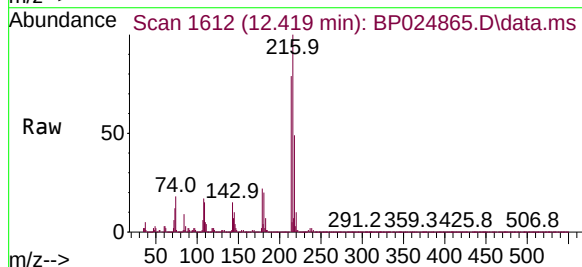
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

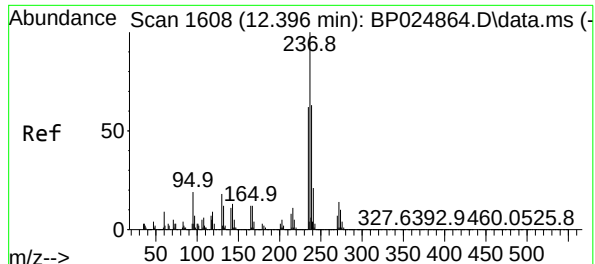
Tgt Ion:164 Resp: 631564
Ion Ratio Lower Upper
164 100
162 101.7 81.6 122.4
160 43.7 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.992 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:216 Resp: 949667
Ion Ratio Lower Upper
216 100
214 79.0 63.0 94.4
179 22.2 17.8 26.6
108 19.6 15.9 23.9

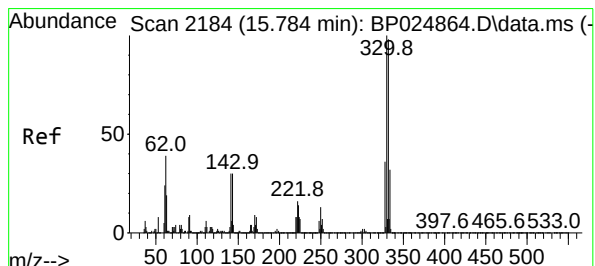
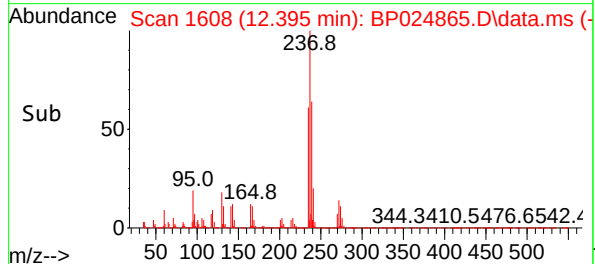
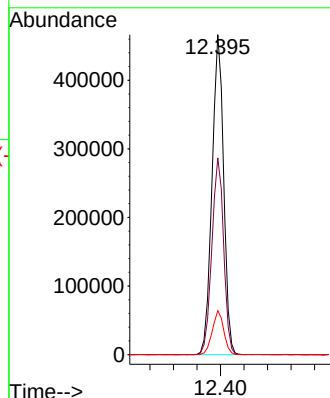
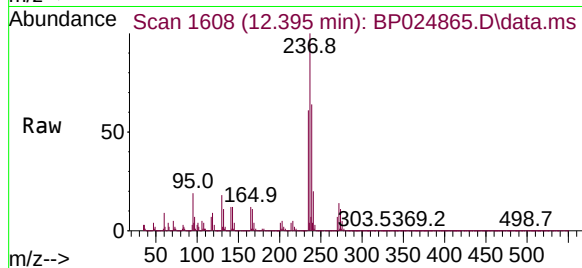




#41
Hexachlorocyclopentadiene
Concen: 58.420 ng
RT: 12.395 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

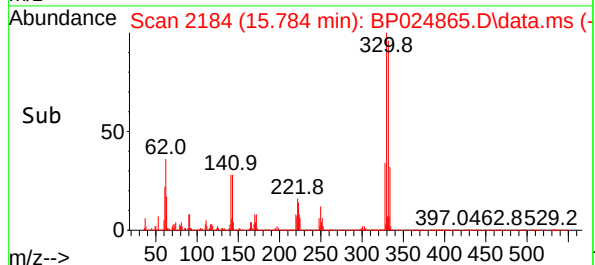
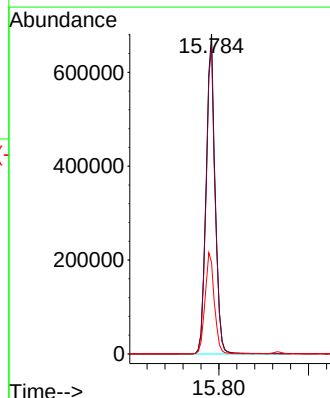
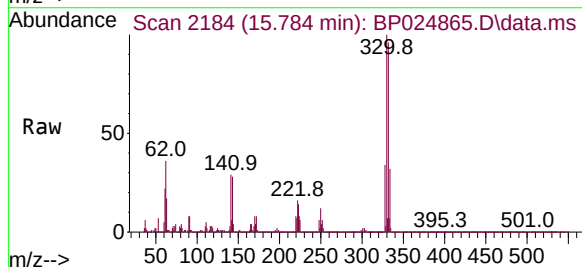
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

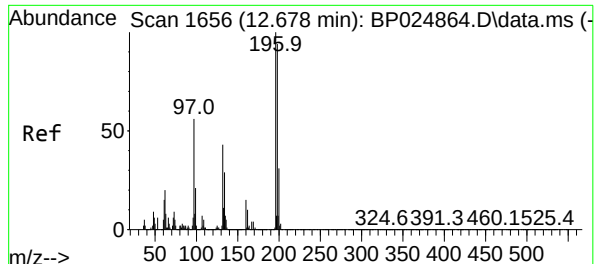
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.5	41.9	81.9
272	13.7	0.0	33.7



#42
2,4,6-Tribromophenol
Concen: 107.721 ng
RT: 15.784 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	32.9	26.4	39.6





#43

2,4,6-Trichlorophenol

Concen: 53.966 ng

RT: 12.678 min Scan# 1656

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

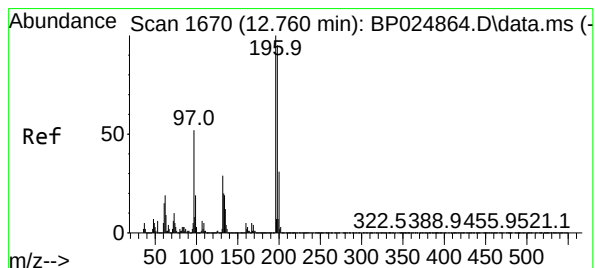
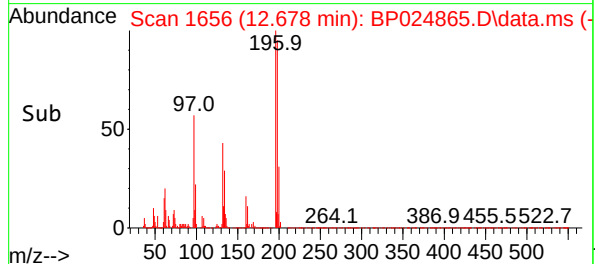
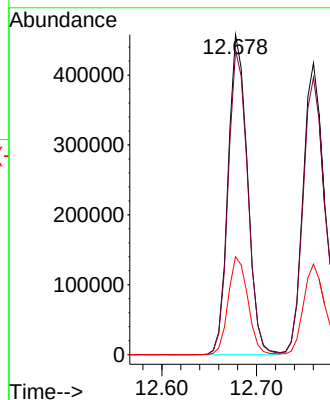
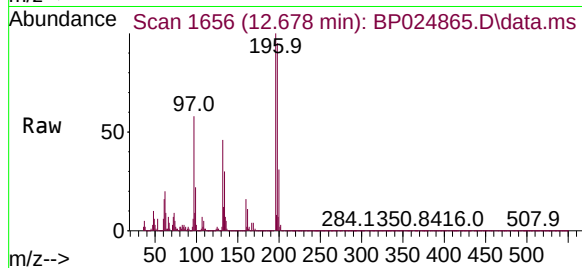
Tgt Ion:196 Resp: 649483

Ion Ratio Lower Upper

196 100

198 95.1 75.4 113.0

200 30.6 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 54.908 ng

RT: 12.760 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Tgt Ion:196 Resp: 707702

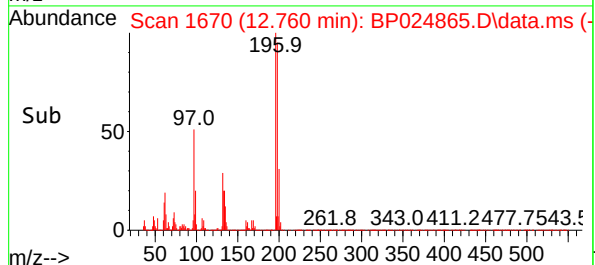
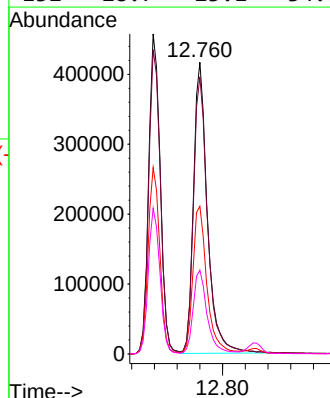
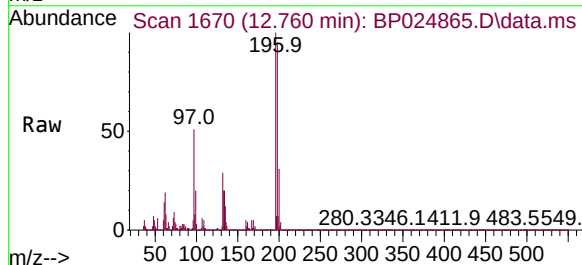
Ion Ratio Lower Upper

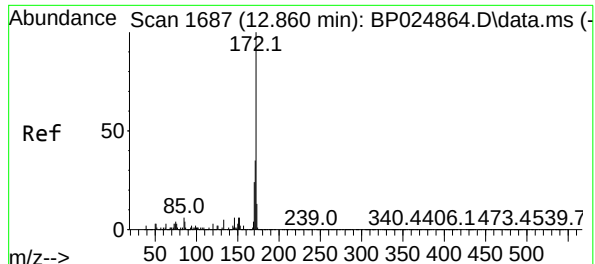
196 100

198 95.0 76.0 114.0

97 50.6 41.5 62.3

132 28.7 23.1 34.7

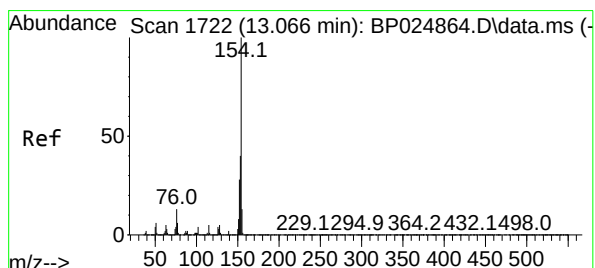
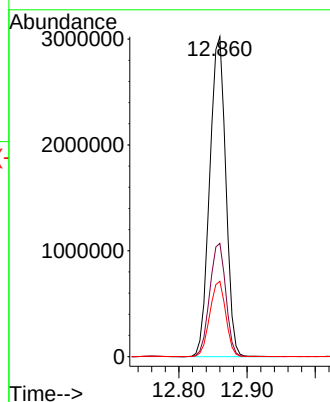
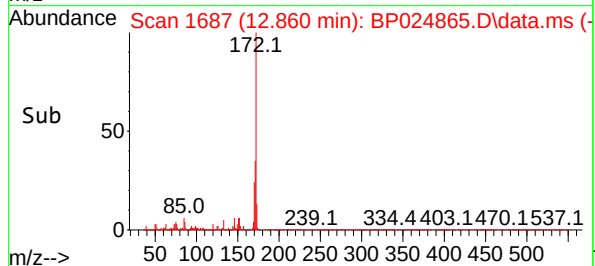
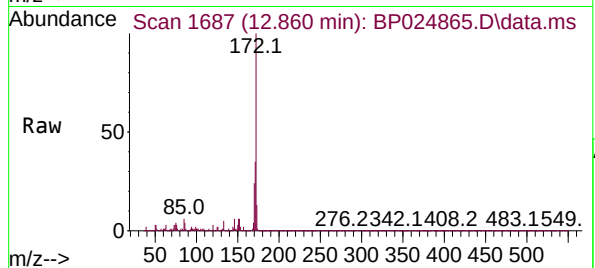




#45
2-Fluorobiphenyl
Concen: 105.263 ng
RT: 12.860 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

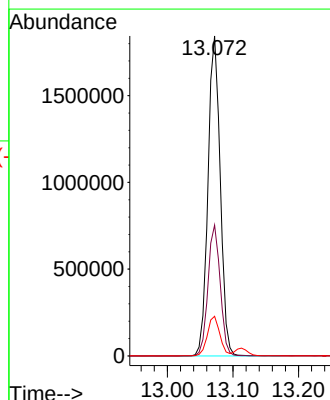
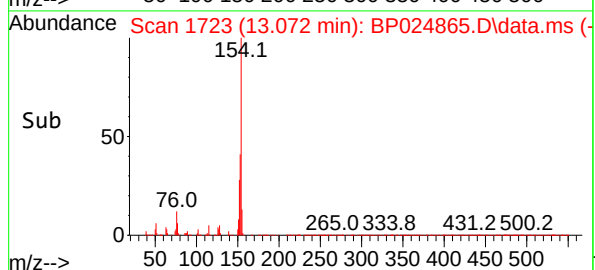
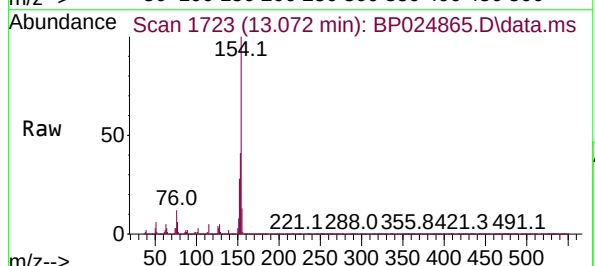
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

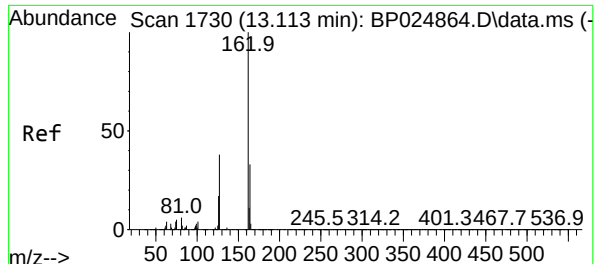
Tgt Ion:172 Resp: 4934980
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.5 19.0 28.4



#46
1,1'-Biphenyl
Concen: 51.916 ng
RT: 13.072 min Scan# 1723
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:154 Resp: 2382821
Ion Ratio Lower Upper
154 100
153 40.9 20.3 60.3
76 12.4 0.0 33.0





#47

2-Chloronaphthalene

Concen: 52.435 ng

RT: 13.113 min Scan# 1730

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

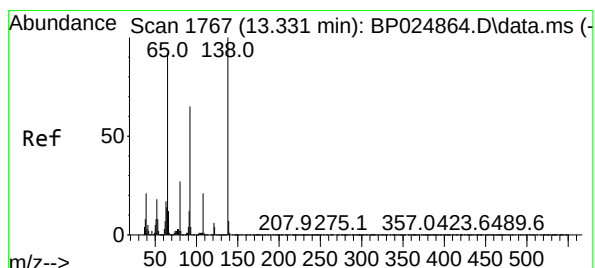
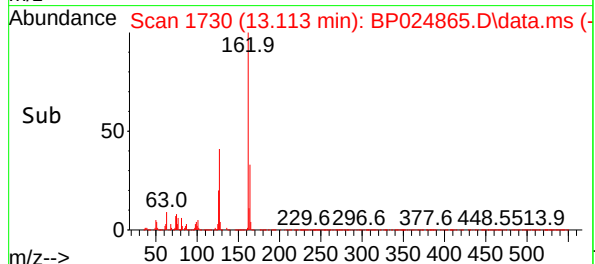
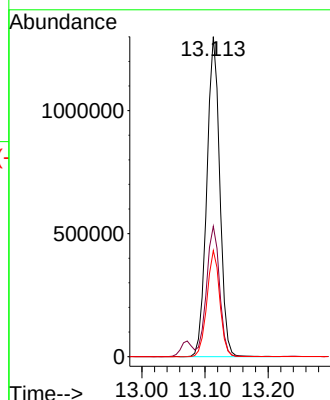
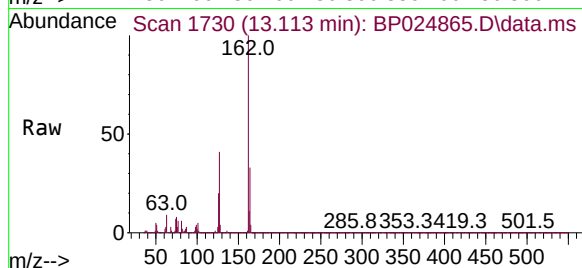
Tgt Ion:162 Resp: 1849683

Ion Ratio Lower Upper

162 100

127 40.7 32.5 48.7

164 33.1 26.2 39.2



#48

2-Nitroaniline

Concen: 54.079 ng

RT: 13.337 min Scan# 1768

Delta R.T. 0.006 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

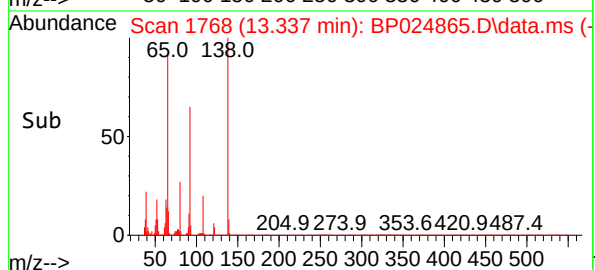
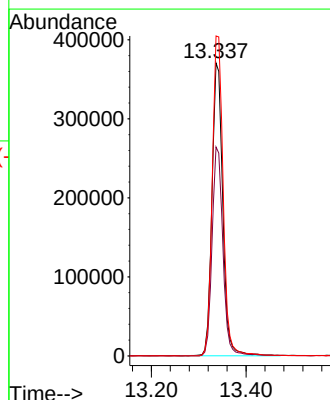
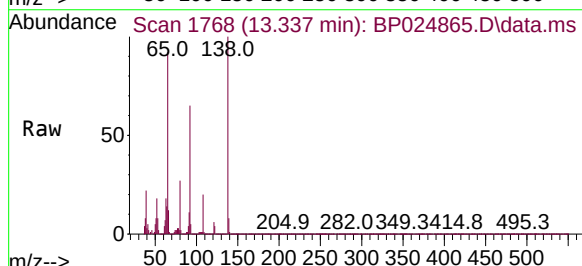
Tgt Ion: 65 Resp: 586484

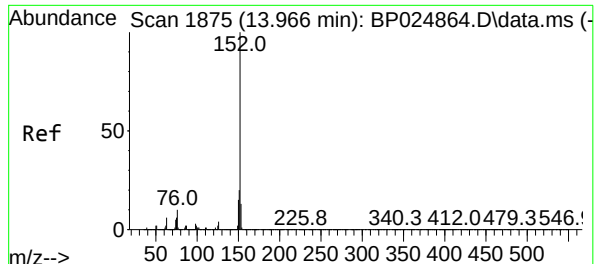
Ion Ratio Lower Upper

65 100

92 71.4 56.8 85.2

138 109.3 86.9 130.3

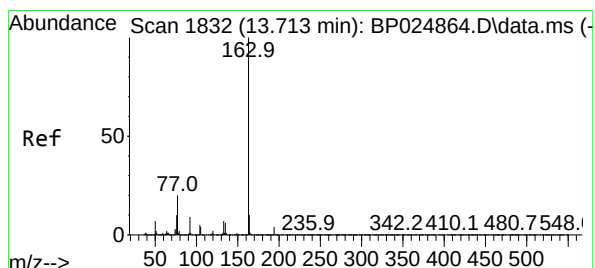
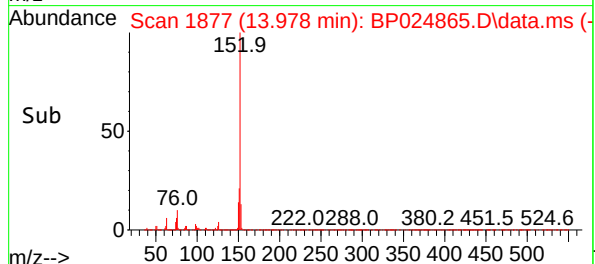
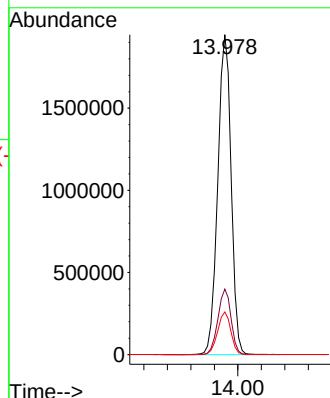
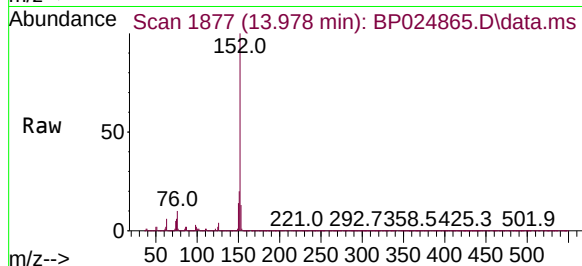




#49
Acenaphthylene
Concen: 52.061 ng
RT: 13.978 min Scan# 1877
Delta R.T. 0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

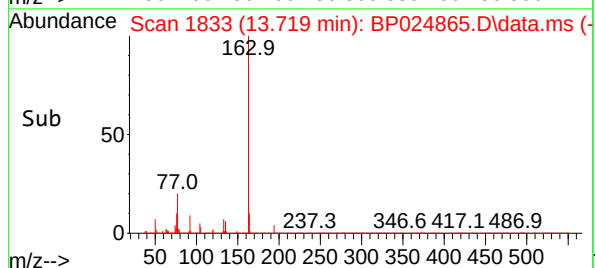
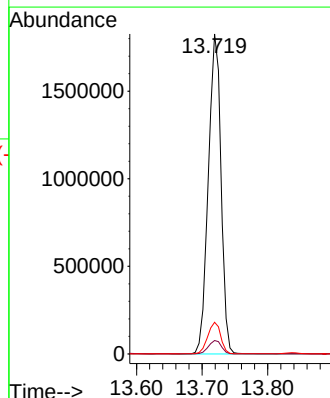
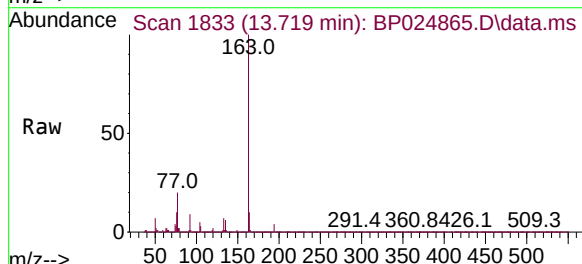
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

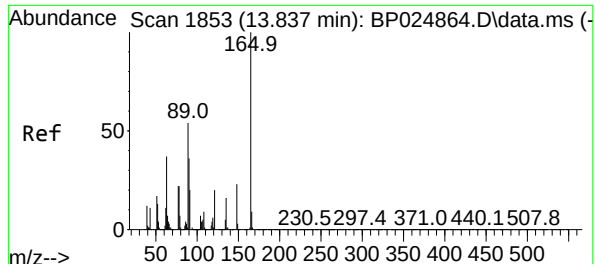
Tgt Ion:152 Resp: 3062130
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 52.527 ng
RT: 13.719 min Scan# 1833
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:163 Resp: 2447212
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.9 8.0 12.0

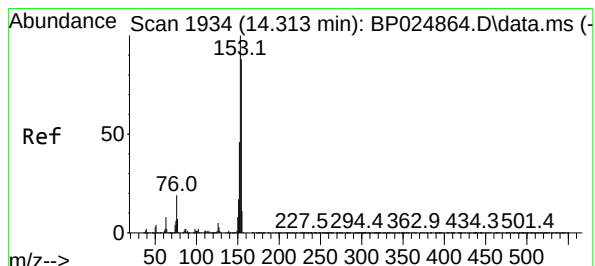
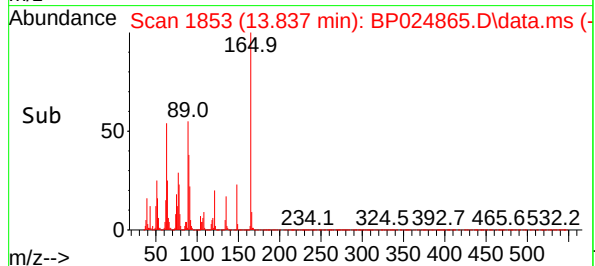
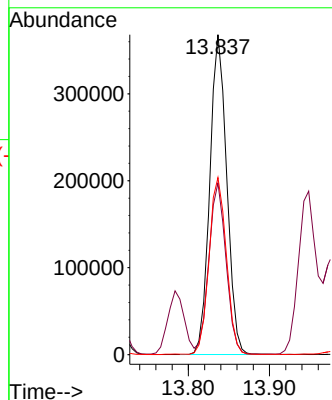
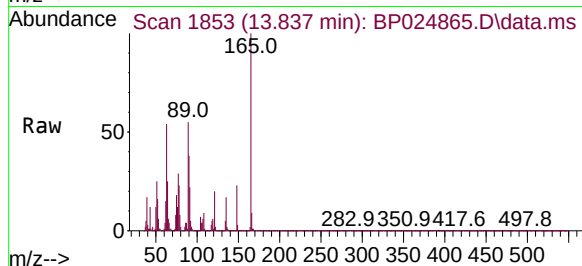




#51
2,6-Dinitrotoluene
Concen: 53.272 ng
RT: 13.837 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

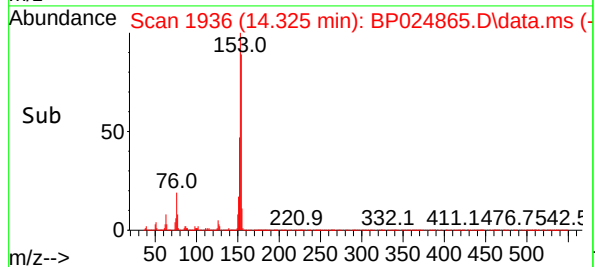
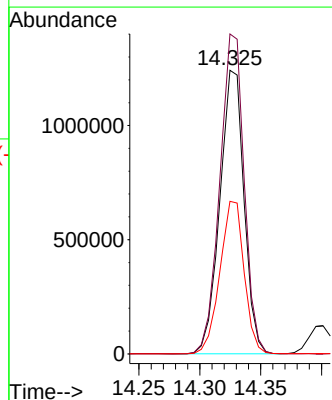
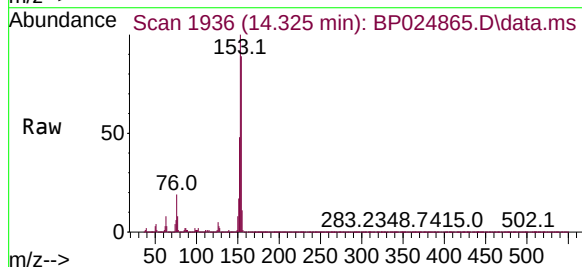
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

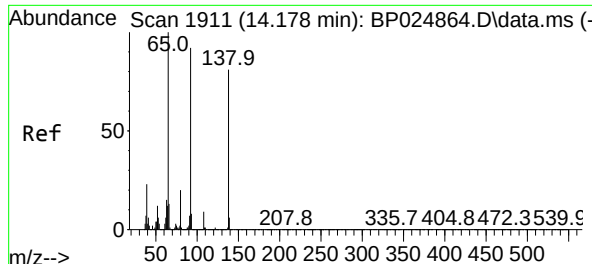
Tgt Ion:165 Resp: 535050
Ion Ratio Lower Upper
165 100
63 53.7 41.8 62.8
89 55.3 43.1 64.7



#52
Acenaphthene
Concen: 50.924 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:154 Resp: 1716357
Ion Ratio Lower Upper
154 100
153 112.8 90.5 135.7
152 53.8 42.1 63.1

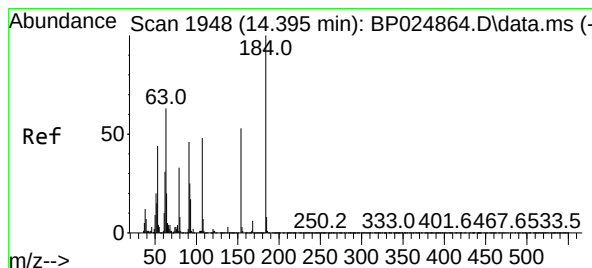
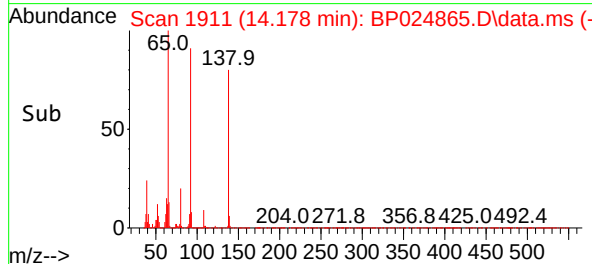
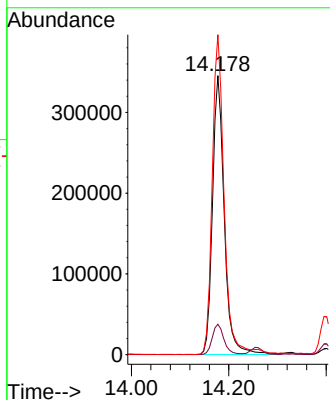
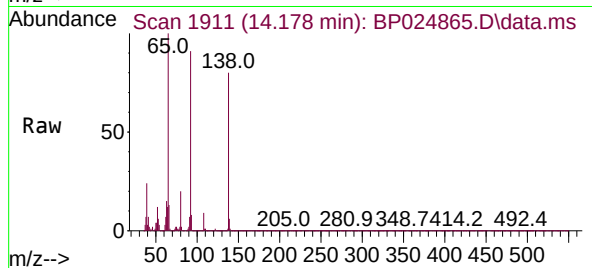




#53
3-Nitroaniline
Concen: 55.664 ng
RT: 14.178 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

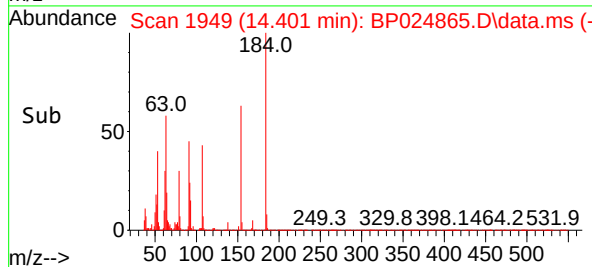
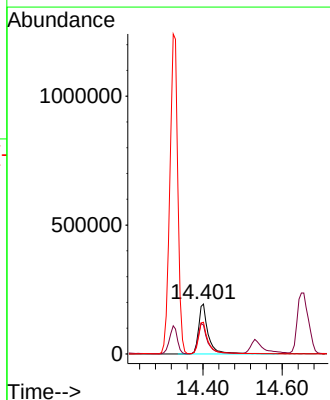
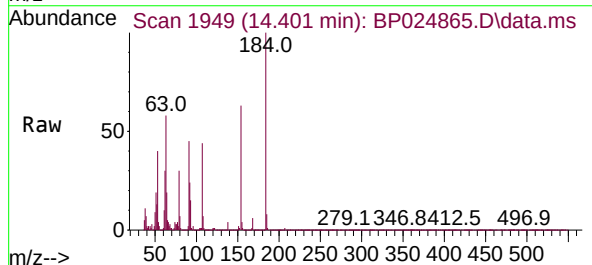
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

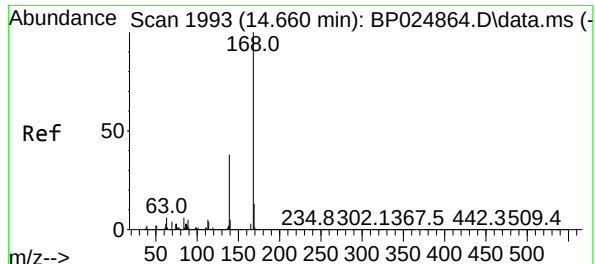
Tgt Ion:138 Resp: 580183
Ion Ratio Lower Upper
138 100
108 10.8 8.6 12.8
92 114.7 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 51.248 ng
RT: 14.401 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:184 Resp: 321110
Ion Ratio Lower Upper
184 100
63 57.7 51.0 76.4
154 63.4 51.7 77.5

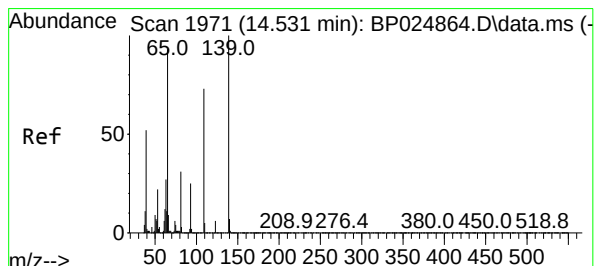
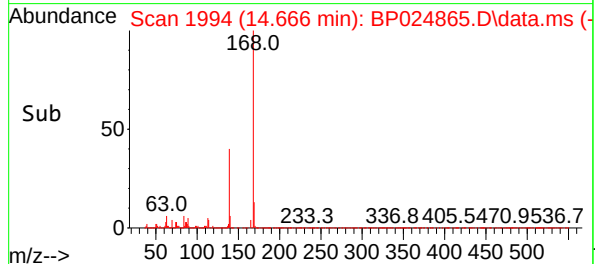
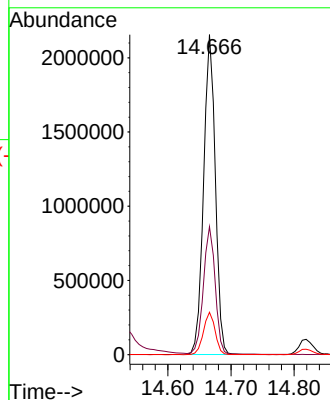
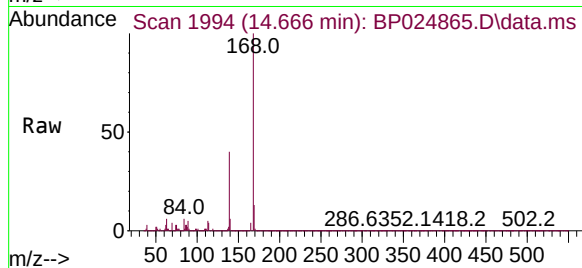




#55
Dibenzenofuran
Concen: 51.272 ng
RT: 14.666 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

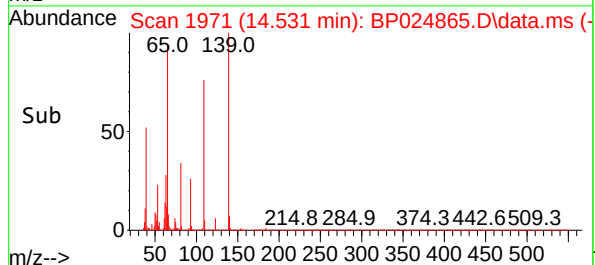
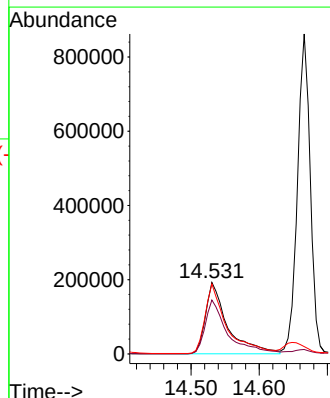
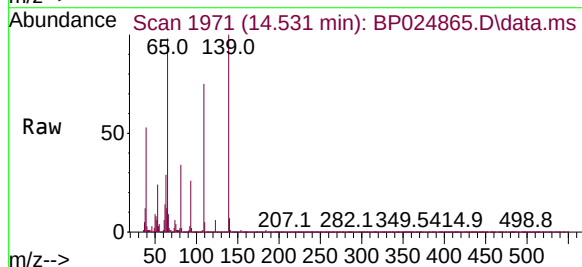
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

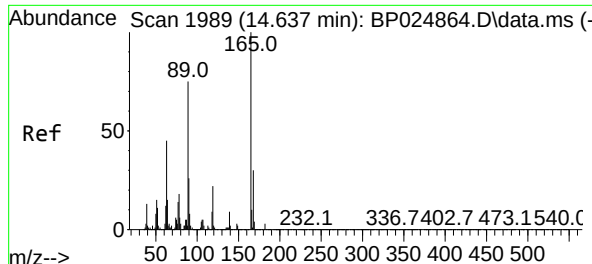
Tgt Ion:168 Resp: 2773911
Ion Ratio Lower Upper
168 100
139 40.0 31.6 47.4
169 13.2 10.6 15.8



#56
4-Nitrophenol
Concen: 51.384 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:139 Resp: 435101
Ion Ratio Lower Upper
139 100
109 75.4 53.1 93.1
65 98.1 73.0 113.0

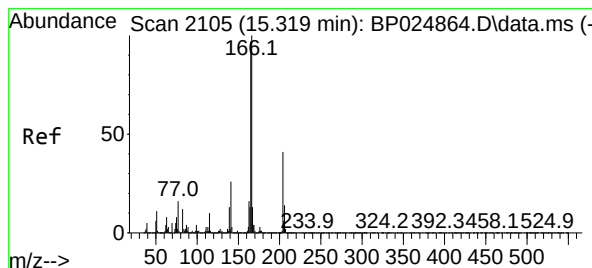
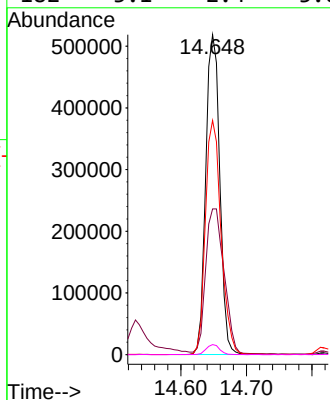
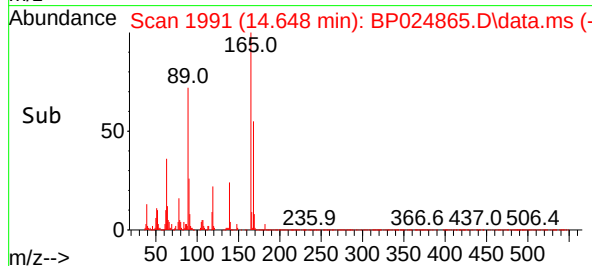
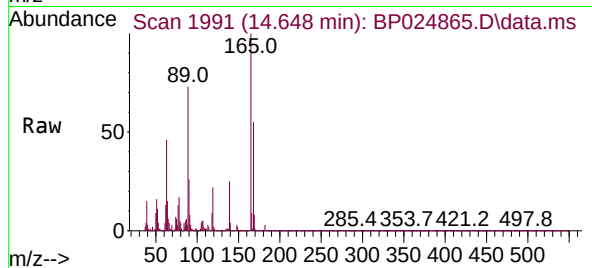




#57
2,4-Dinitrotoluene
Concen: 54.706 ng
RT: 14.648 min Scan# 1989
Delta R.T. 0.011 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

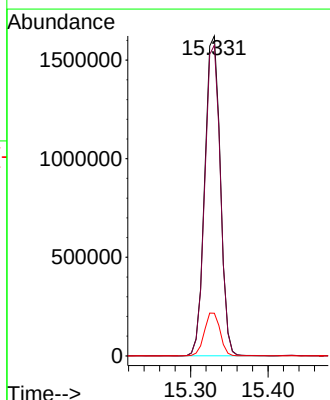
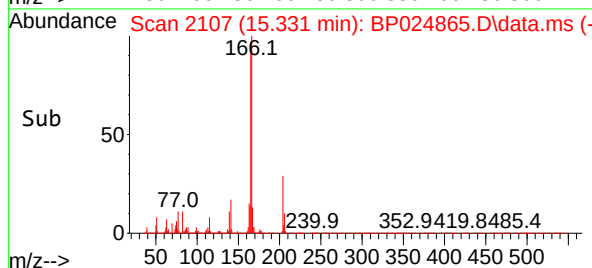
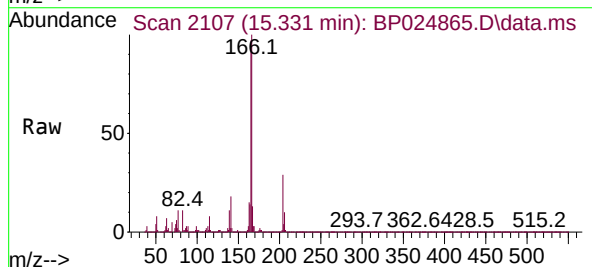
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

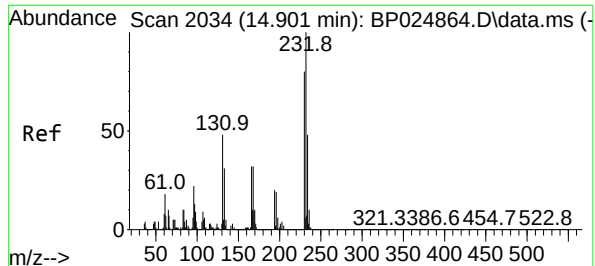
Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.5	37.0	55.6
89	73.2	60.1	90.1
182	3.1	2.4	3.6



#58
Fluorene
Concen: 51.819 ng
RT: 15.331 min Scan# 2107
Delta R.T. 0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.7	116.5
167	13.4	10.6	16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 54.063 ng

RT: 14.907 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:232 Resp: 623685

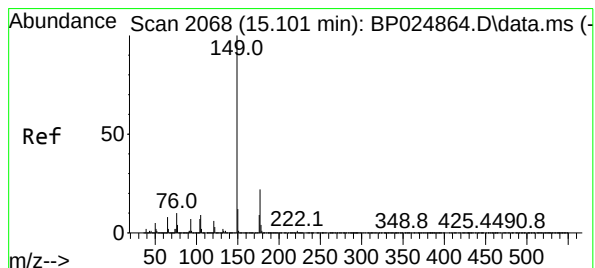
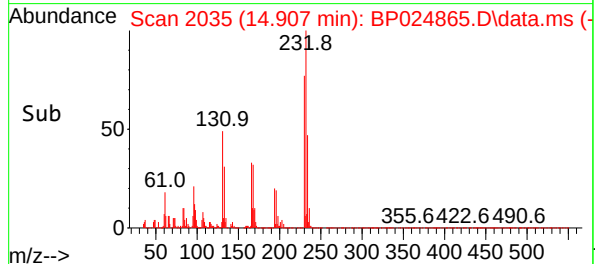
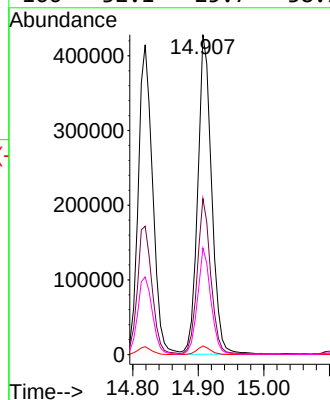
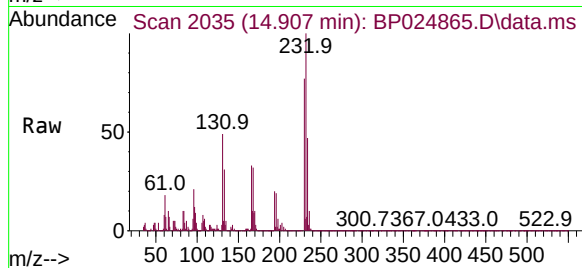
Ion Ratio Lower Upper

232 100

131 47.7 38.2 57.2

130 2.6 2.1 3.1

166 32.1 25.7 38.5



#60

Diethylphthalate

Concen: 52.523 ng

RT: 15.101 min Scan# 2068

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

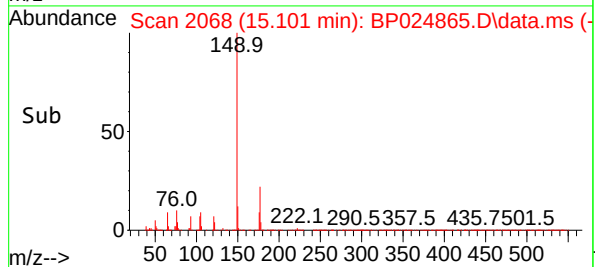
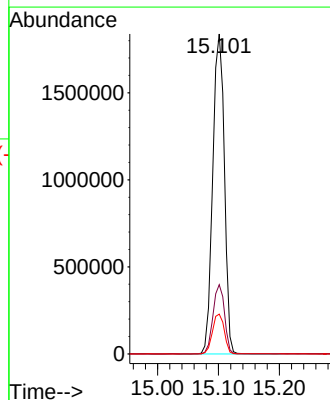
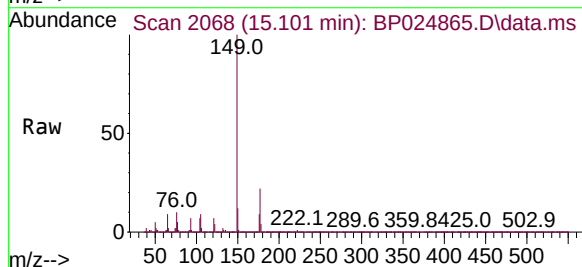
Tgt Ion:149 Resp: 2438733

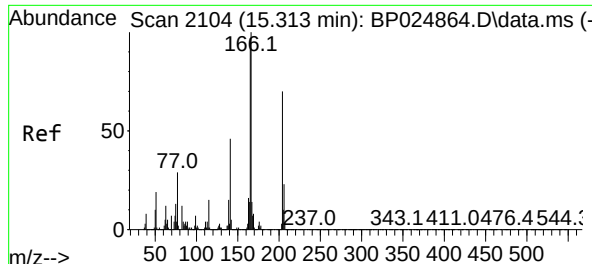
Ion Ratio Lower Upper

149 100

177 21.6 17.9 26.9

150 12.4 9.8 14.6

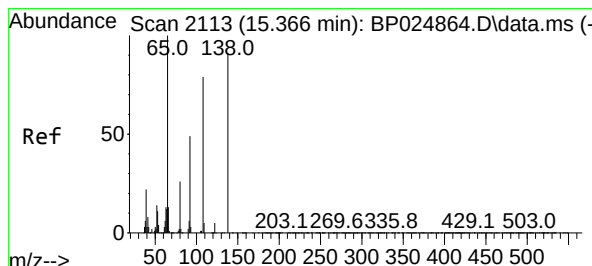
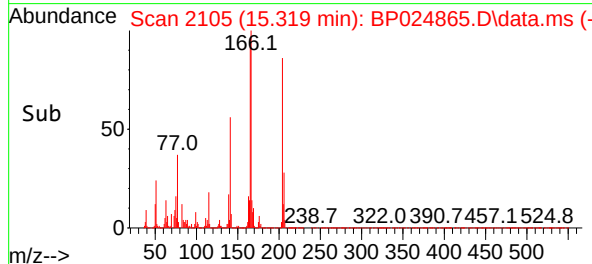
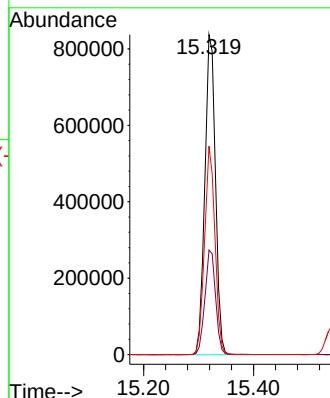
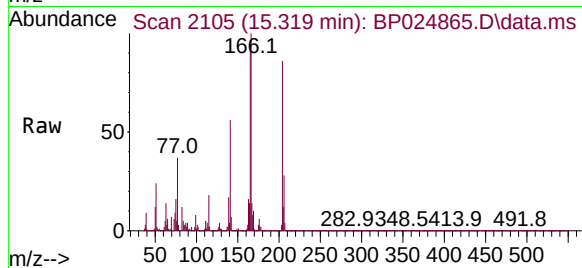




#61
4-Chlorophenyl-phenylether
Concen: 52.365 ng
RT: 15.319 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

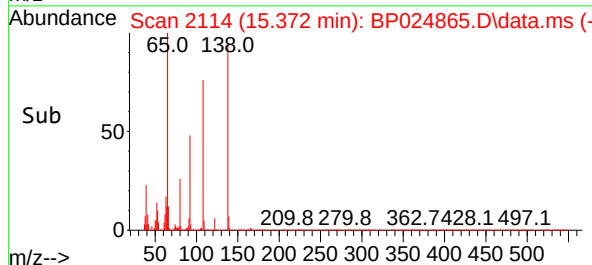
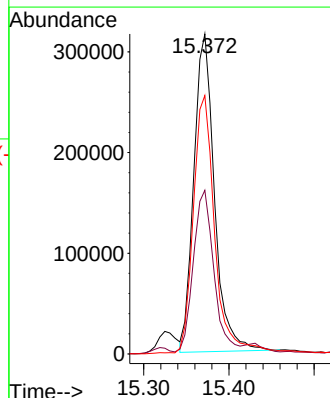
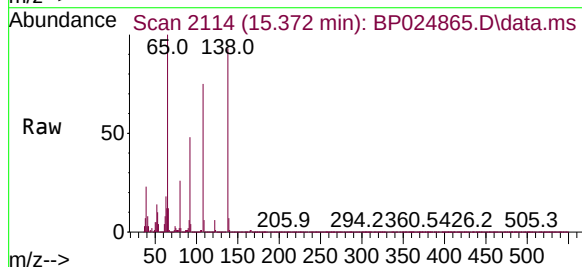
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

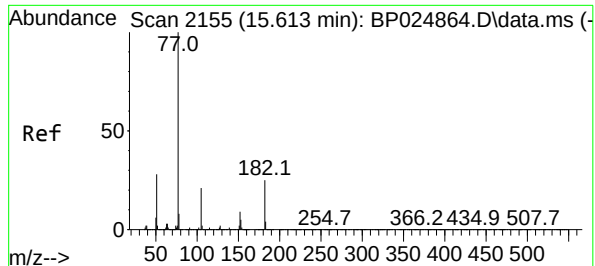
Tgt Ion:204 Resp: 1118999
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 65.1 52.4 78.6



#62
4-Nitroaniline
Concen: 56.050 ng
RT: 15.372 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:138 Resp: 530012
Ion Ratio Lower Upper
138 100
92 51.1 33.5 73.5
108 80.7 65.1 105.1

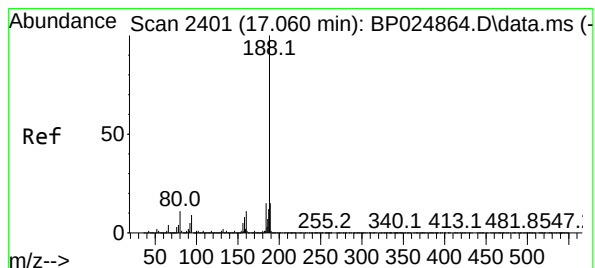
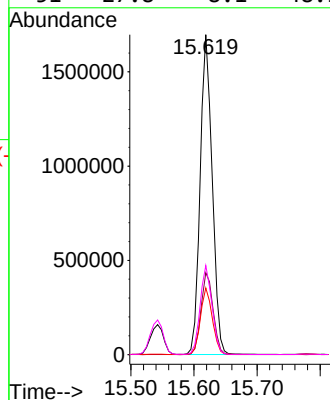
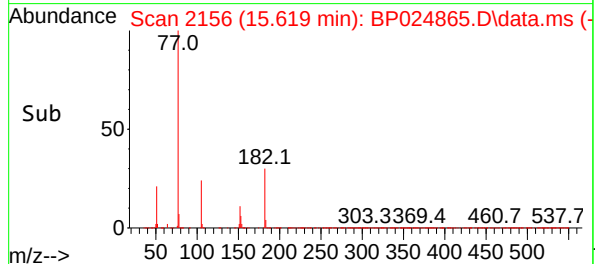
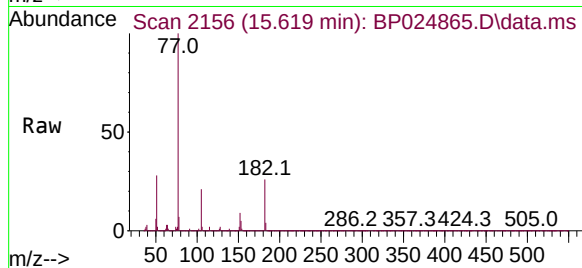




#63
Azobenzene
Concen: 52.821 ng
RT: 15.619 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

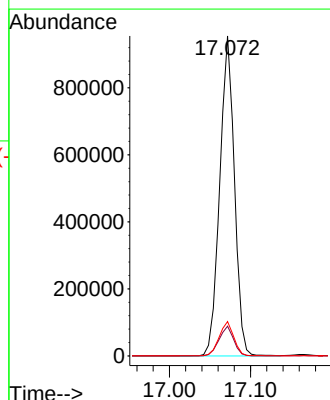
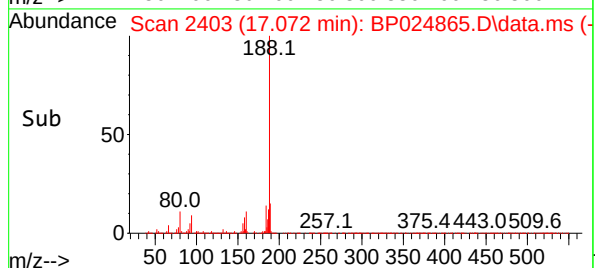
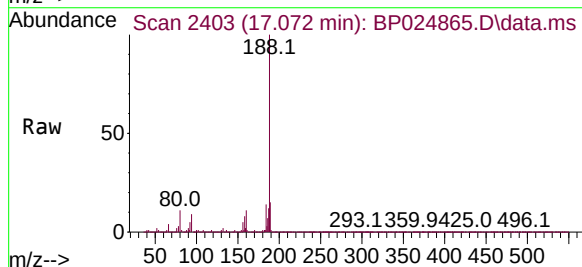
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

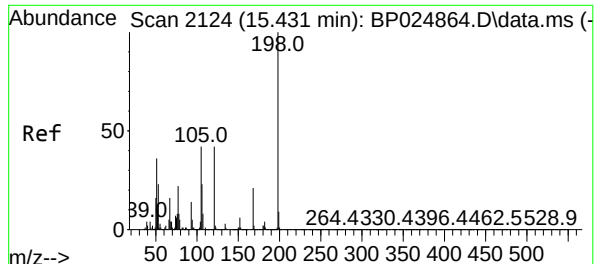
Tgt Ion: 77 Resp: 2249353
Ion Ratio Lower Upper
77 100
182 25.6 5.4 45.4
105 20.8 0.8 40.8
51 27.8 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.072 min Scan# 2403
Delta R.T. 0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion: 188 Resp: 1197709
Ion Ratio Lower Upper
188 100
94 9.3 7.3 10.9
80 10.7 8.5 12.7

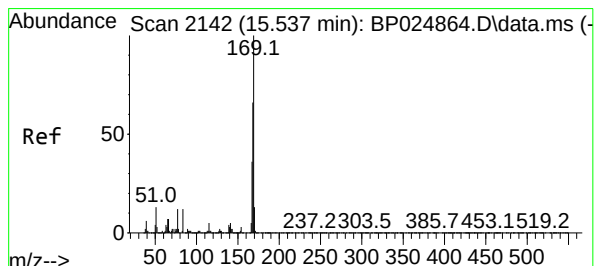
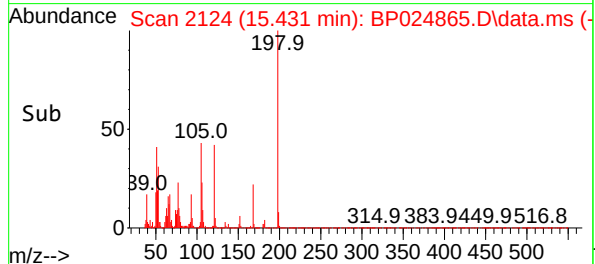
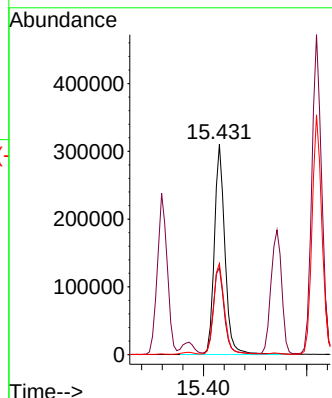
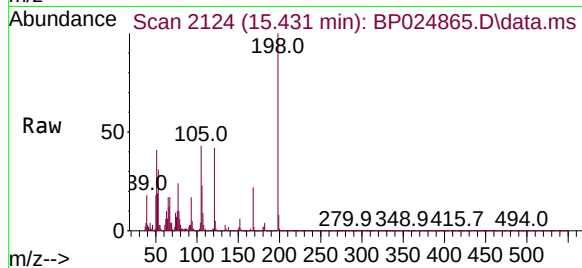




#65
4,6-Dinitro-2-methylphenol
Concen: 55.863 ng
RT: 15.431 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

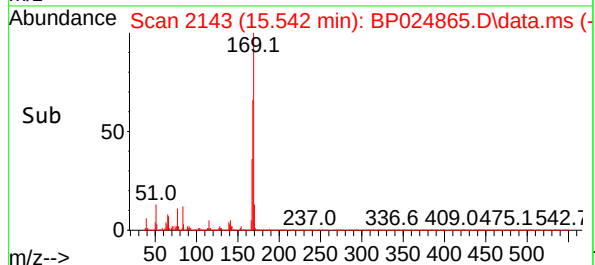
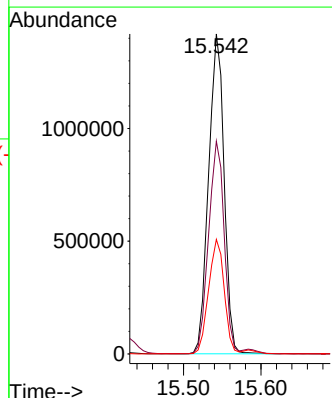
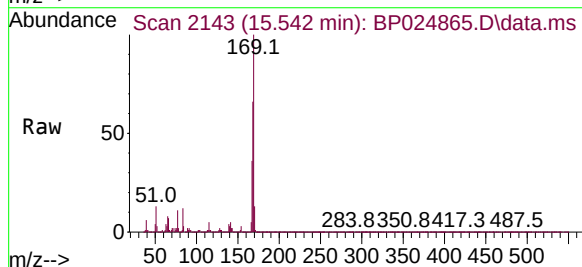
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

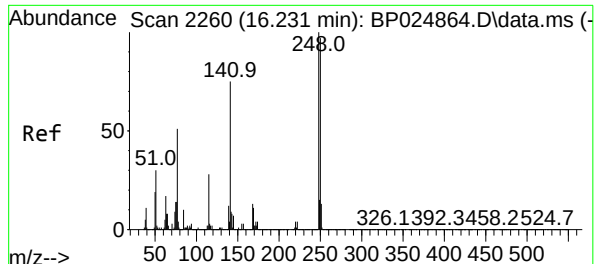
Tgt Ion:198 Resp: 439647
Ion Ratio Lower Upper
198 100
51 41.4 19.2 59.2
105 43.3 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 53.178 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:169 Resp: 1974147
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.6
167 35.8 28.6 43.0





#67

4-Bromophenyl-phenylether

Concen: 54.595 ng

RT: 16.236 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

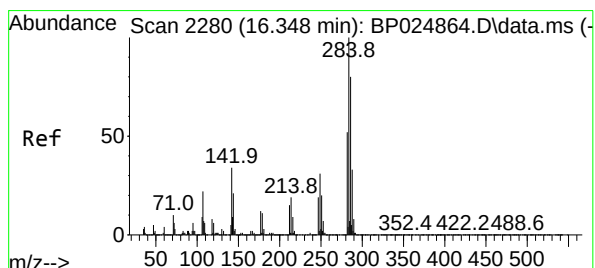
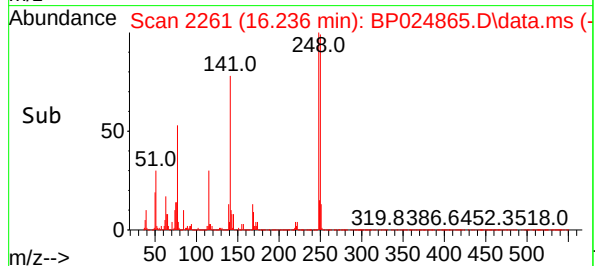
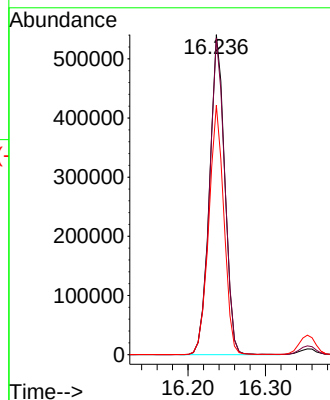
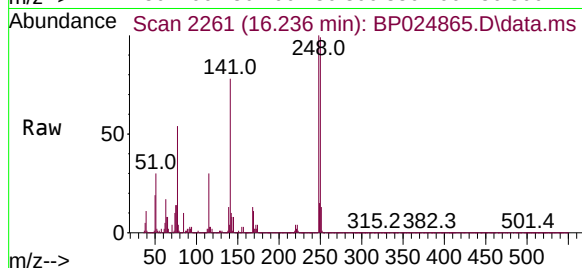
Tgt Ion:248 Resp: 737798

Ion Ratio Lower Upper

248 100

250 98.8 77.4 116.2

141 77.9 59.9 89.9



#68

Hexachlorobenzene

Concen: 52.948 ng

RT: 16.354 min Scan# 2281

Delta R.T. 0.006 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

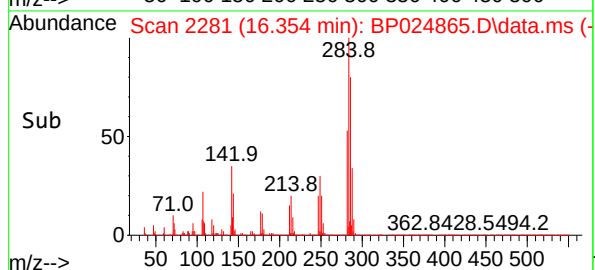
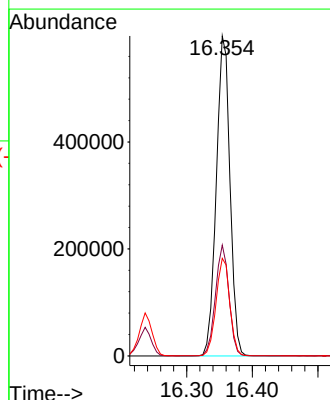
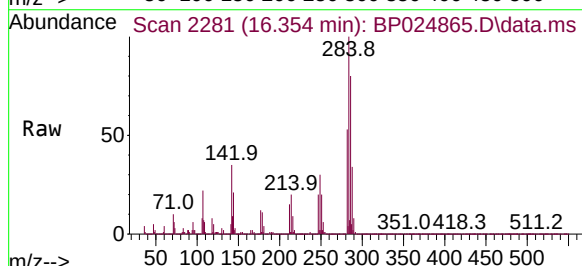
Tgt Ion:284 Resp: 867444

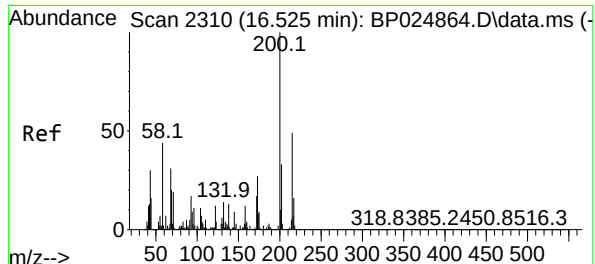
Ion Ratio Lower Upper

284 100

142 34.6 27.0 40.6

249 30.5 25.0 37.6





#69

Atrazine

Concen: 54.392 ng

RT: 16.531 min Scan# 2311

Delta R.T. 0.006 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

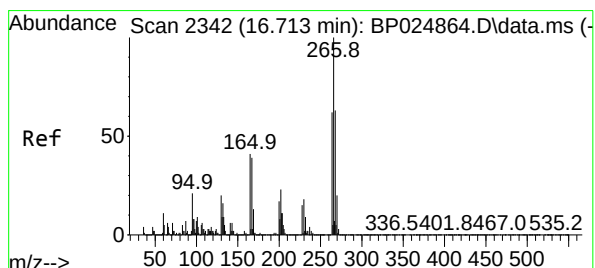
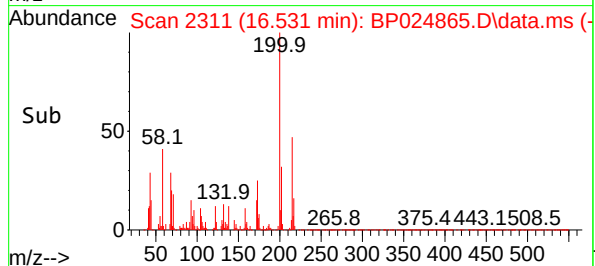
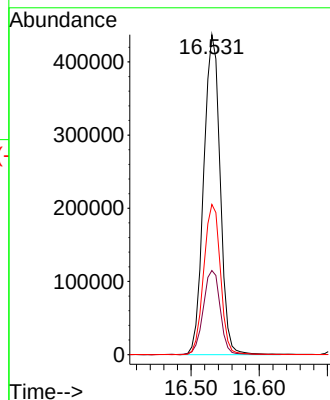
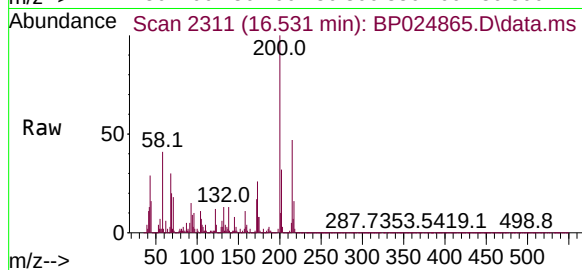
Tgt Ion:200 Resp: 732007

Ion Ratio Lower Upper

200 100

173 26.3 6.9 46.9

215 46.9 28.7 68.7



#70

Pentachlorophenol

Concen: 57.349 ng

RT: 16.725 min Scan# 2344

Delta R.T. 0.012 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

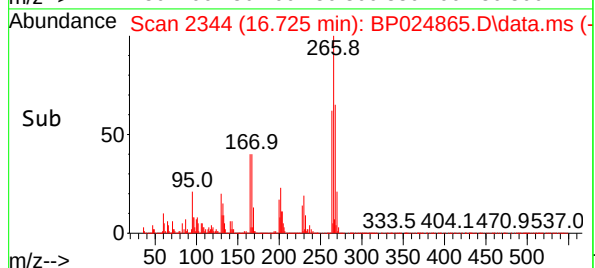
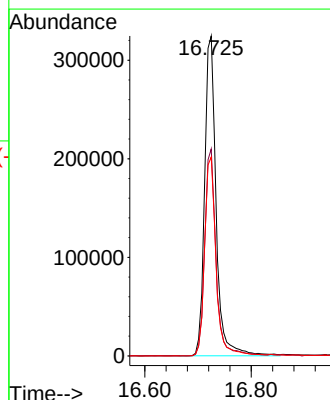
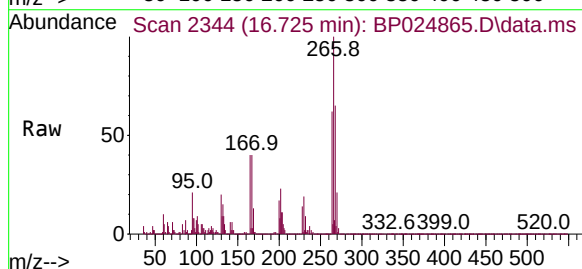
Tgt Ion:266 Resp: 486264

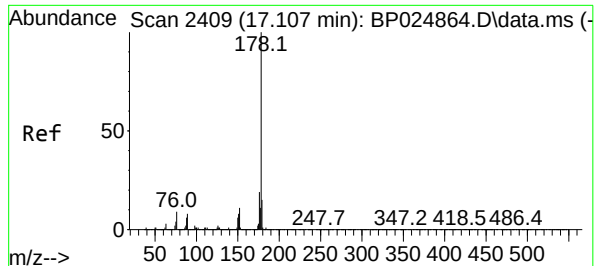
Ion Ratio Lower Upper

266 100

268 64.7 50.6 76.0

264 62.2 49.7 74.5

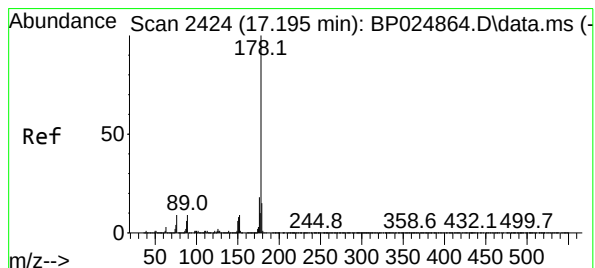
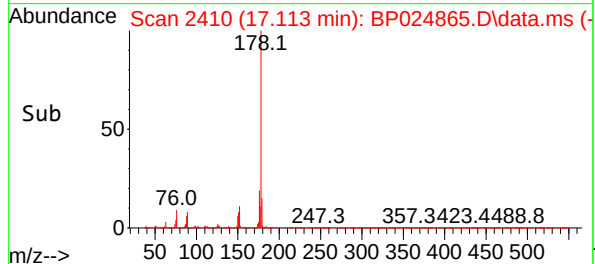
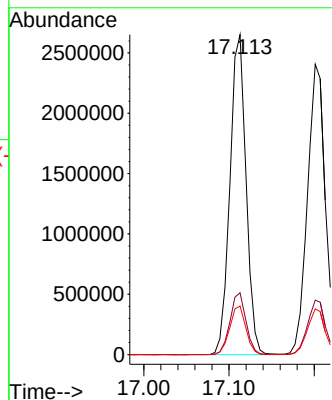
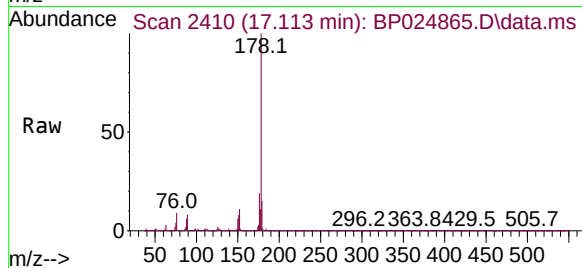




#71
Phenanthrene
Concen: 52.543 ng
RT: 17.113 min Scan# 2409
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

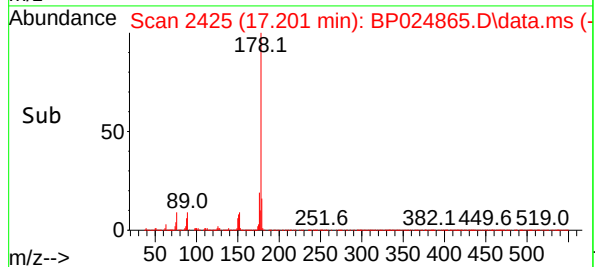
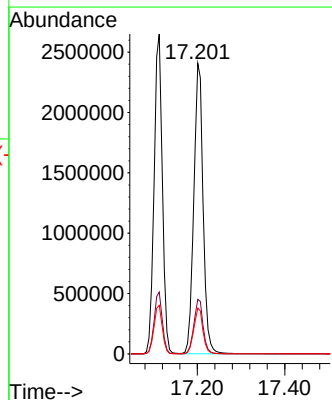
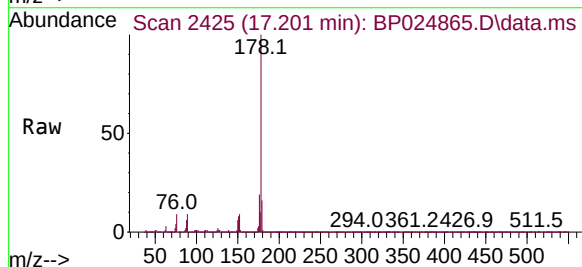
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

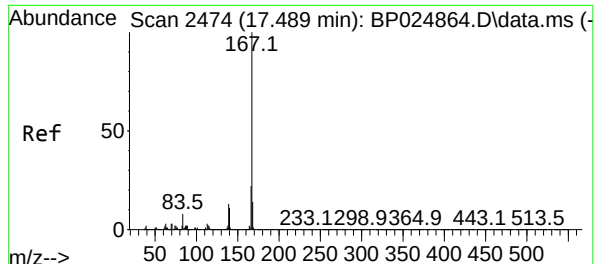
Tgt Ion:178 Resp: 3477677
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.2 12.1 18.1



#72
Anthracene
Concen: 53.089 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:178 Resp: 3558691
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.7 12.3 18.5

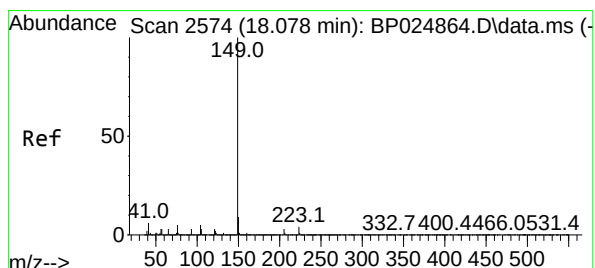
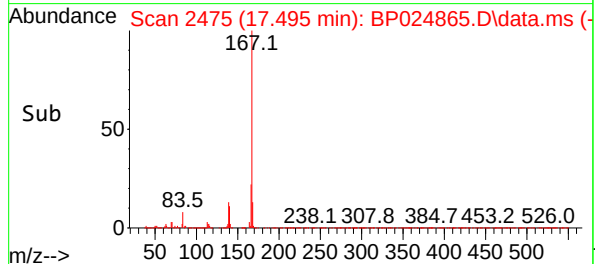
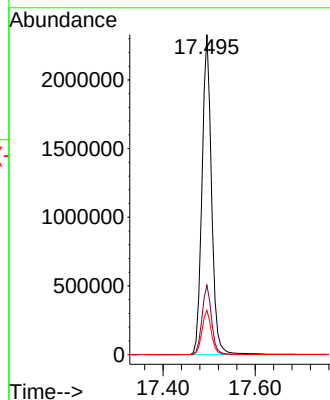
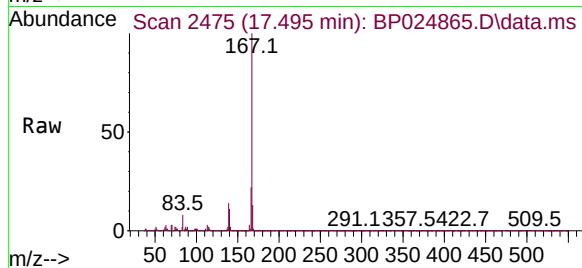




#73
Carbazole
Concen: 53.599 ng
RT: 17.495 min Scan# 2474
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

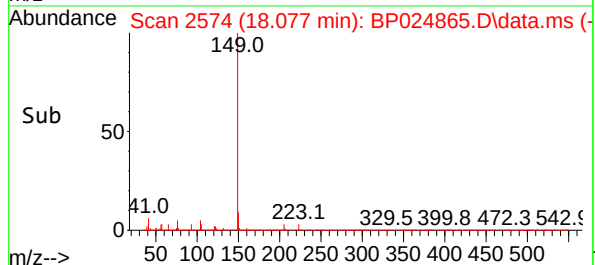
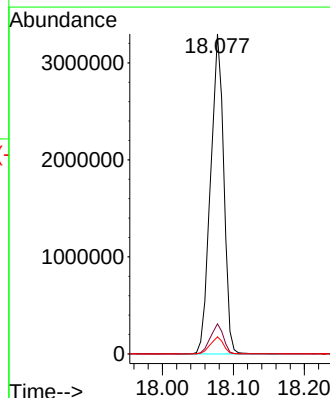
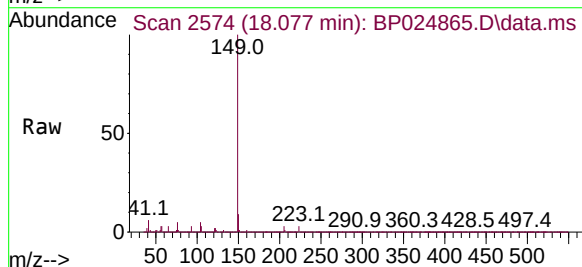
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

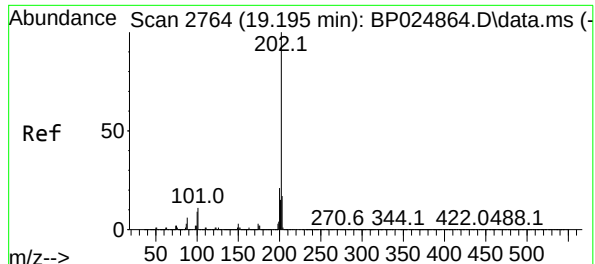
Tgt Ion:167 Resp: 3330211
Ion Ratio Lower Upper
167 100
166 21.7 17.3 25.9
139 13.8 10.8 16.2



#74
Di-n-butylphthalate
Concen: 55.253 ng
RT: 18.077 min Scan# 2574
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:149 Resp: 4253447
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 5.3 4.2 6.2

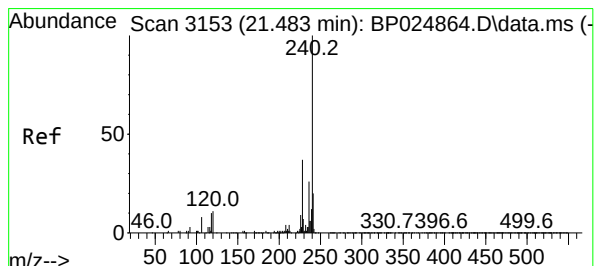
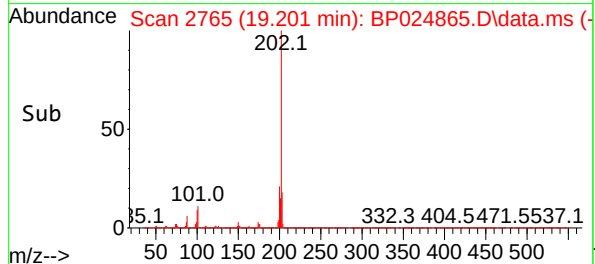
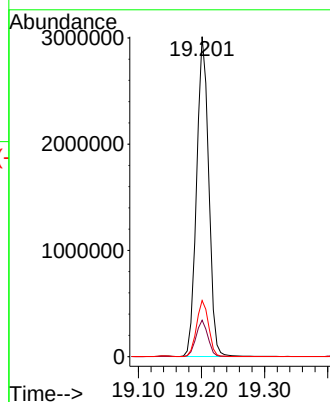
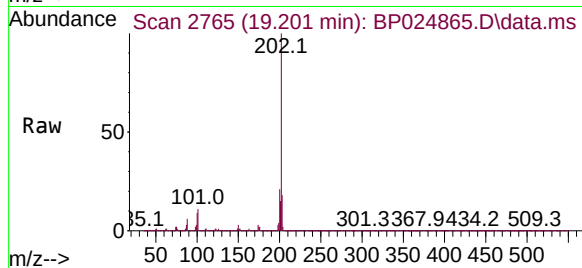




#75
Fluoranthene
Concen: 52.455 ng
RT: 19.201 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

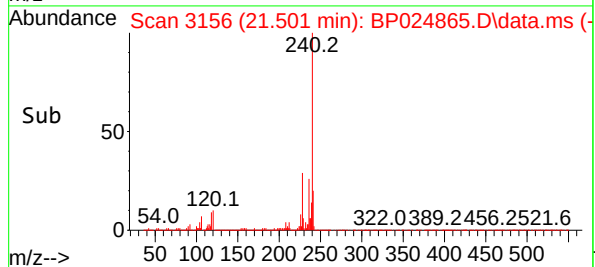
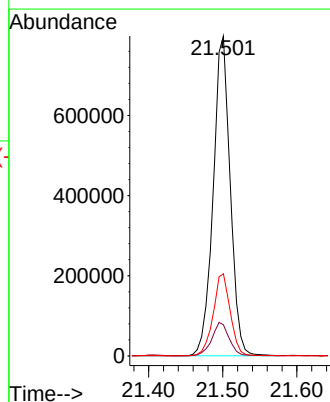
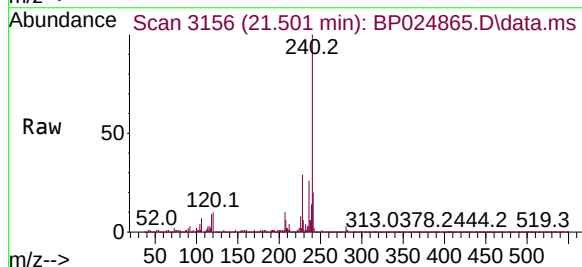
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

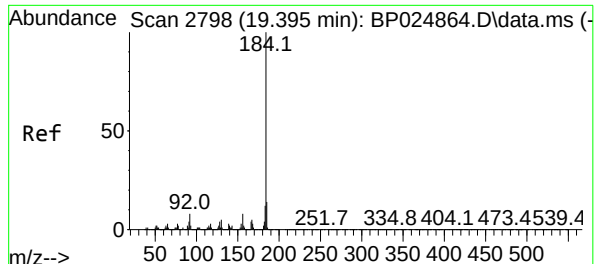
Tgt Ion:202 Resp: 4024039
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.501 min Scan# 3156
Delta R.T. 0.017 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:240 Resp: 1276071
Ion Ratio Lower Upper
240 100
120 9.7 8.9 13.3
236 25.7 20.9 31.3

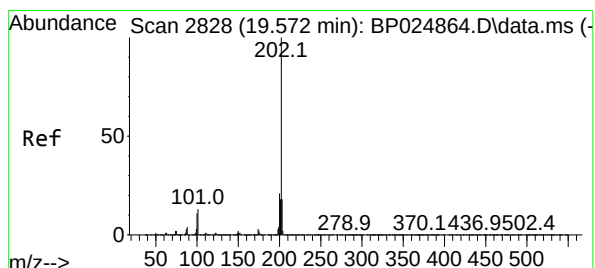
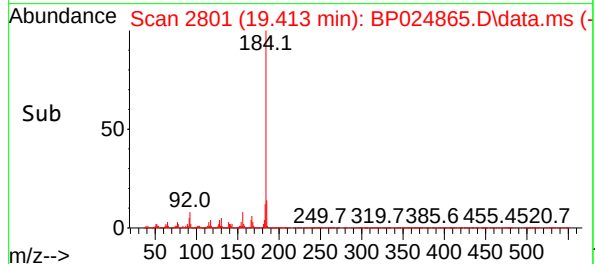
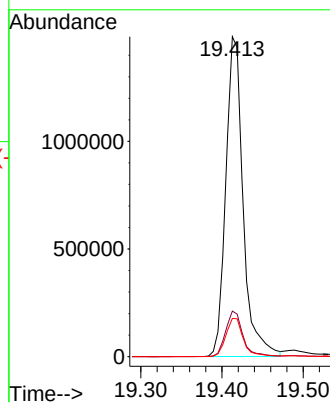
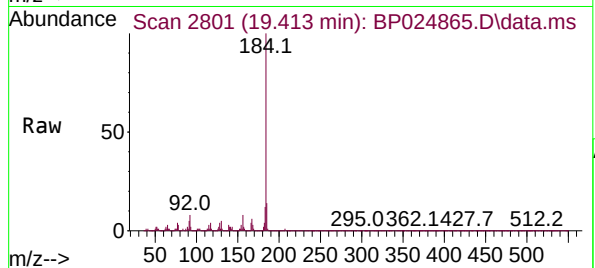




#77
Benzidine
Concen: 55.718 ng
RT: 19.413 min Scan# 2801
Delta R.T. 0.018 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

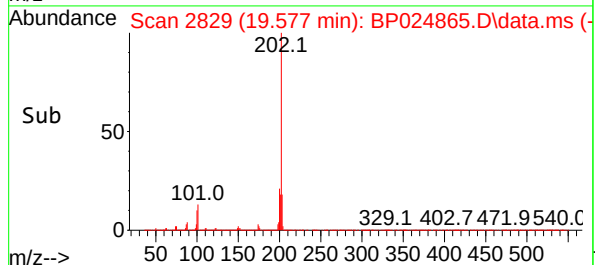
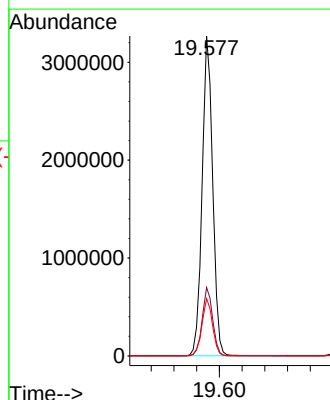
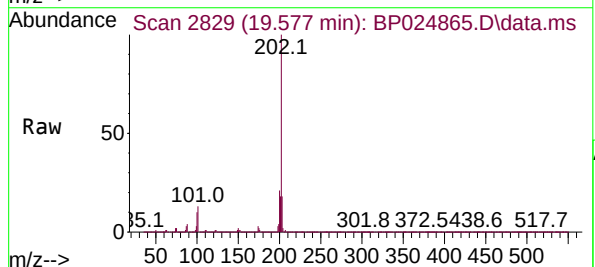
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

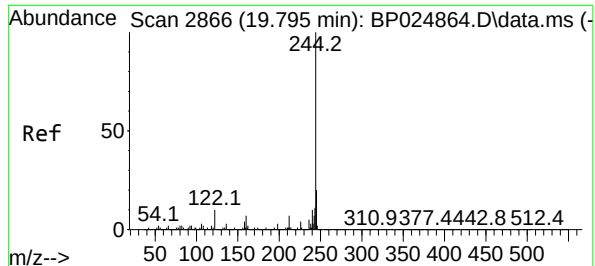
Tgt Ion:184 Resp: 2202092
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.0
183 11.9 9.5 14.3



#78
Pyrene
Concen: 52.900 ng
RT: 19.577 min Scan# 2829
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:202 Resp: 4217295
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.9 14.0 21.0

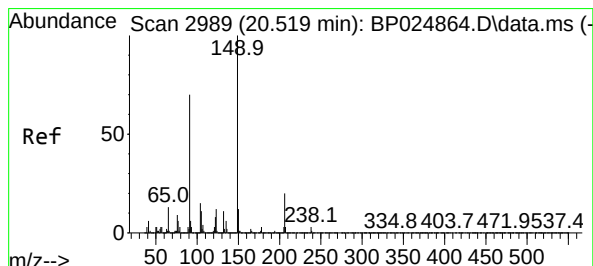
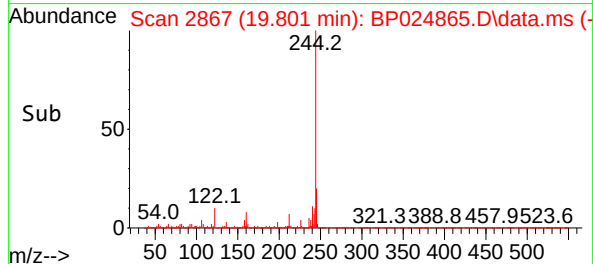
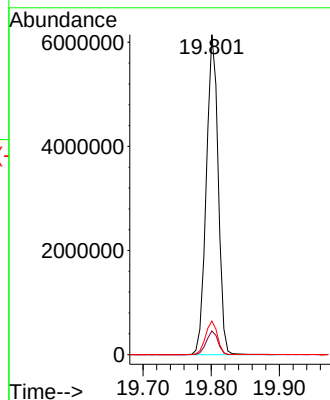
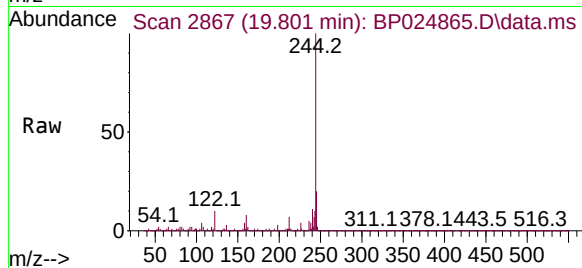




#79
Terphenyl-d14
Concen: 104.339 ng
RT: 19.801 min Scan# 2866
Delta R.T. 0.006 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

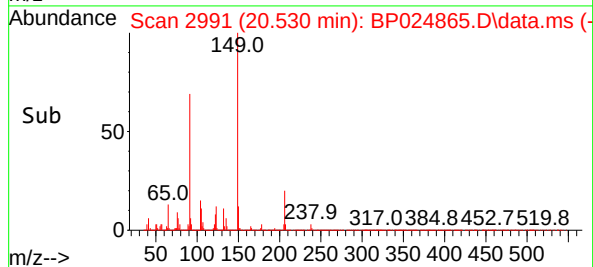
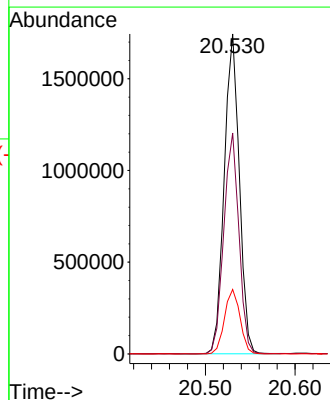
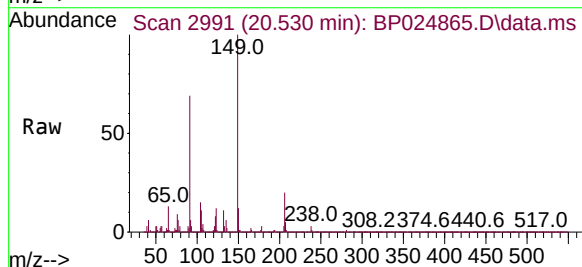
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

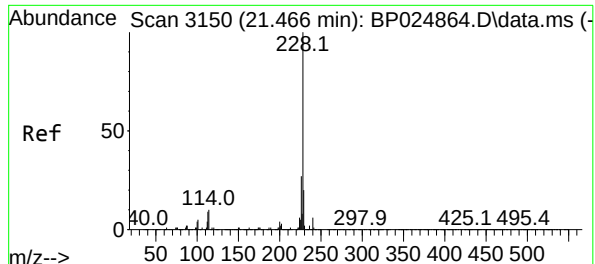
Tgt Ion:244 Resp: 7428863
Ion Ratio Lower Upper
244 100
212 7.4 5.6 8.4
122 10.5 7.7 11.5



#80
Butylbenzylphthalate
Concen: 56.010 ng
RT: 20.530 min Scan# 2991
Delta R.T. 0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:149 Resp: 2045307
Ion Ratio Lower Upper
149 100
91 69.0 55.8 83.8
206 20.1 16.2 24.2

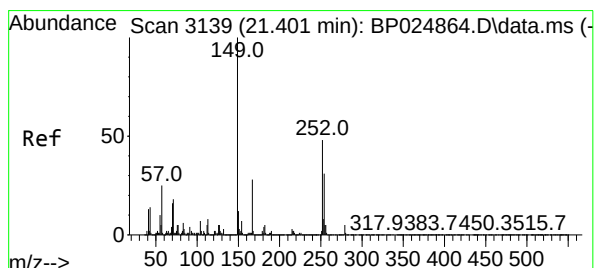
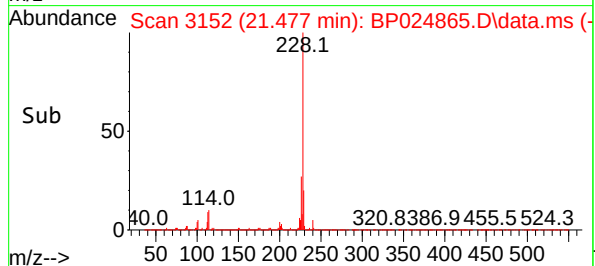
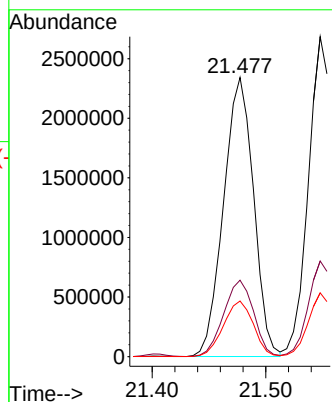
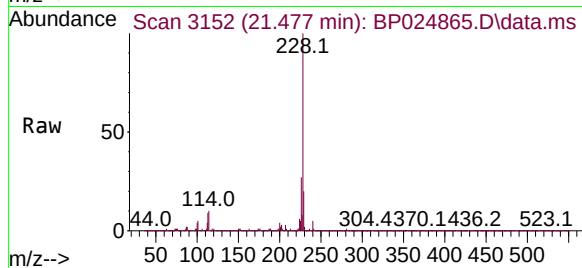




#81
Benzo(a)anthracene
Concen: 52.648 ng
RT: 21.477 min Scan# 3150
Delta R.T. 0.012 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

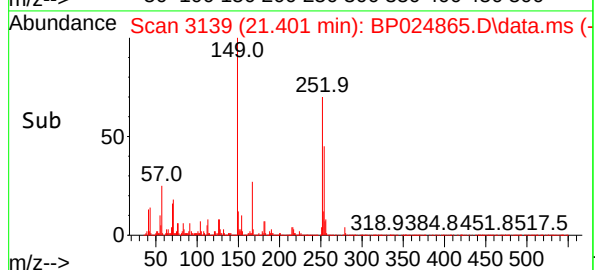
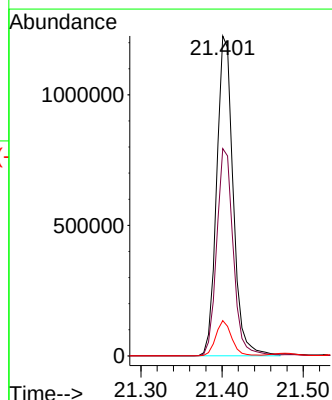
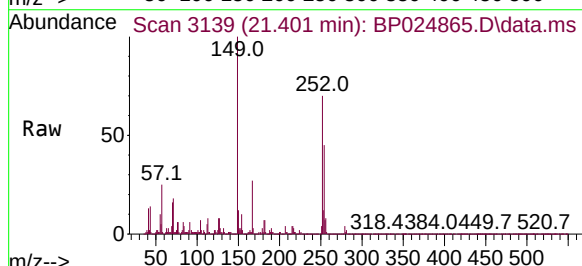
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

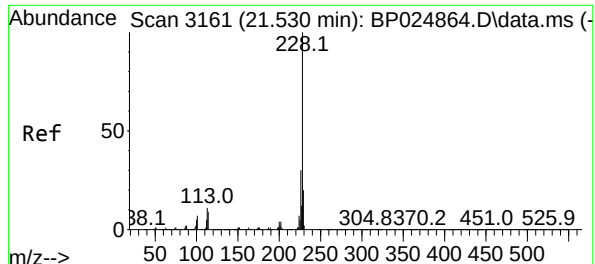
Tgt Ion:228 Resp: 4296840
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.9 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 53.402 ng
RT: 21.401 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:252 Resp: 1730292
Ion Ratio Lower Upper
252 100
254 64.8 51.2 76.8
126 11.0 8.6 12.8

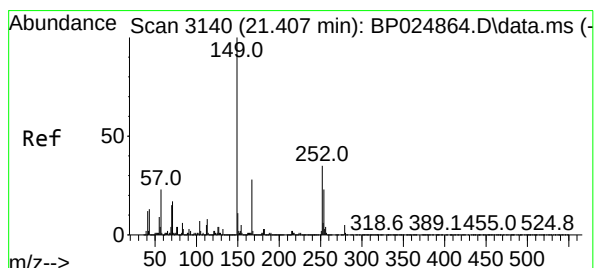
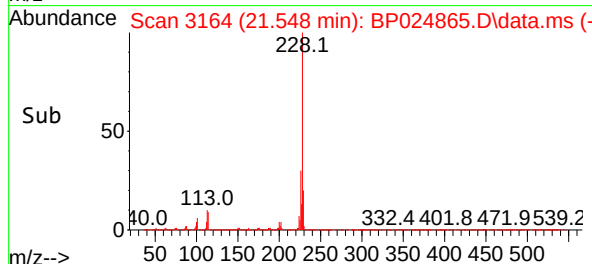
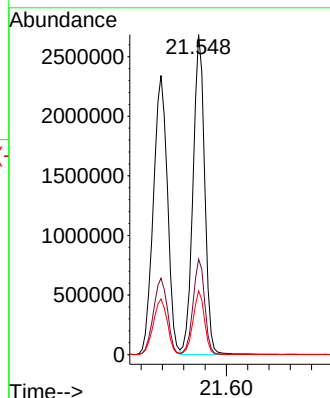
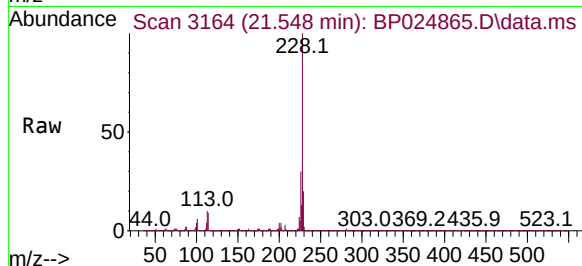




#83
Chrysene
Concen: 52.768 ng
RT: 21.548 min Scan# 3161
Delta R.T. 0.018 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

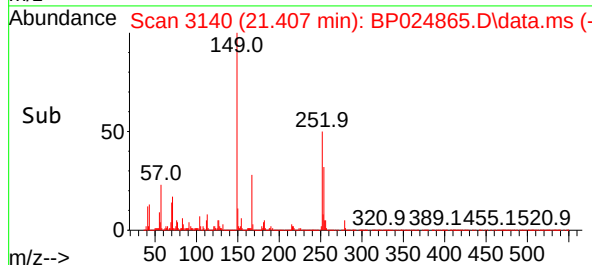
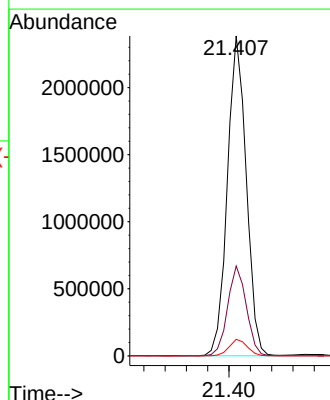
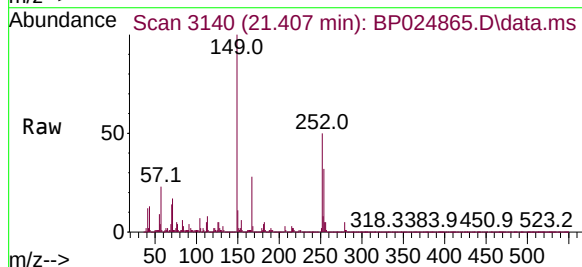
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

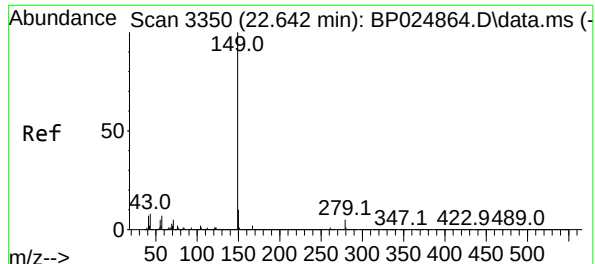
Tgt Ion:228 Resp: 4080671
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.6
229 19.9 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 56.166 ng
RT: 21.407 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:149 Resp: 2938577
Ion Ratio Lower Upper
149 100
167 28.1 22.2 33.4
279 5.2 4.0 6.0

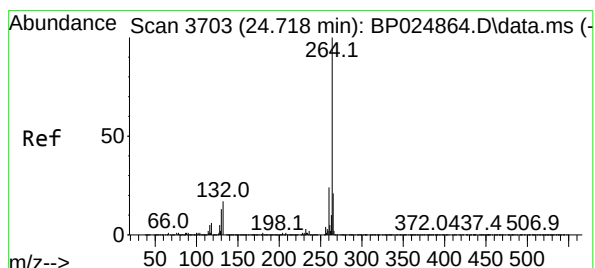
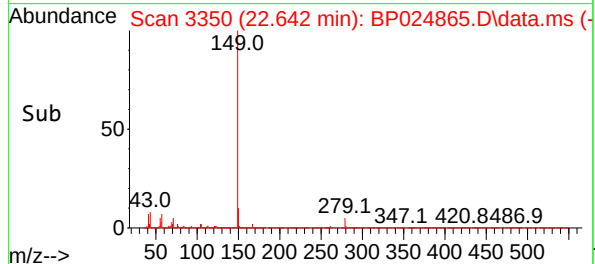
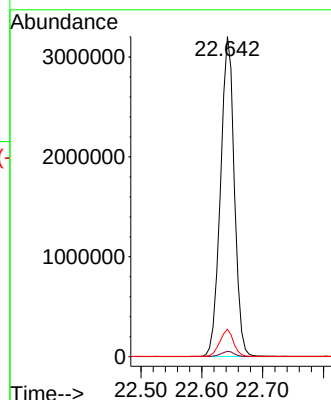
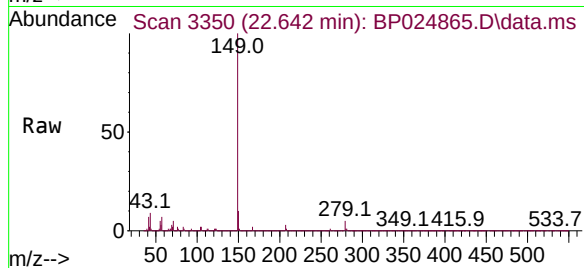




#85
Di-n-octyl phthalate
Concen: 54.889 ng
RT: 22.642 min Scan# 3350
Delta R.T. -0.000 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

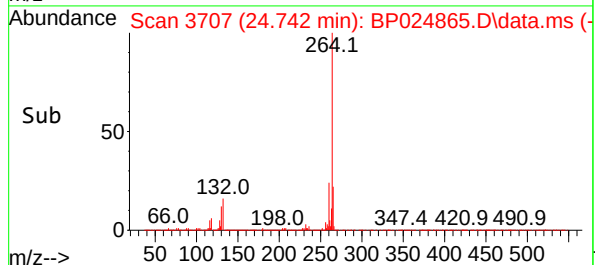
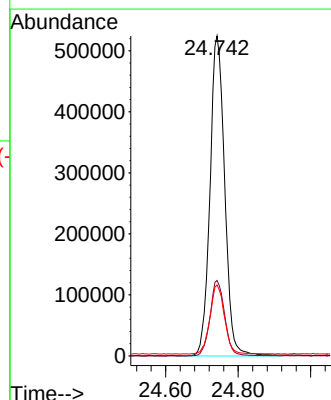
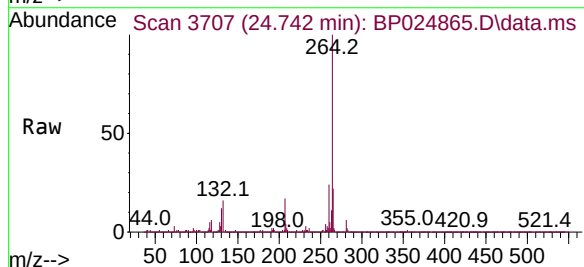
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

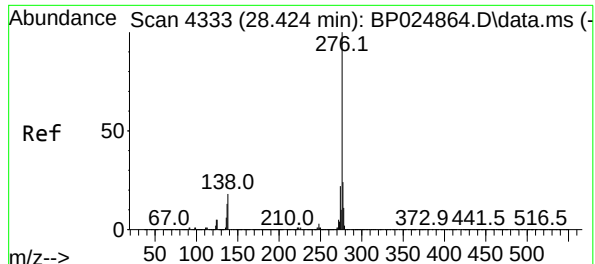
Tgt Ion:149 Resp: 5061827
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.4 6.6 10.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.742 min Scan# 3707
Delta R.T. 0.023 min
Lab File: BP024865.D
Acq: 06 Jun 2025 13:56

Tgt Ion:264 Resp: 1475251
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 22.2 17.4 26.0

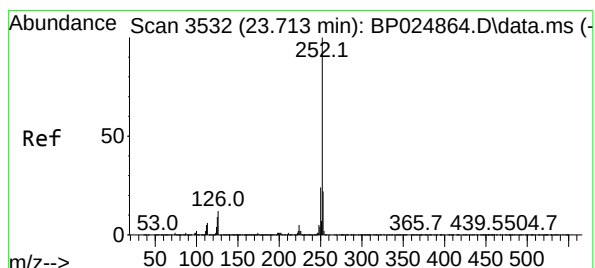
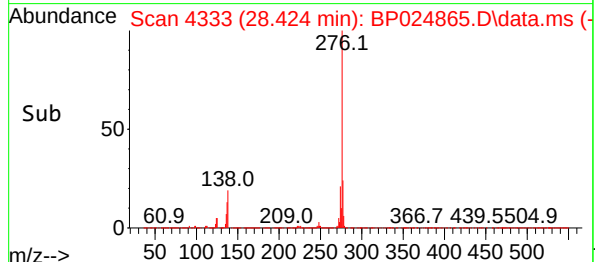
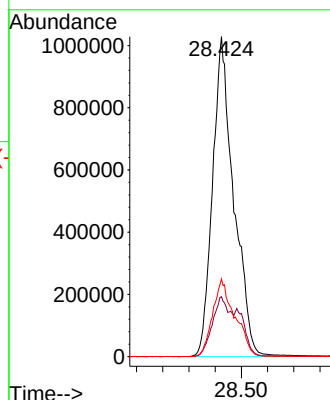
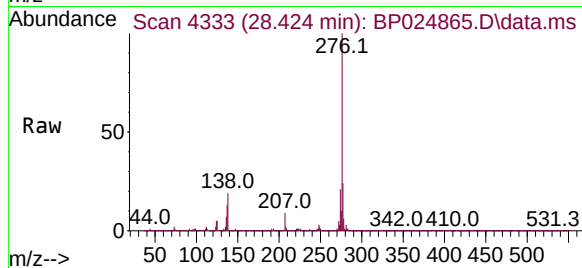




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.412 ng
 RT: 28.424 min Scan# 4333
 Delta R.T. -0.000 min
 Lab File: BP024865.D
 Acq: 06 Jun 2025 13:56

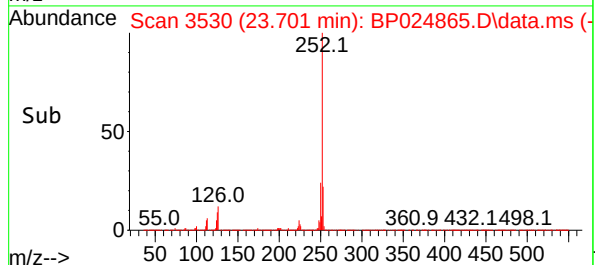
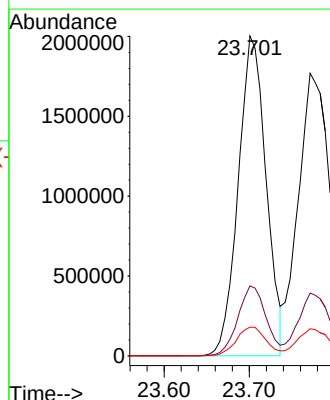
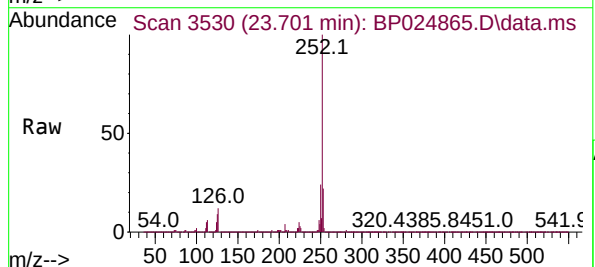
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

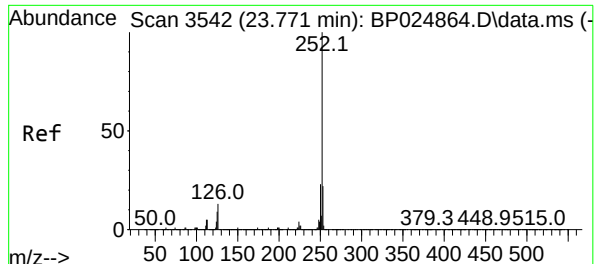
Tgt Ion:276 Resp: 5749111
 Ion Ratio Lower Upper
 276 100
 138 16.1 18.6 27.8#
 277 25.4 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 53.840 ng
 RT: 23.701 min Scan# 3530
 Delta R.T. -0.012 min
 Lab File: BP024865.D
 Acq: 06 Jun 2025 13:56

Tgt Ion:252 Resp: 4545535
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.6 26.4
 125 9.0 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 54.012 ng

RT: 23.771 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

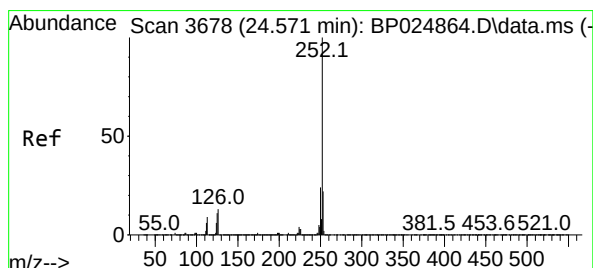
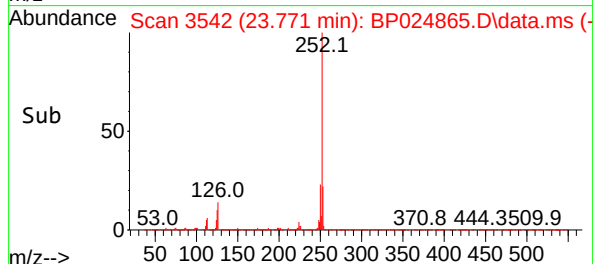
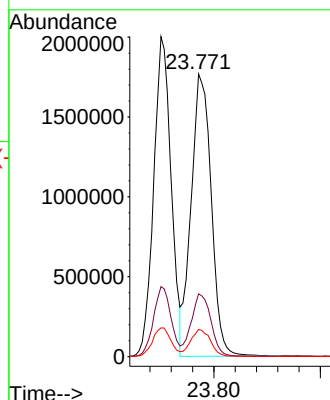
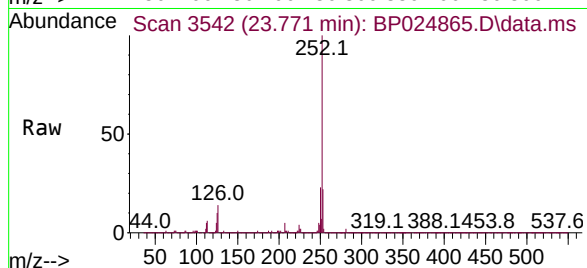
Tgt Ion:252 Resp: 4641829

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.6 7.4 11.0



#90

Benzo(a)pyrene

Concen: 54.313 ng

RT: 24.583 min Scan# 3680

Delta R.T. 0.012 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

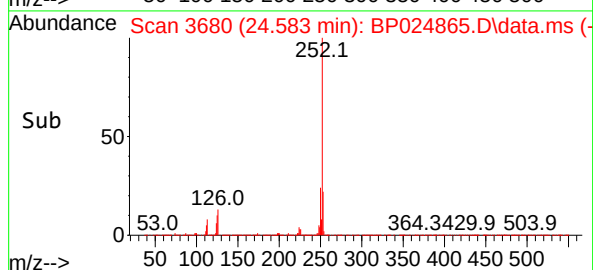
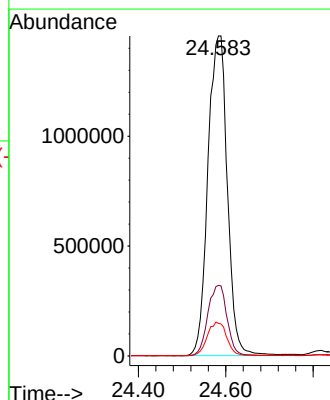
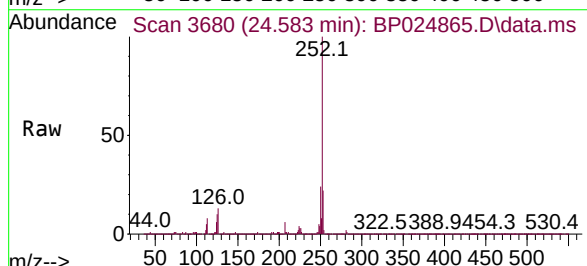
Tgt Ion:252 Resp: 4478222

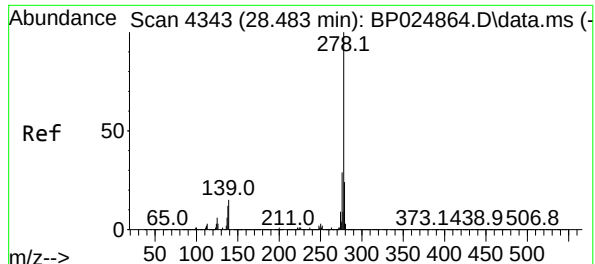
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.2 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 53.822 ng

RT: 28.500 min Scan# 4343

Delta R.T. 0.018 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDIC050

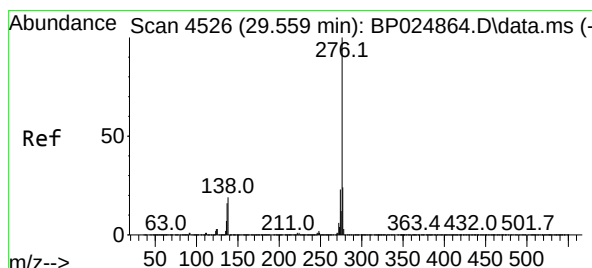
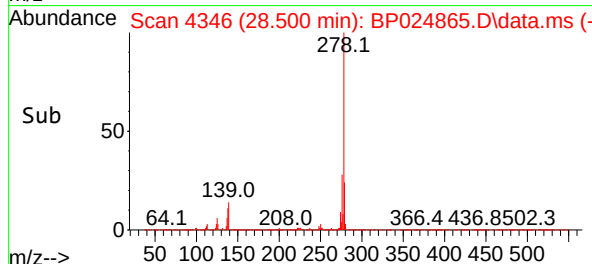
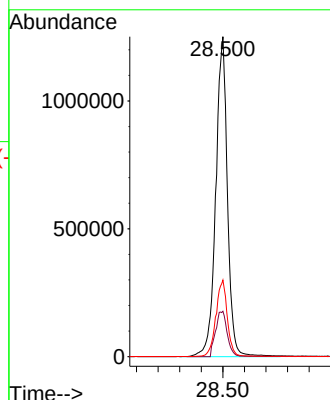
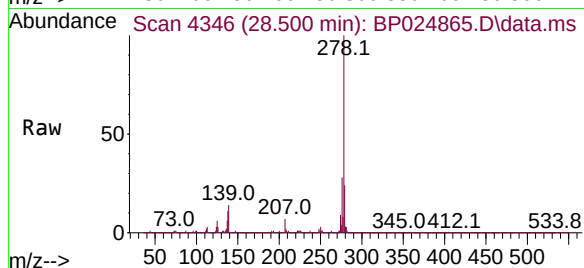
Tgt Ion:278 Resp: 4715596

Ion Ratio Lower Upper

278 100

139 14.2 12.0 18.0

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 53.490 ng

RT: 29.547 min Scan# 4524

Delta R.T. -0.012 min

Lab File: BP024865.D

Acq: 06 Jun 2025 13:56

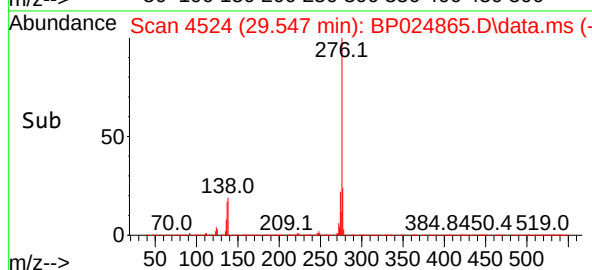
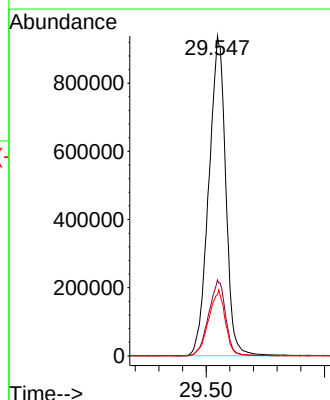
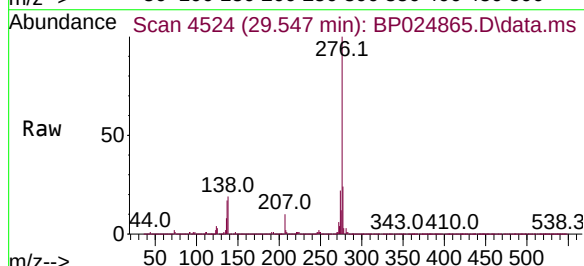
Tgt Ion:276 Resp: 4649887

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 19.1 15.4 23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024866.D
 Acq On : 06 Jun 2025 14:37
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Quant Time: Jun 06 16:04:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 15:53:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	233459	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1006719	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	639758	20.000	ng	0.00
64) Phenanthrene-d10	17.042	188	1223735	20.000	ng	-0.02
76) Chrysene-d12	21.477	240	1245531	20.000	ng	0.00
86) Perylene-d12	24.736	264	1494809	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1754536	125.447	ng	0.00
7) Phenol-d6	6.814	99	2365958	127.853	ng	0.00
23) Nitrobenzene-d5	8.760	82	2555584	123.355	ng	0.00
42) 2,4,6-Tribromophenol	15.772	330	1097449	124.076	ng	-0.01
45) 2-Fluorobiphenyl	12.860	172	5620380	118.347	ng	0.00
79) Terphenyl-d14	19.778	244	8373144	120.485	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.167	88	360857	58.637	ng	100
3) Pyridine	3.561	79	957340	64.685	ng	99
4) n-Nitrosodimethylamine	3.478	42	387978	64.122	ng	99
6) Aniline	6.955	93	1528129	64.708	ng	100
8) 2-Chlorophenol	7.190	128	995913	62.813	ng	99
9) Benzaldehyde	6.766	77	608861	56.921	ng	99
10) Phenol	6.843	94	1231710	64.565	ng	98
11) bis(2-Chloroethyl)ether	7.043	93	926134	61.724	ng	98
12) 1,3-Dichlorobenzene	7.496	146	1063861	60.147	ng	99
13) 1,4-Dichlorobenzene	7.643	146	1074203	60.190	ng	100
14) 1,2-Dichlorobenzene	7.955	146	1045089	59.634	ng	99
15) Benzyl Alcohol	7.861	79	916921	64.561	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.125	45	1167705	59.460	ng	100
17) 2-Methylphenol	8.066	107	848195	63.670	ng	100
18) Hexachloroethane	8.666	117	401855	59.807	ng	96
19) n-Nitroso-di-n-propyla...	8.413	70	779593	61.970	ng	100
20) 3+4-Methylphenols	8.396	107	1154457	63.519	ng	96
22) Acetophenone	8.431	105	1540416	60.563	ng	99
24) Nitrobenzene	8.808	77	1136226	61.735	ng	99
25) Isophorone	9.325	82	2191187	61.027	ng	100
26) 2-Nitrophenol	9.507	139	587760	64.723	ng	99
27) 2,4-Dimethylphenol	9.578	122	965935	62.151	ng	100
28) bis(2-Chloroethoxy)met...	9.802	93	1278529	59.694	ng	98
29) 2,4-Dichlorophenol	10.049	162	945641	63.413	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	995211	59.169	ng	99
31) Naphthalene	10.431	128	3124640	60.566	ng	100
32) Benzoic acid	9.778	122	710052	68.525	ng	100
33) 4-Chloroaniline	10.549	127	1397378	64.650	ng	98
34) Hexachlorobutadiene	10.707	225	598677	59.056	ng	100
35) Caprolactam	11.360	113	349412	63.654	ng	93
36) 4-Chloro-3-methylphenol	11.696	107	1096315	63.738	ng	98
37) 2-Methylnaphthalene	12.043	142	2004422	61.250	ng	99
38) 1-Methylnaphthalene	12.266	142	2093346	59.832	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	1100767	60.637	ng	100
41) Hexachlorocyclopentadiene	12.390	237	707348	63.884	ng	98
43) 2,4,6-Trichlorophenol	12.672	196	776210	63.669	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024866.D
 Acq On : 06 Jun 2025 14:37
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Quant Time: Jun 06 16:04:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 15:53:04 2025
 Response via : Initial Calibration

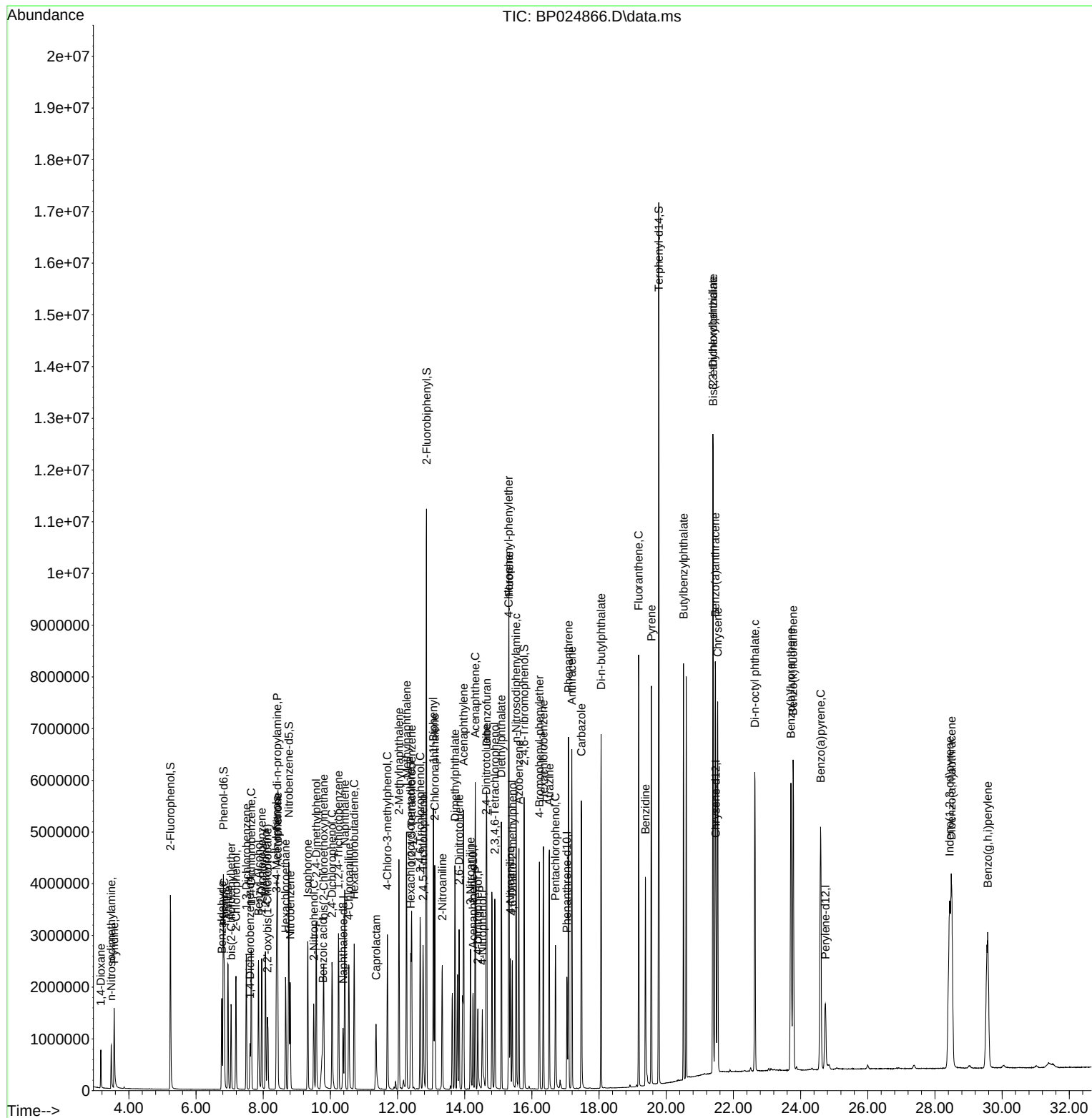
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	836590	64.077	ng	99
46) 1,1'-Biphenyl	13.066	154	2797746	60.176	ng	100
47) 2-Chloronaphthalene	13.107	162	2180558	61.023	ng	99
48) 2-Nitroaniline	13.331	65	718204	65.376	ng	97
49) Acenaphthylene	13.966	152	3653383	61.318	ng	100
50) Dimethylphthalate	13.707	163	2826983	59.902	ng	99
51) 2,6-Dinitrotoluene	13.831	165	639722	62.878	ng	96
52) Acenaphthene	14.313	154	2051309	60.082	ng	99
53) 3-Nitroaniline	14.172	138	698945	66.199	ng	98
54) 2,4-Dinitrophenol	14.390	184	398250	61.497	ng	97
55) Dibenzofuran	14.654	168	3267254	59.618	ng	99
56) 4-Nitrophenol	14.525	139	539162	61.650	ng	97
57) 2,4-Dinitrotoluene	14.637	165	901515	63.345	ng	98
58) Fluorene	15.319	166	2628887	59.381	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.895	232	730647	62.524	ng	99
60) Diethylphthalate	15.090	149	2772340	58.943	ng	98
61) 4-Chlorophenyl-phenyle...	15.307	204	1276716	58.980	ng	100
62) 4-Nitroaniline	15.360	138	639038	66.714	ng	96
63) Azobenzene	15.613	77	2561443	59.380	ng	98
65) 4,6-Dinitro-2-methylph...	15.419	198	524098	65.178	ng	100
66) n-Nitrosodiphenylamine	15.531	169	2282932	60.188	ng	99
67) 4-Bromophenyl-phenylether	16.225	248	839674	60.812	ng	98
68) Hexachlorobenzene	16.342	284	1008320	60.238	ng	97
69) Atrazine	16.519	200	836217	60.814	ng	99
70) Pentachlorophenol	16.701	266	561603	64.826	ng	99
71) Phenanthrene	17.089	178	4046968	59.844	ng	99
72) Anthracene	17.189	178	4160775	60.751	ng	99
73) Carbazole	17.472	167	3861413	60.827	ng	99
74) Di-n-butylphthalate	18.060	149	4672145	59.401	ng	100
75) Fluoranthene	19.178	202	4656349	59.407	ng	99
77) Benzidine	19.383	184	2477600	64.227	ng	100
78) Pyrene	19.560	202	4751590	61.064	ng	100
80) Butylbenzylphthalate	20.513	149	2225855	62.449	ng	96
81) Benzo(a)anthracene	21.460	228	4896757	61.469	ng	100
82) 3,3'-Dichlorobenzidine	21.389	252	1982344	62.681	ng	100
83) Chrysene	21.530	228	4625245	61.276	ng	99
84) Bis(2-ethylhexyl)phtha...	21.395	149	3103331	60.769	ng	99
85) Di-n-octyl phthalate	22.636	149	5491065	61.004	ng	100
87) Indeno(1,2,3-cd)pyrene	28.436	276	6771619	62.088	ng	100
88) Benzo(b)fluoranthene	23.713	252	5290333	61.842	ng	99
89) Benzo(k)fluoranthene	23.777	252	5191049	59.612	ng	99
90) Benzo(a)pyrene	24.595	252	5093340	60.965	ng	99
91) Dibenzo(a,h)anthracene	28.495	278	5489005	61.830	ng	100
92) Benzo(g,h,i)perylene	29.571	276	5442983	61.794	ng	100

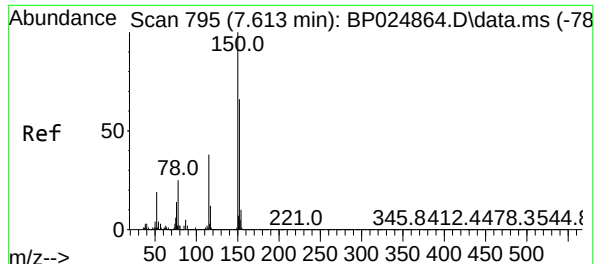
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024866.D
 Acq On : 06 Jun 2025 14:37
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Quant Time: Jun 06 16:04:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 15:53:04 2025
 Response via : Initial Calibration

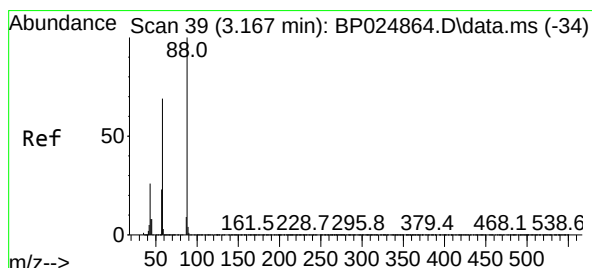
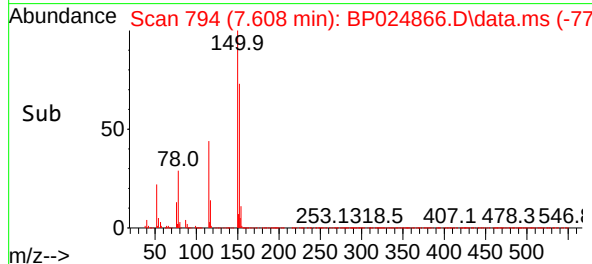
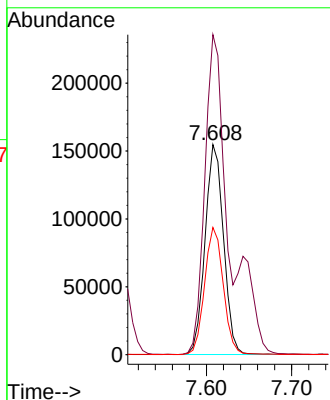
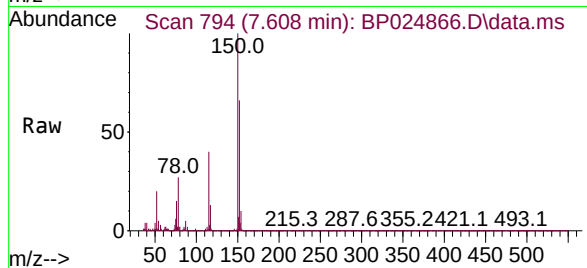




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

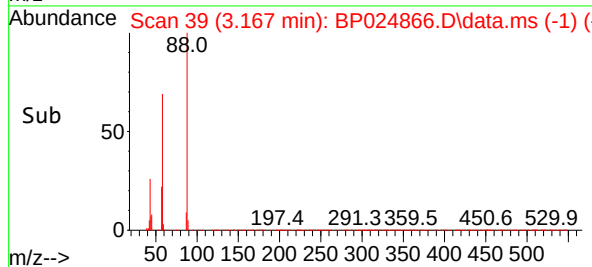
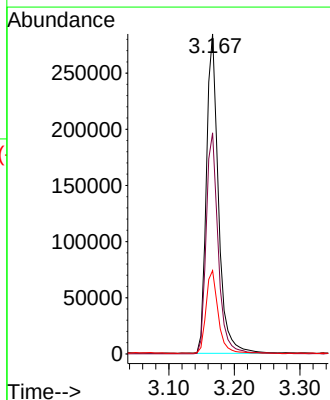
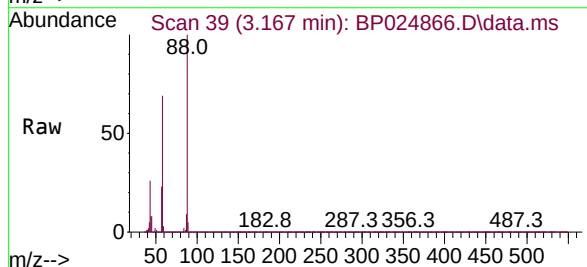
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

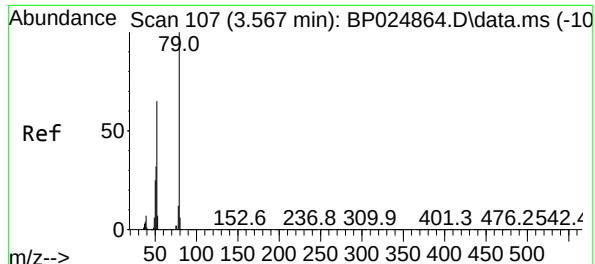
Tgt Ion:152 Resp: 233459
Ion Ratio Lower Upper
152 100
150 152.3 122.1 183.1
115 60.5 46.4 69.6



#2
1,4-Dioxane
Concen: 58.637 ng
RT: 3.167 min Scan# 39
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion: 88 Resp: 360857
Ion Ratio Lower Upper
88 100
58 69.4 55.4 83.0
43 26.4 20.8 31.2

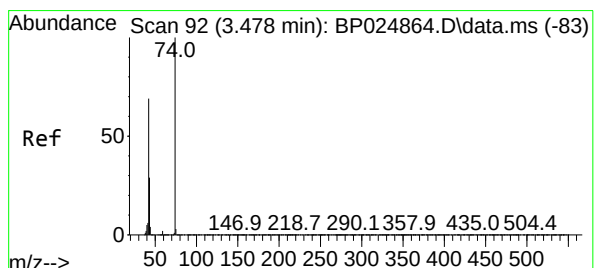
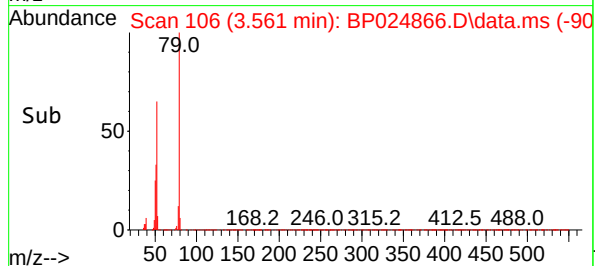
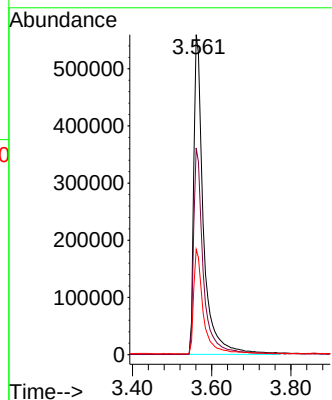
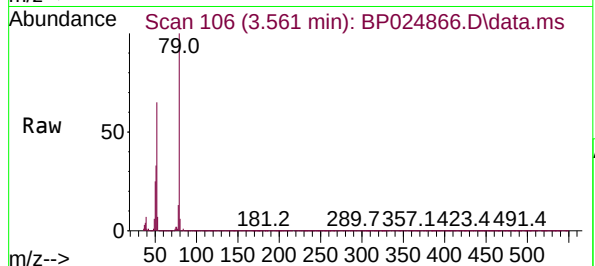




#3
Pyridine
Concen: 64.685 ng
RT: 3.561 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

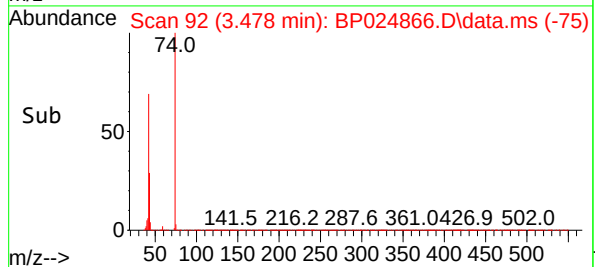
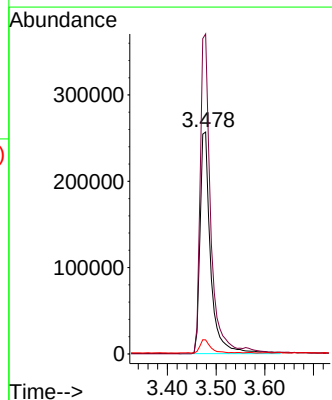
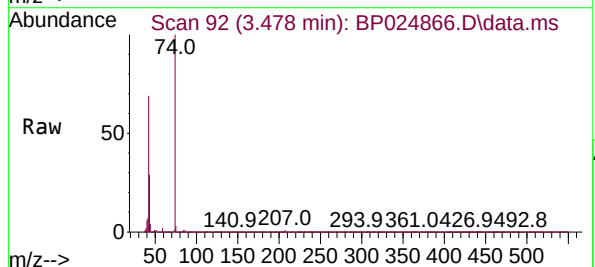
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

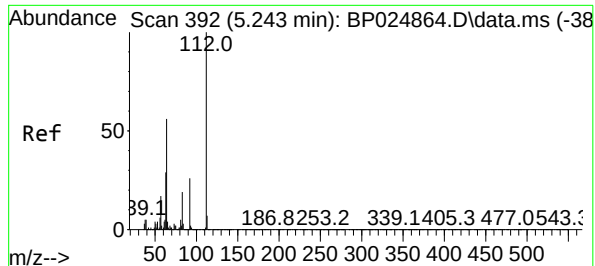
Tgt Ion: 79 Resp: 957340
Ion Ratio Lower Upper
79 100
52 64.6 51.6 77.4
51 32.9 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 64.122 ng
RT: 3.478 min Scan# 92
Delta R.T. -0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion: 42 Resp: 387978
Ion Ratio Lower Upper
42 100
74 144.3 116.6 174.8
44 6.3 5.4 8.0





#5

2-Fluorophenol

Concen: 125.447 ng

RT: 5.237 min Scan# 391

Delta R.T. -0.006 min

Lab File: BP024866.D

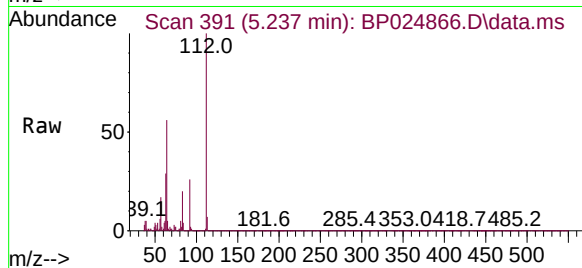
Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060



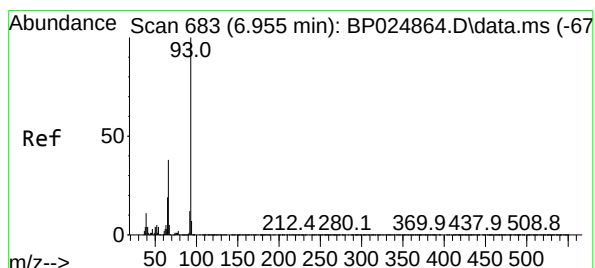
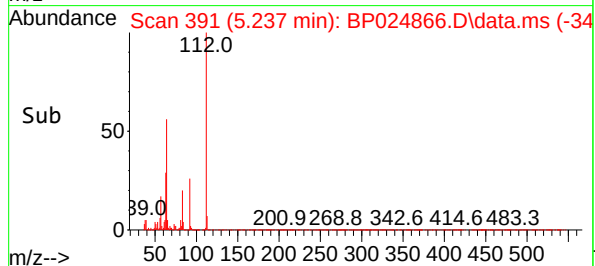
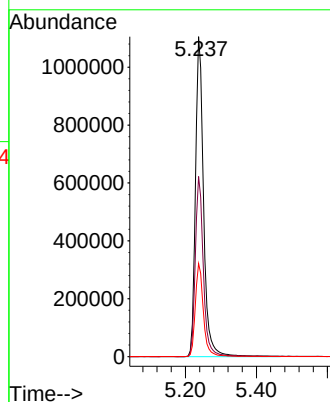
Tgt Ion:112 Resp: 1754536

Ion Ratio Lower Upper

112 100

64 56.3 44.7 67.1

63 29.1 23.5 35.3



#6

Aniline

Concen: 64.708 ng

RT: 6.955 min Scan# 683

Delta R.T. 0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

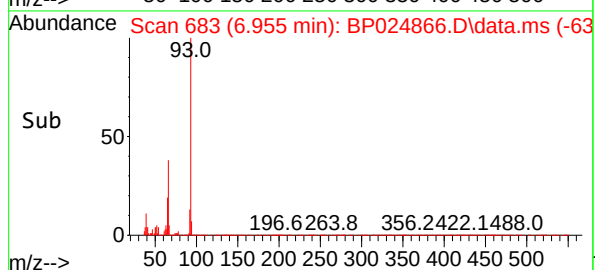
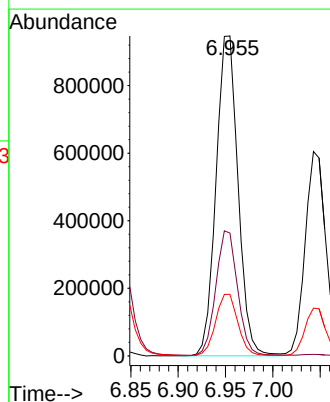
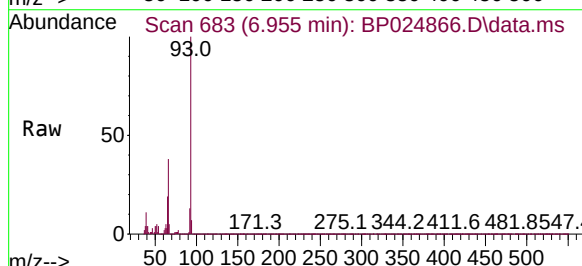
Tgt Ion: 93 Resp: 1528129

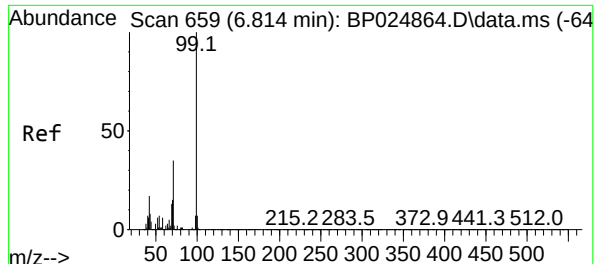
Ion Ratio Lower Upper

93 100

66 38.4 30.9 46.3

65 19.3 15.5 23.3

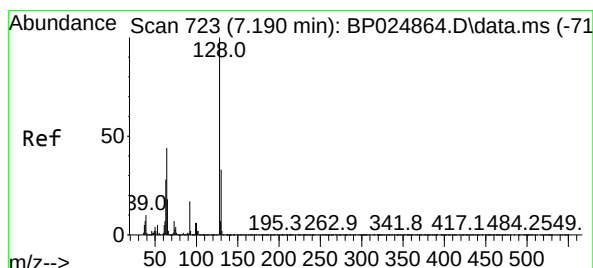
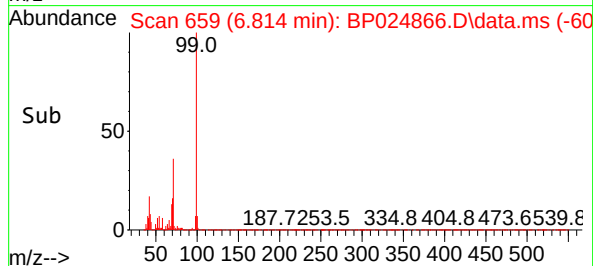
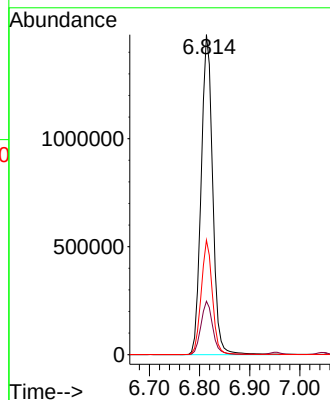
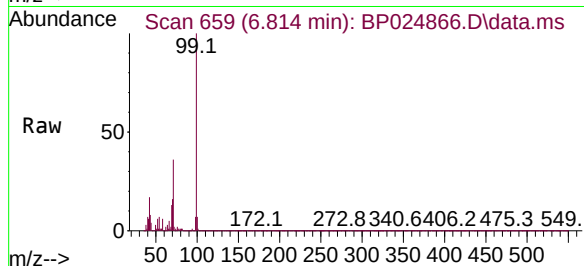




#7
Phenol-d6
Concen: 127.853 ng
RT: 6.814 min Scan# 659
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

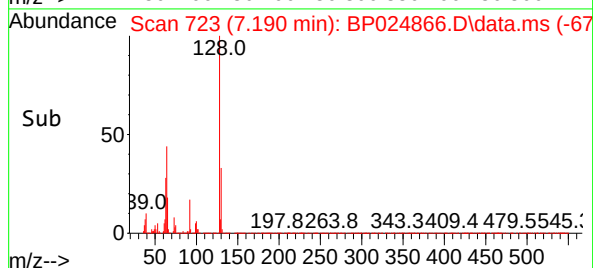
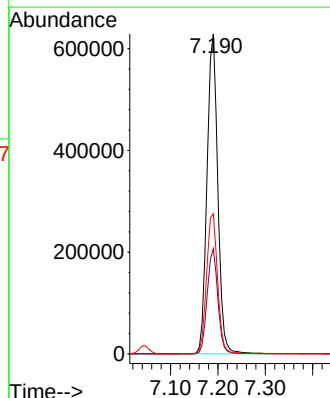
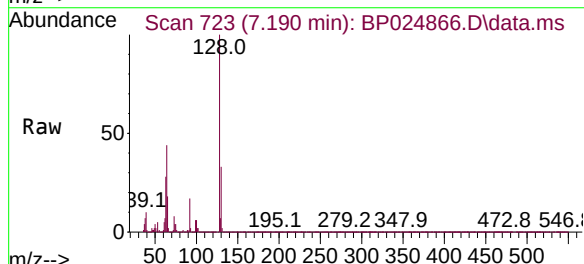
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

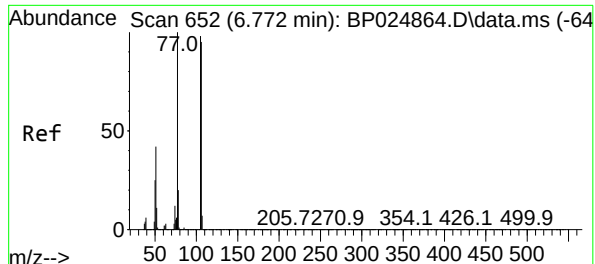
Tgt Ion: 99 Resp: 2365958
Ion Ratio Lower Upper
99 100
42 16.7 13.4 20.2
71 35.8 27.6 41.4



#8
2-Chlorophenol
Concen: 62.813 ng
RT: 7.190 min Scan# 723
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion: 128 Resp: 995913
Ion Ratio Lower Upper
128 100
130 32.9 12.6 52.6
64 43.8 24.1 64.1

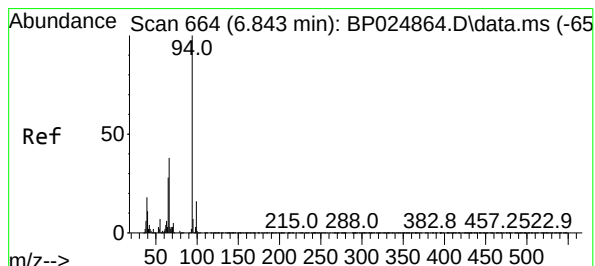
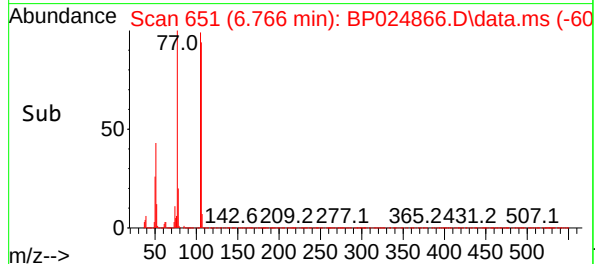
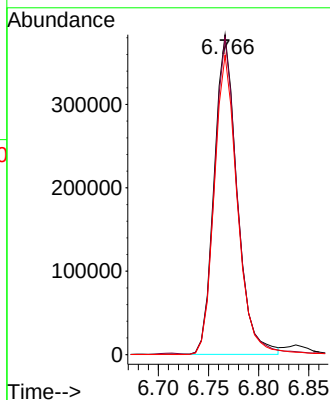
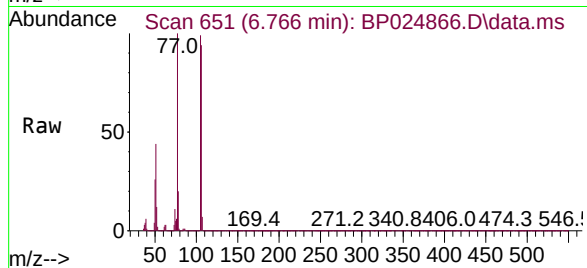




#9
Benzaldehyde
Concen: 56.921 ng
RT: 6.766 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

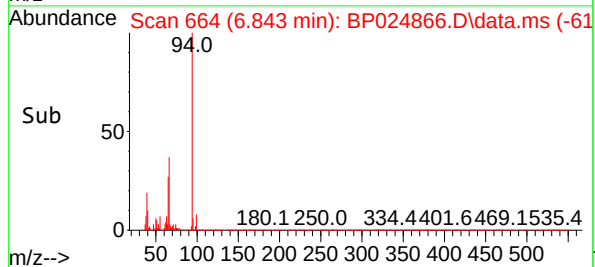
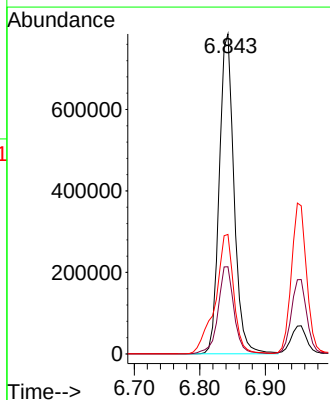
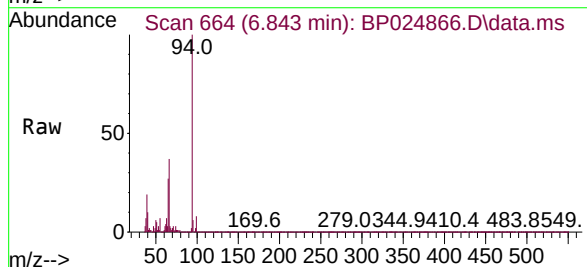
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

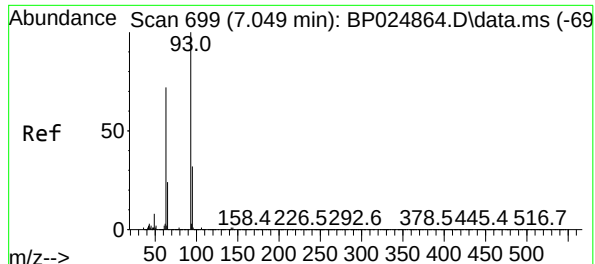
Tgt Ion: 77 Resp: 608861
Ion Ratio Lower Upper
77 100
105 99.0 77.7 117.7
106 93.6 74.8 114.8



#10
Phenol
Concen: 64.565 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion: 94 Resp: 1231710
Ion Ratio Lower Upper
94 100
65 27.3 8.3 48.3
66 37.3 18.2 58.2

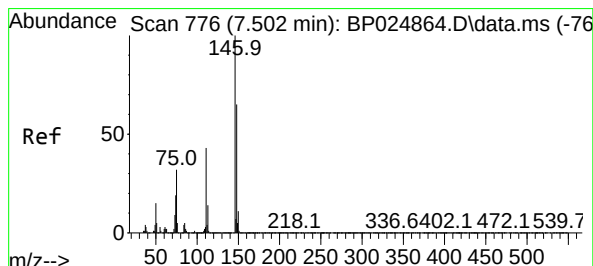
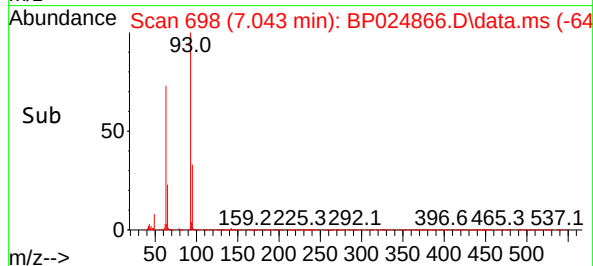
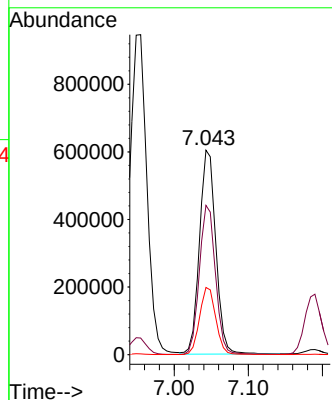
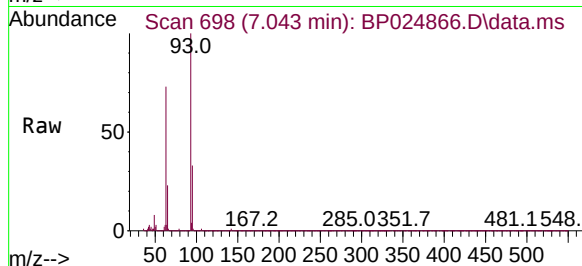




#11
bis(2-Chloroethyl)ether
Concen: 61.724 ng
RT: 7.043 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

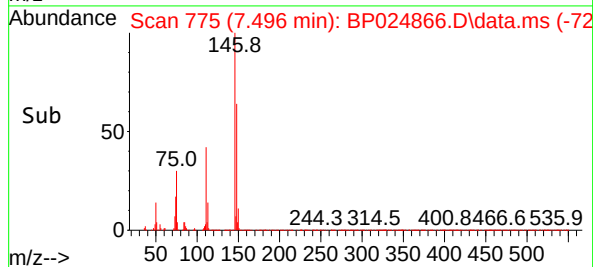
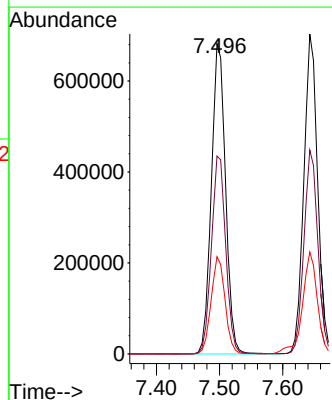
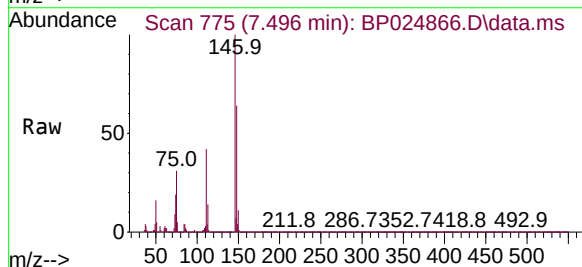
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

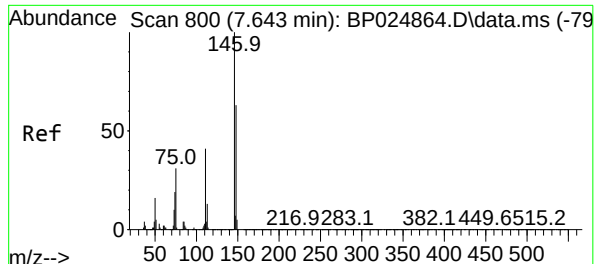
Tgt Ion: 93 Resp: 926134
Ion Ratio Lower Upper
93 100
63 73.0 51.6 91.6
95 32.9 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 60.147 ng
RT: 7.496 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion: 146 Resp: 1063861
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 31.3 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 60.190 ng

RT: 7.643 min Scan# 800

Delta R.T. 0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

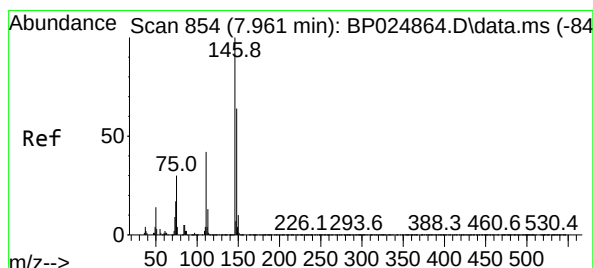
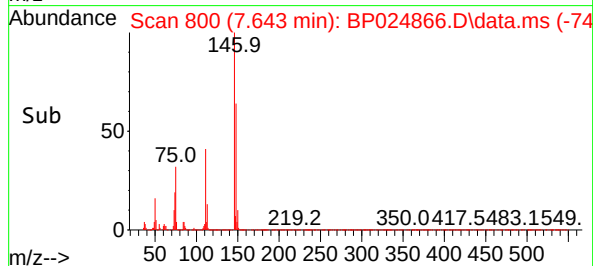
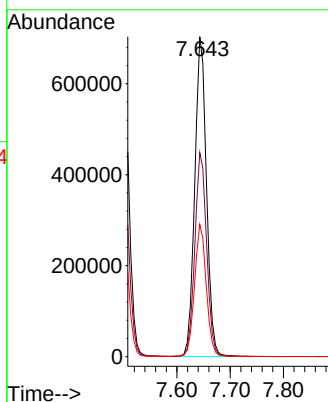
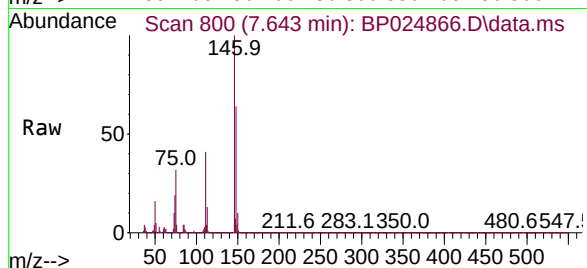
Tgt Ion:146 Resp: 1074203

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

111 41.3 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 59.634 ng

RT: 7.955 min Scan# 853

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

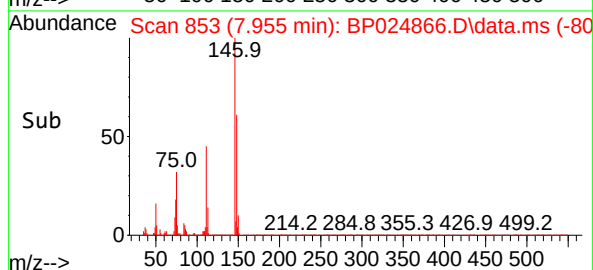
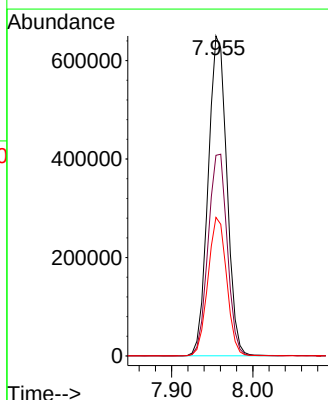
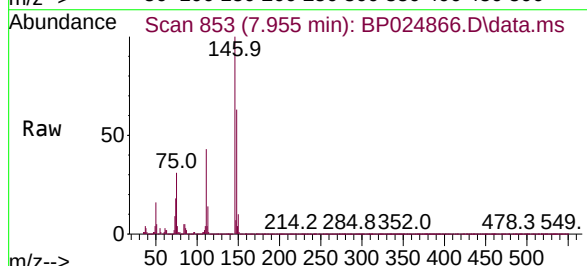
Tgt Ion:146 Resp: 1045089

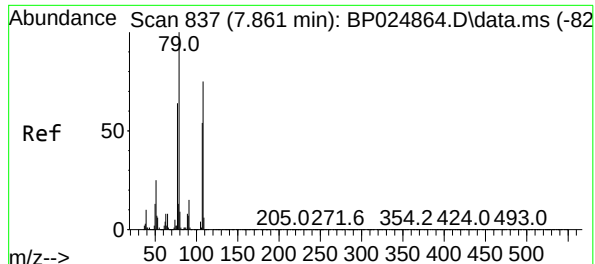
Ion Ratio Lower Upper

146 100

148 62.7 51.0 76.4

111 43.3 33.8 50.8





#15

Benzyl Alcohol

Concen: 64.561 ng

RT: 7.861 min Scan# 837

Delta R.T. 0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

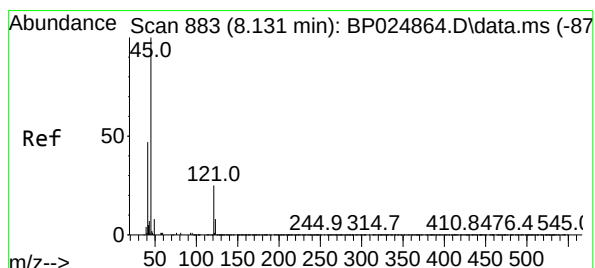
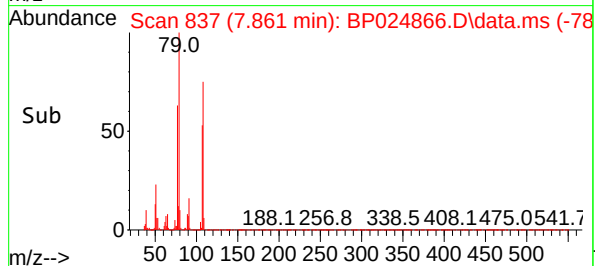
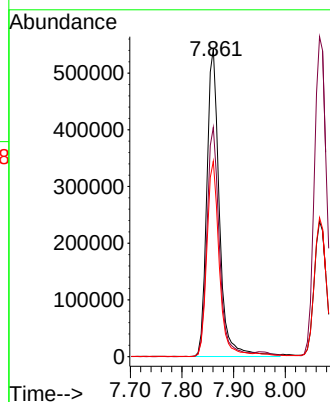
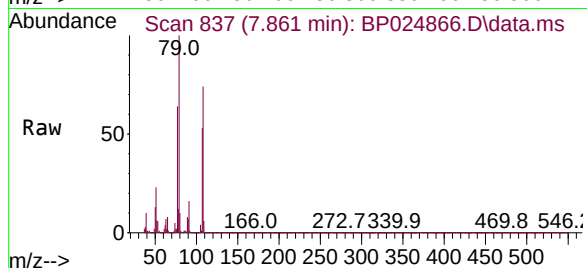
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 916921

Ion	Ratio	Lower	Upper
79	100		
108	74.5	60.2	90.4
77	63.5	51.2	76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 59.460 ng

RT: 8.125 min Scan# 882

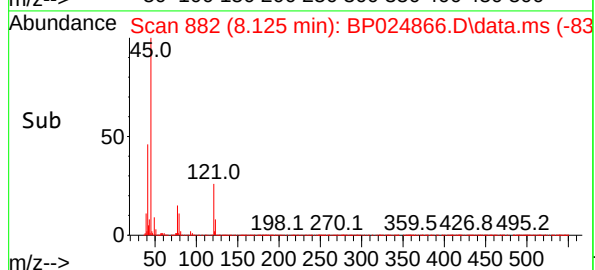
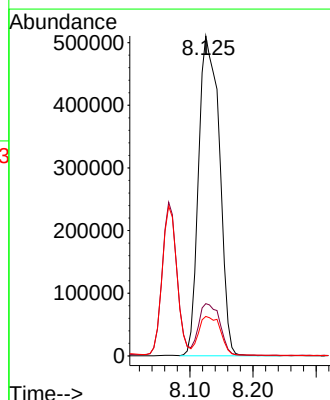
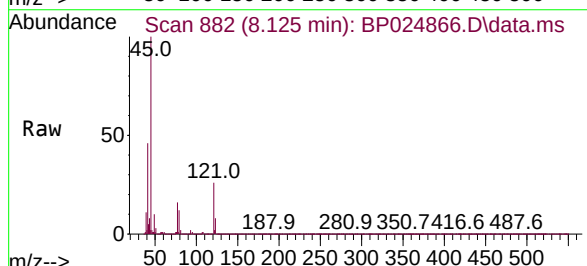
Delta R.T. -0.006 min

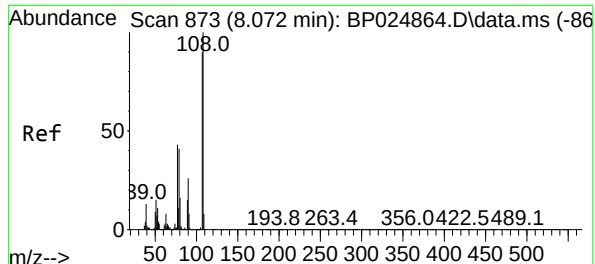
Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Tgt Ion: 45 Resp: 1167705

Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	36.3
79	12.3	0.0	32.2





#17

2-Methylphenol

Concen: 63.670 ng

RT: 8.066 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:107 Resp: 848195

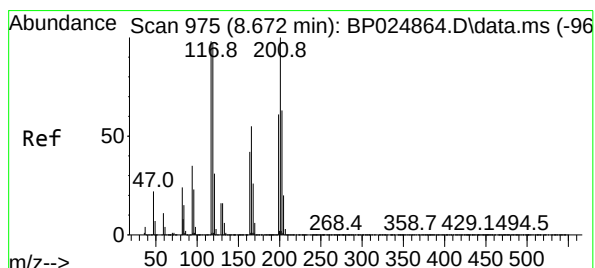
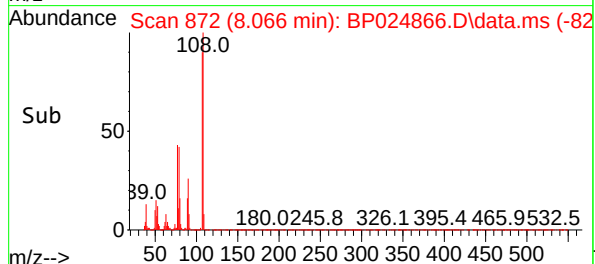
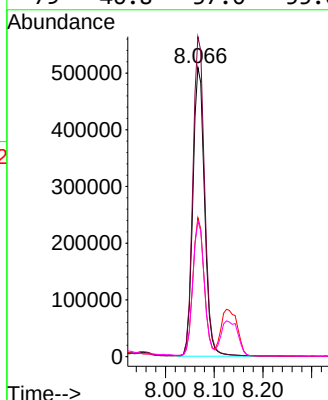
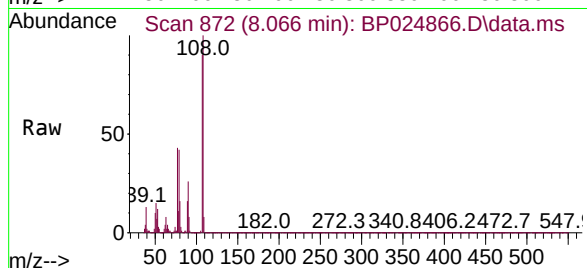
Ion Ratio Lower Upper

107 100

108 110.6 88.6 132.8

77 48.1 38.5 57.7

79 46.8 37.0 55.6



#18

Hexachloroethane

Concen: 59.807 ng

RT: 8.666 min Scan# 974

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

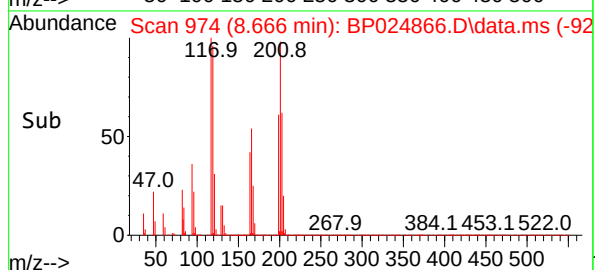
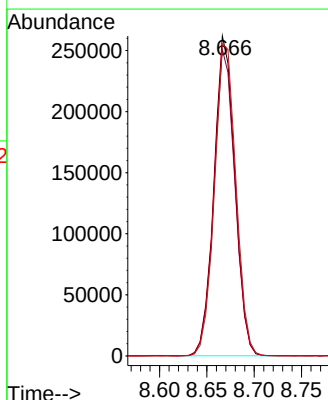
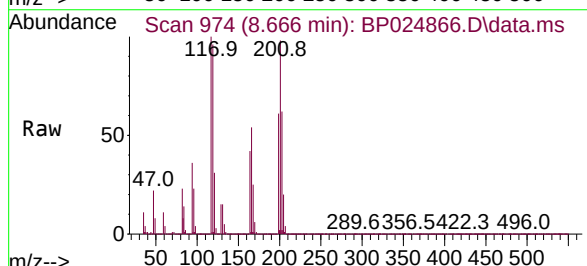
Tgt Ion:117 Resp: 401855

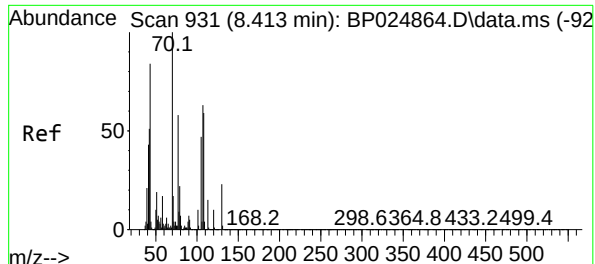
Ion Ratio Lower Upper

117 100

119 95.8 79.4 119.2

201 97.5 81.4 122.2





#19

n-Nitroso-di-n-propylamine

Concen: 61.970 ng

RT: 8.413 min Scan# 931

Delta R.T. -0.000 min

Lab File: BP024866.D

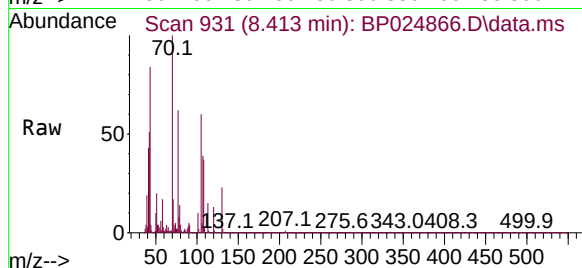
Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 779593

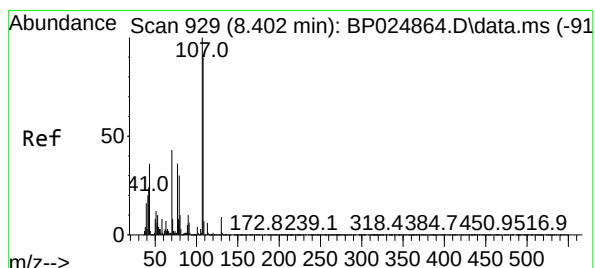
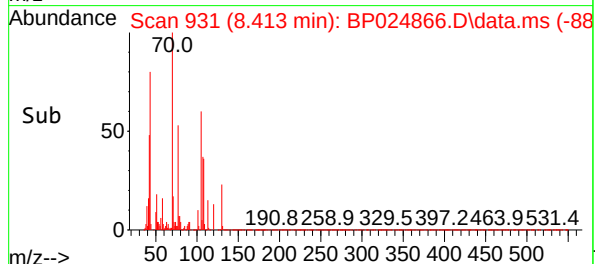
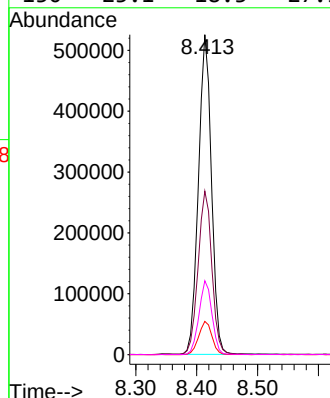
Ion Ratio Lower Upper

70 100

42 51.1 41.2 61.8

101 10.4 8.3 12.5

130 23.1 18.3 27.5



#20

3+4-Methylphenols

Concen: 63.519 ng

RT: 8.396 min Scan# 928

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Tgt Ion: 107 Resp: 1154457

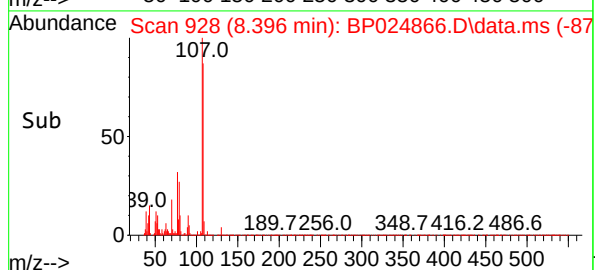
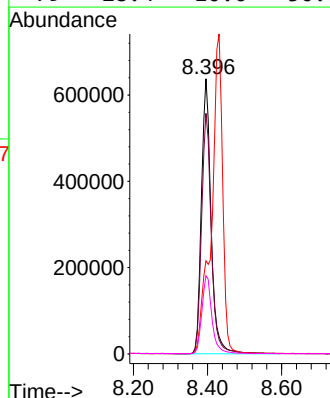
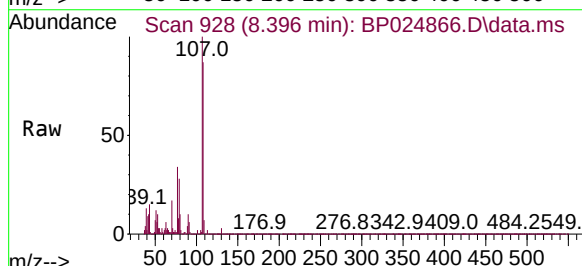
Ion Ratio Lower Upper

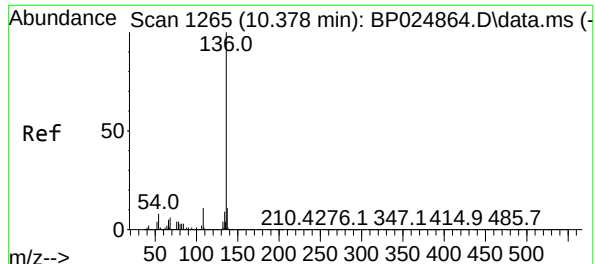
107 100

108 87.5 70.7 110.7

77 33.8 16.6 56.6

79 28.4 10.0 50.0

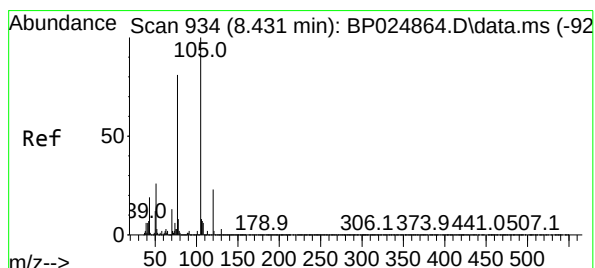
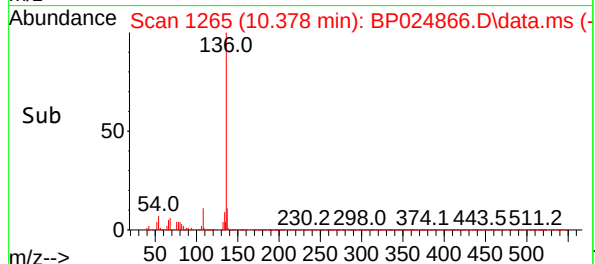
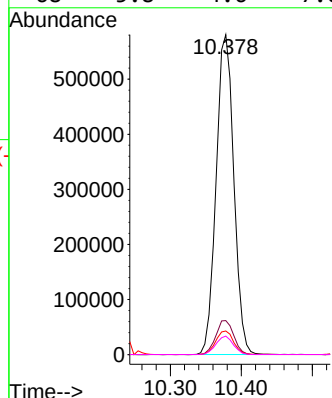
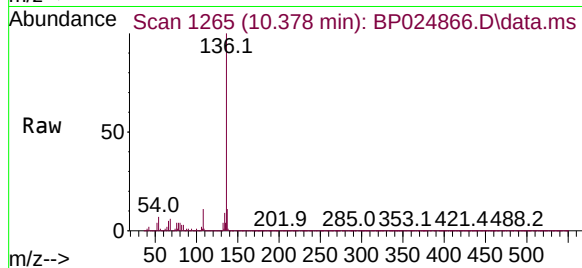




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

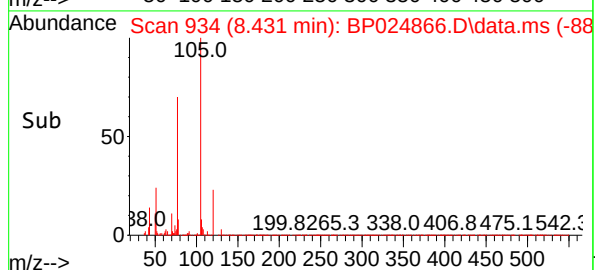
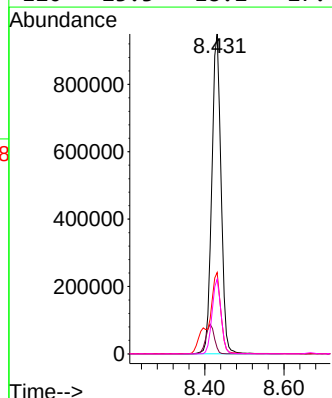
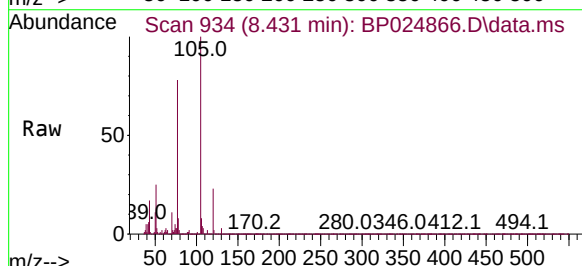
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

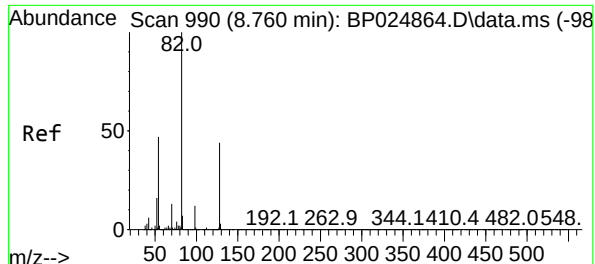
Tgt Ion:136 Resp: 1006719
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.4 6.1 9.1
68 5.8 4.6 7.0



#22
Acetophenone
Concen: 60.563 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:105 Resp: 1540416
Ion Ratio Lower Upper
105 100
71 1.9 1.6 2.4
51 25.4 20.6 31.0
120 23.3 18.2 27.4

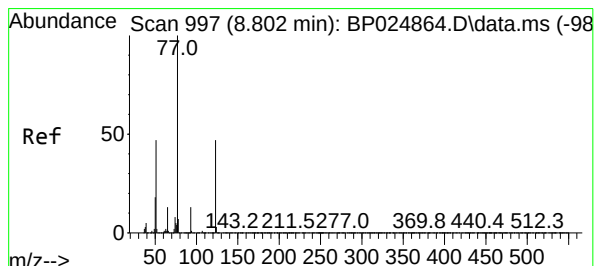
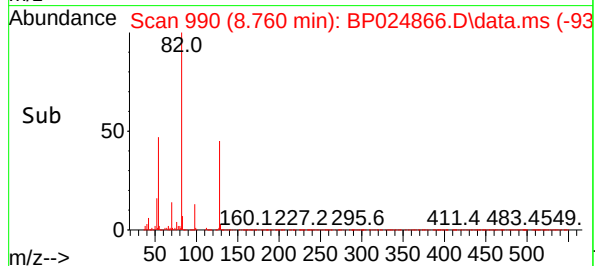
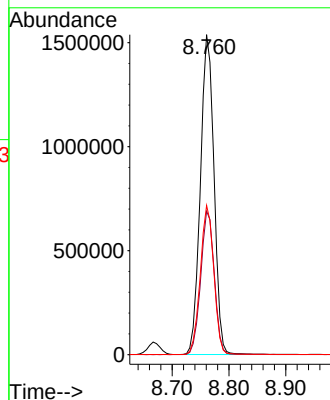
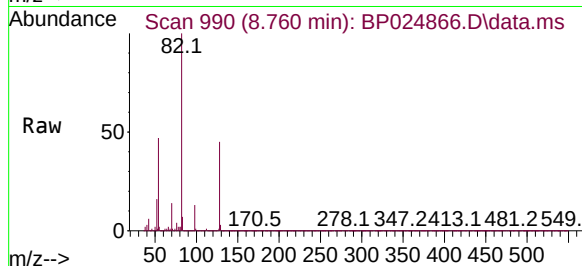




#23
Nitrobenzene-d5
Concen: 123.355 ng
RT: 8.760 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

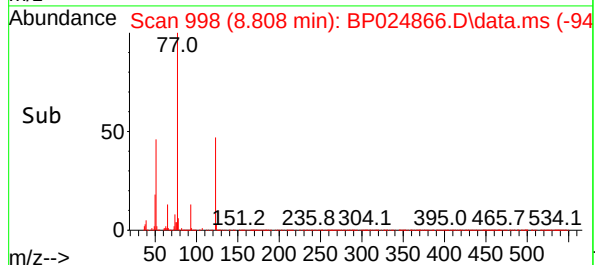
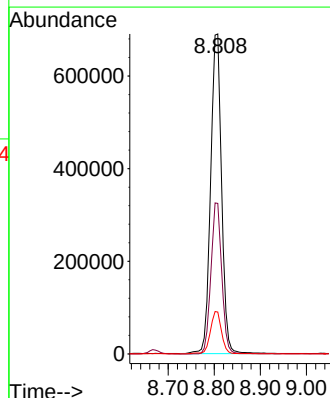
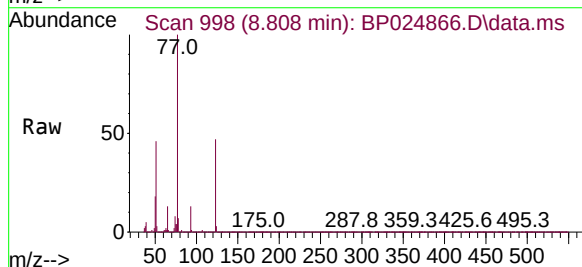
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

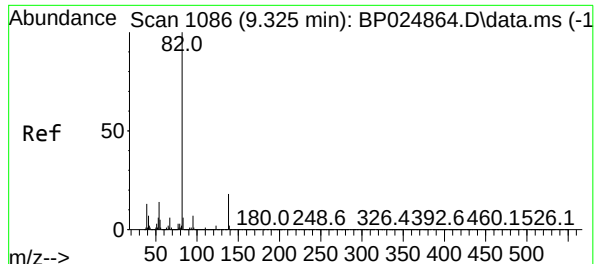
Tgt Ion: 82 Resp: 2555584
Ion Ratio Lower Upper
82 100
128 44.9 35.3 52.9
54 46.6 37.4 56.0



#24
Nitrobenzene
Concen: 61.735 ng
RT: 8.808 min Scan# 998
Delta R.T. 0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion: 77 Resp: 1136226
Ion Ratio Lower Upper
77 100
123 47.0 37.3 55.9
65 13.1 10.8 16.2

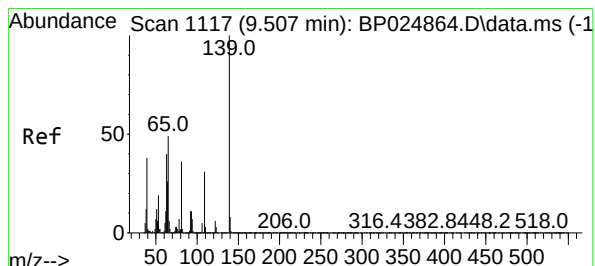
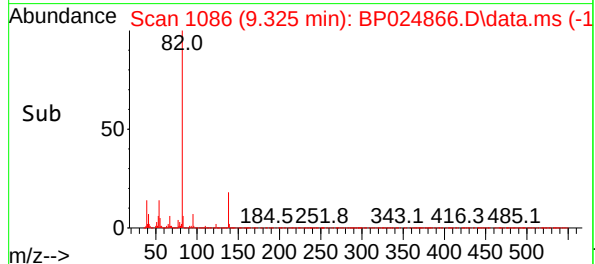
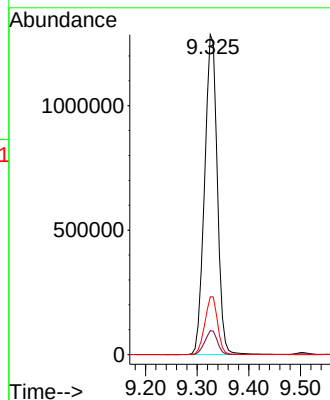
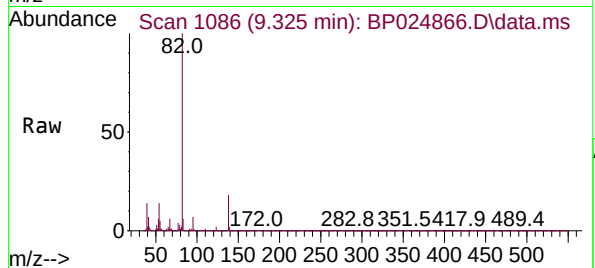




#25
Isophorone
Concen: 61.027 ng
RT: 9.325 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

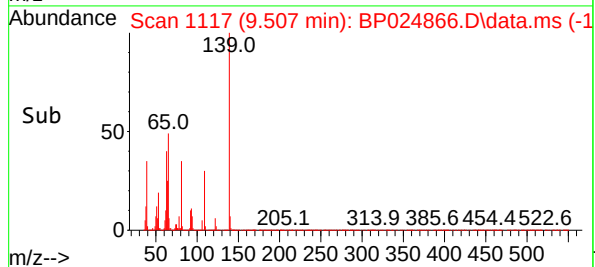
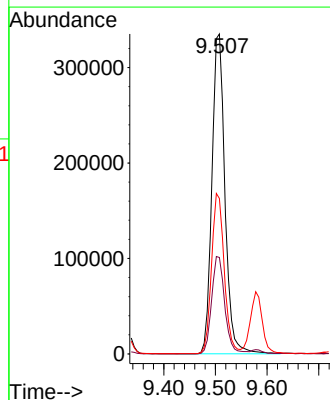
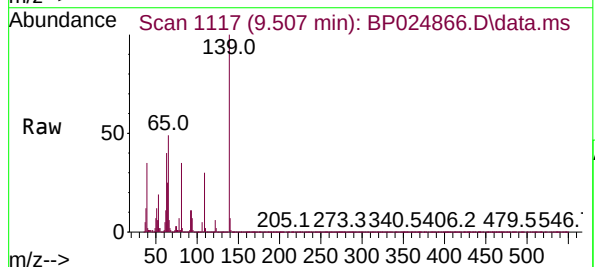
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

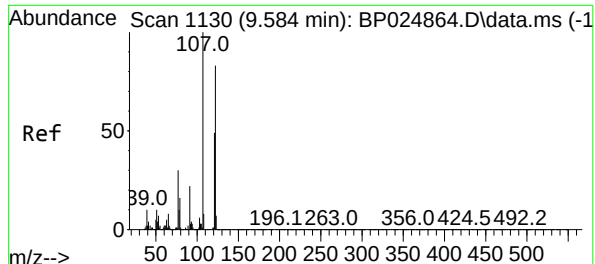
Tgt Ion: 82 Resp: 2191187
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.1 14.6 21.8



#26
2-Nitrophenol
Concen: 64.723 ng
RT: 9.507 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion: 139 Resp: 587760
Ion Ratio Lower Upper
139 100
109 30.1 24.6 37.0
65 48.6 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 62.151 ng

RT: 9.578 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

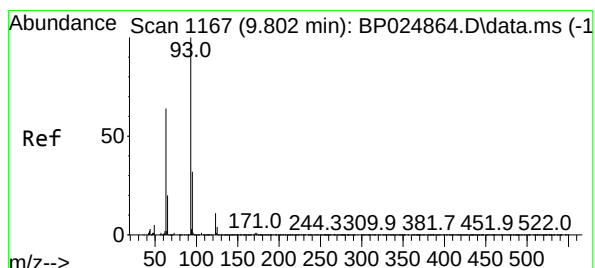
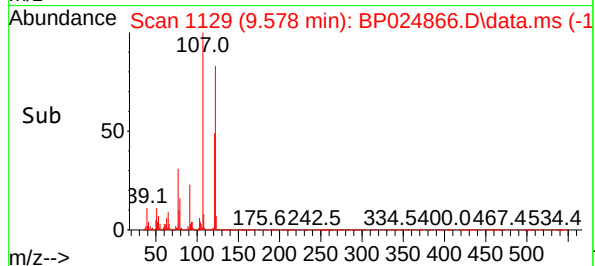
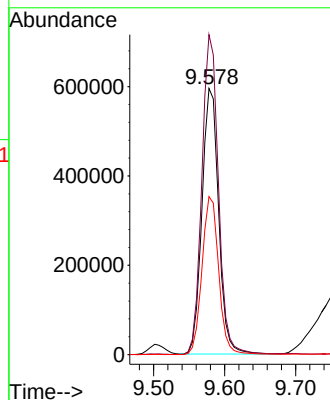
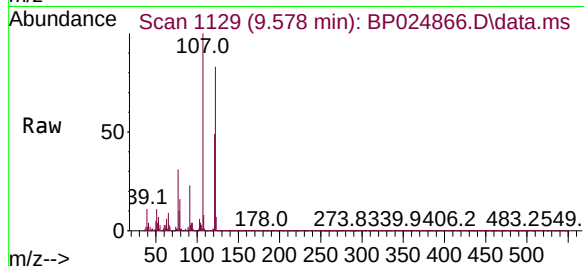
Tgt Ion:122 Resp: 965935

Ion Ratio Lower Upper

122 100

107 120.2 96.2 144.4

121 59.4 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 59.694 ng

RT: 9.802 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

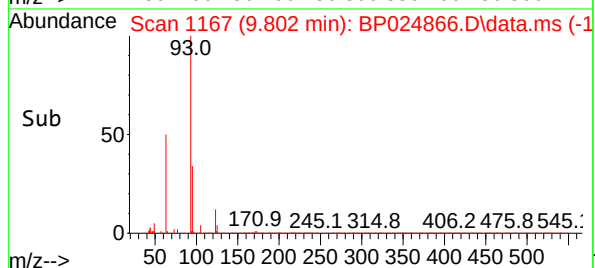
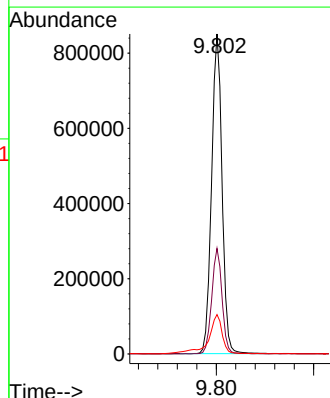
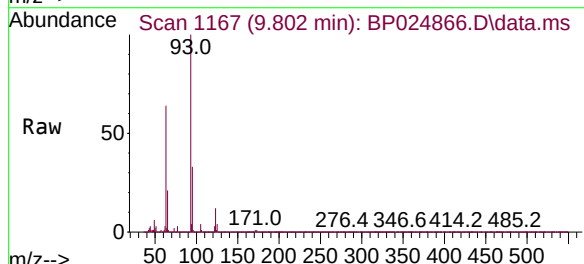
Tgt Ion: 93 Resp: 1278529

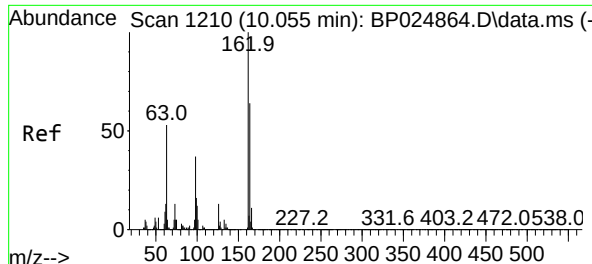
Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

123 12.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 63.413 ng

RT: 10.049 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

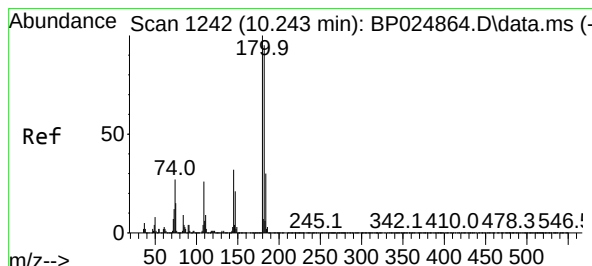
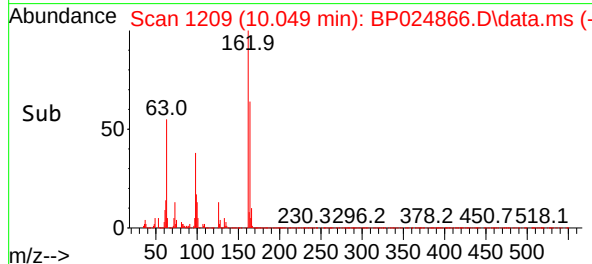
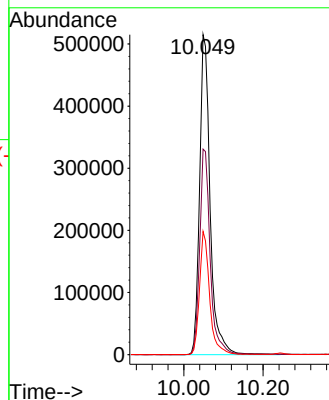
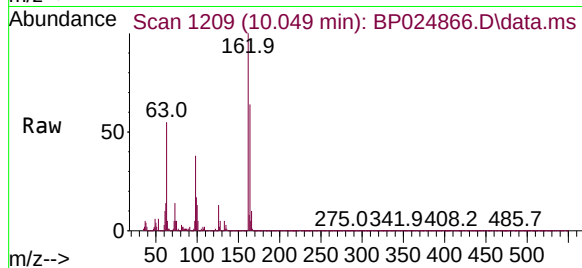
Tgt Ion:162 Resp: 945641

Ion Ratio Lower Upper

162 100

164 64.2 44.0 84.0

98 38.5 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 59.169 ng

RT: 10.243 min Scan# 1242

Delta R.T. -0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

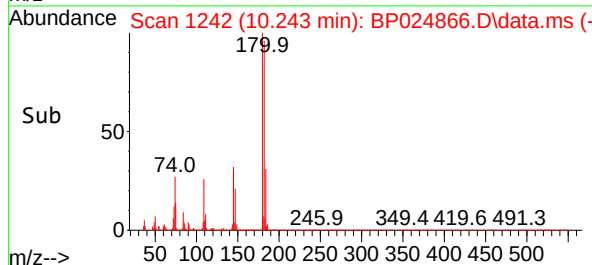
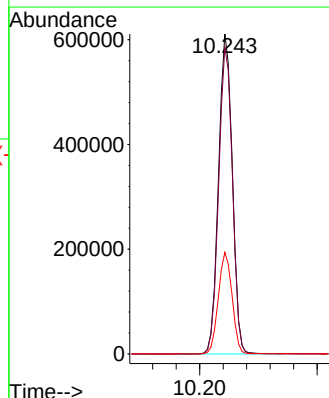
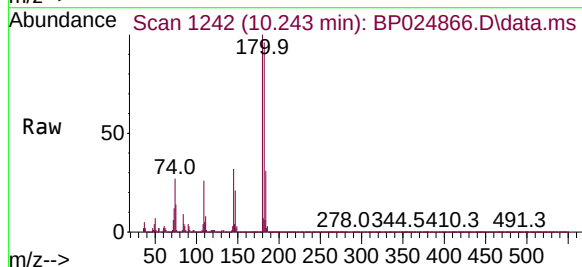
Tgt Ion:180 Resp: 995211

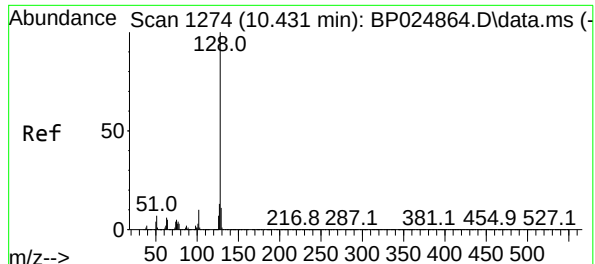
Ion Ratio Lower Upper

180 100

182 95.7 75.8 113.6

145 31.7 25.7 38.5





#31

Naphthalene

Concen: 60.566 ng

RT: 10.431 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

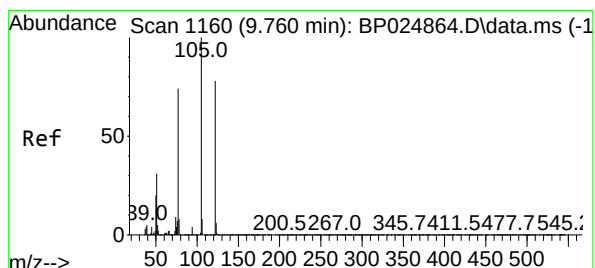
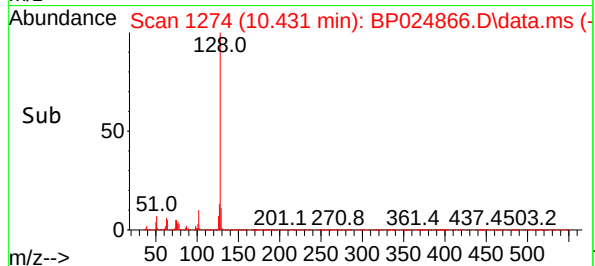
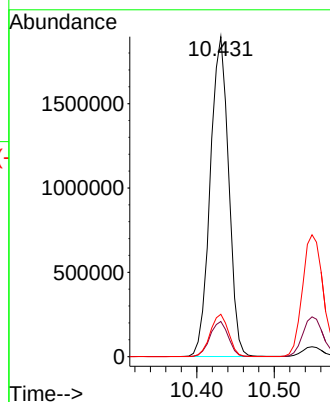
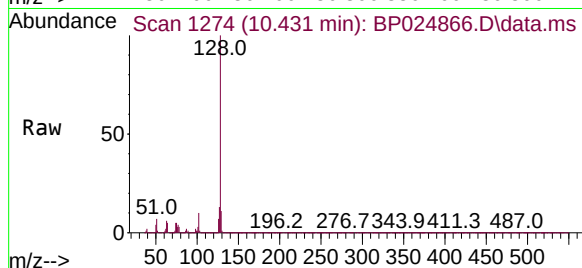
Tgt Ion:128 Resp: 3124640

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.2 10.7 16.1



#32

Benzoic acid

Concen: 68.525 ng

RT: 9.778 min Scan# 1163

Delta R.T. 0.018 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

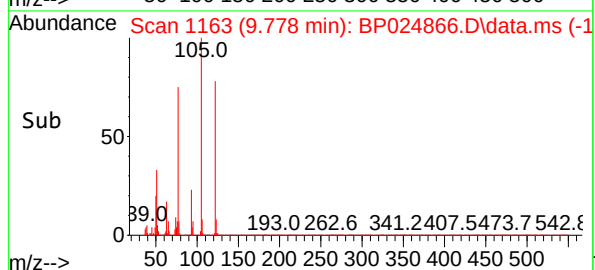
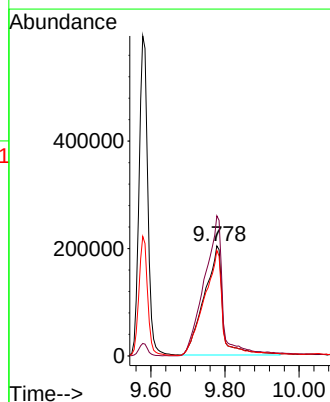
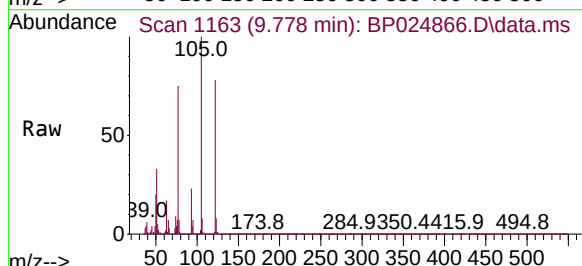
Tgt Ion:122 Resp: 710052

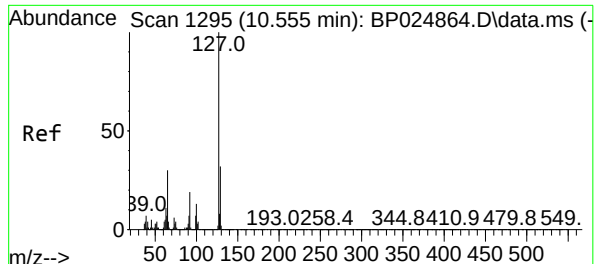
Ion Ratio Lower Upper

122 100

105 127.5 107.1 147.1

77 95.8 75.1 115.1





#33

4-Chloroaniline

Concen: 64.650 ng

RT: 10.549 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 1397378

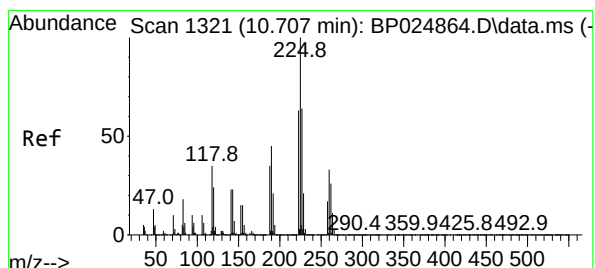
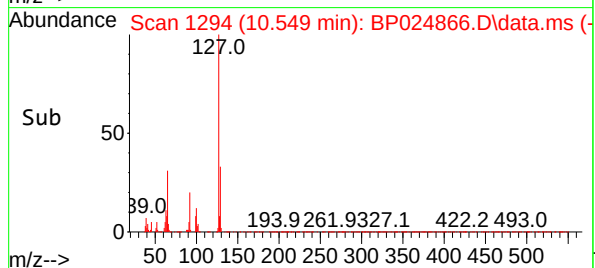
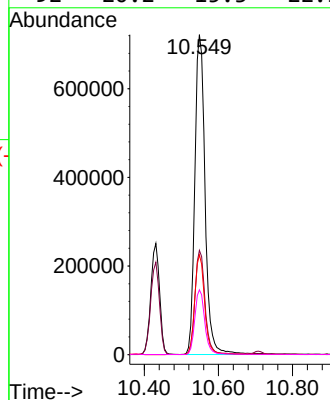
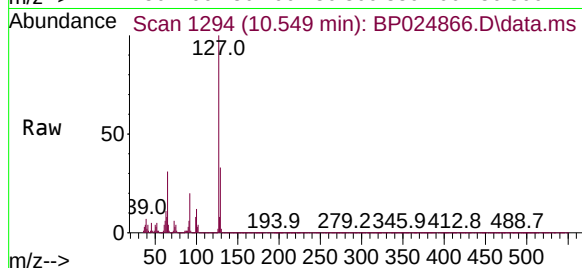
Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 31.2 23.9 35.9

92 20.2 15.3 22.9



#34

Hexachlorobutadiene

Concen: 59.056 ng

RT: 10.707 min Scan# 1321

Delta R.T. -0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

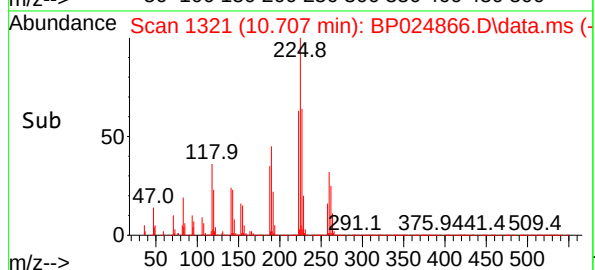
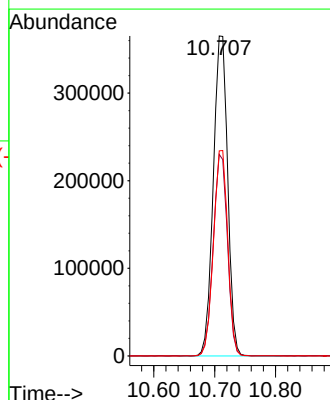
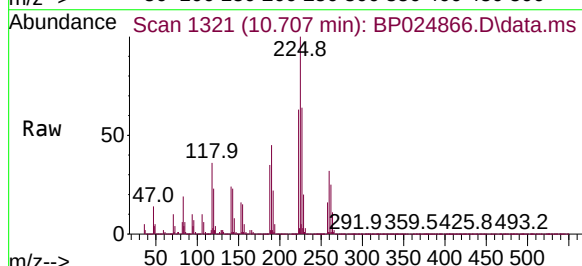
Tgt Ion:225 Resp: 598677

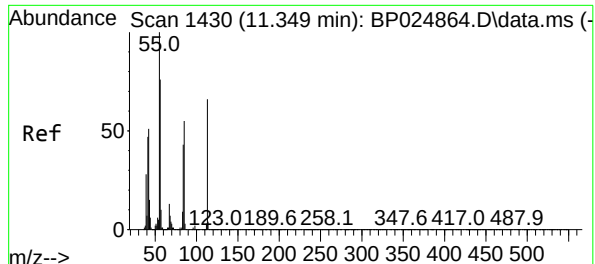
Ion Ratio Lower Upper

225 100

223 63.0 50.5 75.7

227 64.1 51.4 77.2

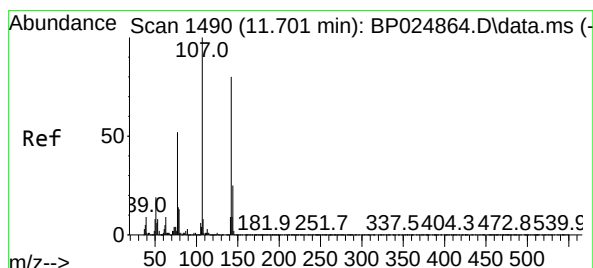
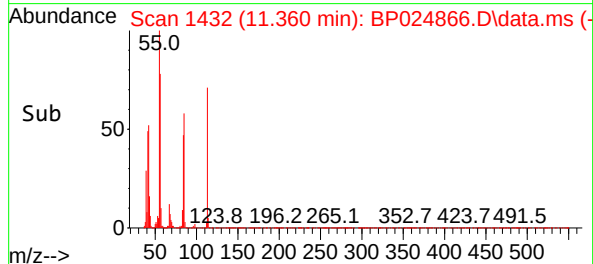
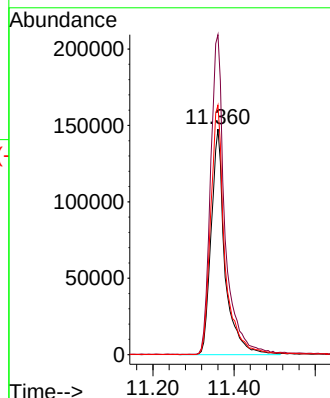
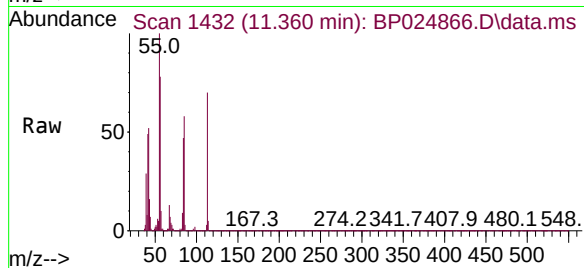




#35
Caprolactam
Concen: 63.654 ng
RT: 11.360 min Scan# 1430
Delta R.T. 0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

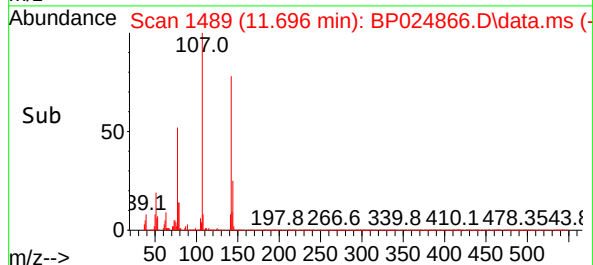
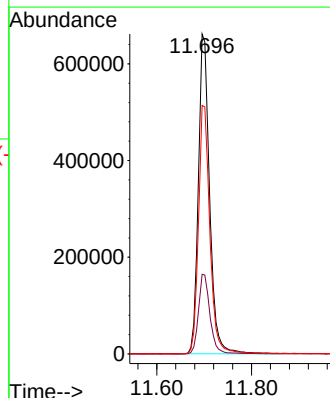
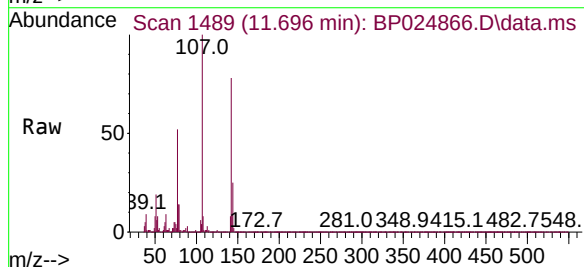
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

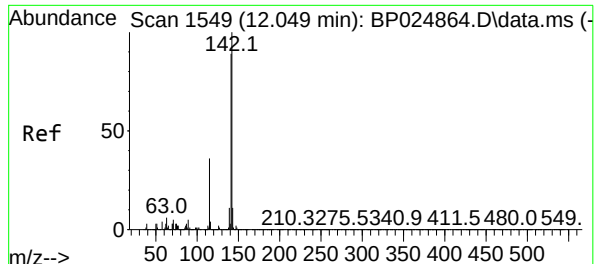
Tgt Ion	Ratio	Lower	Upper
113	100		
55	141.9	132.5	172.5
56	110.6	96.0	136.0



#36
4-Chloro-3-methylphenol
Concen: 63.738 ng
RT: 11.696 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.4	30.6
142	77.6	63.8	95.6





#37

2-Methylnaphthalene

Concen: 61.250 ng

RT: 12.043 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

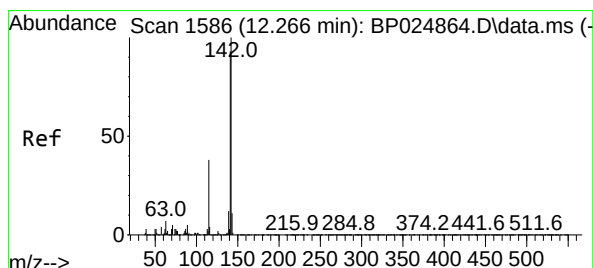
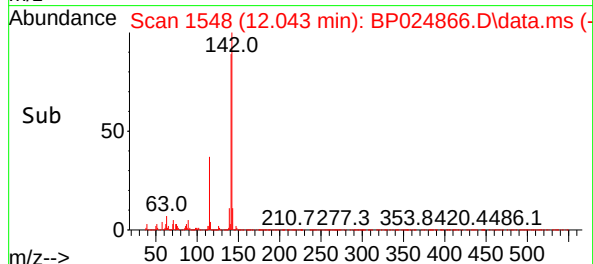
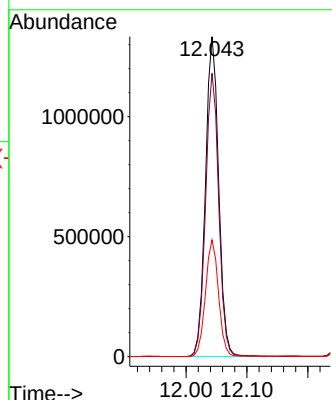
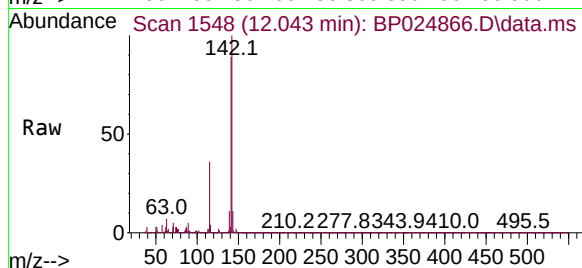
Tgt Ion:142 Resp: 2004422

Ion Ratio Lower Upper

142 100

141 88.5 71.2 106.8

115 36.5 28.5 42.7



#38

1-Methylnaphthalene

Concen: 59.832 ng

RT: 12.266 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

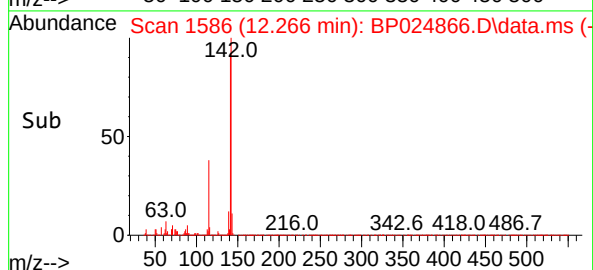
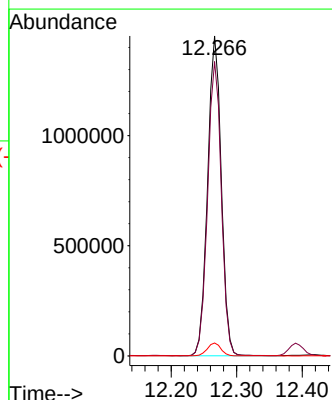
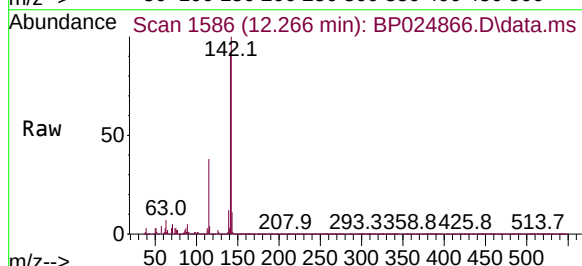
Tgt Ion:142 Resp: 2093346

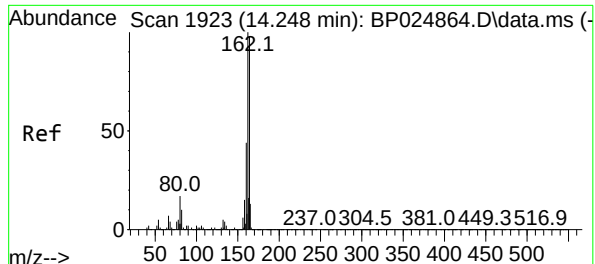
Ion Ratio Lower Upper

142 100

141 92.0 74.7 112.1

116 4.0 3.4 5.0

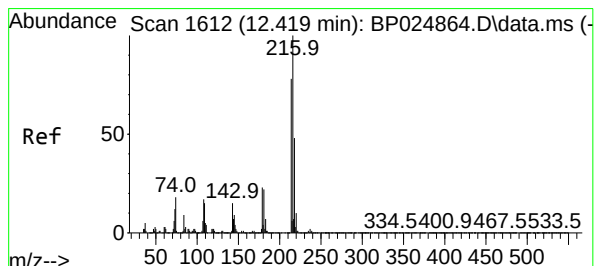
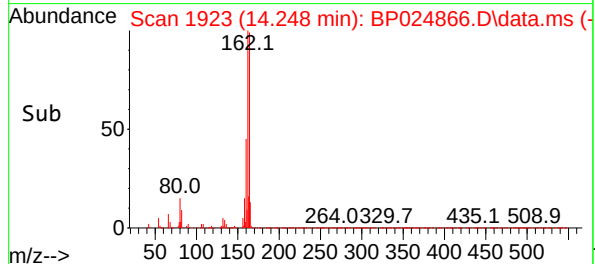
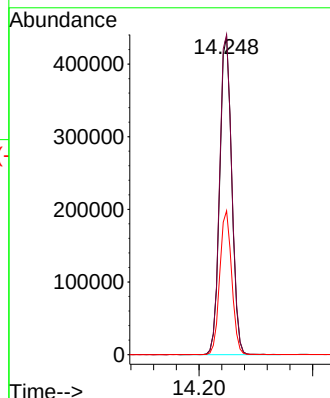
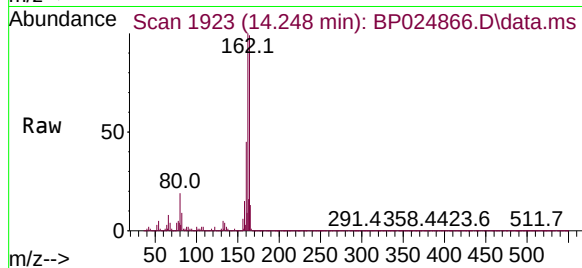




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

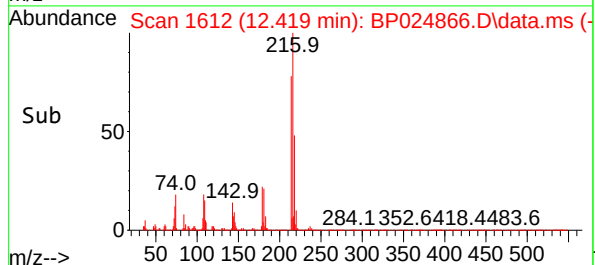
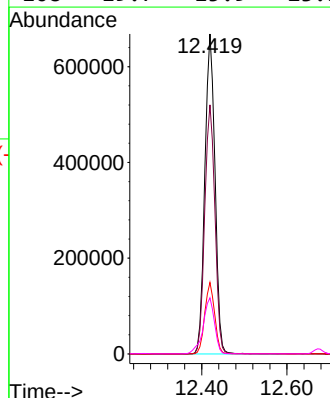
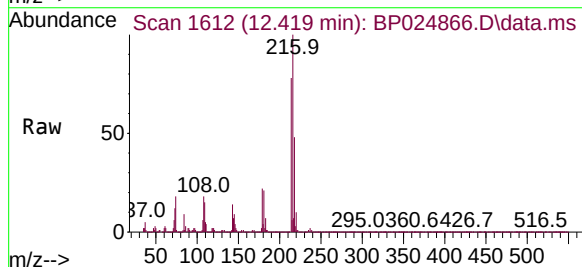
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

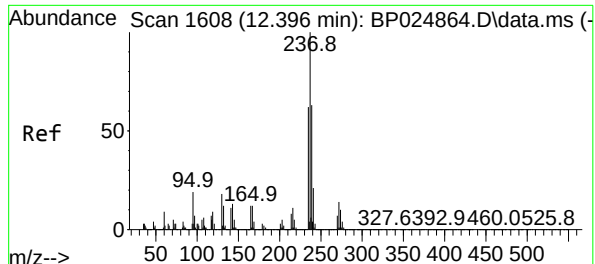
Tgt Ion:164 Resp: 639758
Ion Ratio Lower Upper
164 100
162 100.6 81.6 122.4
160 45.2 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.637 ng
RT: 12.419 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:216 Resp: 1100767
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.4
179 21.8 17.8 26.6
108 19.7 15.9 23.9

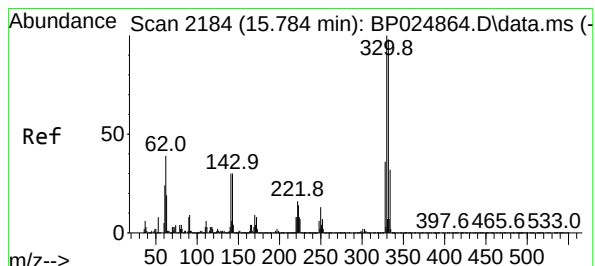
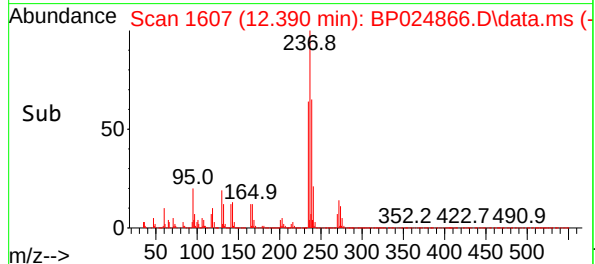
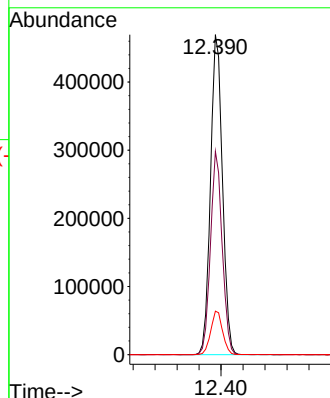
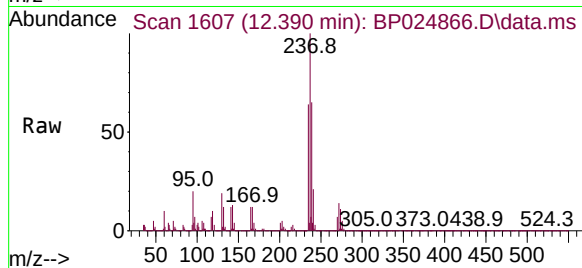




#41
Hexachlorocyclopentadiene
Concen: 63.884 ng
RT: 12.390 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

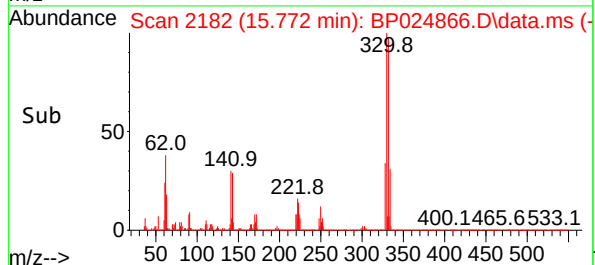
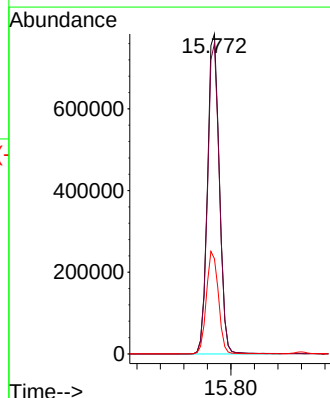
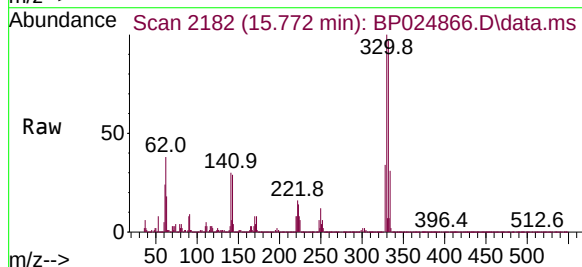
Instrument :
BNA_P
ClientSampleId :
SSTDIC060

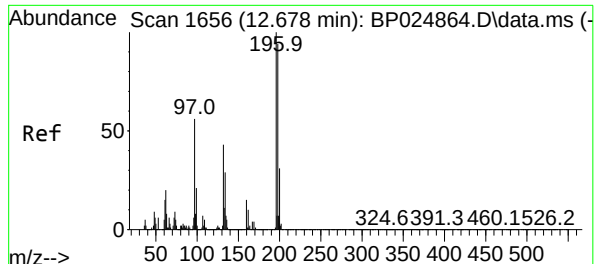
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.5	41.9	81.9
272	13.6	0.0	33.7



#42
2,4,6-Tribromophenol
Concen: 124.076 ng
RT: 15.772 min Scan# 2182
Delta R.T. -0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.7	116.5
141	32.4	26.4	39.6





#43

2,4,6-Trichlorophenol

Concen: 63.669 ng

RT: 12.672 min Scan# 1655

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

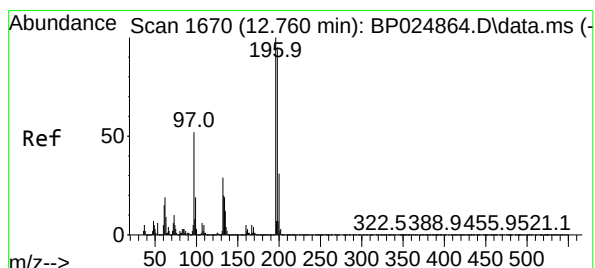
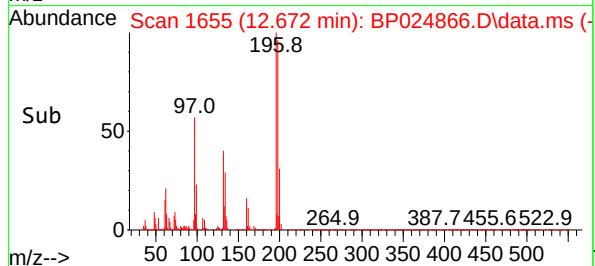
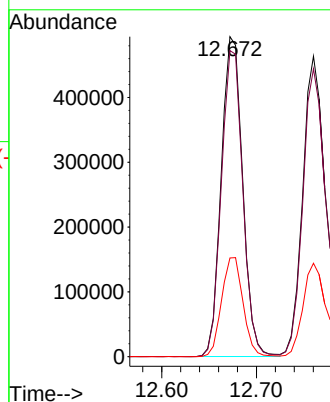
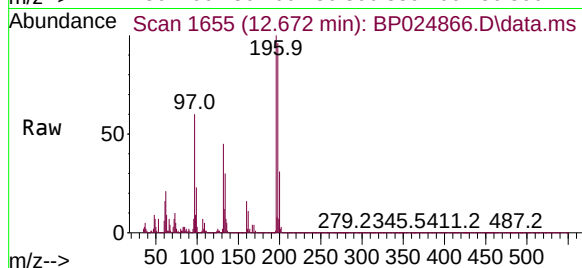
Tgt Ion:196 Resp: 776210

Ion Ratio Lower Upper

196 100

198 95.6 75.4 113.0

200 30.8 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 64.077 ng

RT: 12.760 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Tgt Ion:196 Resp: 836590

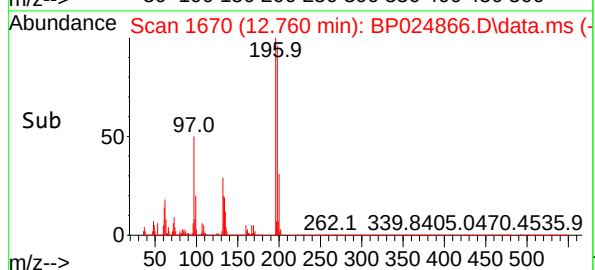
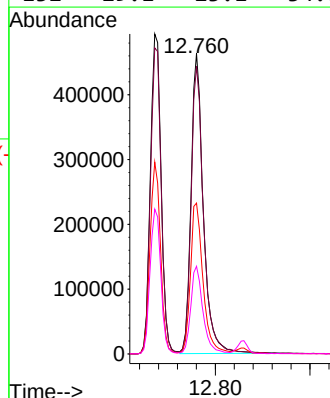
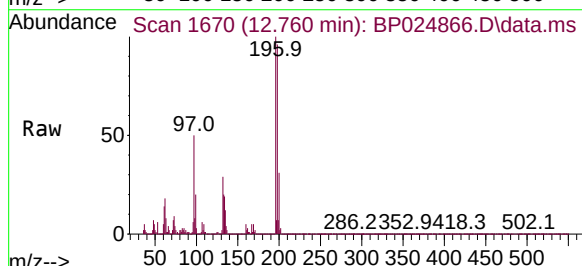
Ion Ratio Lower Upper

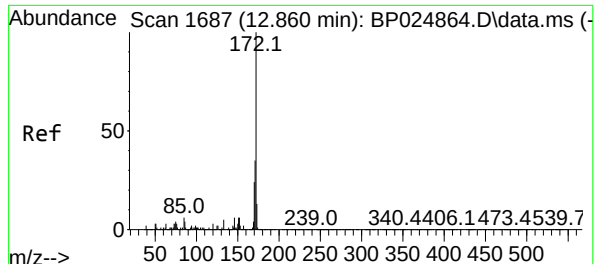
196 100

198 95.8 76.0 114.0

97 50.2 41.5 62.3

132 29.1 23.1 34.7

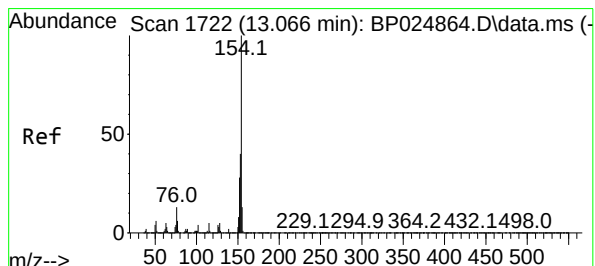
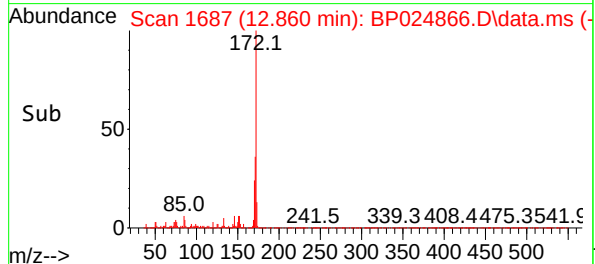
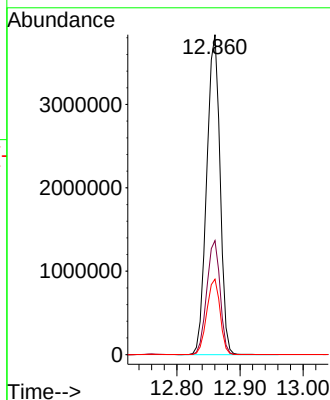
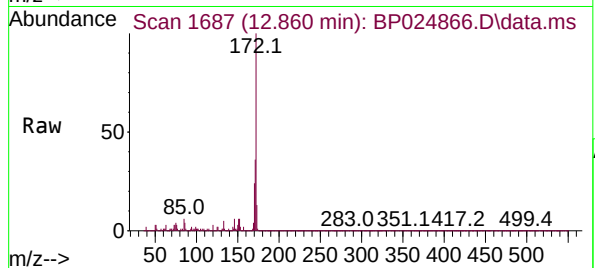




#45
2-Fluorobiphenyl
Concen: 118.347 ng
RT: 12.860 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

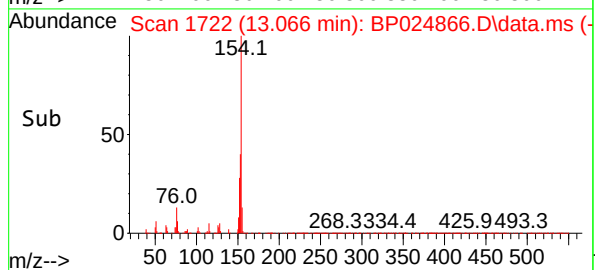
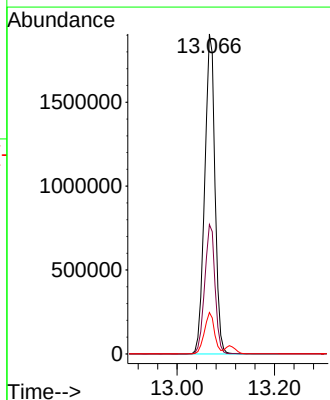
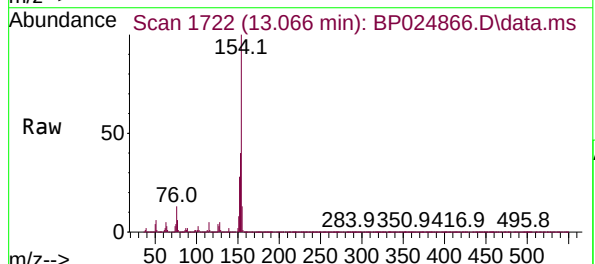
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

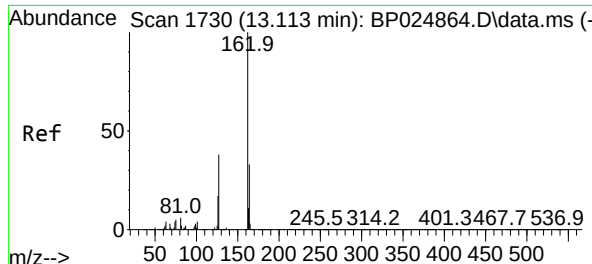
Tgt Ion:172 Resp: 5620380
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 60.176 ng
RT: 13.066 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:154 Resp: 2797746
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 12.9 0.0 33.0





#47

2-Chloronaphthalene

Concen: 61.023 ng

RT: 13.107 min Scan# 1729

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

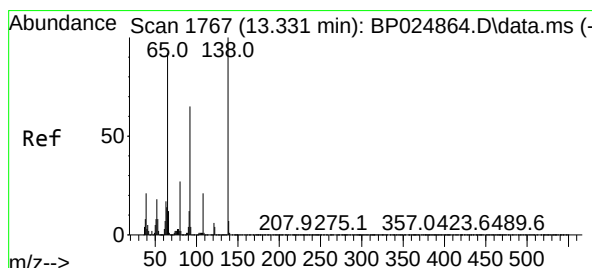
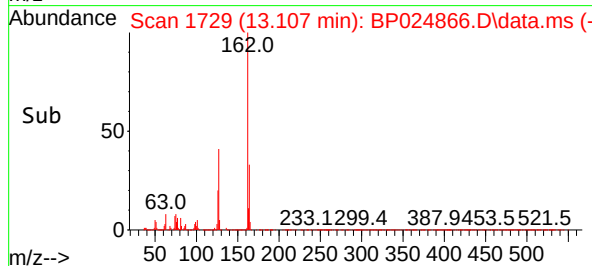
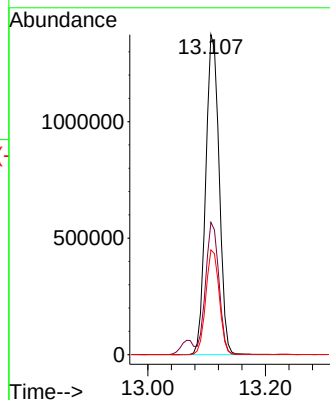
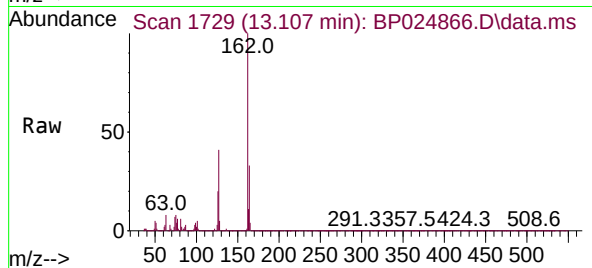
Tgt Ion:162 Resp: 2180558

Ion Ratio Lower Upper

162 100

127 41.4 32.5 48.7

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 65.376 ng

RT: 13.331 min Scan# 1767

Delta R.T. 0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

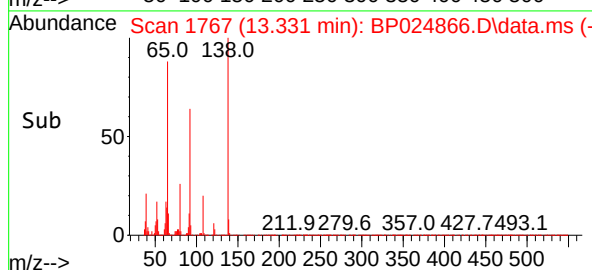
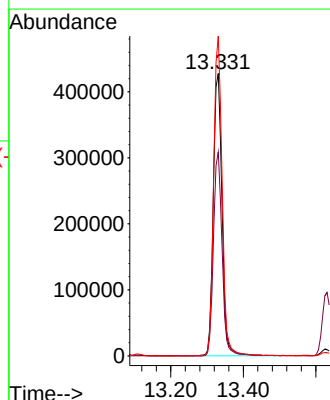
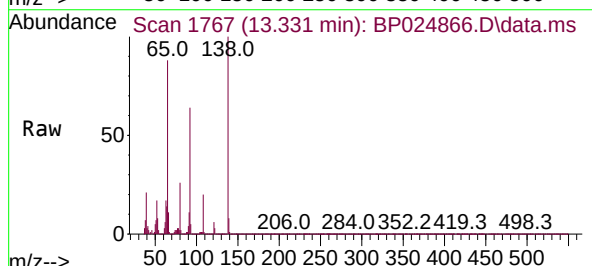
Tgt Ion: 65 Resp: 718204

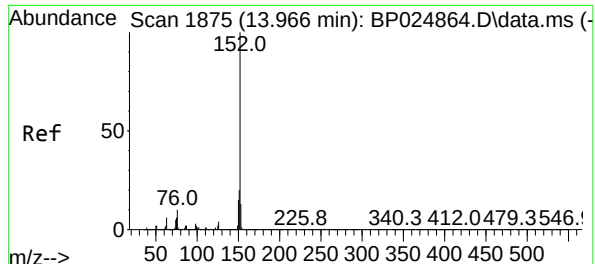
Ion Ratio Lower Upper

65 100

92 72.2 56.8 85.2

138 113.3 86.9 130.3





#49

Acenaphthylene

Concen: 61.318 ng

RT: 13.966 min Scan# 1875

Delta R.T. -0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

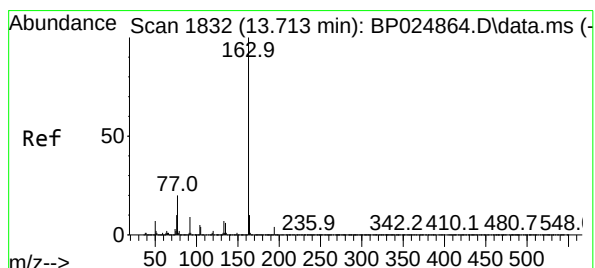
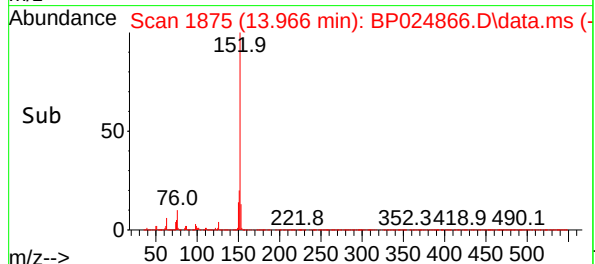
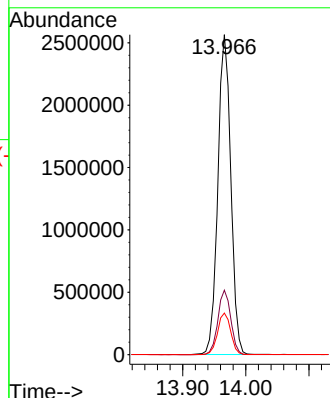
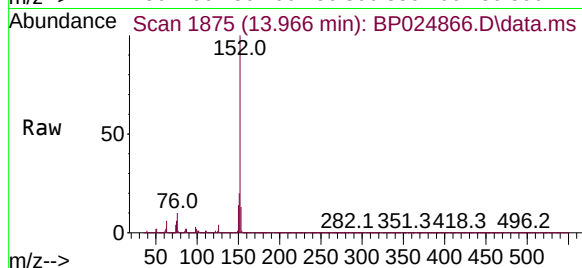
Tgt Ion:152 Resp: 3653383

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 59.902 ng

RT: 13.707 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

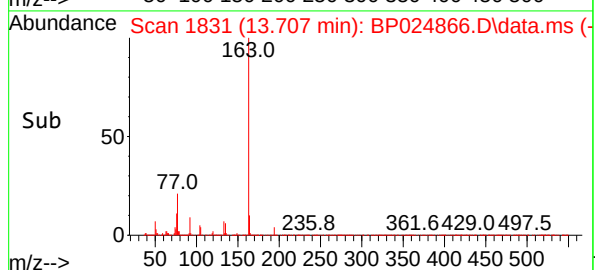
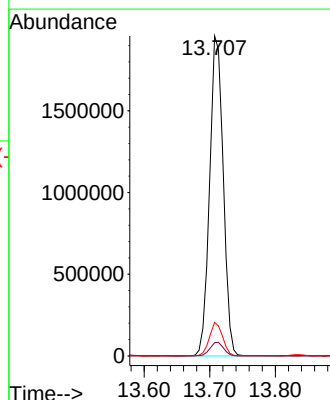
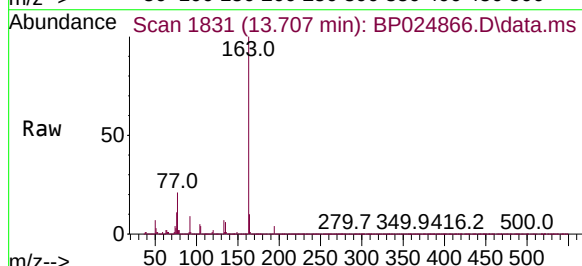
Tgt Ion:163 Resp: 2826983

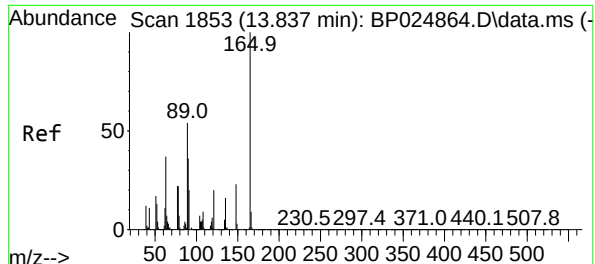
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.5 8.0 12.0

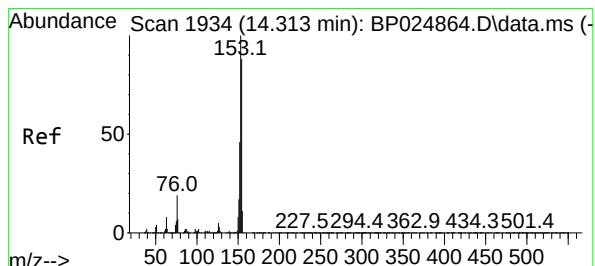
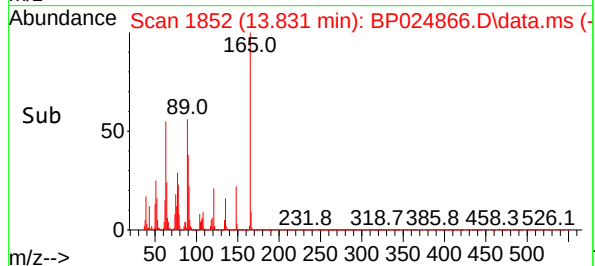
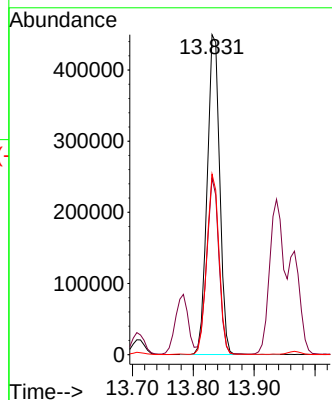
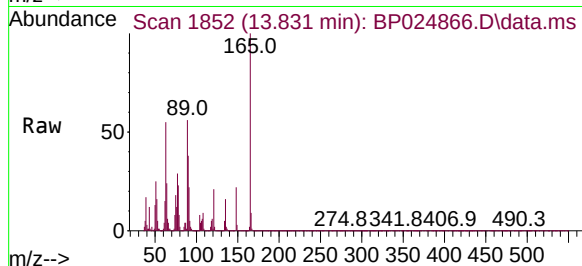




#51
2,6-Dinitrotoluene
Concen: 62.878 ng
RT: 13.831 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

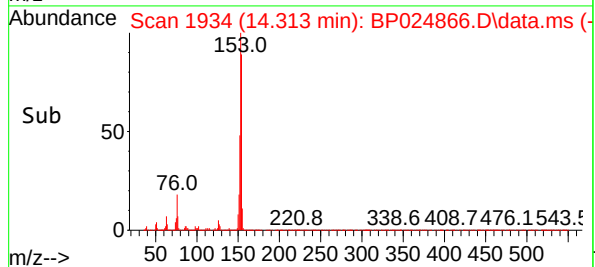
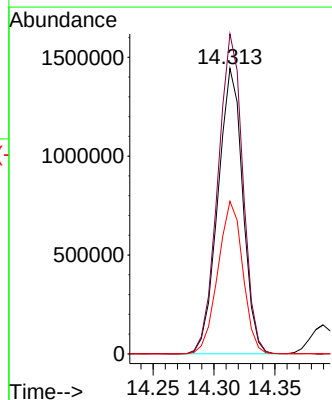
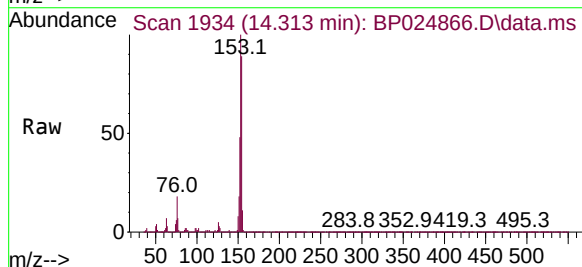
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

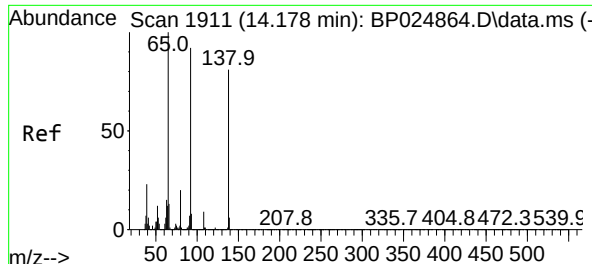
Tgt Ion:165 Resp: 639722
Ion Ratio Lower Upper
165 100
63 55.2 41.8 62.8
89 56.4 43.1 64.7



#52
Acenaphthene
Concen: 60.082 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:154 Resp: 2051309
Ion Ratio Lower Upper
154 100
153 112.1 90.5 135.7
152 53.5 42.1 63.1

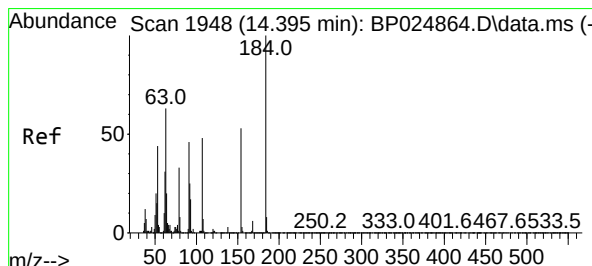
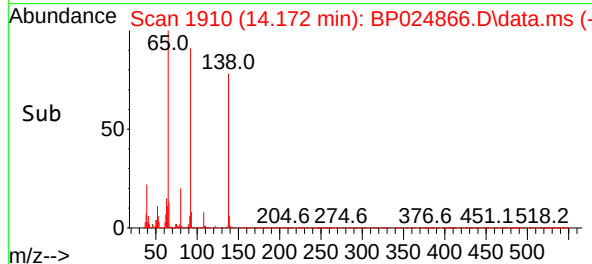
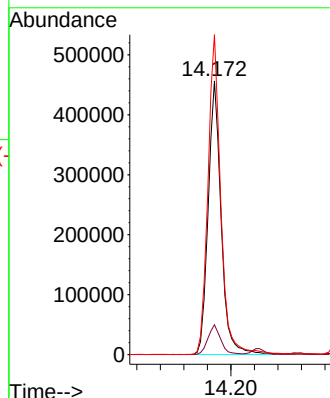
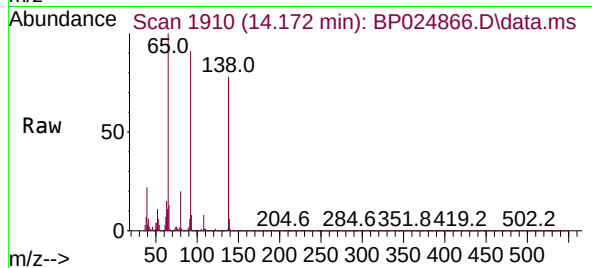




#53
3-Nitroaniline
Concen: 66.199 ng
RT: 14.172 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

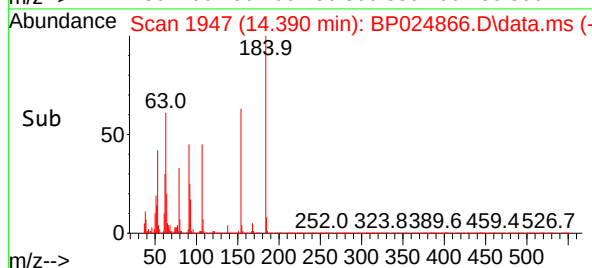
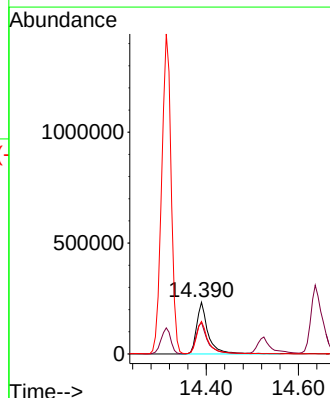
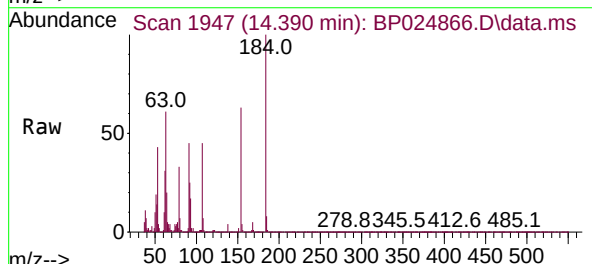
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

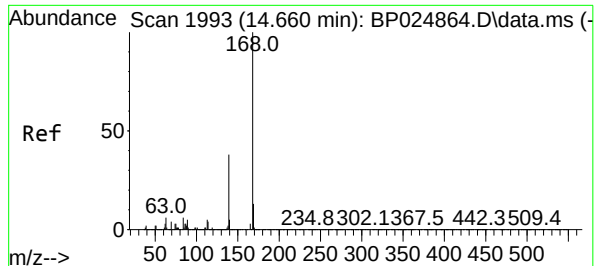
Tgt Ion:138 Resp: 698945
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 116.9 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 61.497 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:184 Resp: 398250
Ion Ratio Lower Upper
184 100
63 61.2 51.0 76.4
154 63.0 51.7 77.5

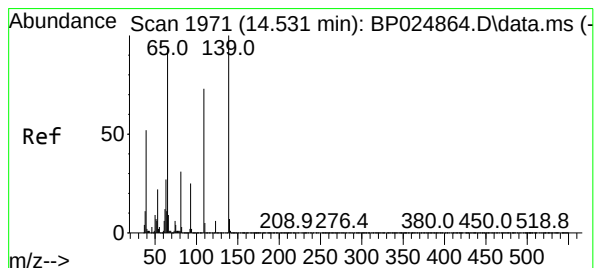
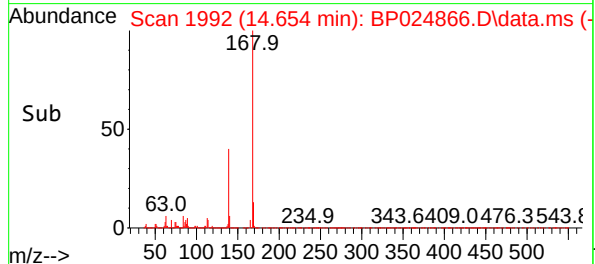
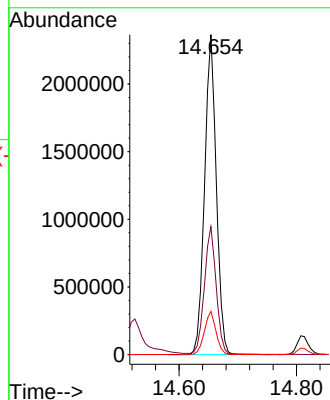
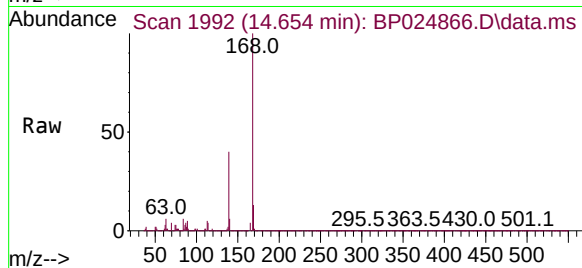




#55
Dibenzenofuran
Concen: 59.618 ng
RT: 14.654 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

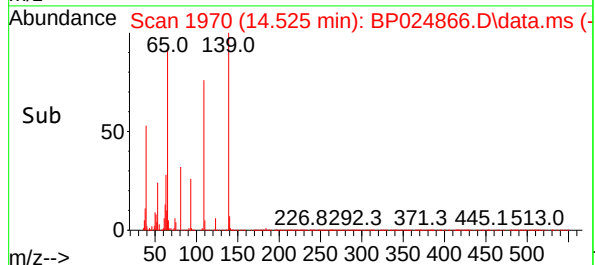
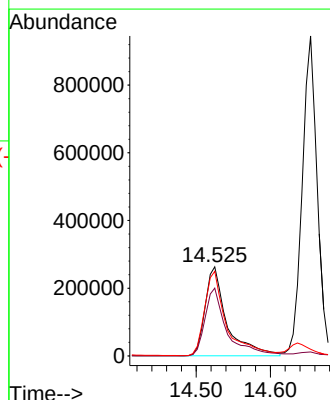
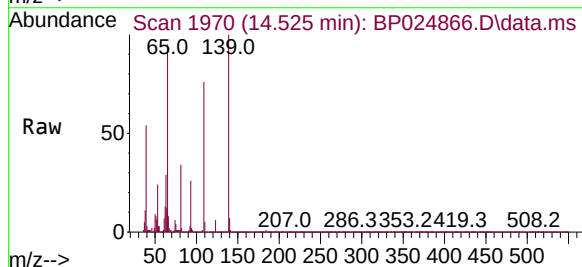
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

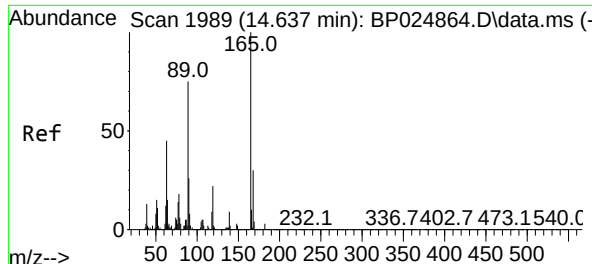
Tgt Ion:168 Resp: 3267254
Ion Ratio Lower Upper
168 100
139 40.0 31.6 47.4
169 13.5 10.6 15.8



#56
4-Nitrophenol
Concen: 61.650 ng
RT: 14.525 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:139 Resp: 539162
Ion Ratio Lower Upper
139 100
109 76.2 53.1 93.1
65 95.0 73.0 113.0

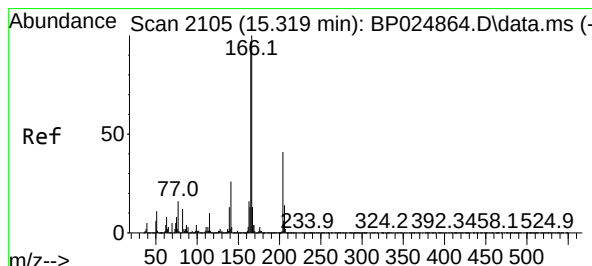
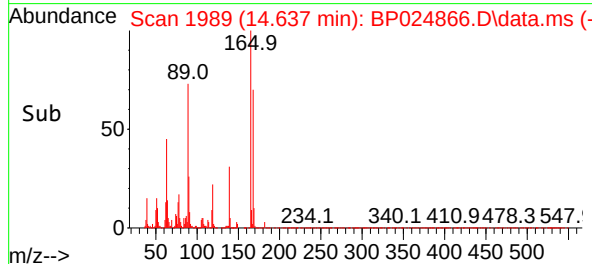
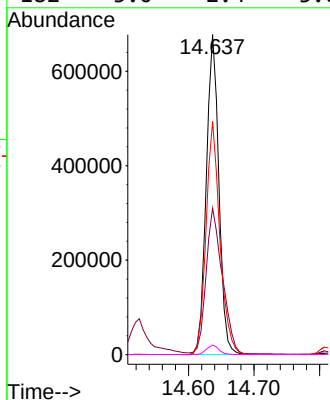
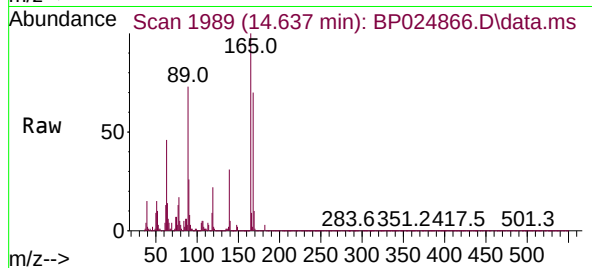




#57
2,4-Dinitrotoluene
Concen: 63.345 ng
RT: 14.637 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

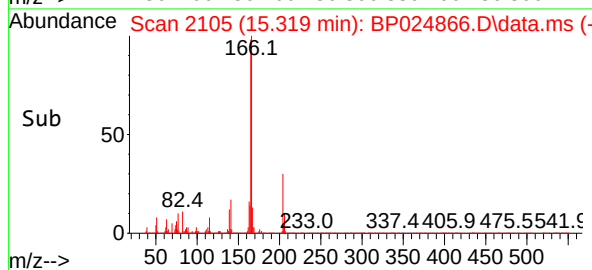
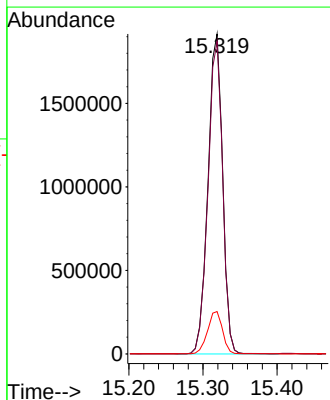
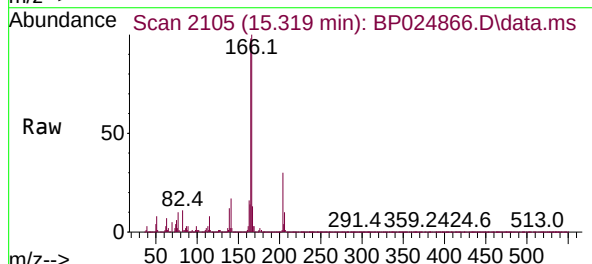
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

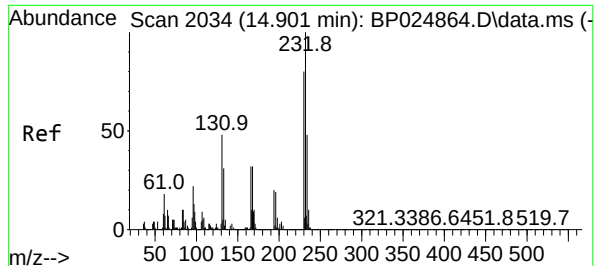
Tgt Ion:	165	Resp:	901515
Ion	Ratio	Lower	Upper
165	100		
63	45.8	37.0	55.6
89	72.8	60.1	90.1
182	3.0	2.4	3.6



#58
Fluorene
Concen: 59.381 ng
RT: 15.319 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:	166	Resp:	2628887
Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.7	116.5
167	13.2	10.6	16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 62.524 ng

RT: 14.895 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDIC060

Tgt Ion:232 Resp: 730647

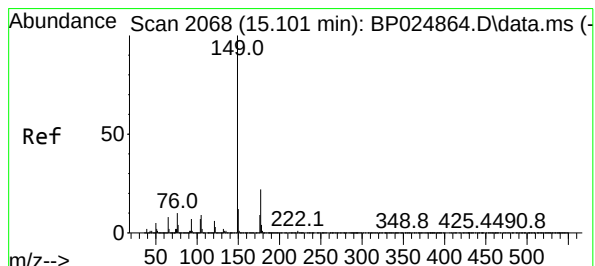
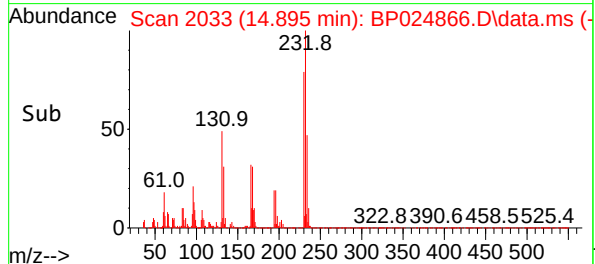
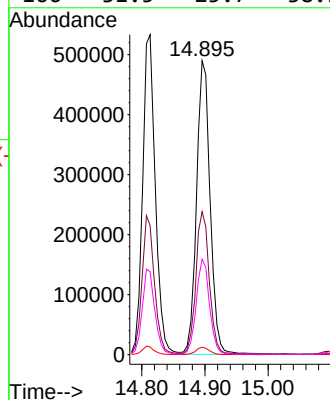
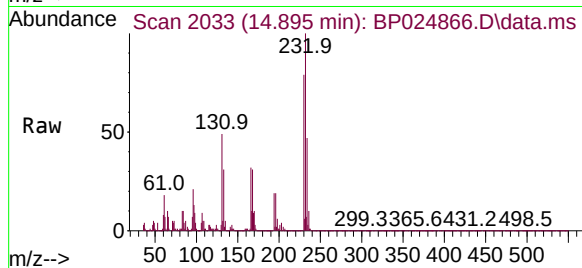
Ion Ratio Lower Upper

232 100

131 48.2 38.2 57.2

130 2.5 2.1 3.1

166 31.5 25.7 38.5



#60

Diethylphthalate

Concen: 58.943 ng

RT: 15.090 min Scan# 2066

Delta R.T. -0.012 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

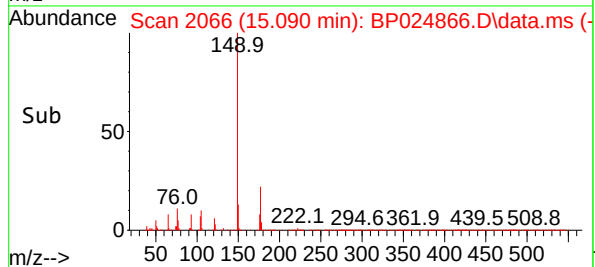
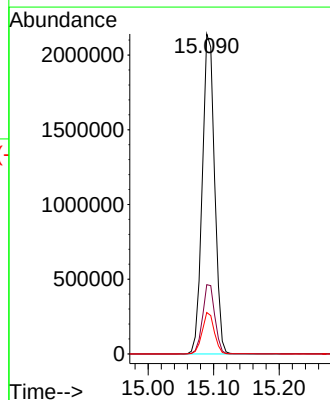
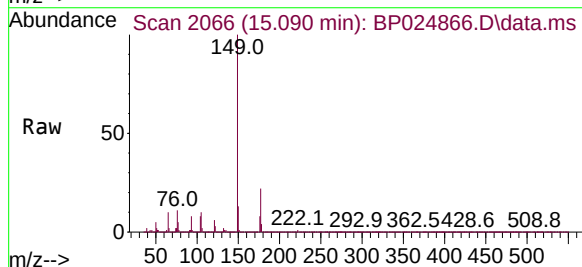
Tgt Ion:149 Resp: 2772340

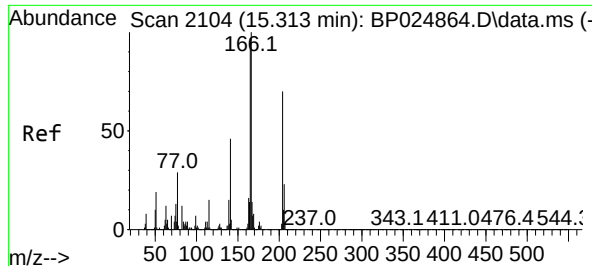
Ion Ratio Lower Upper

149 100

177 21.6 17.9 26.9

150 12.9 9.8 14.6

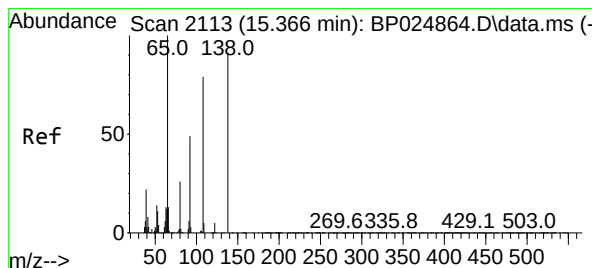
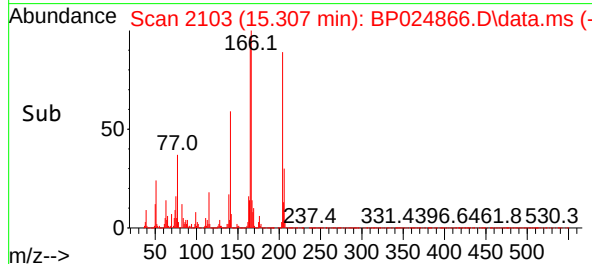
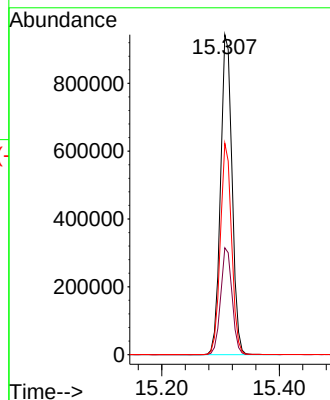
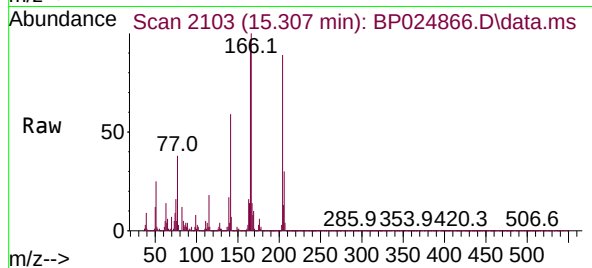




#61
4-Chlorophenyl-phenylether
Concen: 58.980 ng
RT: 15.307 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

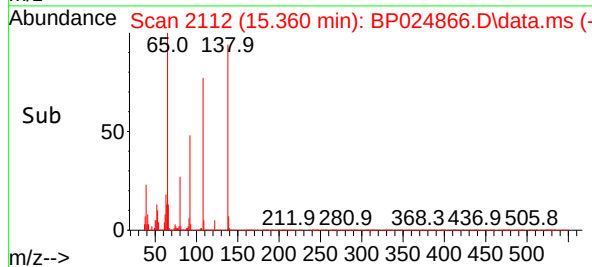
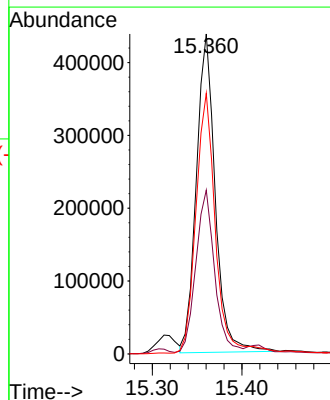
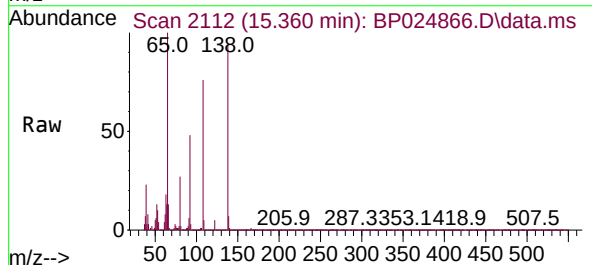
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

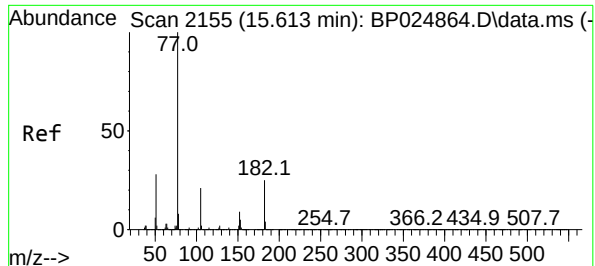
Tgt Ion:204 Resp: 1276716
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 66.0 52.4 78.6



#62
4-Nitroaniline
Concen: 66.714 ng
RT: 15.360 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:138 Resp: 639038
Ion Ratio Lower Upper
138 100
92 51.2 33.5 73.5
108 81.4 65.1 105.1

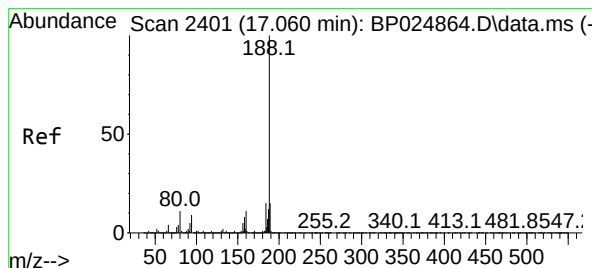
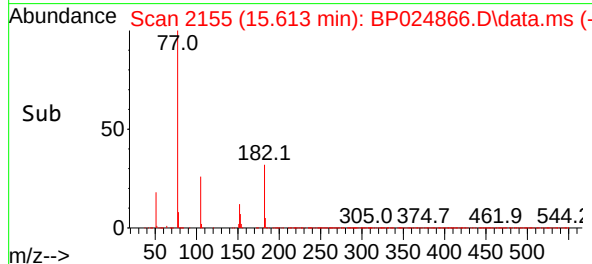
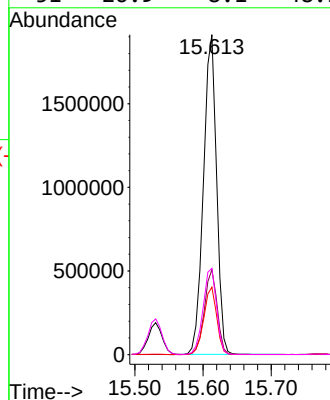
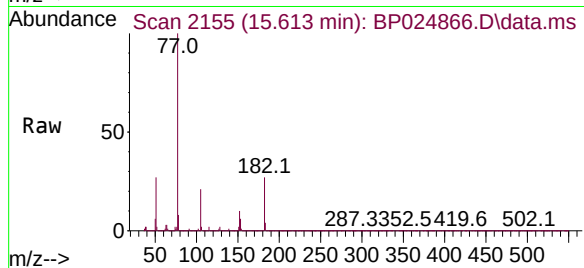




#63
Azobenzene
Concen: 59.380 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

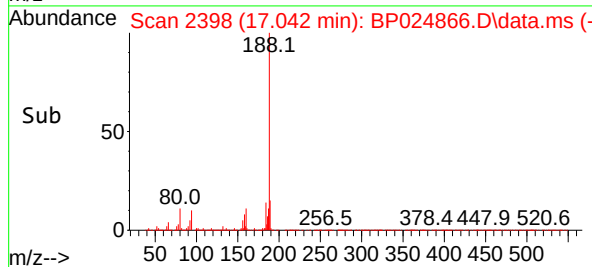
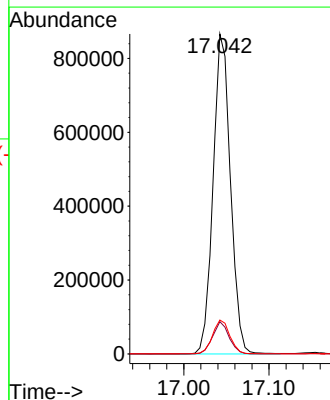
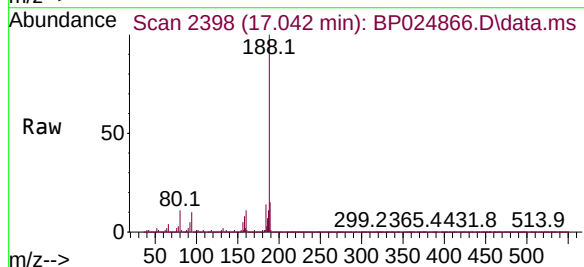
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

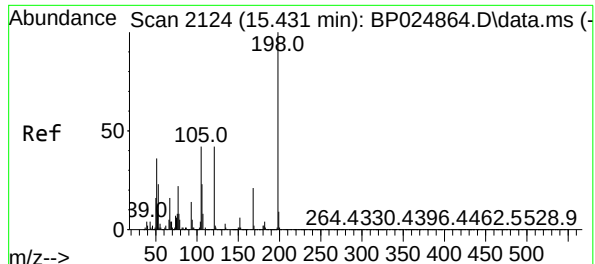
Tgt Ion: 77 Resp: 2561443
Ion Ratio Lower Upper
77 100
182 26.6 5.4 45.4
105 21.1 0.8 40.8
51 26.9 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.042 min Scan# 2398
Delta R.T. -0.018 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion: 188 Resp: 1223735
Ion Ratio Lower Upper
188 100
94 10.1 7.3 10.9
80 10.6 8.5 12.7

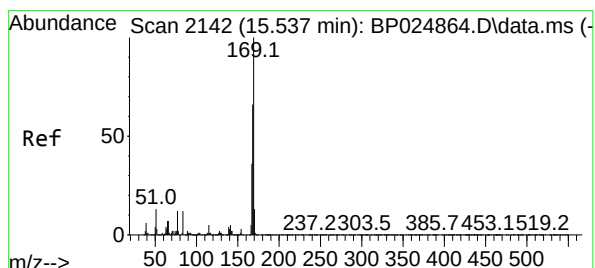
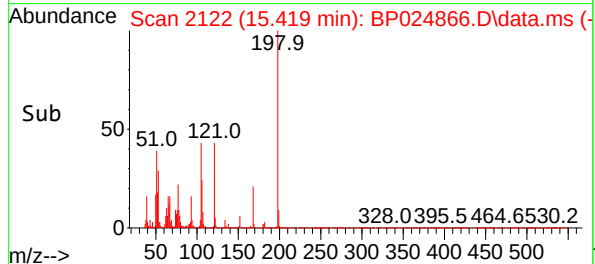
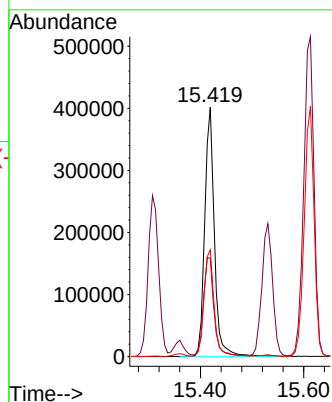
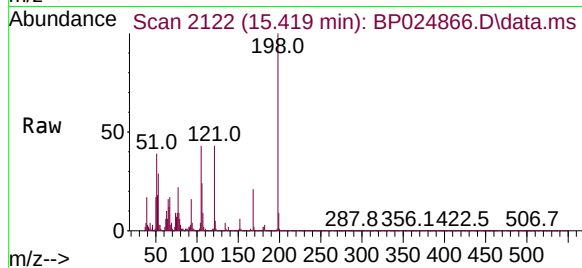




#65
4,6-Dinitro-2-methylphenol
Concen: 65.178 ng
RT: 15.419 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

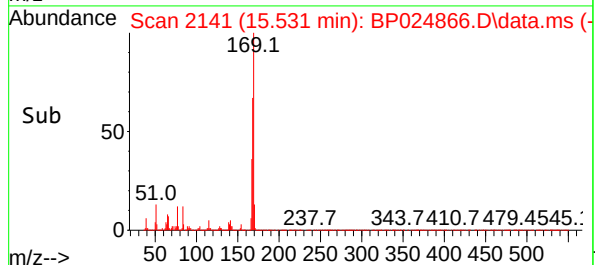
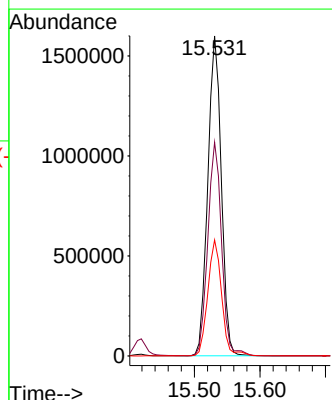
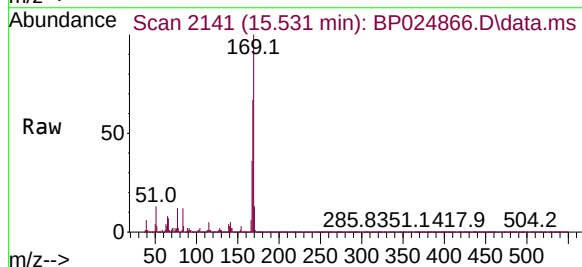
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

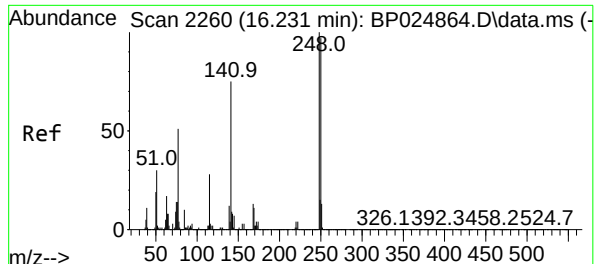
Tgt Ion	Ratio	Lower	Upper
198	100		
51	39.5	19.2	59.2
105	42.8	22.6	62.6



#66
n-Nitrosodiphenylamine
Concen: 60.188 ng
RT: 15.531 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.0	79.6
167	36.2	28.6	43.0

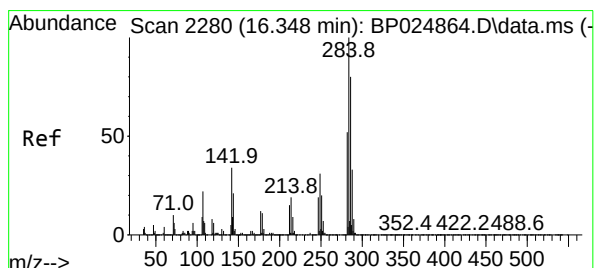
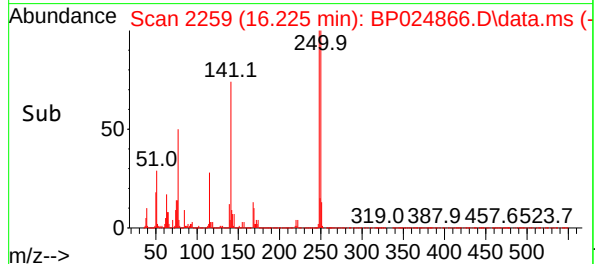
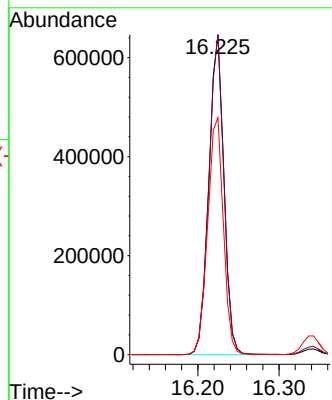
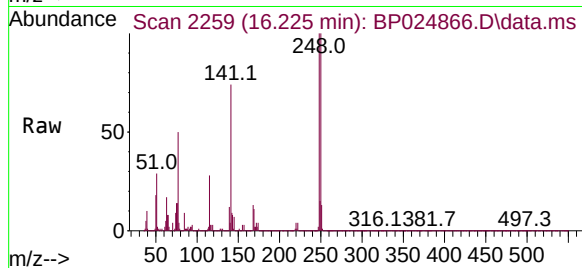




#67
4-Bromophenyl-phenylether
Concen: 60.812 ng
RT: 16.225 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

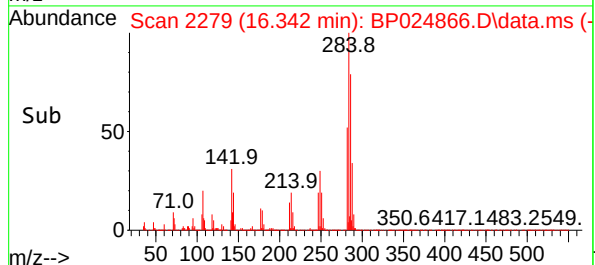
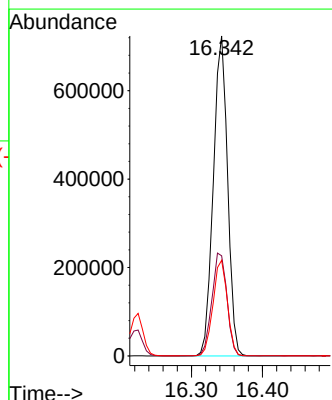
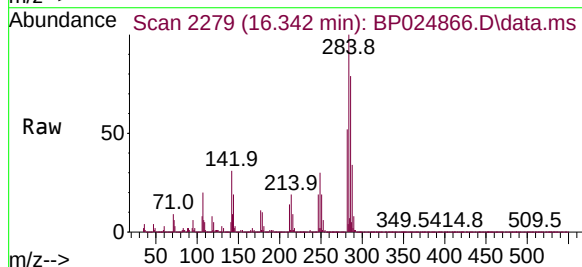
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

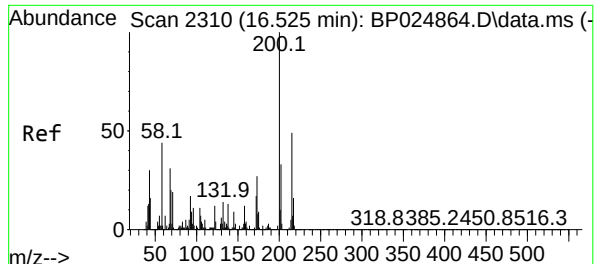
Tgt Ion:248 Resp: 839674
Ion Ratio Lower Upper
248 100
250 100.1 77.4 116.2
141 74.1 59.9 89.9



#68
Hexachlorobenzene
Concen: 60.238 ng
RT: 16.342 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:284 Resp: 1008320
Ion Ratio Lower Upper
284 100
142 31.3 27.0 40.6
249 29.9 25.0 37.6

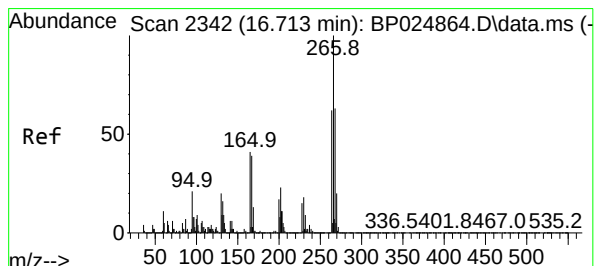
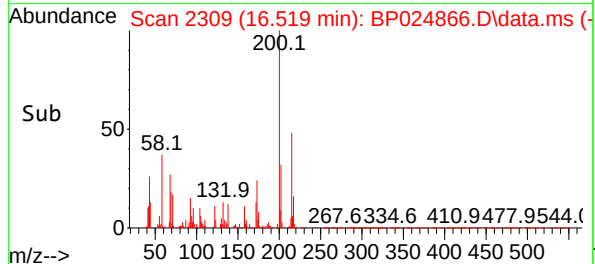
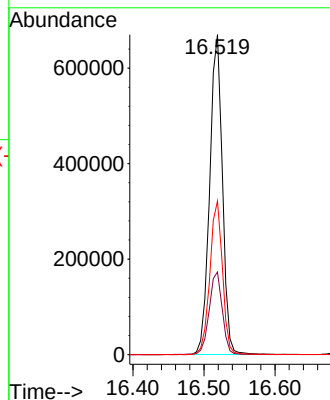
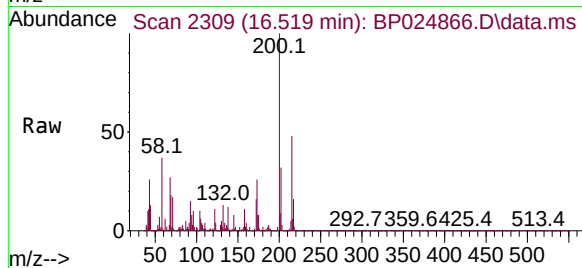




#69
Atrazine
Concen: 60.814 ng
RT: 16.519 min Scan# 2309
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

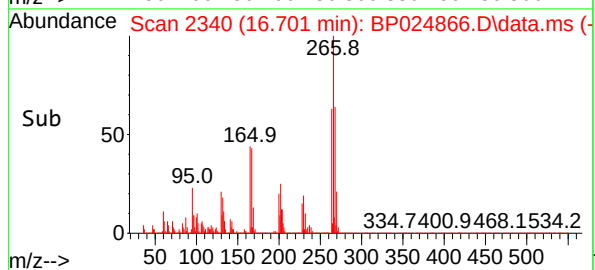
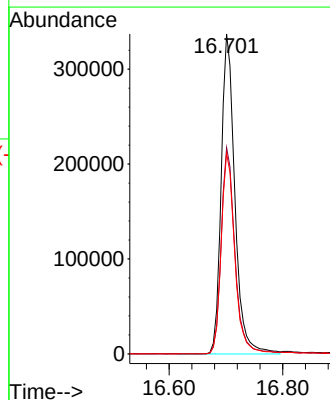
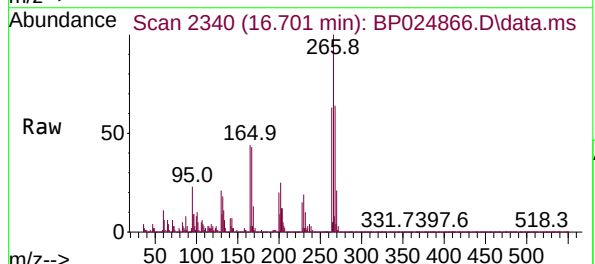
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

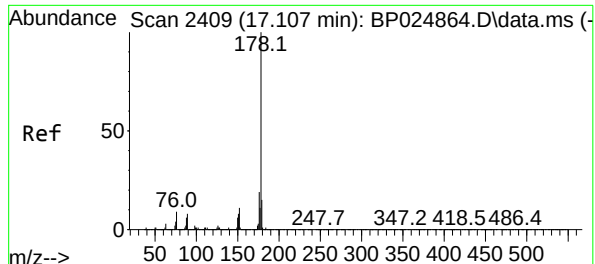
Tgt Ion:200 Resp: 836217
Ion Ratio Lower Upper
200 100
173 25.8 6.9 46.9
215 48.0 28.7 68.7



#70
Pentachlorophenol
Concen: 64.826 ng
RT: 16.701 min Scan# 2340
Delta R.T. -0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:266 Resp: 561603
Ion Ratio Lower Upper
266 100
268 64.5 50.6 76.0
264 62.7 49.7 74.5

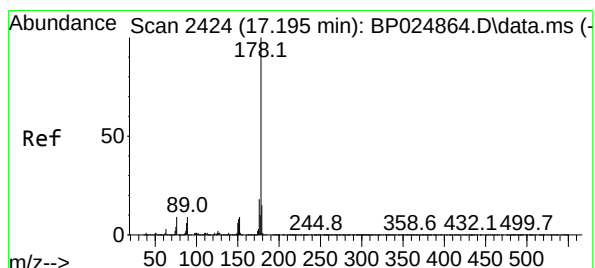
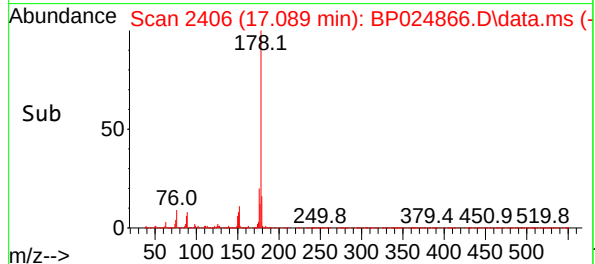
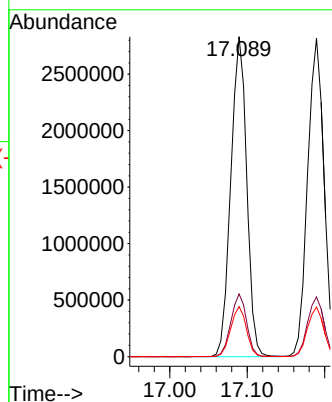
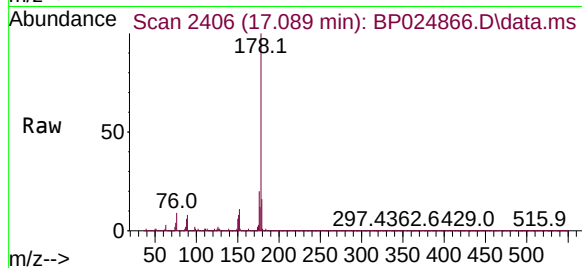




#71
Phenanthrene
Concen: 59.844 ng
RT: 17.089 min Scan# 2409
Delta R.T. -0.018 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

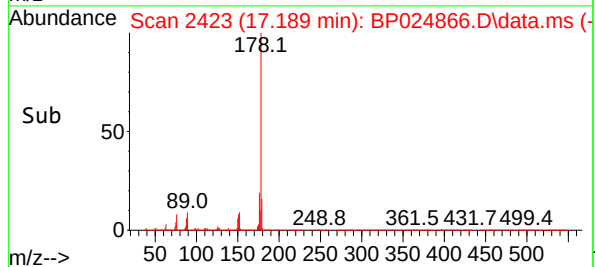
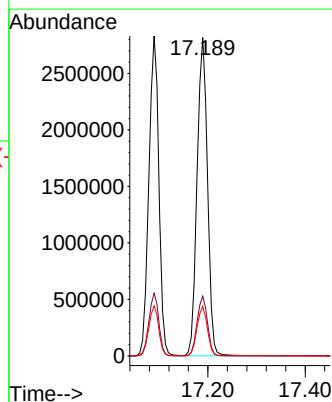
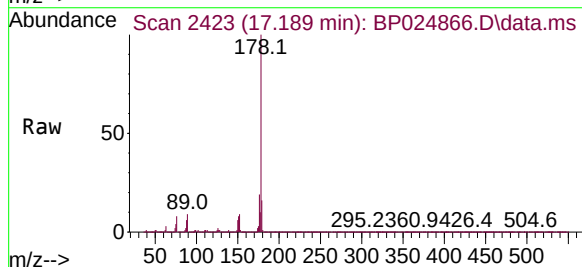
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

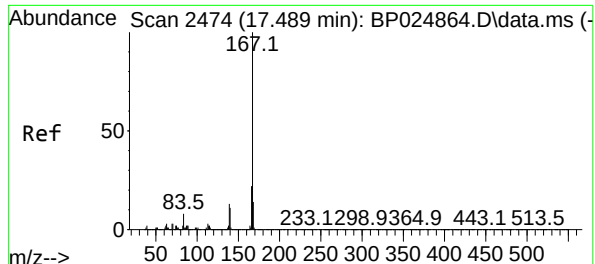
Tgt Ion:178 Resp: 4046968
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.6 12.1 18.1



#72
Anthracene
Concen: 60.751 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:178 Resp: 4160775
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.6 12.3 18.5

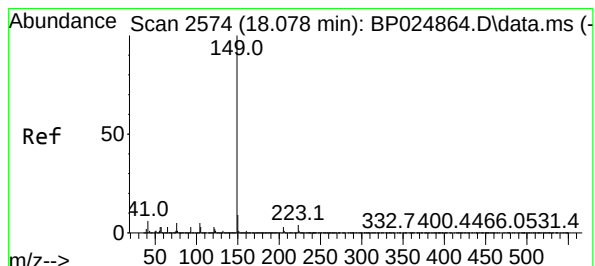
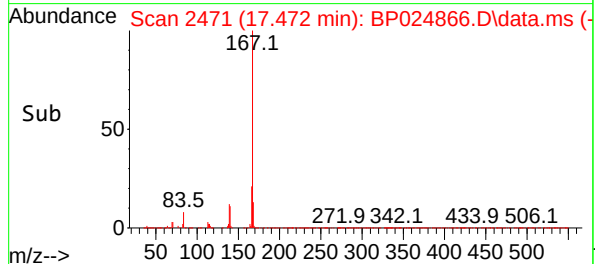
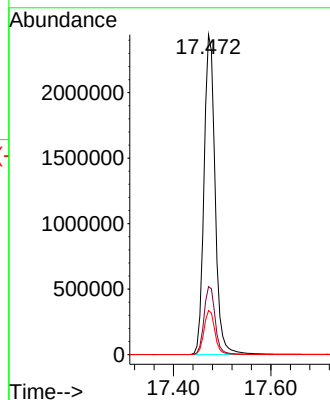
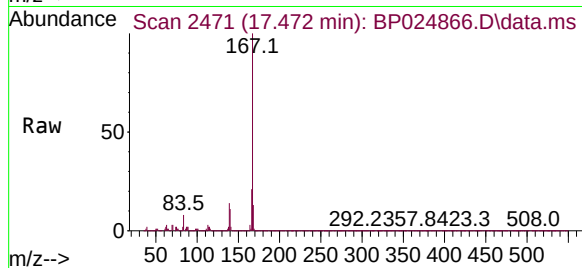




#73
Carbazole
Concen: 60.827 ng
RT: 17.472 min Scan# 2474
Delta R.T. -0.018 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

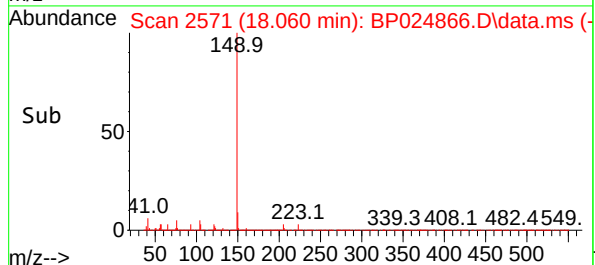
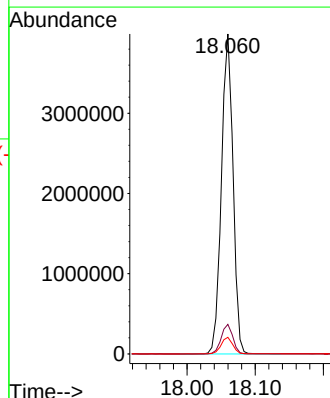
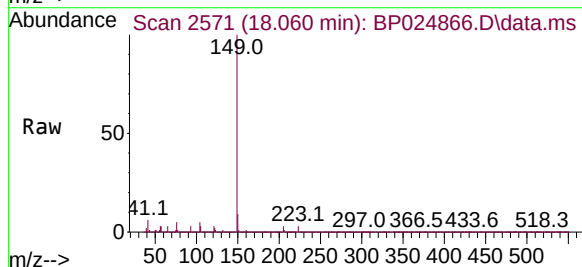
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

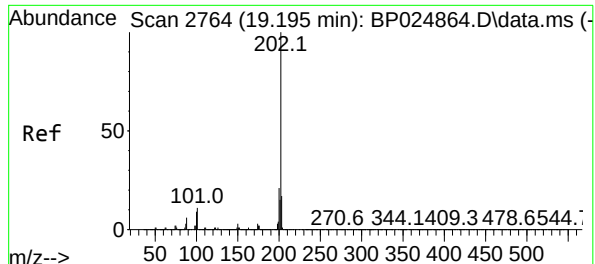
Tgt Ion:167 Resp: 3861413
Ion Ratio Lower Upper
167 100
166 21.2 17.3 25.9
139 13.8 10.8 16.2



#74
Di-n-butylphthalate
Concen: 59.401 ng
RT: 18.060 min Scan# 2571
Delta R.T. -0.018 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:149 Resp: 4672145
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 5.2 4.2 6.2

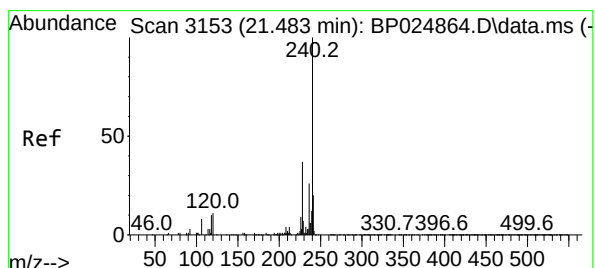
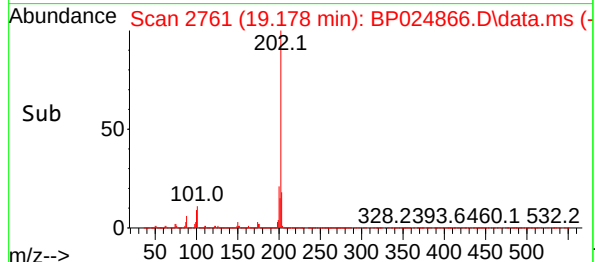
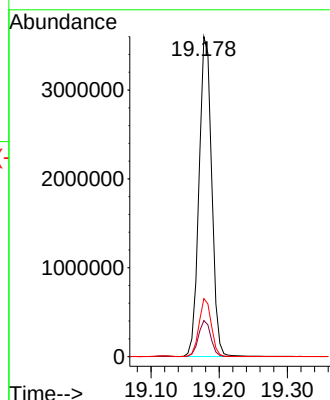
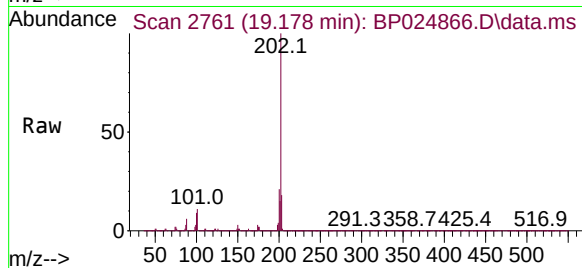




#75
Fluoranthene
Concen: 59.407 ng
RT: 19.178 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

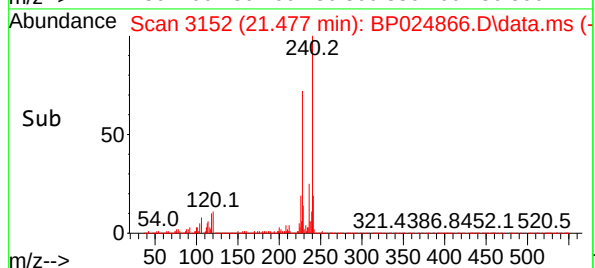
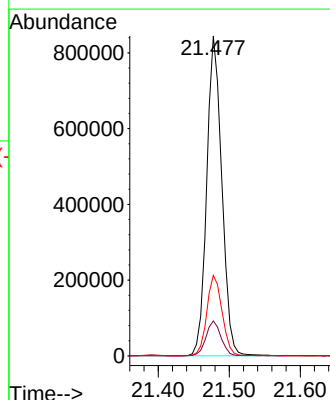
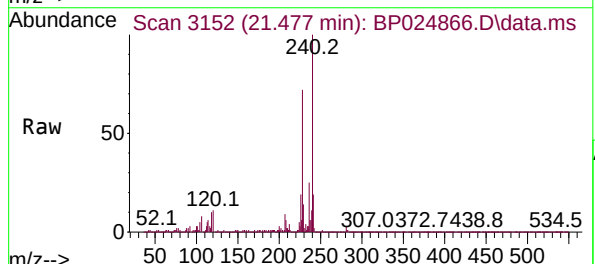
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

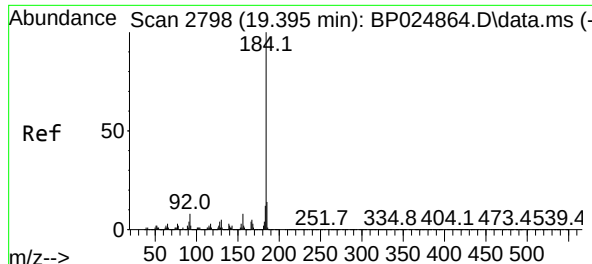
Tgt Ion:202 Resp: 4656349
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 18.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.477 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:240 Resp: 1245531
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.2 20.9 31.3

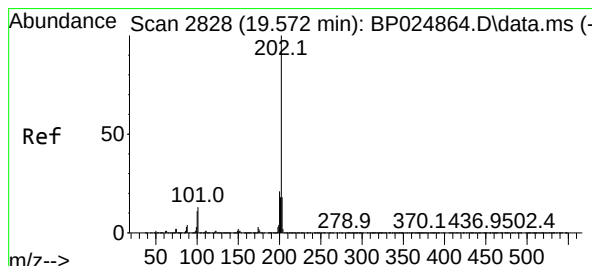
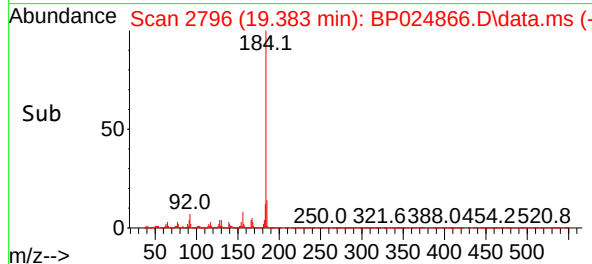
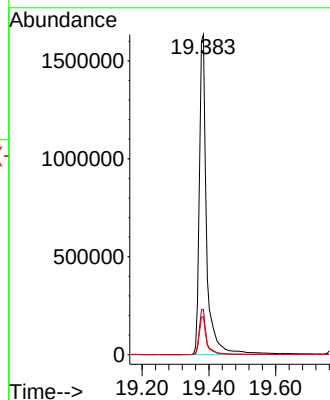
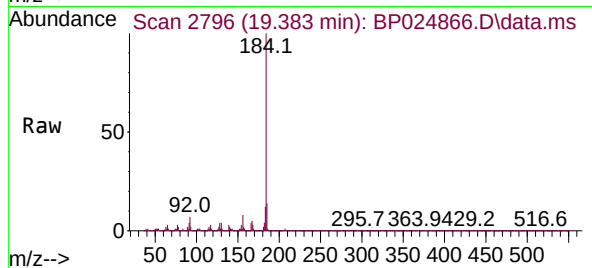




#77
Benzidine
Concen: 64.227 ng
RT: 19.383 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

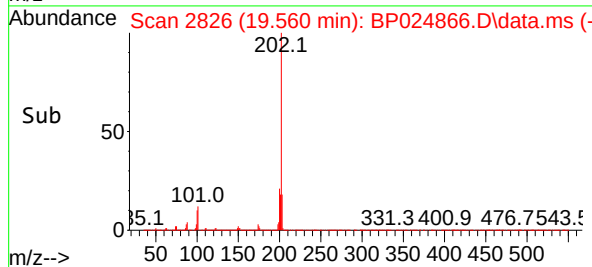
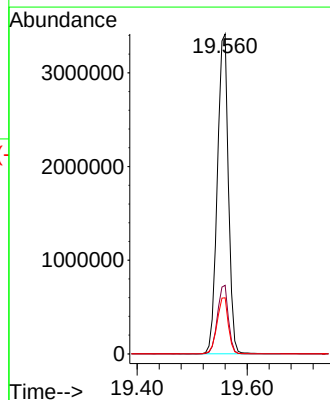
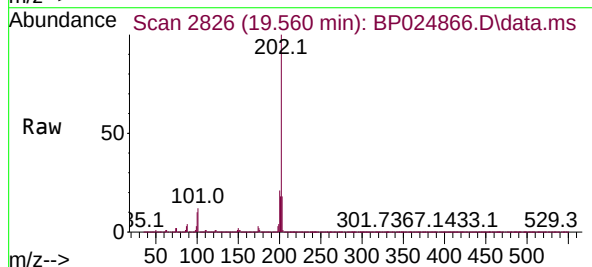
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

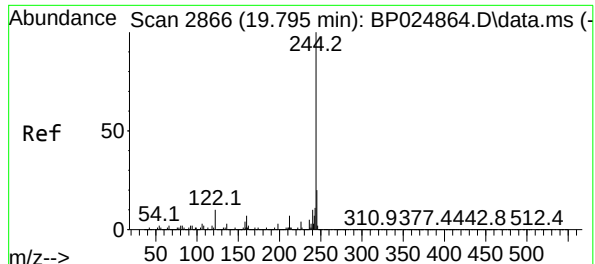
Tgt Ion:184 Resp: 2477600
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 11.9 9.5 14.3



#78
Pyrene
Concen: 61.064 ng
RT: 19.560 min Scan# 2826
Delta R.T. -0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:202 Resp: 4751590
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.5 14.0 21.0

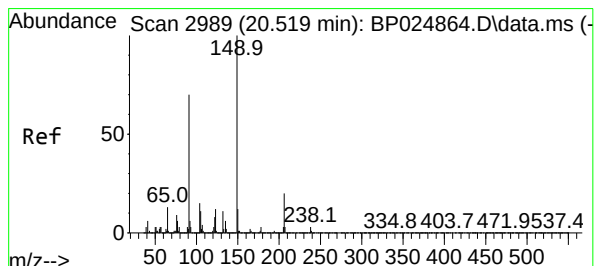
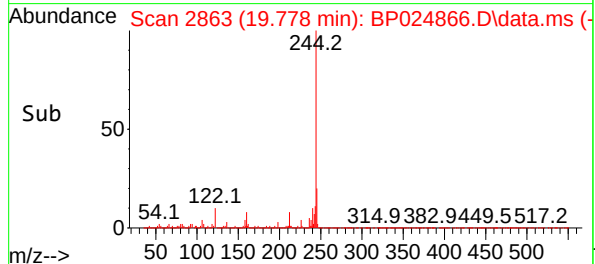
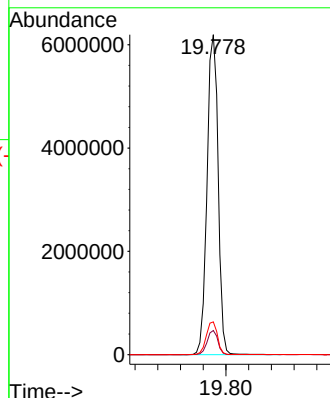
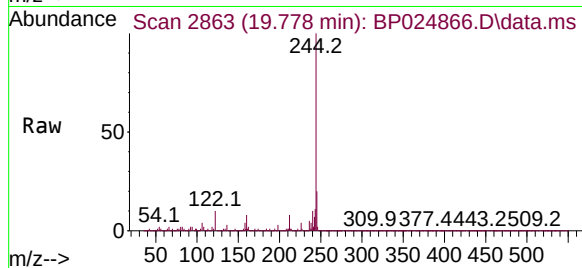




#79
Terphenyl-d14
Concen: 120.485 ng
RT: 19.778 min Scan# 2863
Delta R.T. -0.018 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

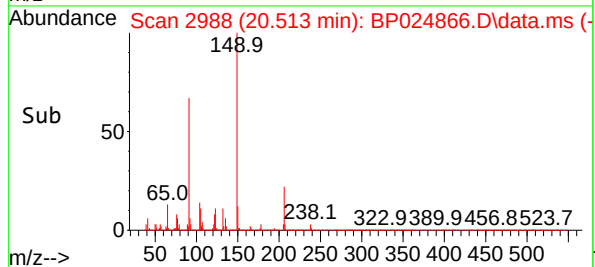
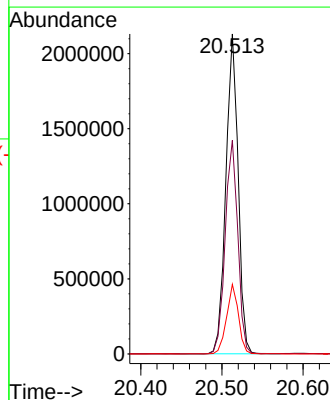
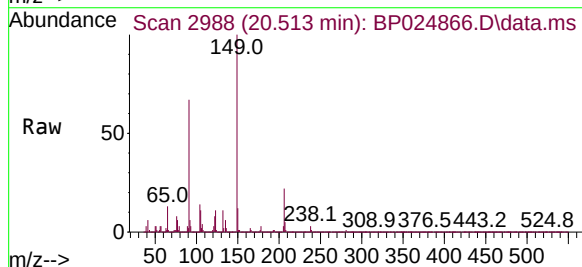
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

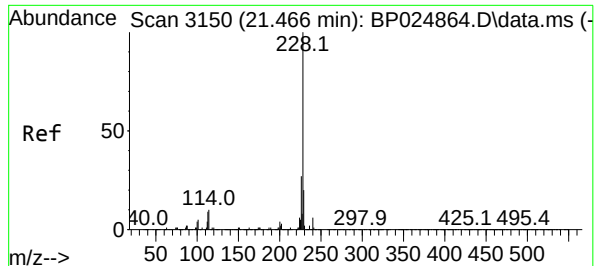
Tgt Ion:244 Resp: 8373144
Ion Ratio Lower Upper
244 100
212 7.5 5.6 8.4
122 10.2 7.7 11.5



#80
Butylbenzylphthalate
Concen: 62.449 ng
RT: 20.513 min Scan# 2988
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:149 Resp: 2225855
Ion Ratio Lower Upper
149 100
91 66.7 55.8 83.8
206 21.7 16.2 24.2

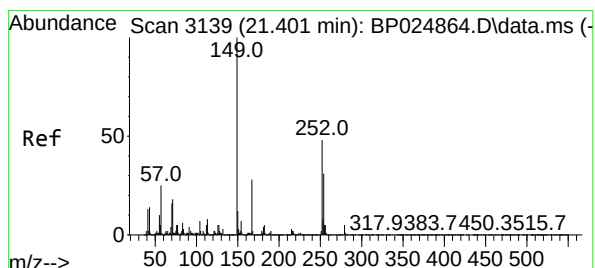
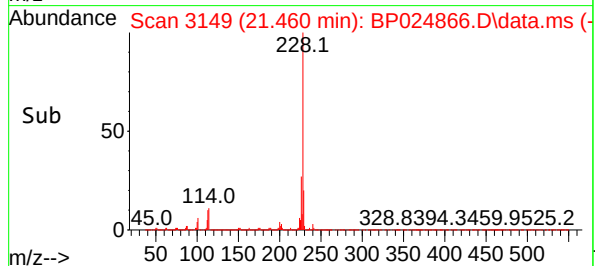
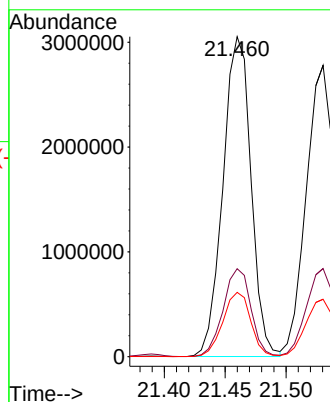
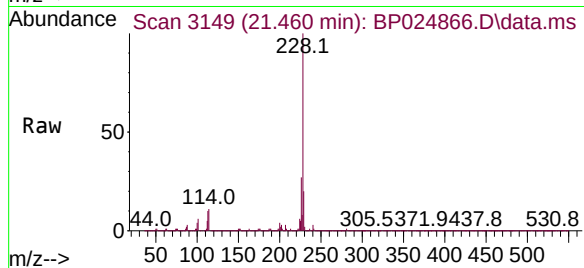




#81
Benzo(a)anthracene
Concen: 61.469 ng
RT: 21.460 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

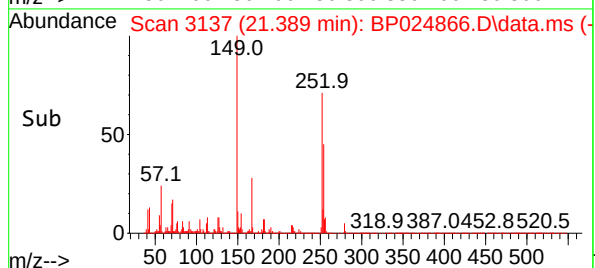
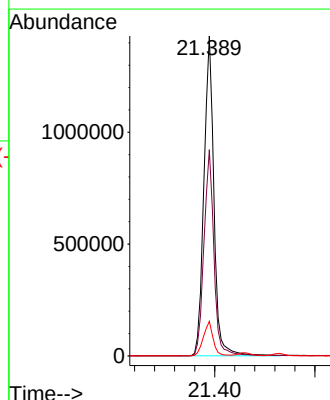
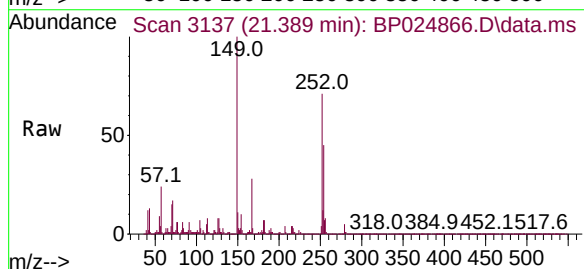
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

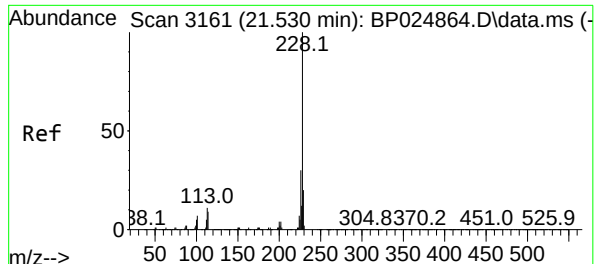
Tgt Ion:228 Resp: 4896757
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 20.1 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 62.681 ng
RT: 21.389 min Scan# 3137
Delta R.T. -0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:252 Resp: 1982344
Ion Ratio Lower Upper
252 100
254 64.4 51.2 76.8
126 10.8 8.6 12.8





#83

Chrysene

Concen: 61.276 ng

RT: 21.530 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

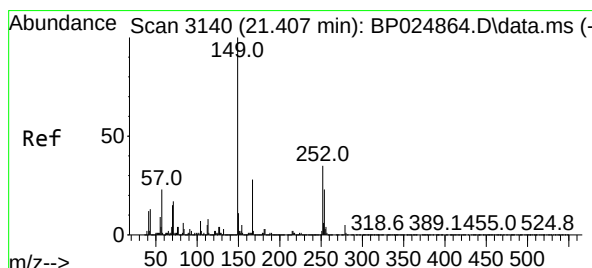
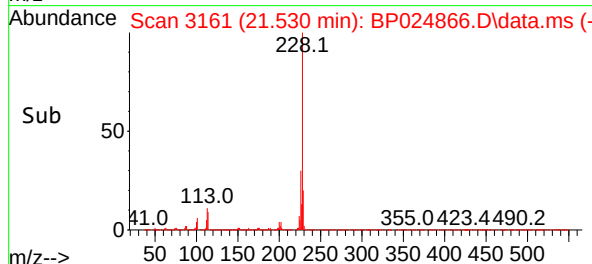
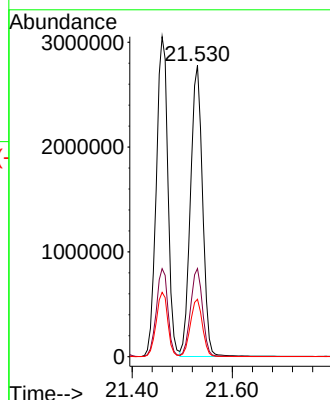
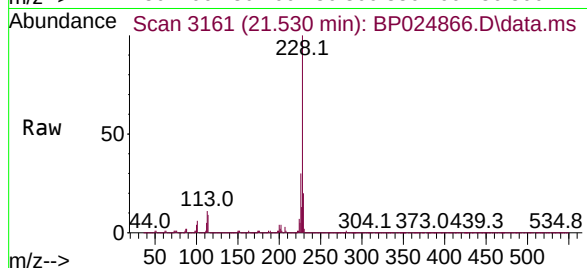
Tgt Ion:228 Resp: 4625245

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.769 ng

RT: 21.395 min Scan# 3138

Delta R.T. -0.012 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

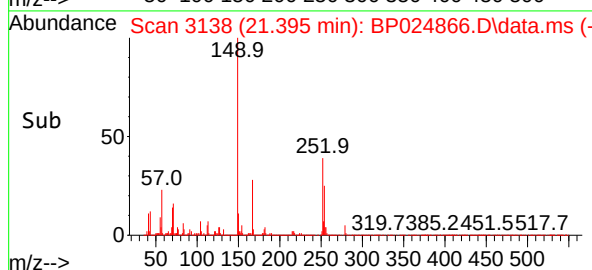
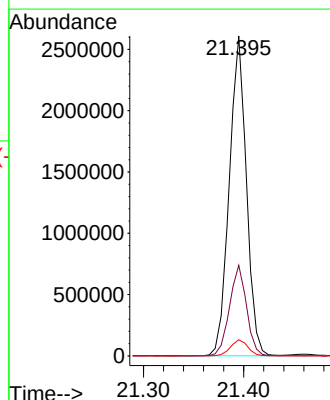
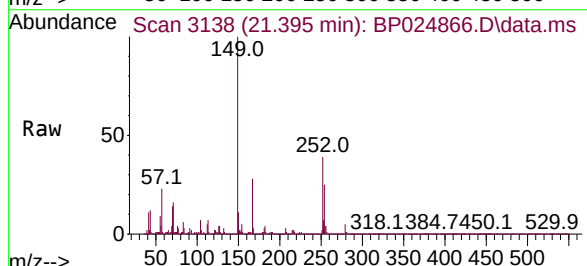
Tgt Ion:149 Resp: 3103331

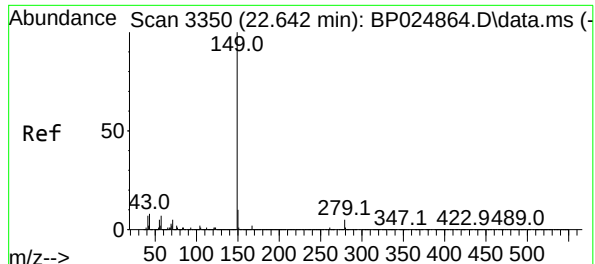
Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.4

279 5.0 4.0 6.0

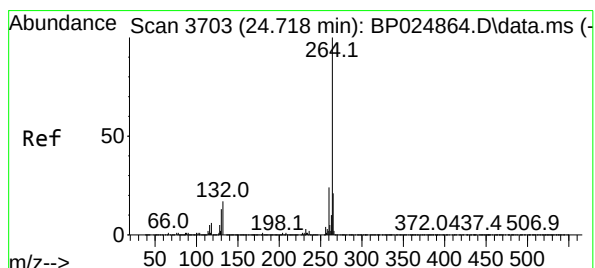
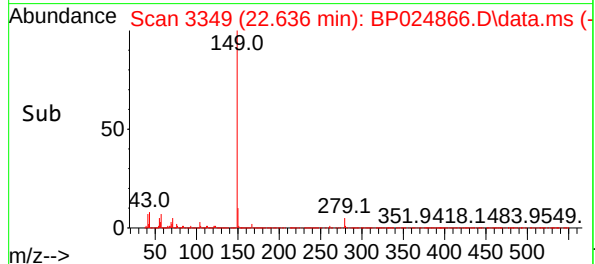
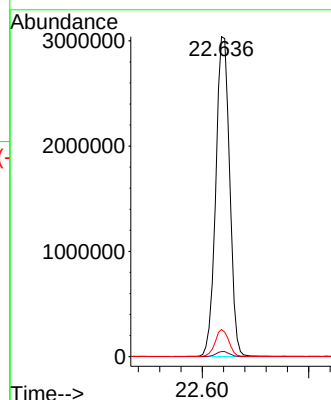
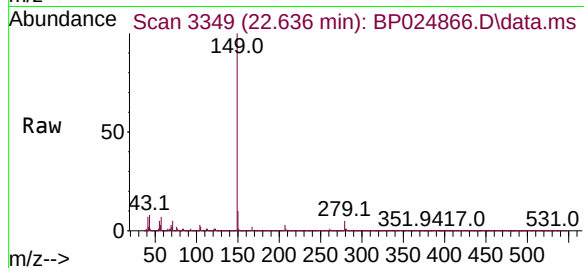




#85
Di-n-octyl phthalate
Concen: 61.004 ng
RT: 22.636 min Scan# 3350
Delta R.T. -0.006 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

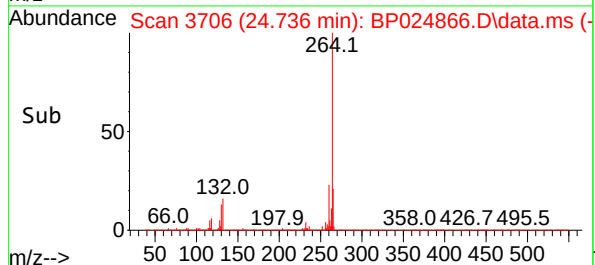
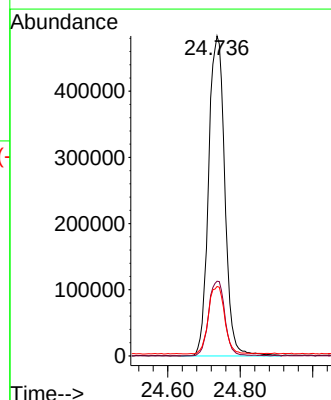
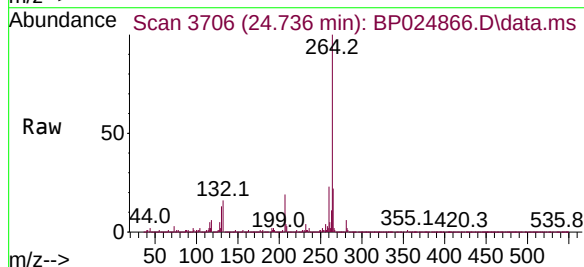
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

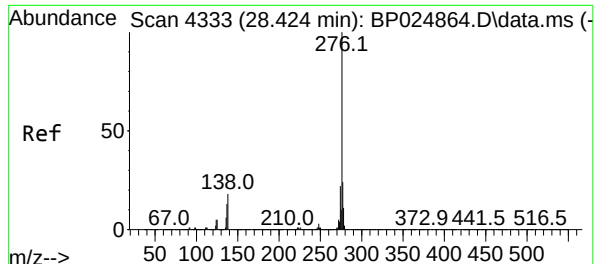
Tgt Ion:149 Resp: 5491065
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.3 6.6 10.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.736 min Scan# 3706
Delta R.T. 0.018 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:264 Resp: 1494809
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.4
265 21.7 17.4 26.0

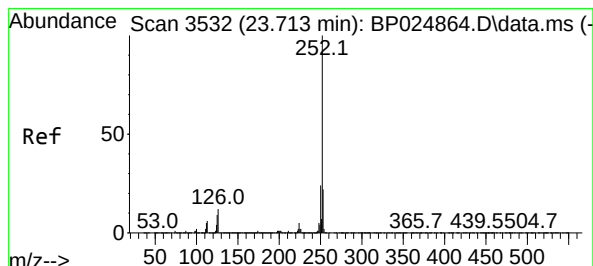
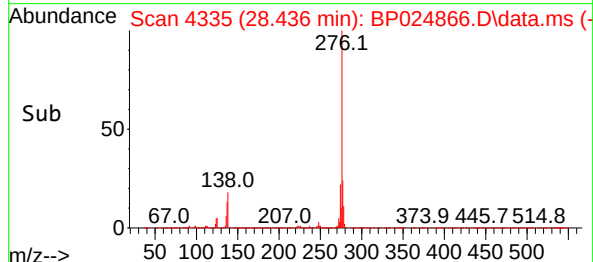
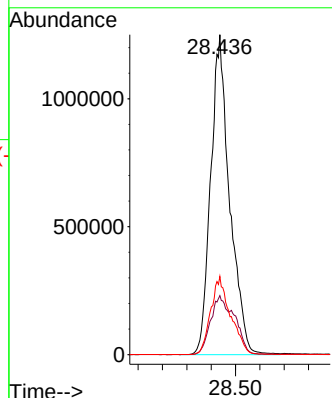
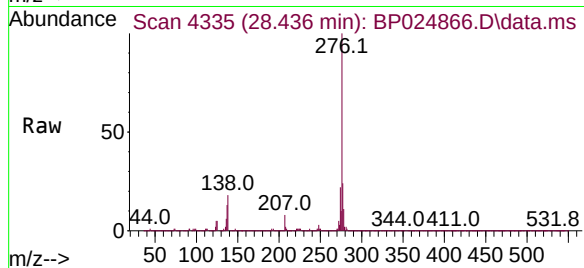




#87
Indeno(1,2,3-cd)pyrene
Concen: 62.088 ng
RT: 28.436 min Scan# 4333
Delta R.T. 0.012 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

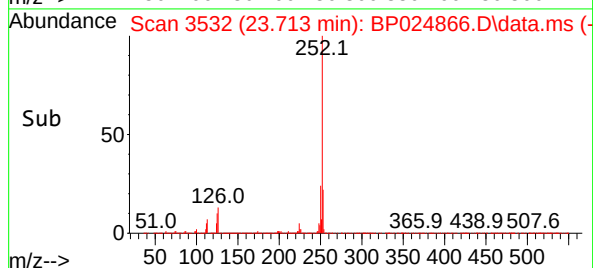
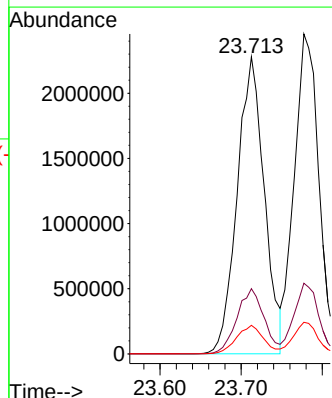
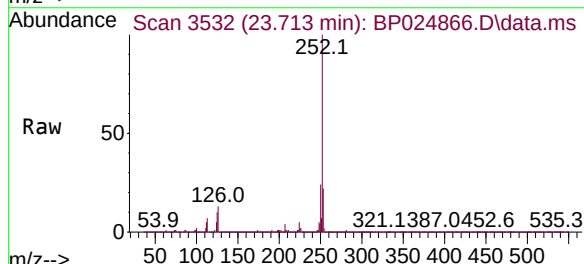
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

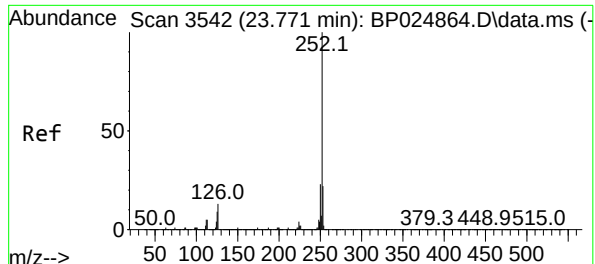
Tgt Ion:276 Resp: 6771619
Ion Ratio Lower Upper
276 100
138 23.2 18.6 27.8
277 25.5 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 61.842 ng
RT: 23.713 min Scan# 3532
Delta R.T. 0.000 min
Lab File: BP024866.D
Acq: 06 Jun 2025 14:37

Tgt Ion:252 Resp: 5290333
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.6 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 59.612 ng

RT: 23.777 min Scan# 3543

Delta R.T. 0.006 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

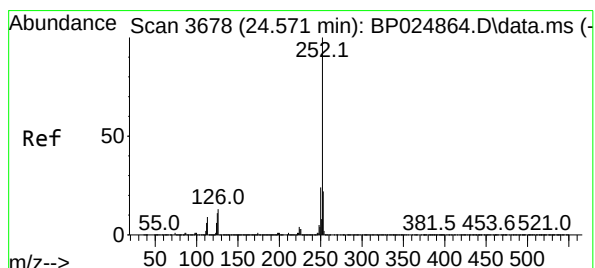
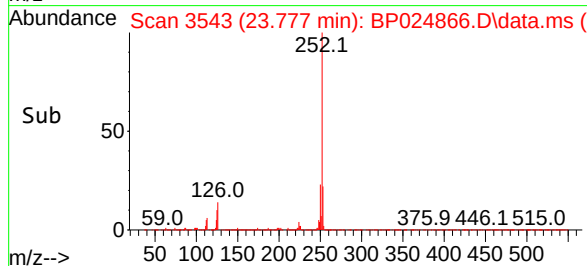
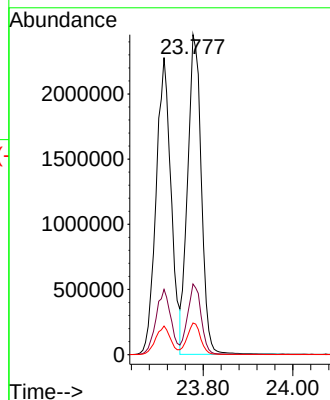
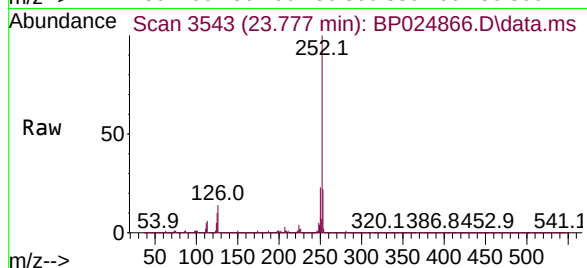
Tgt Ion:252 Resp: 5191049

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.9 7.4 11.0



#90

Benzo(a)pyrene

Concen: 60.965 ng

RT: 24.595 min Scan# 3682

Delta R.T. 0.024 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

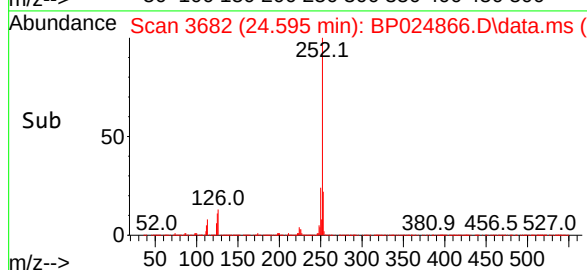
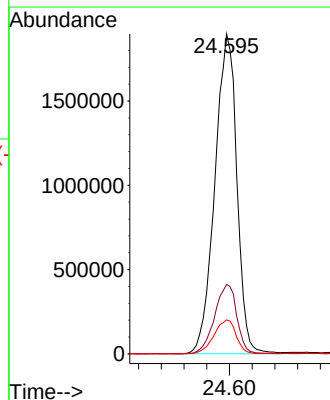
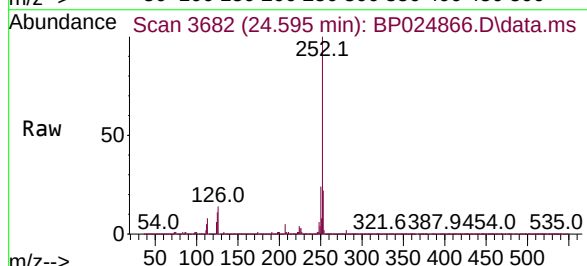
Tgt Ion:252 Resp: 5093340

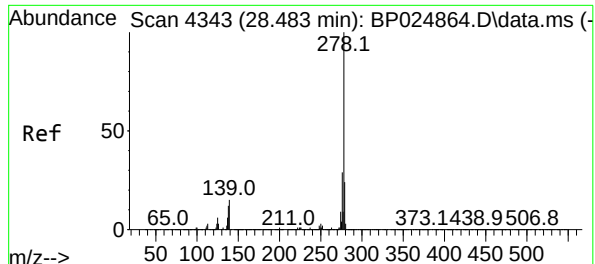
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 10.6 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 61.830 ng

RT: 28.495 min Scan# 4343

Delta R.T. 0.012 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

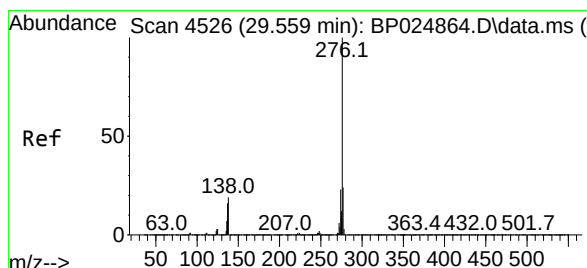
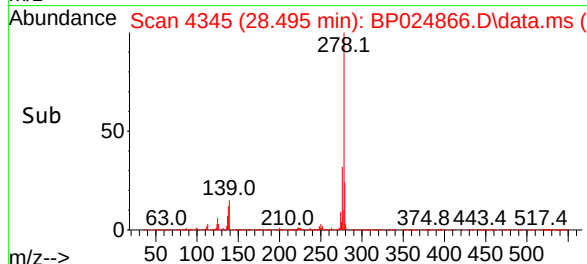
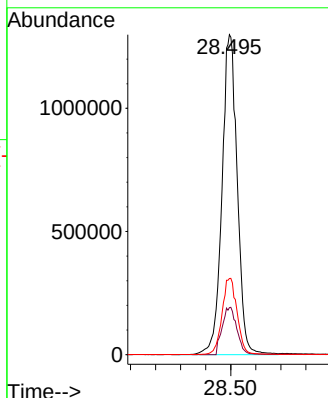
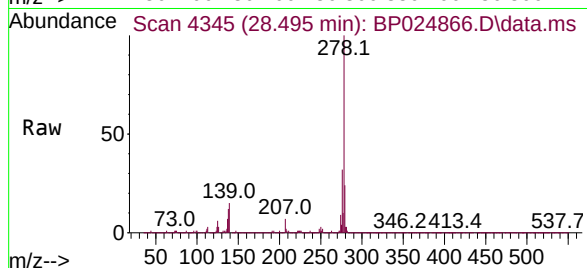
Tgt Ion:278 Resp: 5489005

Ion Ratio Lower Upper

278 100

139 14.7 12.0 18.0

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 61.794 ng

RT: 29.571 min Scan# 4528

Delta R.T. 0.012 min

Lab File: BP024866.D

Acq: 06 Jun 2025 14:37

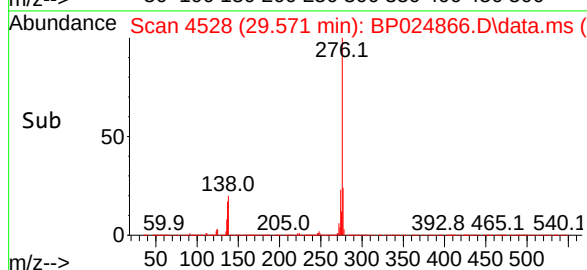
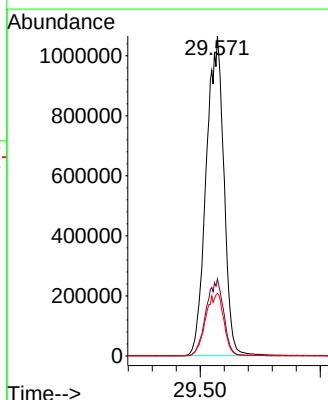
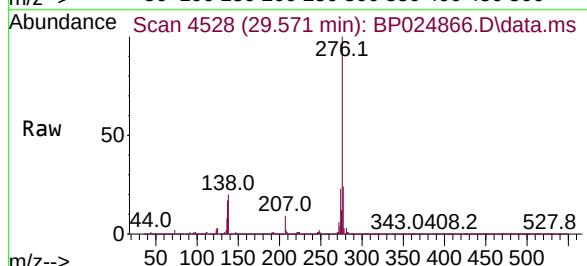
Tgt Ion:276 Resp: 5442983

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 19.6 15.4 23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024867.D
 Acq On : 06 Jun 2025 15:18
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Quant Time: Jun 06 16:05:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 15:53:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	251656	20.000	ng	0.00
21) Naphthalene-d8	10.384	136	1097725	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	655445	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1282325	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1346775	20.000	ng	0.00
86) Perylene-d12	24.742	264	1568664	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2447087	162.312	ng	0.00
7) Phenol-d6	6.819	99	3149578	157.892	ng	0.00
23) Nitrobenzene-d5	8.766	82	3363733	148.903	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1494447	164.916	ng	0.00
45) 2-Fluorobiphenyl	12.866	172	7387084	151.825	ng	0.00
79) Terphenyl-d14	19.789	244	11194678	148.975	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.173	88	520741	78.498	ng	100
3) Pyridine	3.567	79	1323253	82.944	ng	99
4) n-Nitrosodimethylamine	3.484	42	528461	81.024	ng	100
6) Aniline	6.961	93	2044864	80.328	ng	100
8) 2-Chlorophenol	7.196	128	1357118	79.405	ng	99
9) Benzaldehyde	6.772	77	650456	56.412	ng	99
10) Phenol	6.843	94	1640201	79.761	ng	99
11) bis(2-Chloroethyl)ether	7.049	93	1254500	77.563	ng	99
12) 1,3-Dichlorobenzene	7.502	146	1480514	77.650	ng	99
13) 1,4-Dichlorobenzene	7.649	146	1497910	77.862	ng	98
14) 1,2-Dichlorobenzene	7.961	146	1431405	75.771	ng	98
15) Benzyl Alcohol	7.866	79	1218925	79.620	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.143	45	1584064	74.829	ng	98
17) 2-Methylphenol	8.072	107	1128854	78.611	ng	99
18) Hexachloroethane	8.672	117	566168	78.169	ng	97
19) n-Nitroso-di-n-propyla...	8.419	70	1035677	76.374	ng	99
20) 3+4-Methylphenols	8.402	107	1524653	77.821	ng	99
22) Acetophenone	8.431	105	2033065	73.305	ng	# 99
24) Nitrobenzene	8.808	77	1489831	74.236	ng	99
25) Isophorone	9.331	82	3090456	78.936	ng	98
26) 2-Nitrophenol	9.508	139	870704	87.932	ng	98
27) 2,4-Dimethylphenol	9.584	122	1396457	82.403	ng	98
28) bis(2-Chloroethoxy)met...	9.808	93	1828377	78.289	ng	98
29) 2,4-Dichlorophenol	10.055	162	1419757	87.313	ng	98
30) 1,2,4-Trichlorobenzene	10.243	180	1542041	84.080	ng	99
31) Naphthalene	10.431	128	4104122	72.957	ng	100
32) Benzoic acid	9.802	122	1065621	94.314	ng	97
33) 4-Chloroaniline	10.555	127	1816811	77.087	ng	100
34) Hexachlorobutadiene	10.713	225	830962	75.174	ng	99
35) Caprolactam	11.366	113	457044	76.358	ng	97
36) 4-Chloro-3-methylphenol	11.702	107	1442747	76.925	ng	99
37) 2-Methylnaphthalene	12.049	142	2642800	74.062	ng	99
38) 1-Methylnaphthalene	12.272	142	2821350	73.955	ng	99
40) 1,2,4,5-Tetrachloroben...	12.425	216	1472269	79.160	ng	100
41) Hexachlorocyclopentadiene	12.396	237	1031961	90.970	ng	99
43) 2,4,6-Trichlorophenol	12.678	196	1039009	83.186	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024867.D
 Acq On : 06 Jun 2025 15:18
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Quant Time: Jun 06 16:05:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 15:53:04 2025
 Response via : Initial Calibration

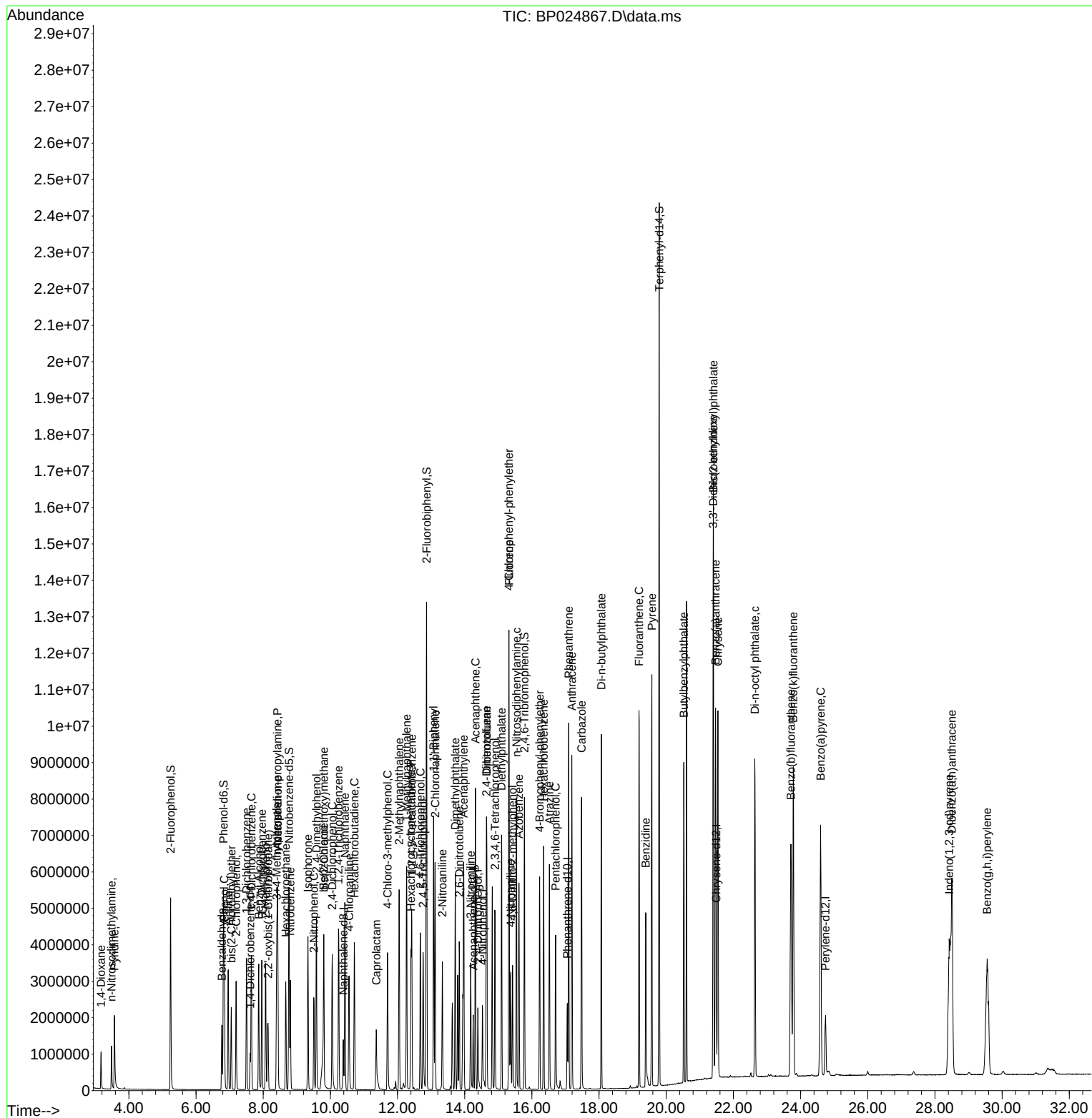
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	1117015	83.507	ng	99
46) 1,1'-Biphenyl	13.072	154	3678354	77.223	ng	99
47) 2-Chloronaphthalene	13.119	162	2834595	77.428	ng	99
48) 2-Nitroaniline	13.337	65	930628	82.685	ng	96
49) Acenaphthylene	13.966	152	4731215	77.508	ng	100
50) Dimethylphthalate	13.719	163	3769405	77.959	ng	100
51) 2,6-Dinitrotoluene	13.837	165	829970	79.625	ng	95
52) Acenaphthene	14.319	154	2715693	77.638	ng	100
53) 3-Nitroaniline	14.178	138	914372	84.530	ng	98
54) 2,4-Dinitrophenol	14.390	184	537870	79.298	ng	99
55) Dibenzofuran	14.654	168	4234879	75.424	ng	99
56) 4-Nitrophenol	14.531	139	720226	78.739	ng	98
57) 2,4-Dinitrotoluene	14.643	165	1200593	82.341	ng	98
58) Fluorene	15.319	166	3484502	76.824	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.901	232	970694	81.077	ng	100
60) Diethylphthalate	15.095	149	3799279	78.844	ng	98
61) 4-Chlorophenyl-phenylether	15.313	204	1725059	77.784	ng	97
62) 4-Nitroaniline	15.372	138	875375	89.199	ng	96
63) Azobenzene	15.613	77	3426736	77.538	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	728771	86.490	ng	96
66) n-Nitrosodiphenylamine	15.543	169	3044661	76.603	ng	98
67) 4-Bromophenyl-phenylether	16.231	248	1157878	80.026	ng	99
68) Hexachlorobenzene	16.348	284	1395074	79.535	ng	99
69) Atrazine	16.525	200	1168753	81.114	ng	98
70) Pentachlorophenol	16.707	266	817045	90.003	ng	99
71) Phenanthrene	17.095	178	5340604	75.365	ng	99
72) Anthracene	17.189	178	5555906	77.415	ng	99
73) Carbazole	17.478	167	5166153	77.661	ng	99
74) Di-n-butylphthalate	18.066	149	6583572	79.879	ng	99
75) Fluoranthene	19.189	202	6351620	77.333	ng	100
77) Benzidine	19.389	184	2849177	68.307	ng	100
78) Pyrene	19.572	202	6497989	77.229	ng	99
80) Butylbenzylphthalate	20.525	149	3175233	82.388	ng	98
81) Benzo(a)anthracene	21.466	228	6696396	77.741	ng	99
82) 3,3'-Dichlorobenzidine	21.395	252	2698352	78.907	ng	99
83) Chrysene	21.536	228	6294743	77.125	ng	99
84) Bis(2-ethylhexyl)phtha...	21.407	149	4578538	82.917	ng	98
85) Di-n-octyl phthalate	22.636	149	7936082	81.539	ng	100
87) Indeno(1,2,3-cd)pyrene	28.424	276	9013339	78.751	ng	# 93
88) Benzo(b)fluoranthene	23.713	252	7112180	79.224	ng	99
89) Benzo(k)fluoranthene	23.783	252	7179421	78.564	ng	100
90) Benzo(a)pyrene	24.595	252	6983429	79.653	ng	99
91) Dibenzo(a,h)anthracene	28.501	278	7356566	78.965	ng	100
92) Benzo(g,h,i)perylene	29.554	276	7260298	78.545	ng	98

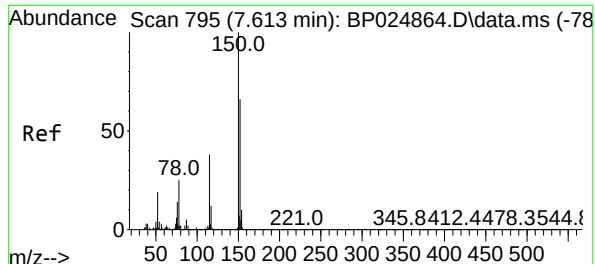
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 Acq On : 06 Jun 2025 15:18
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Quant Time: Jun 06 16:05:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 15:53:04 2025
 Response via : Initial Calibration

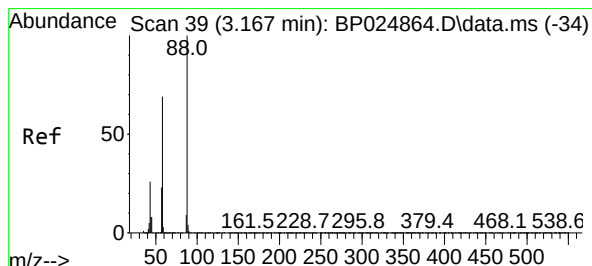
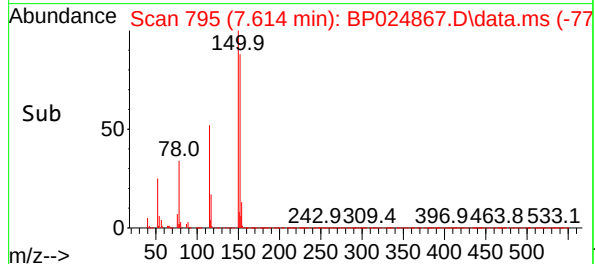
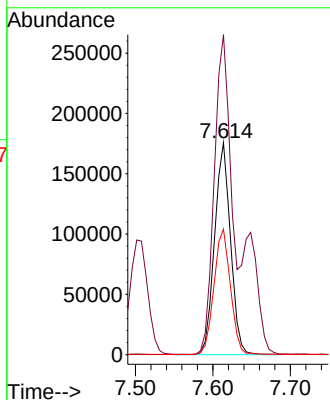
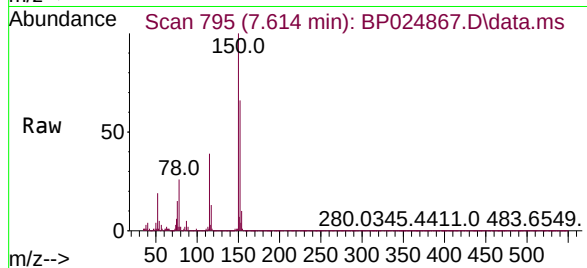




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.614 min Scan# 795
Delta R.T. 0.001 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

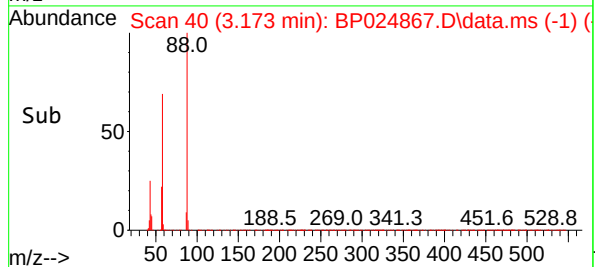
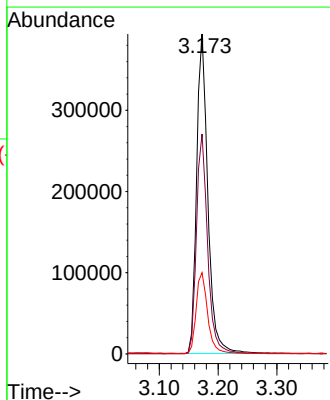
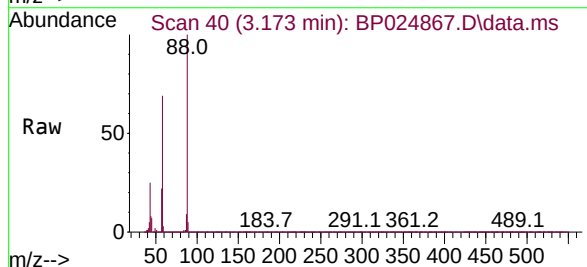
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ClientSampleId :
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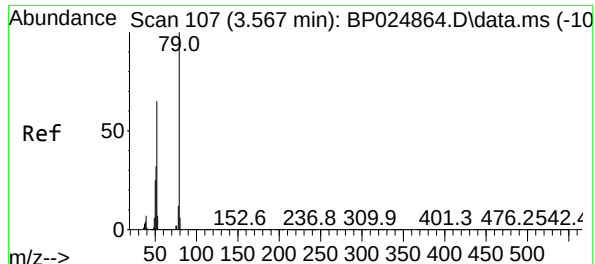
Tgt Ion:152 Resp: 251656
Ion Ratio Lower Upper
152 100
150 151.0 122.1 183.1
115 59.2 46.4 69.6



#2
1,4-Dioxane
Concen: 78.498 ng
RT: 3.173 min Scan# 40
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion: 88 Resp: 520741
Ion Ratio Lower Upper
88 100
58 69.2 55.4 83.0
43 26.0 20.8 31.2

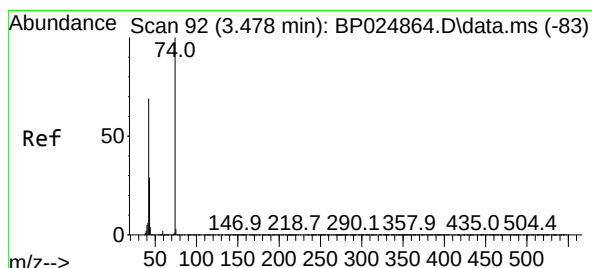
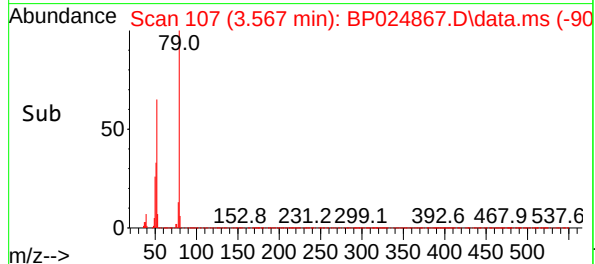
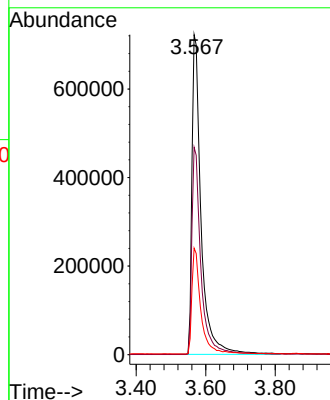
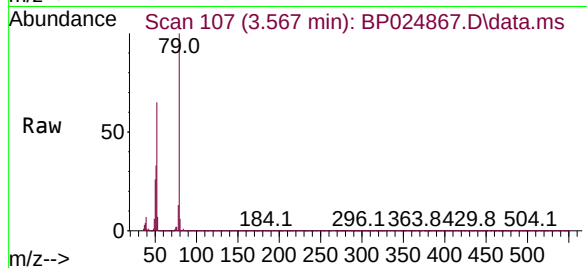




#3
Pyridine
Concen: 82.944 ng
RT: 3.567 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

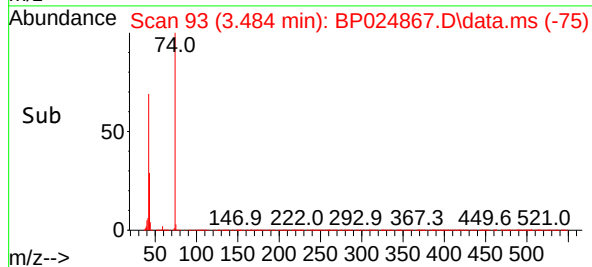
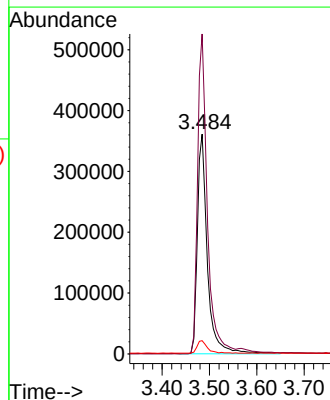
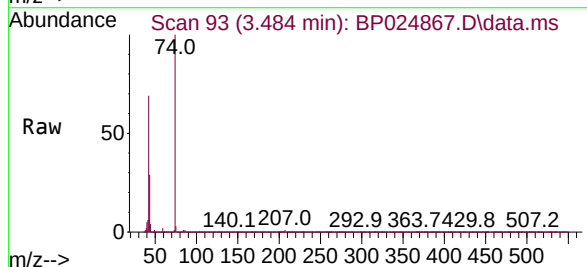
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ClientSampleId :
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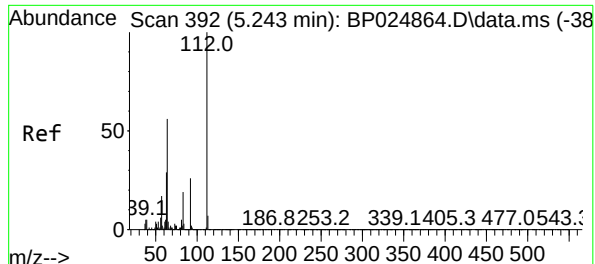
Tgt Ion: 79 Resp: 1323253
Ion Ratio Lower Upper
79 100
52 64.8 51.6 77.4
51 33.3 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 81.024 ng
RT: 3.484 min Scan# 93
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion: 42 Resp: 528461
Ion Ratio Lower Upper
42 100
74 145.7 116.6 174.8
44 6.0 5.4 8.0

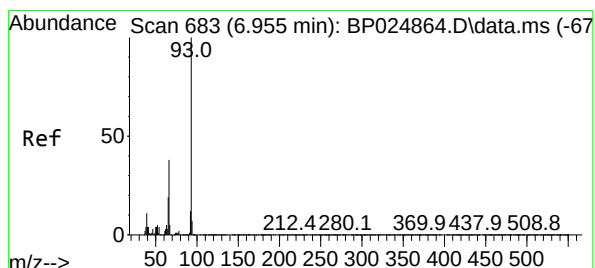
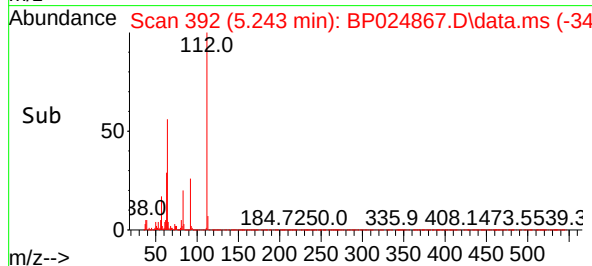
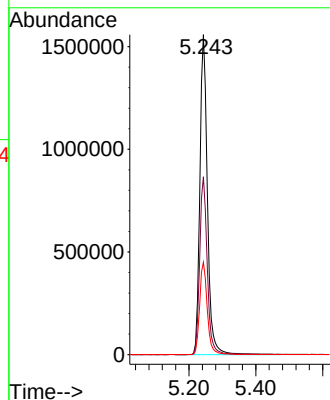
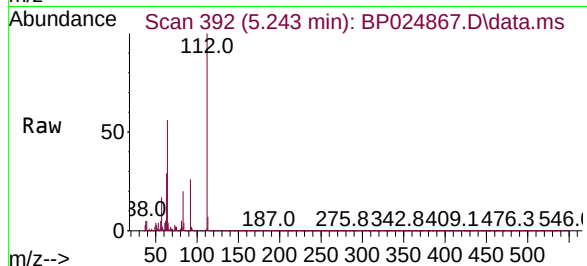




#5
2-Fluorophenol
Concen: 162.312 ng
RT: 5.243 min Scan# 392
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

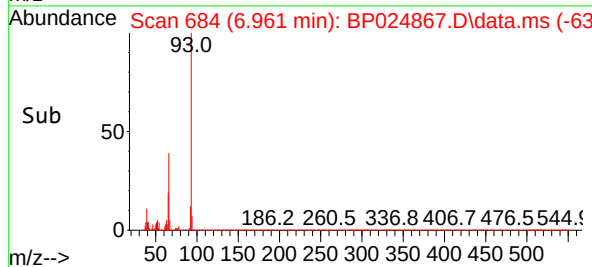
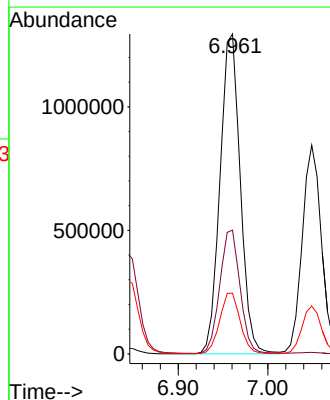
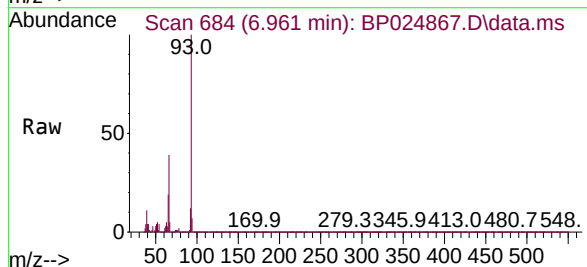
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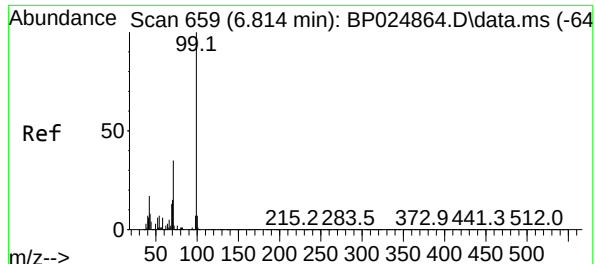
Tgt Ion:112 Resp: 2447087
Ion Ratio Lower Upper
112 100
64 55.6 44.7 67.1
63 28.9 23.5 35.3



#6
Aniline
Concen: 80.328 ng
RT: 6.961 min Scan# 684
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion: 93 Resp: 2044864
Ion Ratio Lower Upper
93 100
66 38.7 30.9 46.3
65 19.0 15.5 23.3

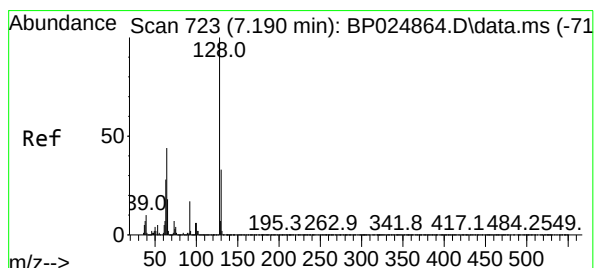
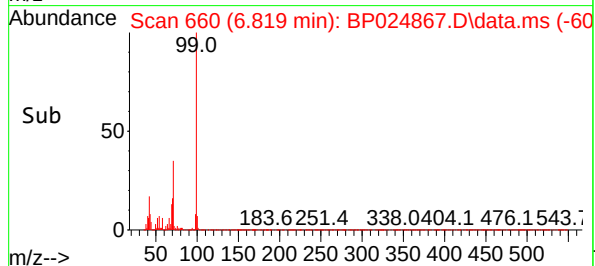
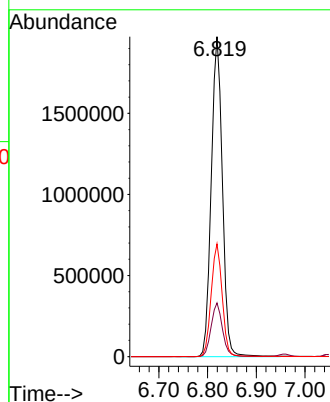
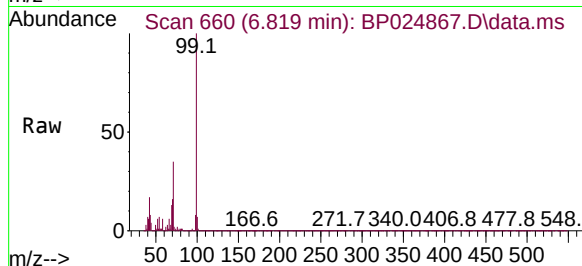




#7
Phenol-d6
Concen: 157.892 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

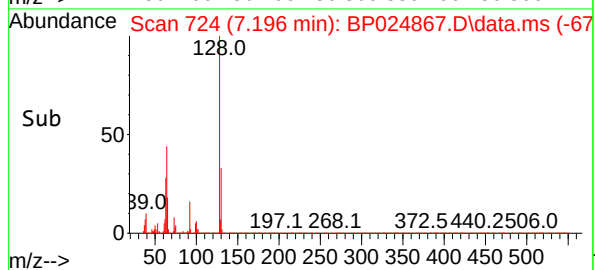
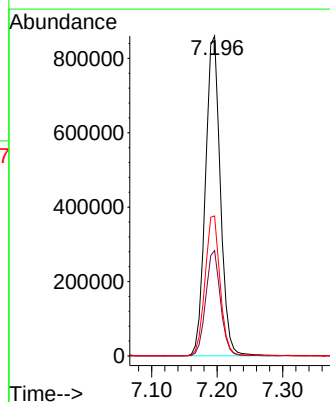
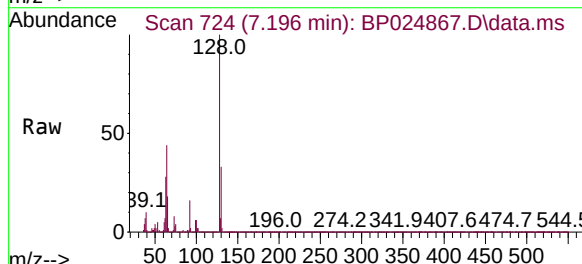
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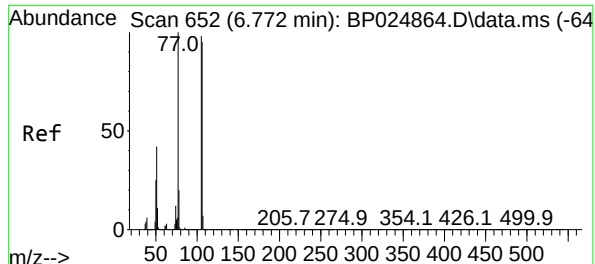
Tgt Ion: 99 Resp: 3149578
Ion Ratio Lower Upper
99 100
42 16.8 13.4 20.2
71 35.2 27.6 41.4



#8
2-Chlorophenol
Concen: 79.405 ng
RT: 7.196 min Scan# 724
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion: 128 Resp: 1357118
Ion Ratio Lower Upper
128 100
130 32.9 12.6 52.6
64 43.7 24.1 64.1

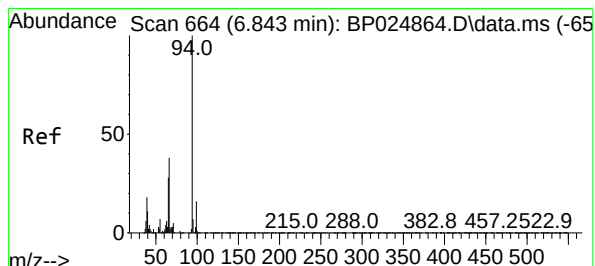
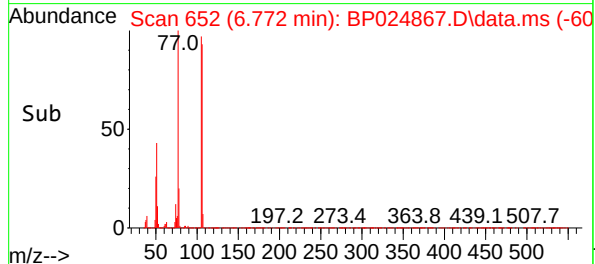
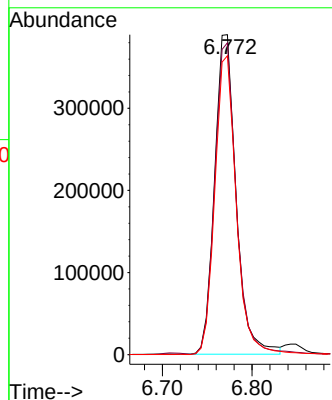
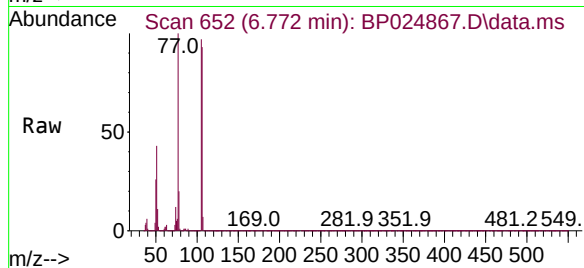




#9
Benzaldehyde
Concen: 56.412 ng
RT: 6.772 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

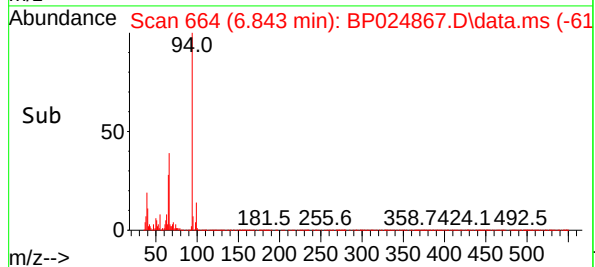
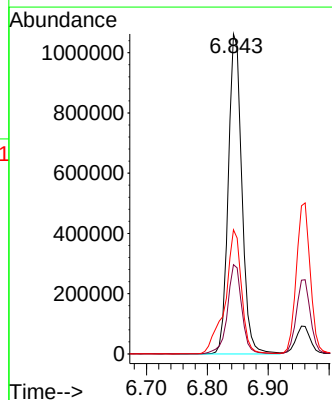
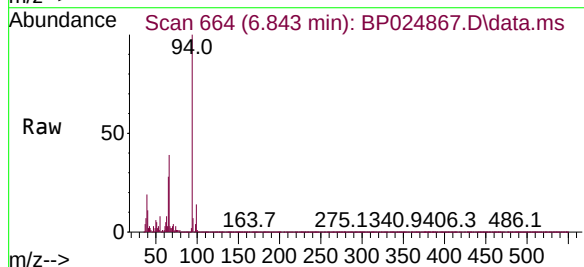
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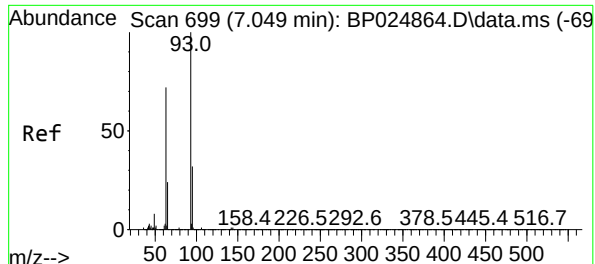
Tgt Ion: 77 Resp: 650456
Ion Ratio Lower Upper
77 100
105 97.4 77.7 117.7
106 93.4 74.8 114.8



#10
Phenol
Concen: 79.761 ng
RT: 6.843 min Scan# 664
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion: 94 Resp: 1640201
Ion Ratio Lower Upper
94 100
65 27.9 8.3 48.3
66 38.8 18.2 58.2

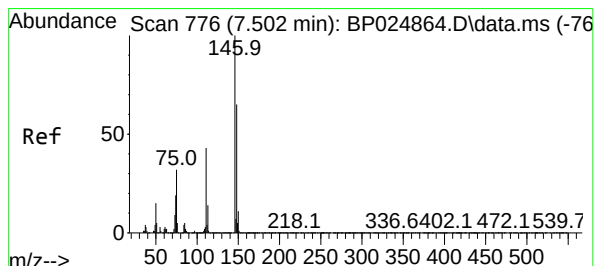
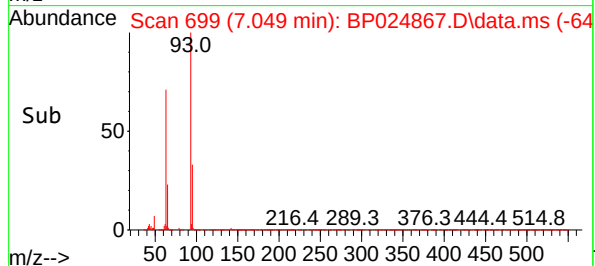
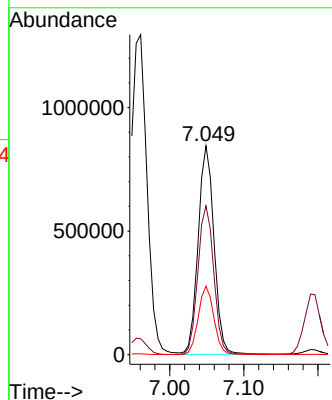
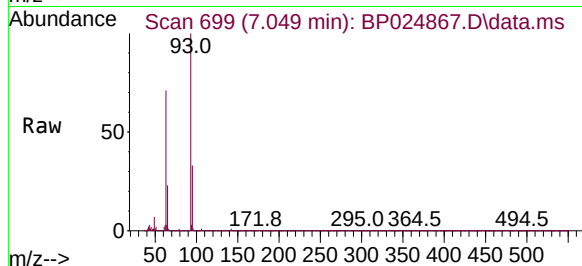




#11
bis(2-Chloroethyl)ether
Concen: 77.563 ng
RT: 7.049 min Scan# 699
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

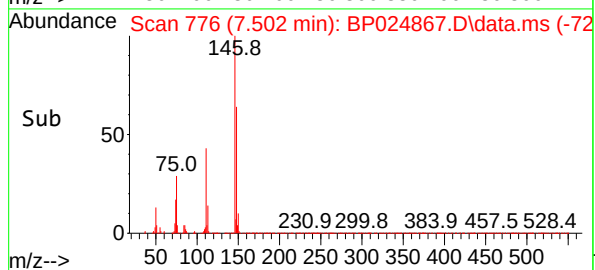
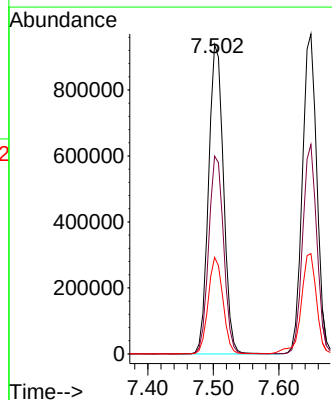
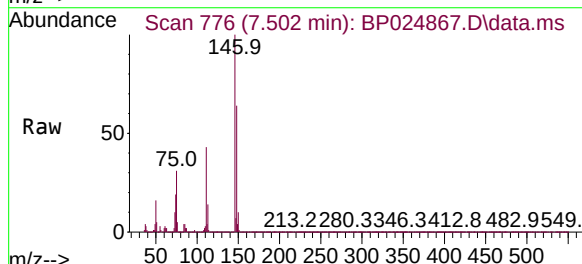
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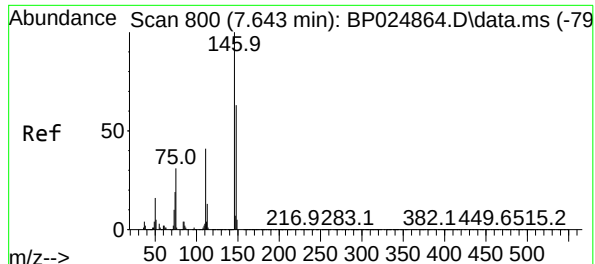
Tgt Ion: 93 Resp: 1254500
Ion Ratio Lower Upper
93 100
63 71.2 51.6 91.6
95 32.8 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 77.650 ng
RT: 7.502 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion: 146 Resp: 1480514
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
75 31.2 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 77.862 ng

RT: 7.649 min Scan# 80

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

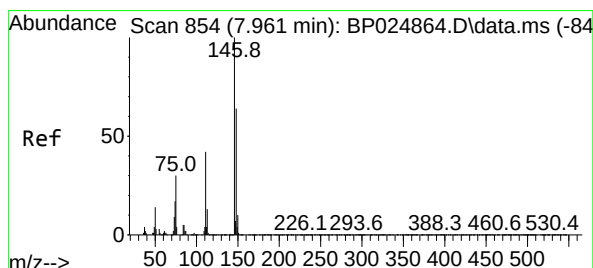
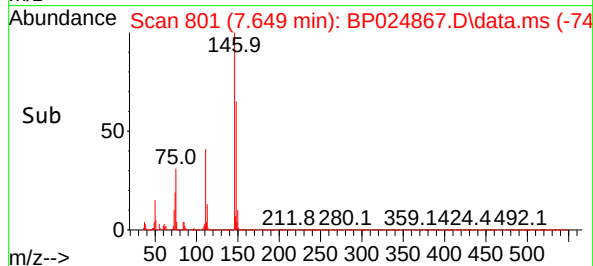
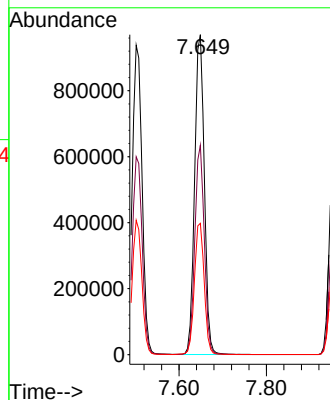
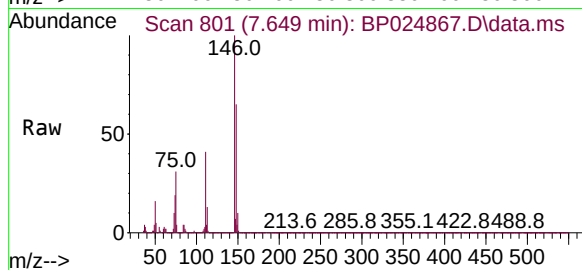
Tgt Ion:146 Resp: 1497910

Ion Ratio Lower Upper

146 100

148 65.4 50.8 76.2

111 41.0 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 75.771 ng

RT: 7.961 min Scan# 854

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

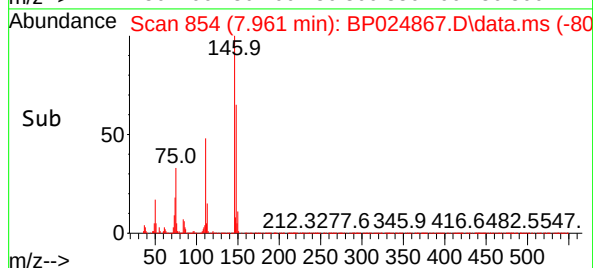
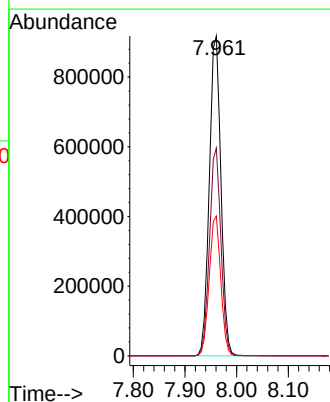
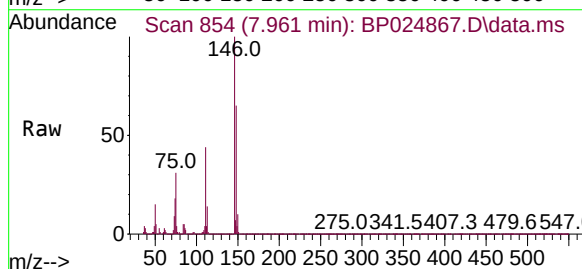
Tgt Ion:146 Resp: 1431405

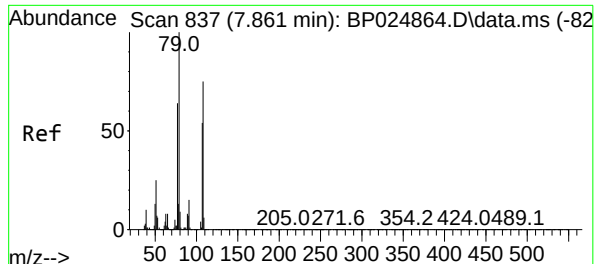
Ion Ratio Lower Upper

146 100

148 64.9 51.0 76.4

111 43.7 33.8 50.8





#15

Benzyl Alcohol

Concen: 79.620 ng

RT: 7.866 min Scan# 831

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

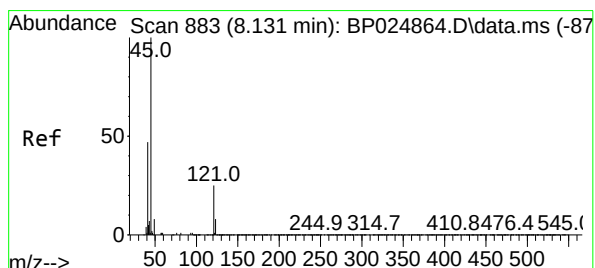
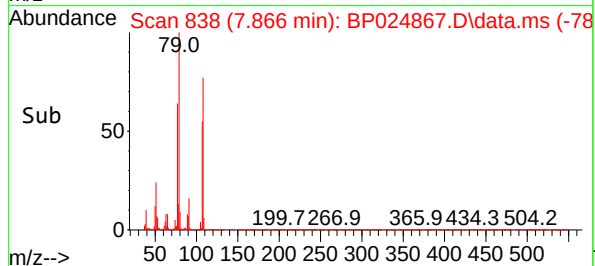
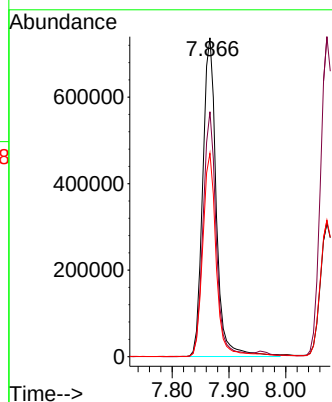
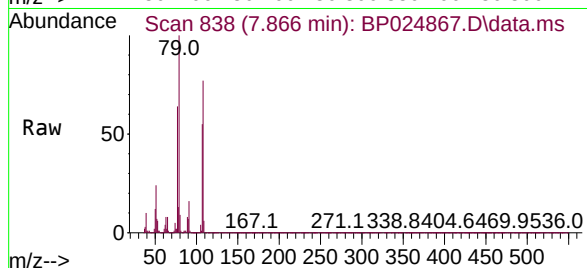
Tgt Ion: 79 Resp: 1218925

Ion Ratio Lower Upper

79 100

108 76.8 60.2 90.4

77 63.8 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 74.829 ng

RT: 8.143 min Scan# 885

Delta R.T. 0.012 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

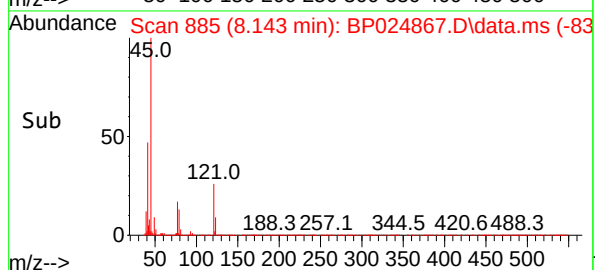
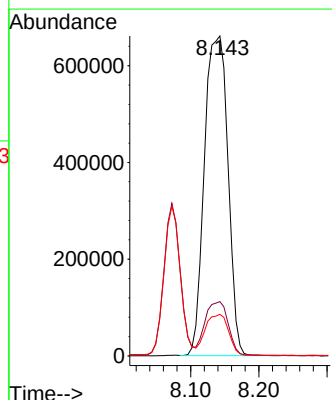
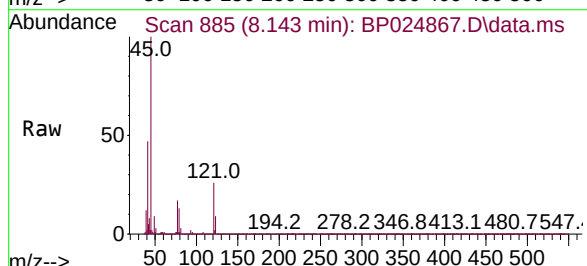
Tgt Ion: 45 Resp: 1584064

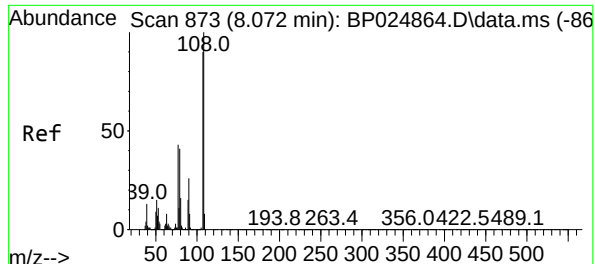
Ion Ratio Lower Upper

45 100

77 17.0 0.0 36.3

79 13.0 0.0 32.2





#17

2-Methylphenol

Concen: 78.611 ng

RT: 8.072 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 1128854

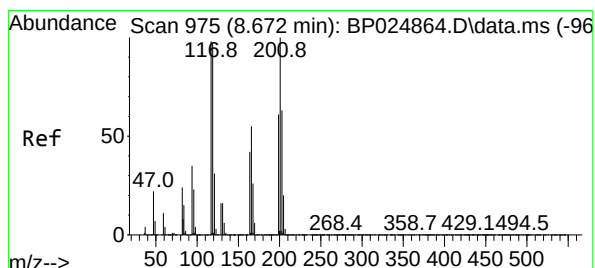
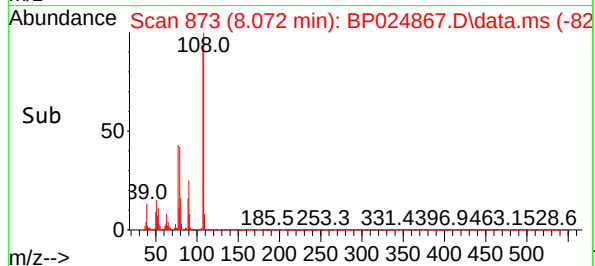
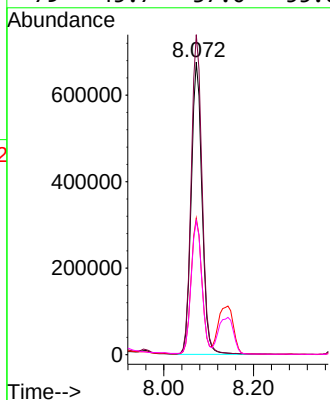
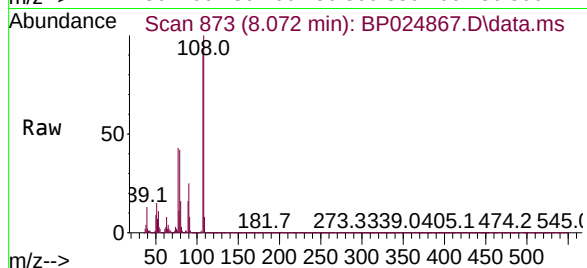
Ion	Ratio	Lower	Upper

107	100		

108	109.4	88.6	132.8

77	46.6	38.5	57.7

79	45.7	37.0	55.6



#18

Hexachloroethane

Concen: 78.169 ng

RT: 8.672 min Scan# 975

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

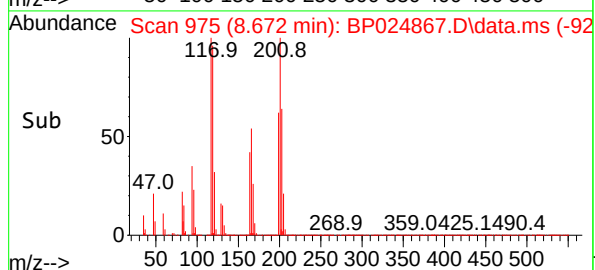
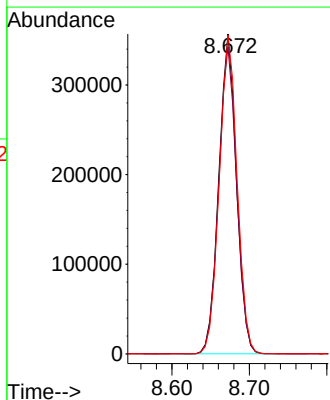
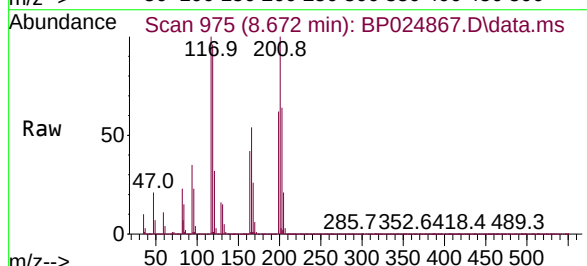
Tgt Ion:117 Resp: 566168

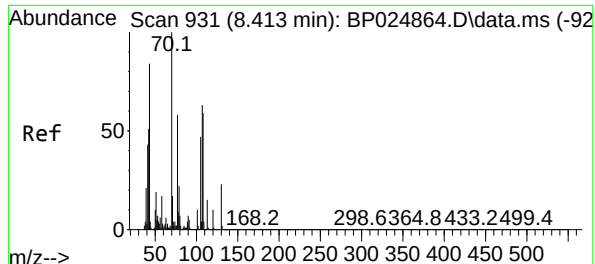
Ion	Ratio	Lower	Upper

117	100		

119	95.9	79.4	119.2

201	99.6	81.4	122.2





#19

n-Nitroso-di-n-propylamine

Concen: 76.374 ng

RT: 8.419 min Scan# 931

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

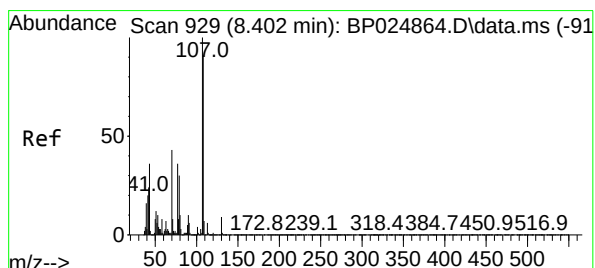
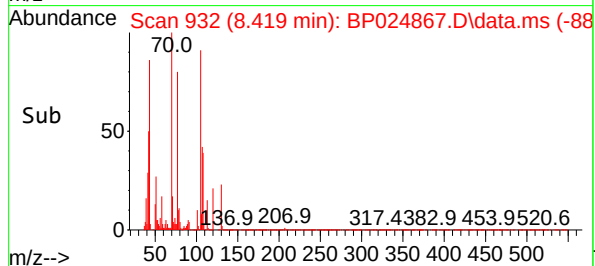
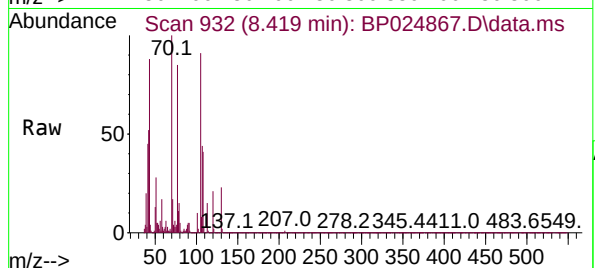
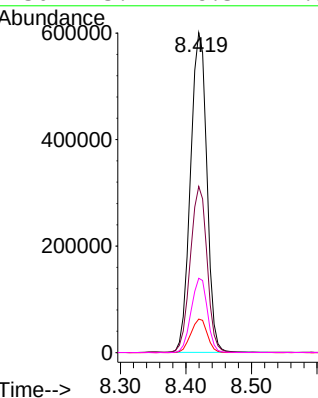
BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 1035677

Ion	Ratio	Lower	Upper
70	100		
42	51.9	41.2	61.8
101	10.5	8.3	12.5
130	23.2	18.3	27.5



#20

3+4-Methylphenols

Concen: 77.821 ng

RT: 8.402 min Scan# 929

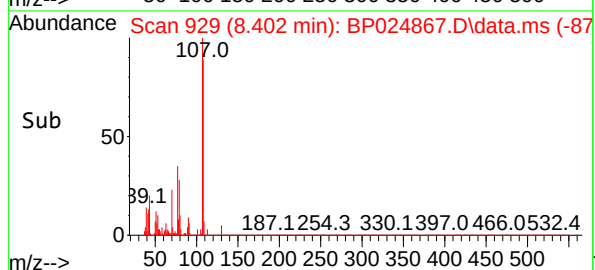
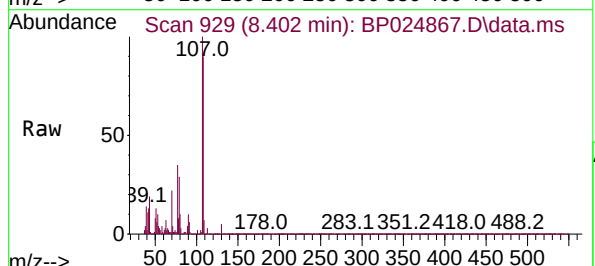
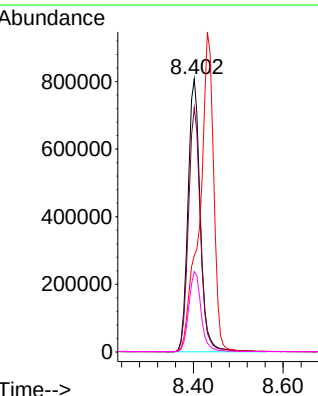
Delta R.T. 0.000 min

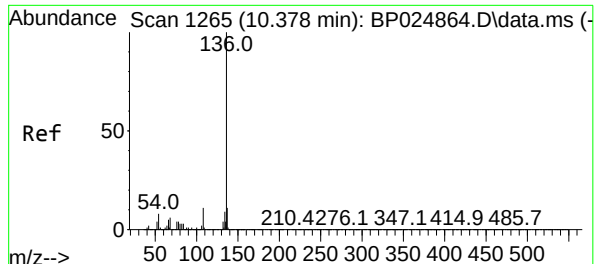
Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Tgt Ion: 107 Resp: 1524653

Ion	Ratio	Lower	Upper
107	100		
108	89.5	70.7	110.7
77	35.4	16.6	56.6
79	29.4	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.384 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:136 Resp: 1097725

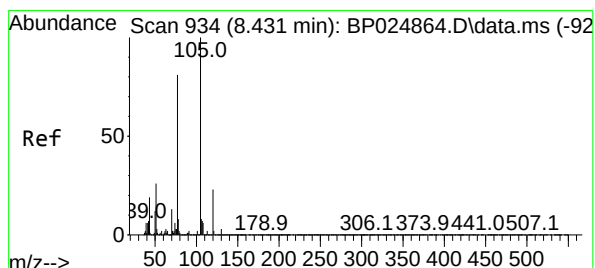
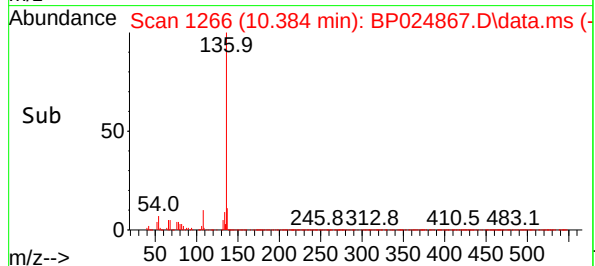
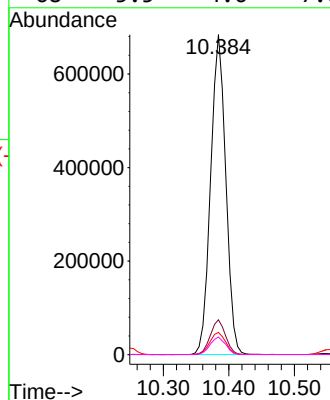
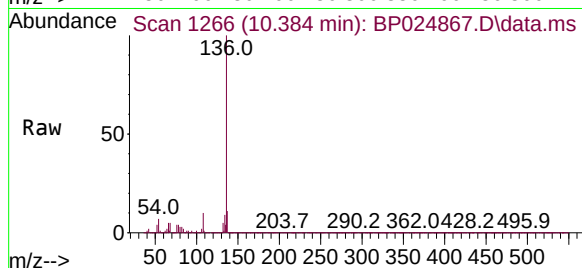
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.9 6.1 9.1

68 5.5 4.6 7.0



#22

Acetophenone

Concen: 73.305 ng

RT: 8.431 min Scan# 934

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Tgt Ion:105 Resp: 2033065

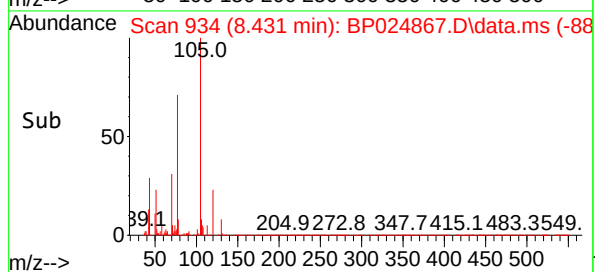
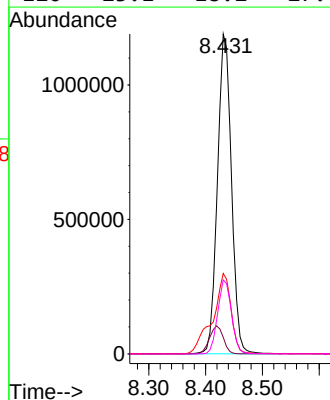
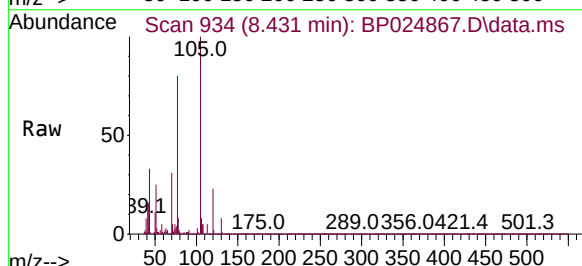
Ion Ratio Lower Upper

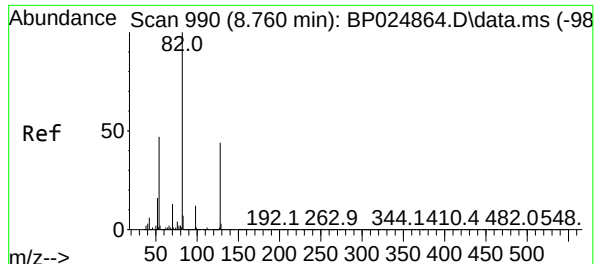
105 100

71 5.2 1.6 2.4#

51 25.1 20.6 31.0

120 23.1 18.2 27.4





#23

Nitrobenzene-d5

Concen: 148.903 ng

RT: 8.766 min Scan# 991

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

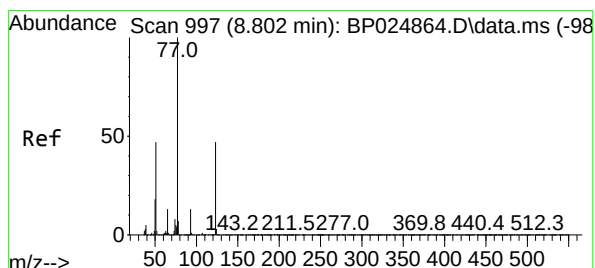
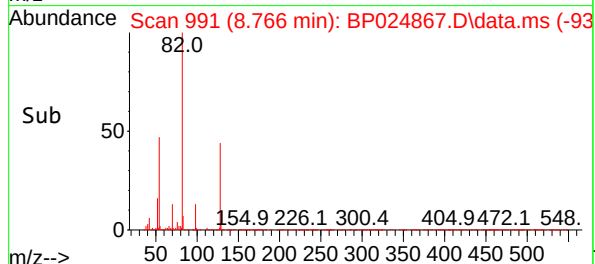
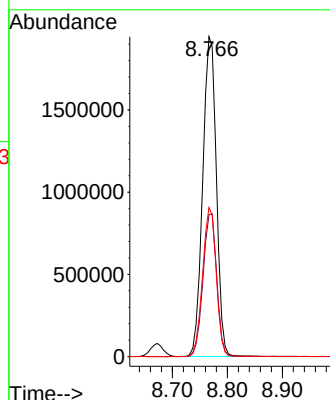
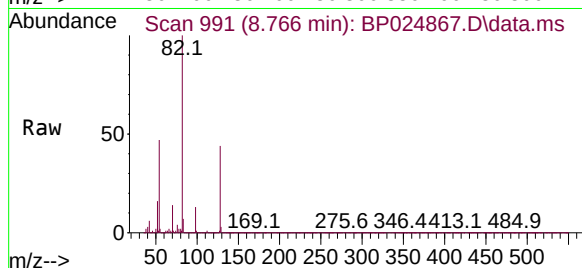
BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 3363733

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.3	52.9
54	46.6	37.4	56.0



#24

Nitrobenzene

Concen: 74.236 ng

RT: 8.808 min Scan# 998

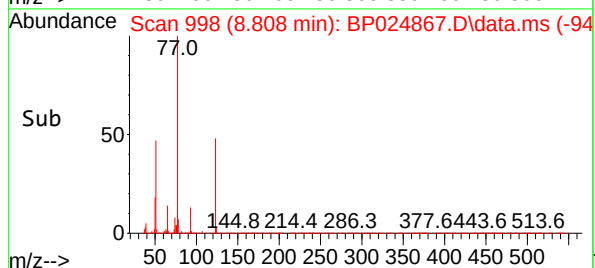
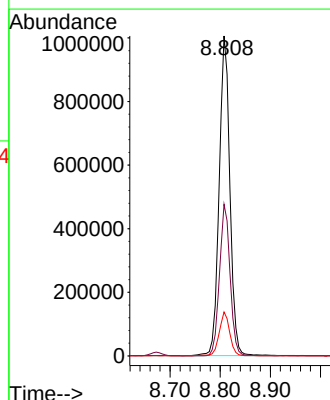
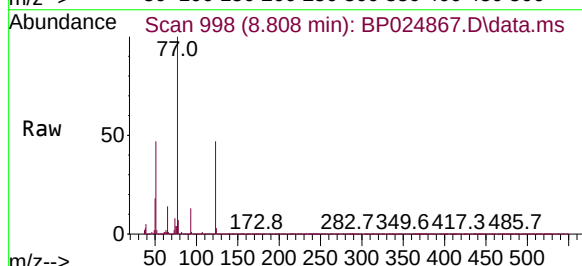
Delta R.T. 0.006 min

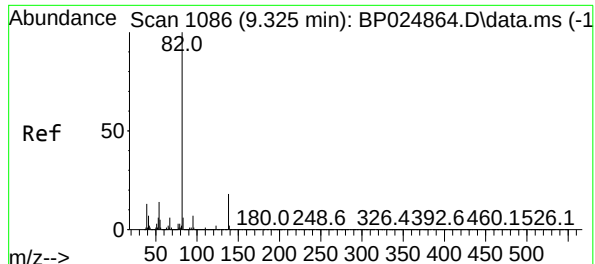
Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Tgt Ion: 77 Resp: 1489831

Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.3	55.9
65	13.7	10.8	16.2

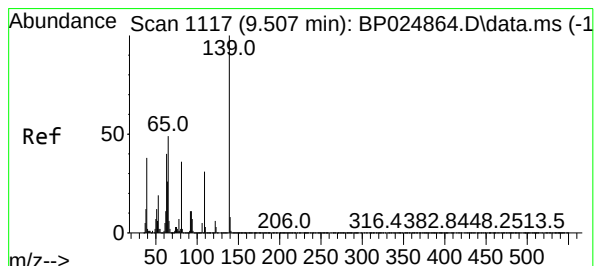
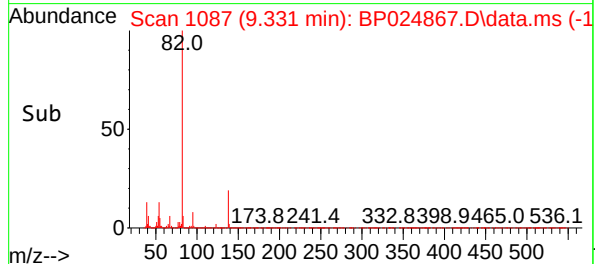
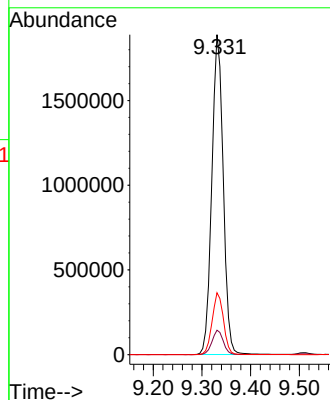
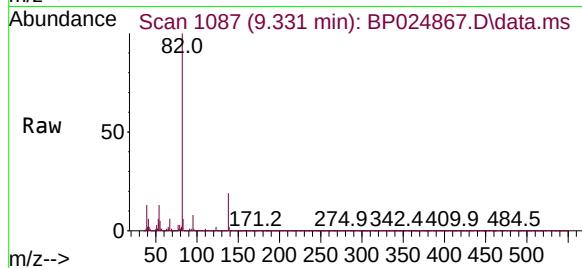




#25
Isophorone
Concen: 78.936 ng
RT: 9.331 min Scan# 1086
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

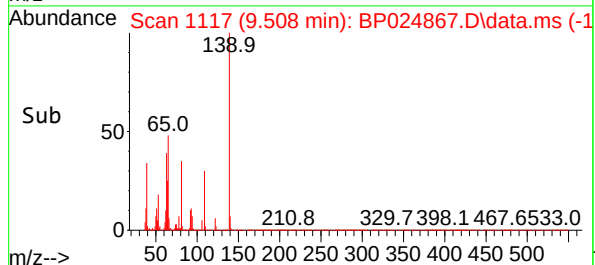
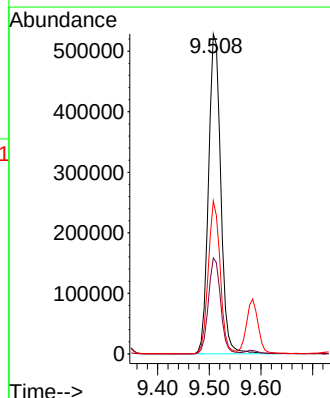
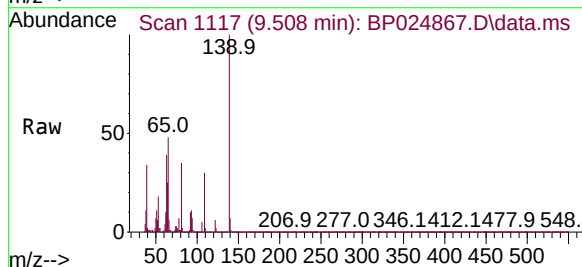
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

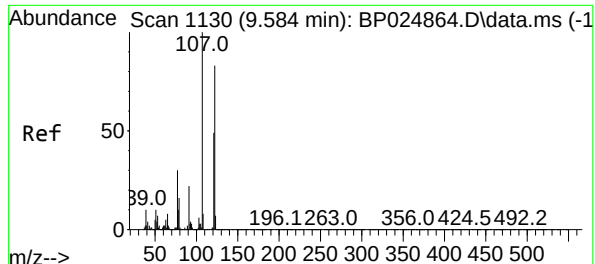
Tgt Ion: 82 Resp: 3090456
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 19.3 14.6 21.8



#26
2-Nitrophenol
Concen: 87.932 ng
RT: 9.508 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion: 139 Resp: 870704
Ion Ratio Lower Upper
139 100
109 30.0 24.6 37.0
65 47.8 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 82.403 ng

RT: 9.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

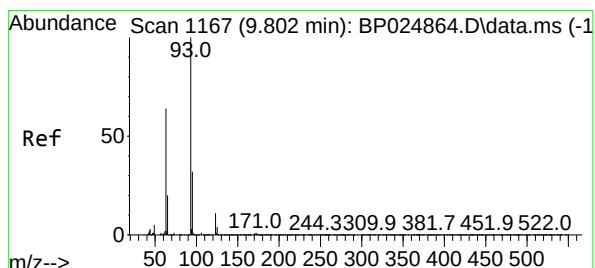
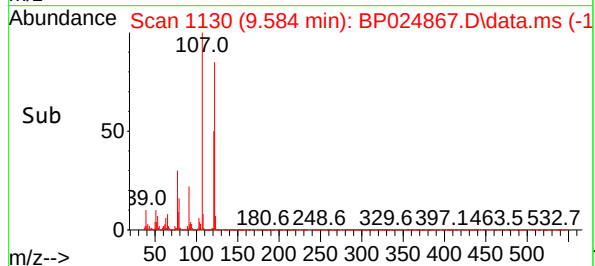
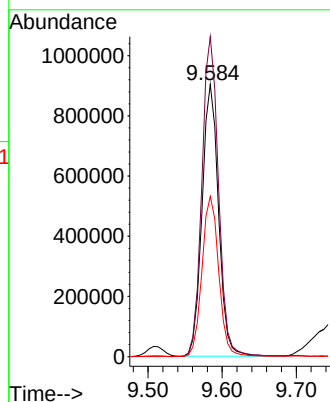
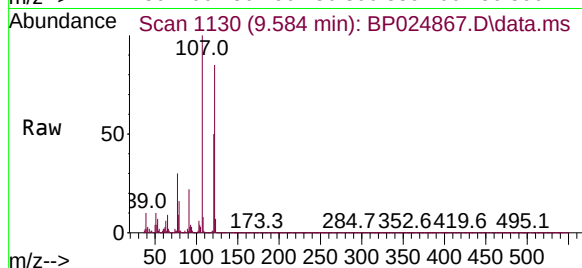
Tgt Ion:122 Resp: 1396457

Ion Ratio Lower Upper

122 100

107 117.5 96.2 144.4

121 58.8 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 78.289 ng

RT: 9.808 min Scan# 1168

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

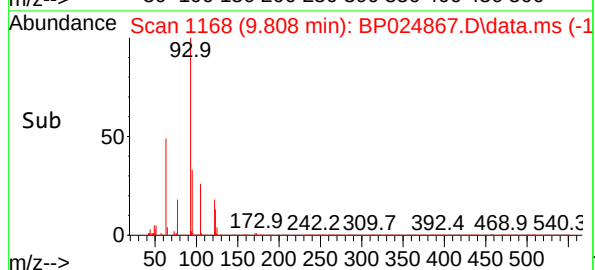
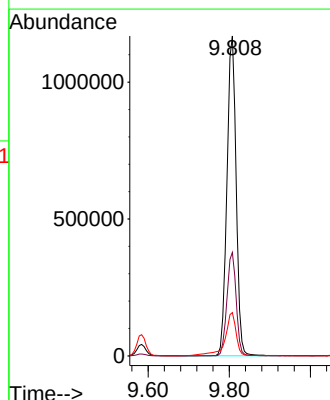
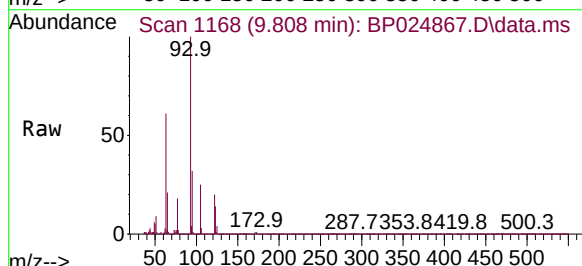
Tgt Ion: 93 Resp: 1828377

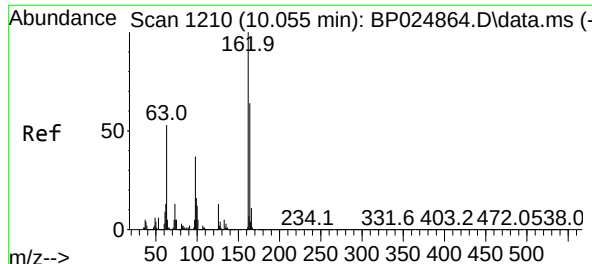
Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

123 13.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 87.313 ng

RT: 10.055 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

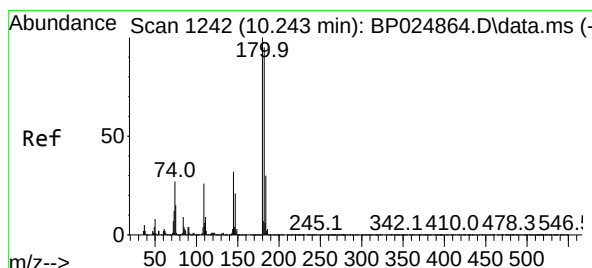
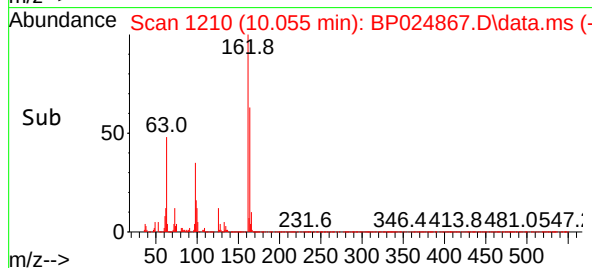
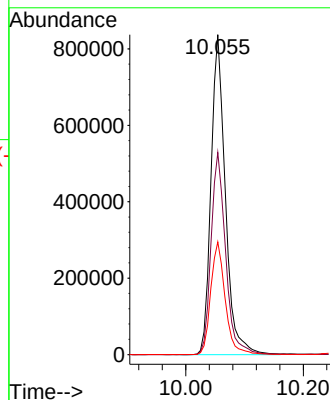
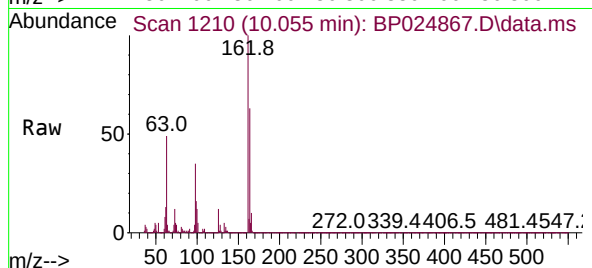
Tgt Ion:162 Resp: 1419757

Ion Ratio Lower Upper

162 100

164 63.2 44.0 84.0

98 35.2 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 84.080 ng

RT: 10.243 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

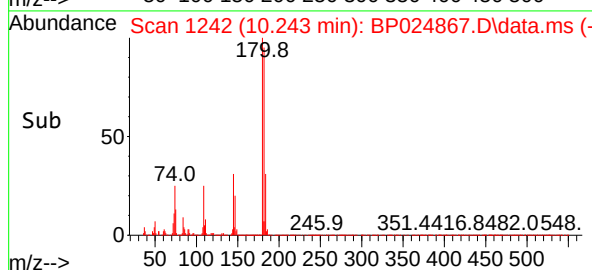
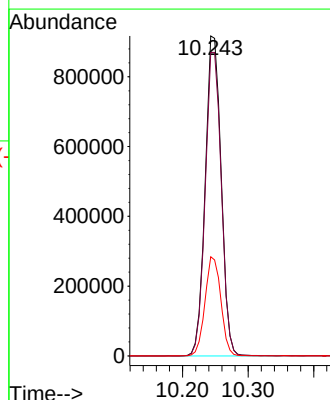
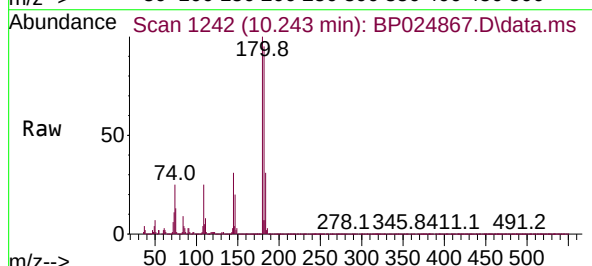
Tgt Ion:180 Resp: 1542041

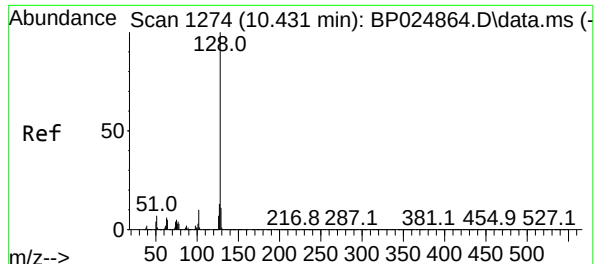
Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.6

145 31.0 25.7 38.5

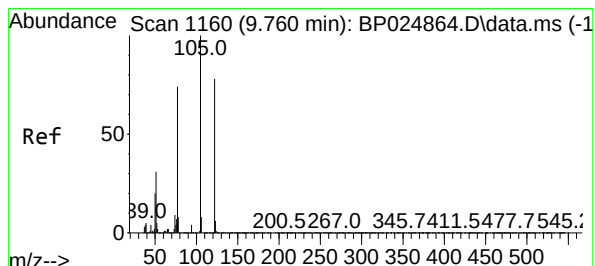
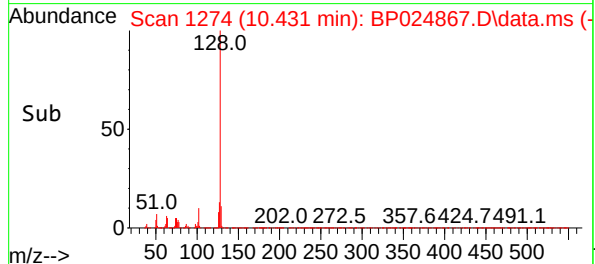
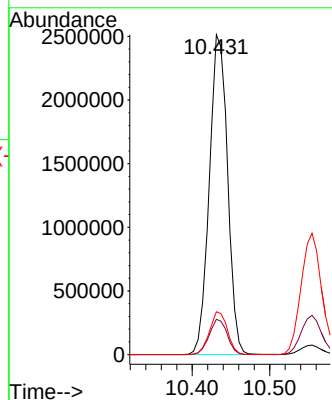
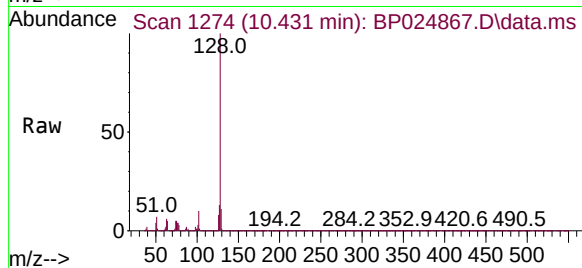




#31
Naphthalene
Concen: 72.957 ng
RT: 10.431 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

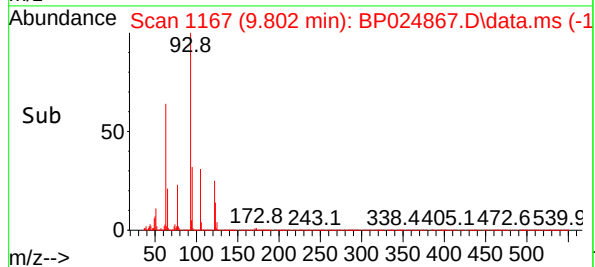
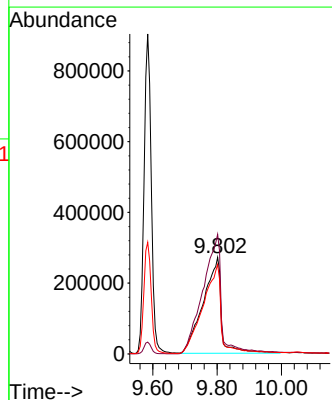
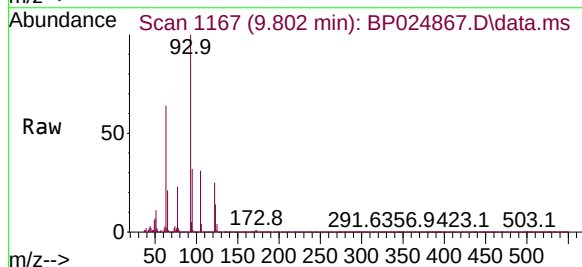
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

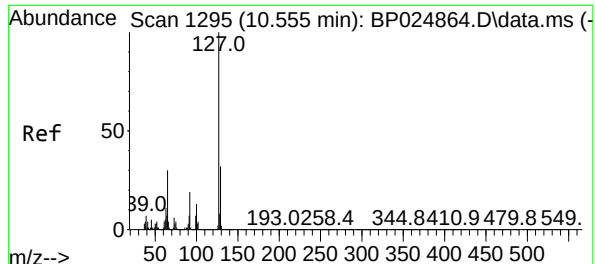
Tgt Ion:128 Resp: 4104122
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 94.314 ng
RT: 9.802 min Scan# 1167
Delta R.T. 0.041 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:122 Resp: 1065621
Ion Ratio Lower Upper
122 100
105 123.9 107.1 147.1
77 92.6 75.1 115.1



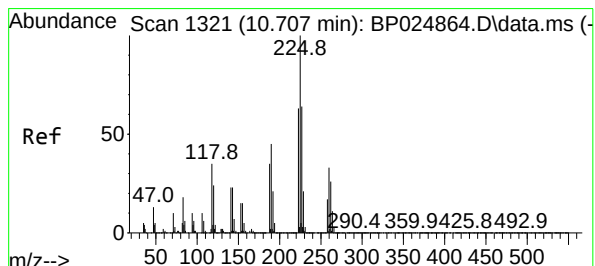
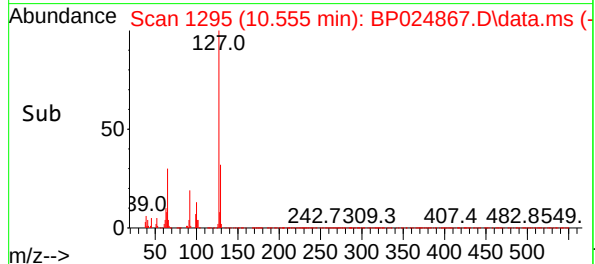
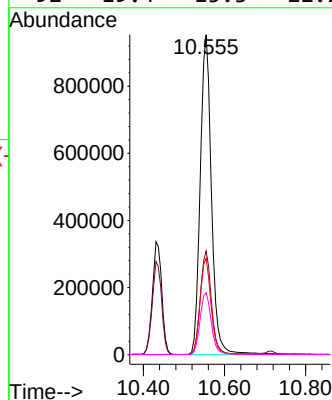
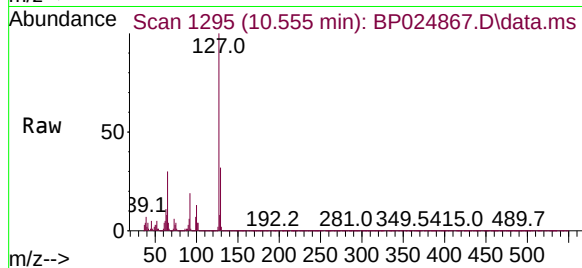


#33
4-Chloroaniline
Concen: 77.087 ng
RT: 10.555 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 1816811

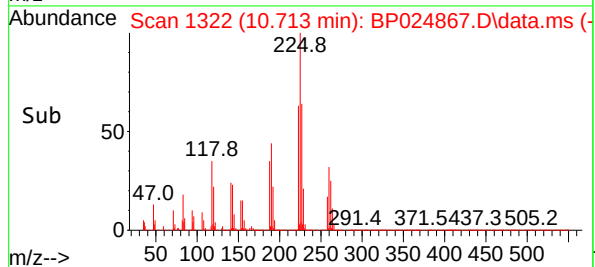
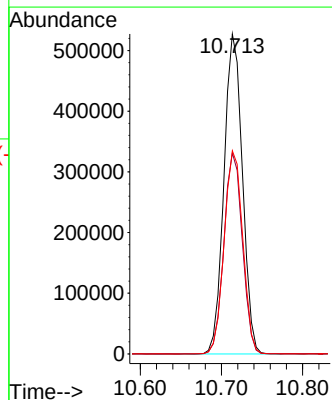
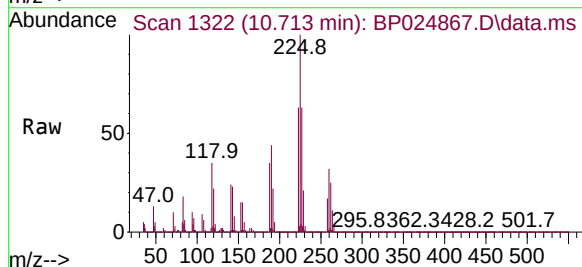
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	30.1	23.9	35.9
92	19.4	15.3	22.9

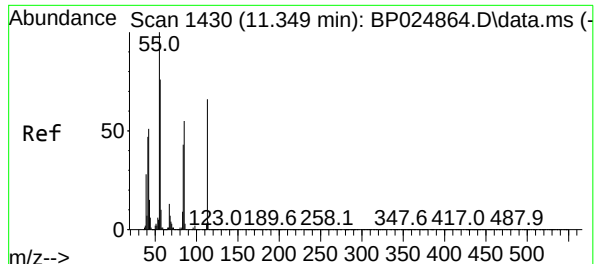


#34
Hexachlorobutadiene
Concen: 75.174 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:225 Resp: 830962

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.5	75.7
227	63.5	51.4	77.2

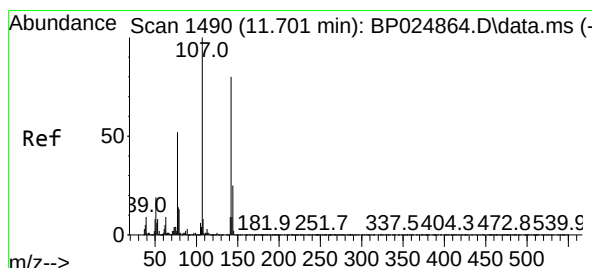
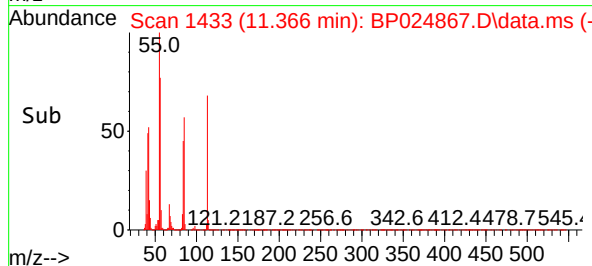
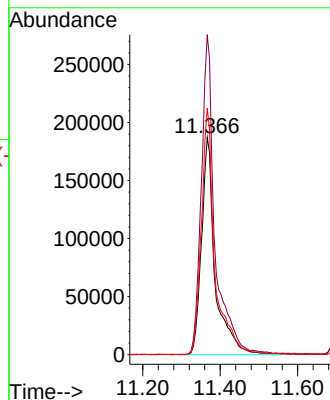
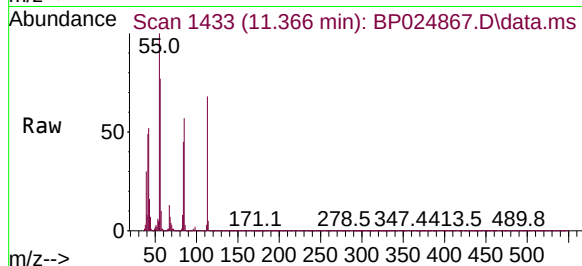




#35
Caprolactam
Concen: 76.358 ng
RT: 11.366 min Scan# 1433
Delta R.T. 0.018 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

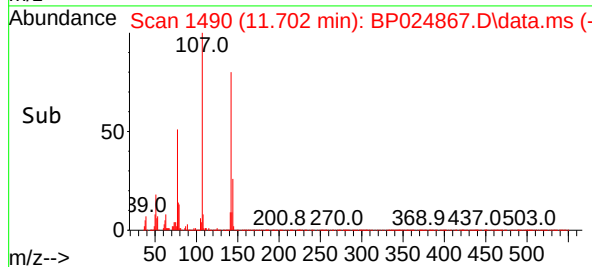
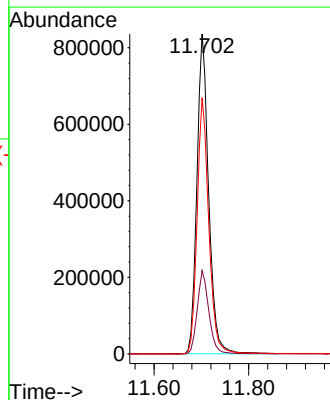
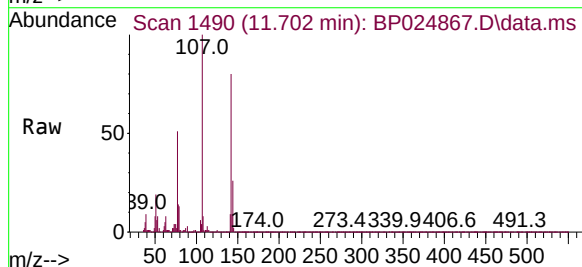
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

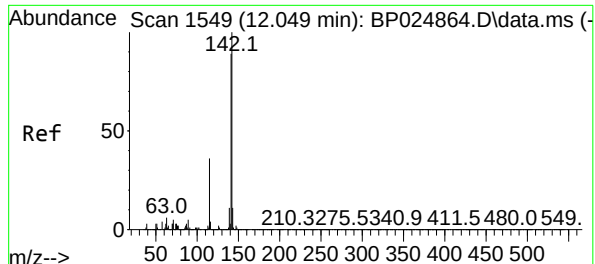
Tgt Ion	Ratio	Lower	Upper
113	100		
55	147.3	132.5	172.5
56	113.4	96.0	136.0



#36
4-Chloro-3-methylphenol
Concen: 76.925 ng
RT: 11.702 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.4	30.6
142	80.0	63.8	95.6

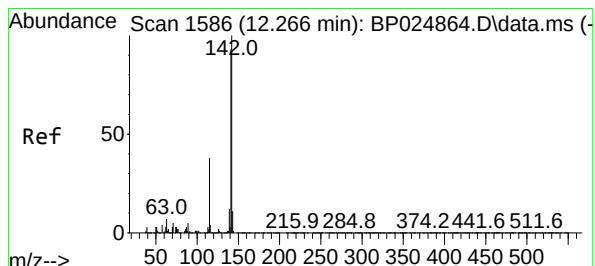
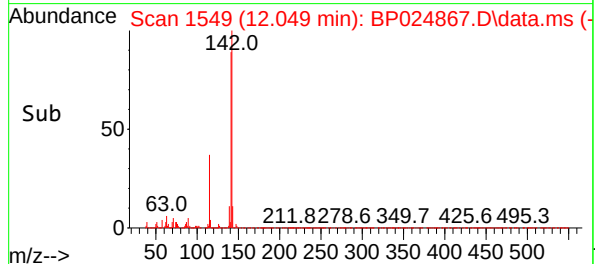
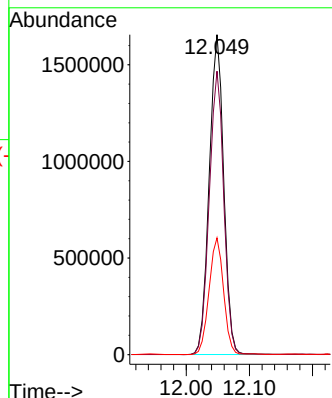
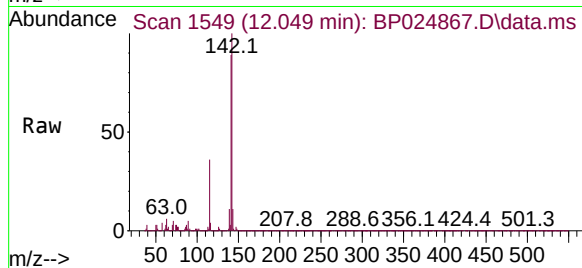




#37
2-Methylnaphthalene
Concen: 74.062 ng
RT: 12.049 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

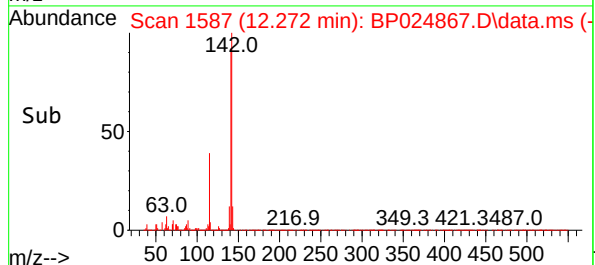
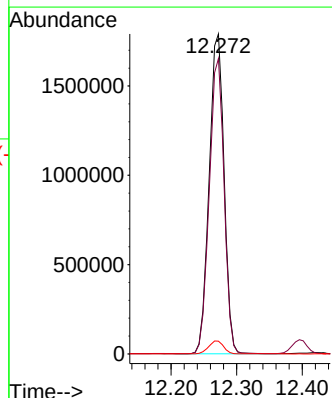
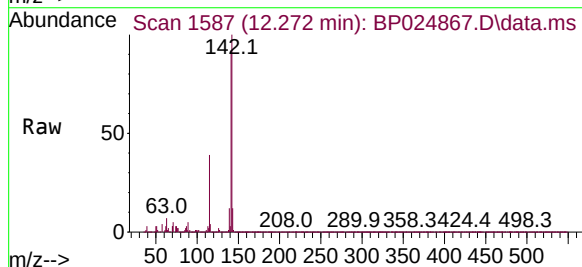
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

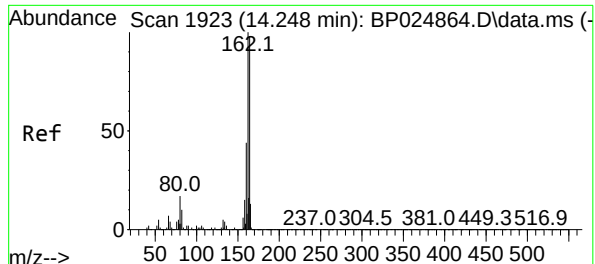
Tgt Ion:142 Resp: 2642800
Ion Ratio Lower Upper
142 100
141 88.6 71.2 106.8
115 36.5 28.5 42.7



#38
1-Methylnaphthalene
Concen: 73.955 ng
RT: 12.272 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:142 Resp: 2821350
Ion Ratio Lower Upper
142 100
141 92.3 74.7 112.1
116 4.0 3.4 5.0

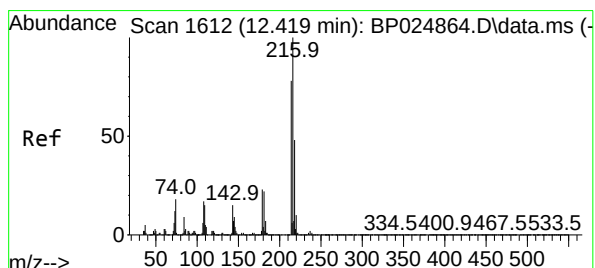
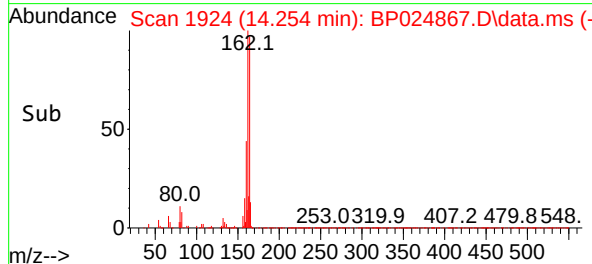
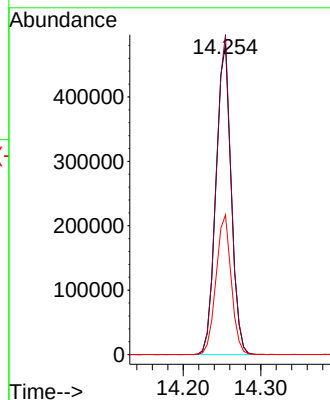
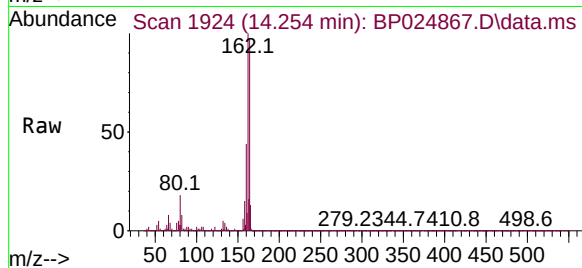




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

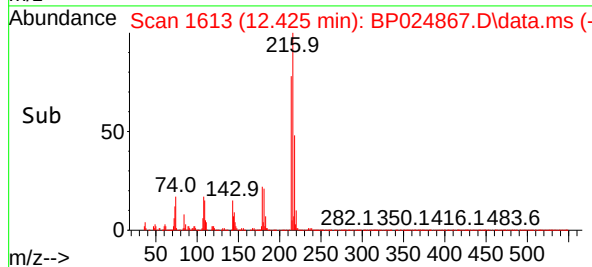
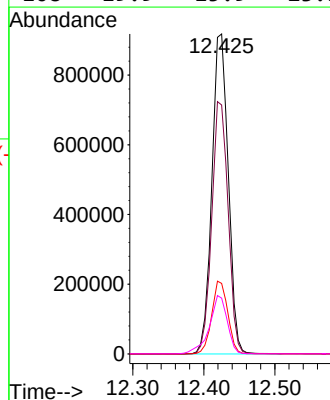
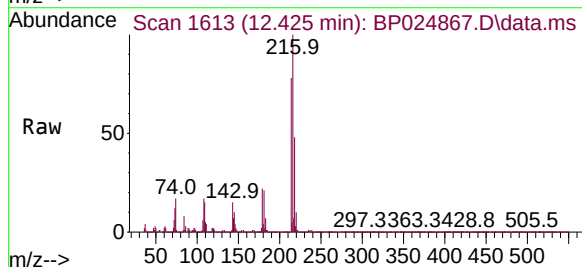
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

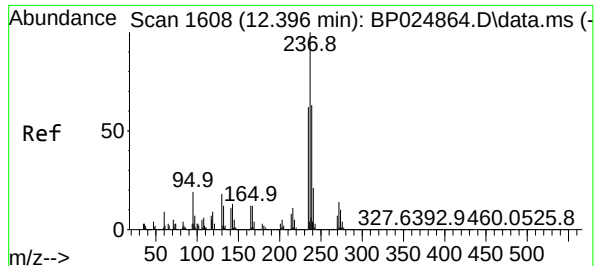
Tgt Ion:164 Resp: 655445
Ion Ratio Lower Upper
164 100
162 103.0 81.6 122.4
160 45.0 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.160 ng
RT: 12.425 min Scan# 1613
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:216 Resp: 1472269
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.4
179 22.3 17.8 26.6
108 19.9 15.9 23.9

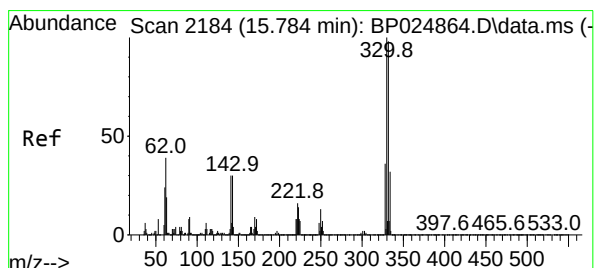
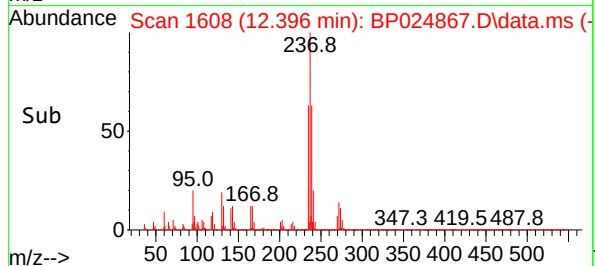
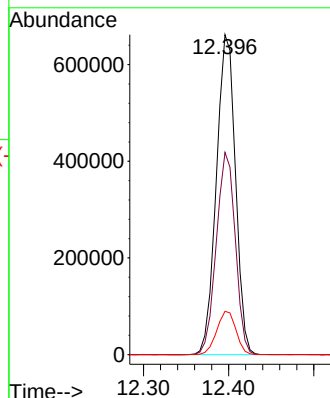
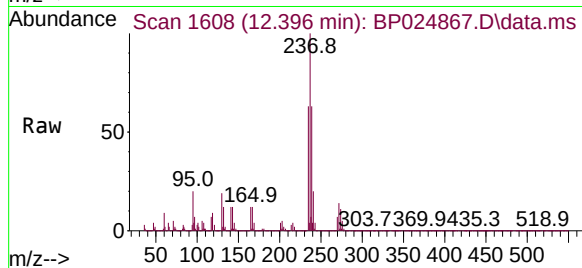




#41
Hexachlorocyclopentadiene
Concen: 90.970 ng
RT: 12.396 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

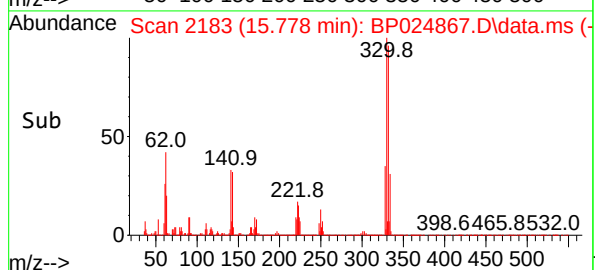
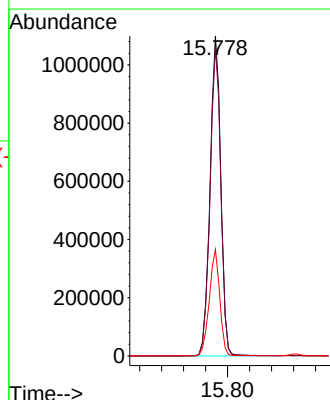
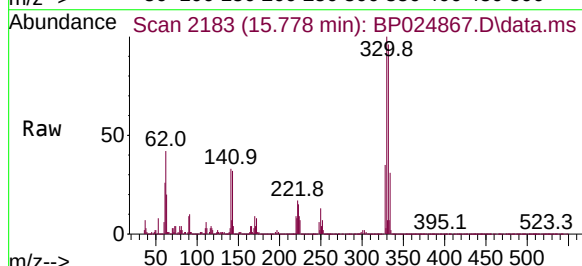
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

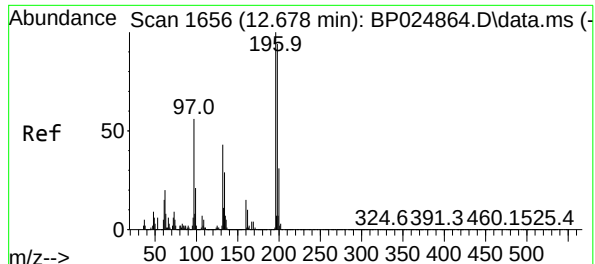
Tgt Ion:237 Resp: 1031961
Ion Ratio Lower Upper
237 100
235 63.2 41.9 81.9
272 13.5 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 164.916 ng
RT: 15.778 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:330 Resp: 1494447
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 32.5 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 83.186 ng

RT: 12.678 min Scan# 1656

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

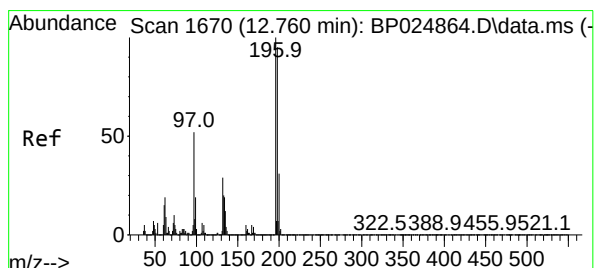
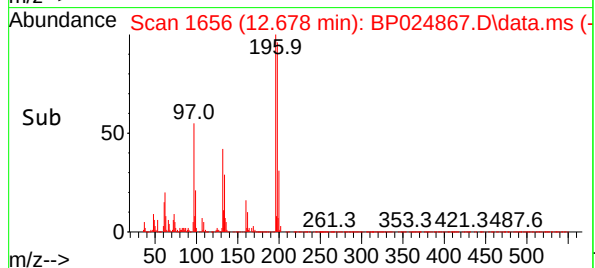
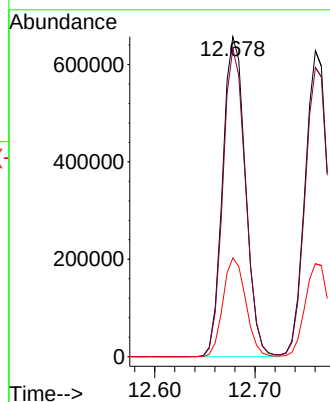
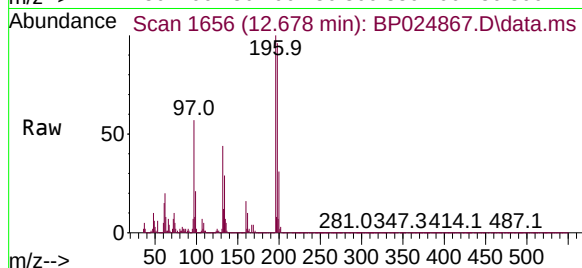
Tgt Ion:196 Resp: 1039009

Ion Ratio Lower Upper

196 100

198 96.3 75.4 113.0

200 30.8 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 83.507 ng

RT: 12.760 min Scan# 1670

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Tgt Ion:196 Resp: 1117015

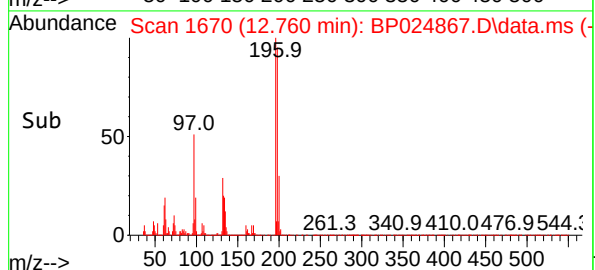
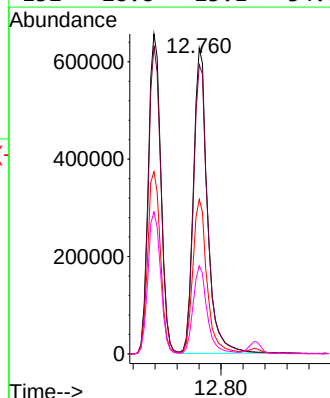
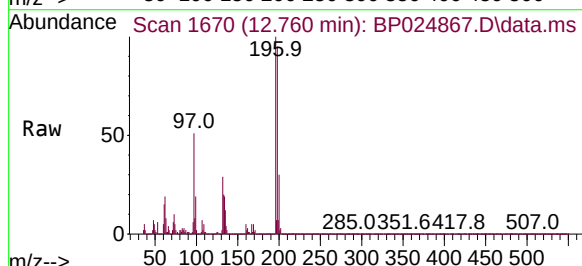
Ion Ratio Lower Upper

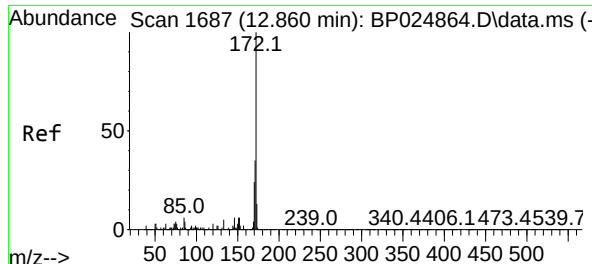
196 100

198 94.6 76.0 114.0

97 50.5 41.5 62.3

132 28.8 23.1 34.7

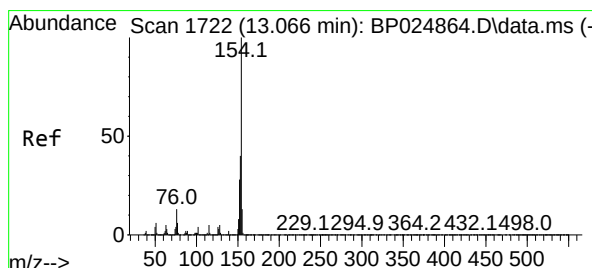
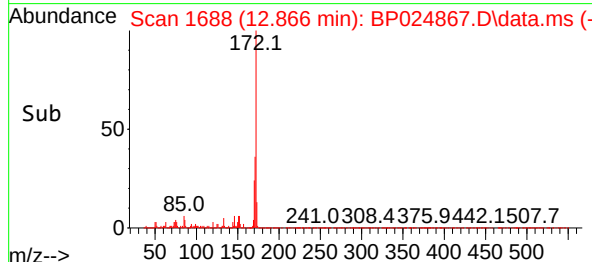
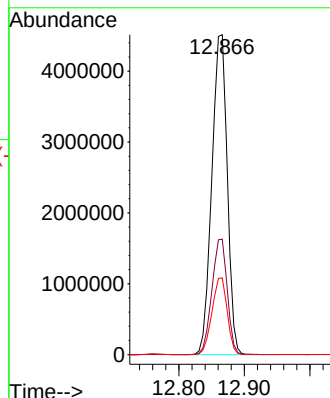
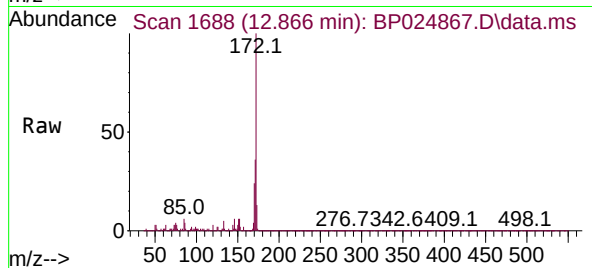




#45
2-Fluorobiphenyl
Concen: 151.825 ng
RT: 12.866 min Scan# 1688
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

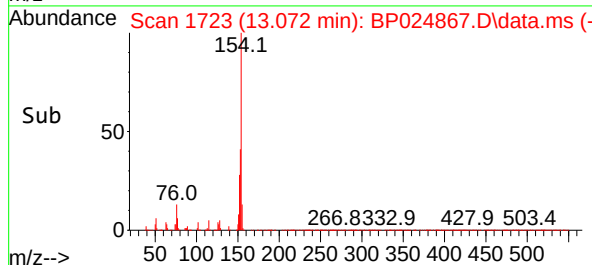
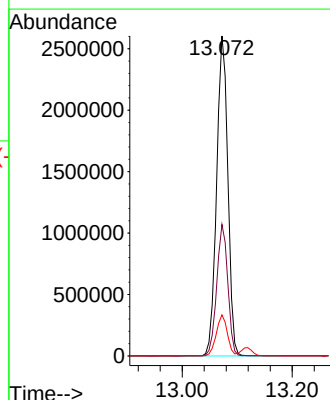
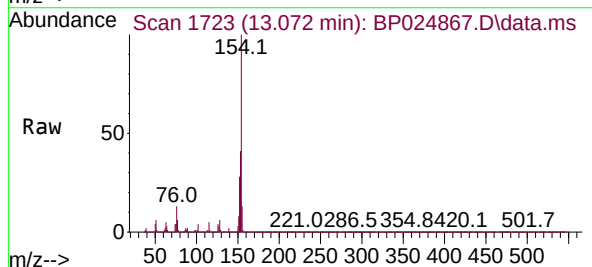
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

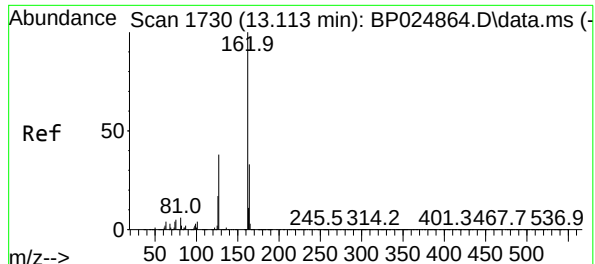
Tgt Ion:172 Resp: 7387084
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 24.0 19.0 28.4



#46
1,1'-Biphenyl
Concen: 77.223 ng
RT: 13.072 min Scan# 1723
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:154 Resp: 3678354
Ion Ratio Lower Upper
154 100
153 41.1 20.3 60.3
76 12.8 0.0 33.0





#47

2-Chloronaphthalene

Concen: 77.428 ng

RT: 13.119 min Scan# 1730

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

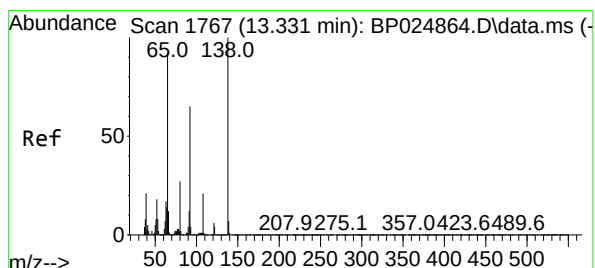
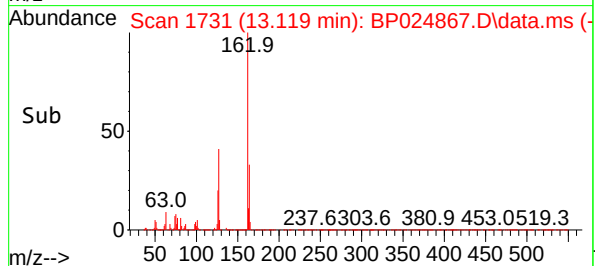
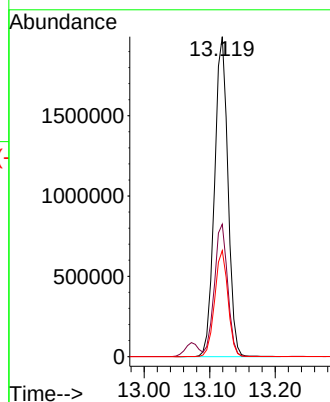
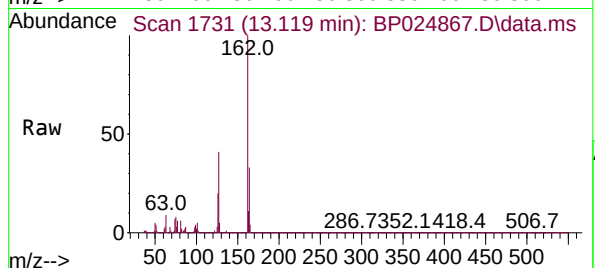
Tgt Ion:162 Resp: 2834595

Ion Ratio Lower Upper

162 100

127 41.4 32.5 48.7

164 33.1 26.2 39.2



#48

2-Nitroaniline

Concen: 82.685 ng

RT: 13.337 min Scan# 1768

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

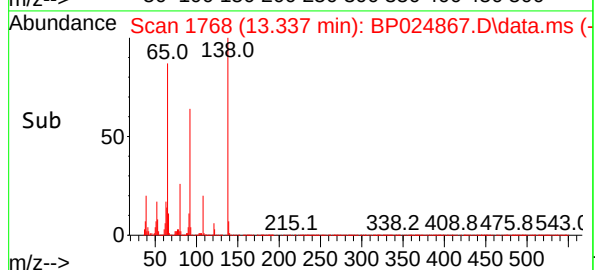
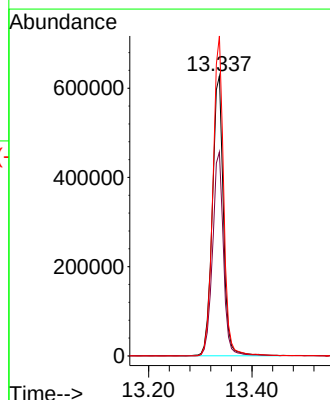
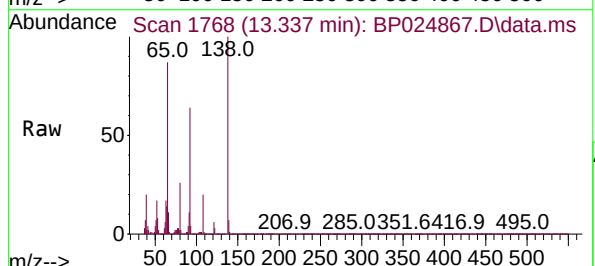
Tgt Ion: 65 Resp: 930628

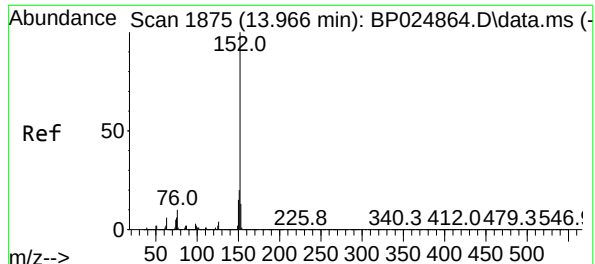
Ion Ratio Lower Upper

65 100

92 72.9 56.8 85.2

138 114.3 86.9 130.3





#49

Acenaphthylene

Concen: 77.508 ng

RT: 13.966 min Scan# 1875

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

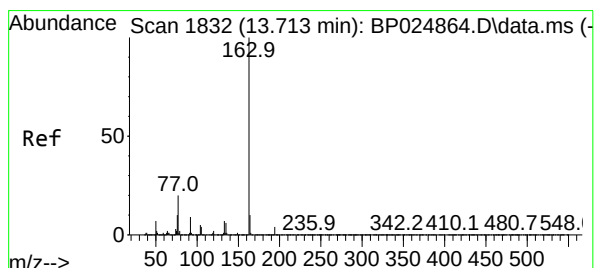
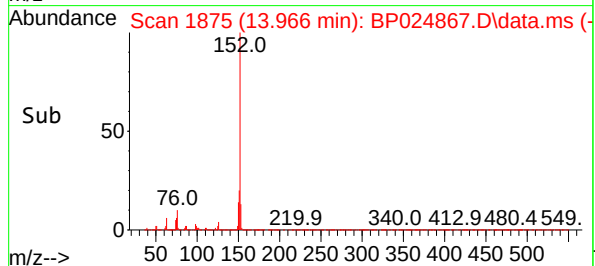
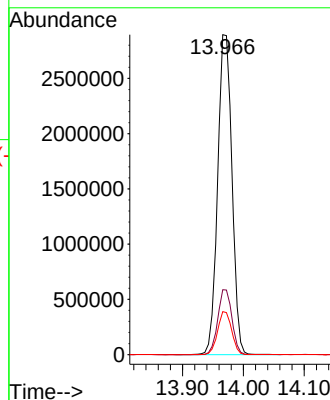
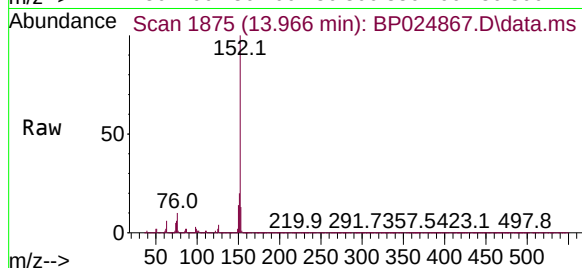
Tgt Ion:152 Resp: 4731215

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.4 10.6 15.8



#50

Dimethylphthalate

Concen: 77.959 ng

RT: 13.719 min Scan# 1833

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

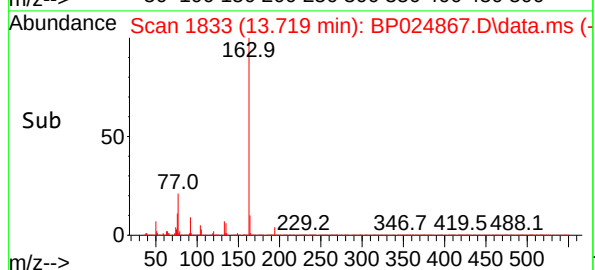
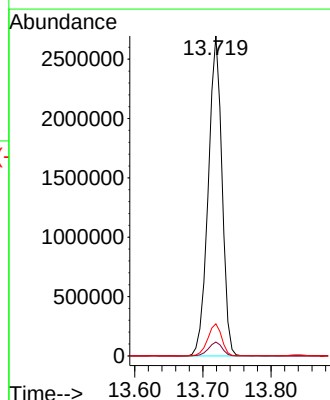
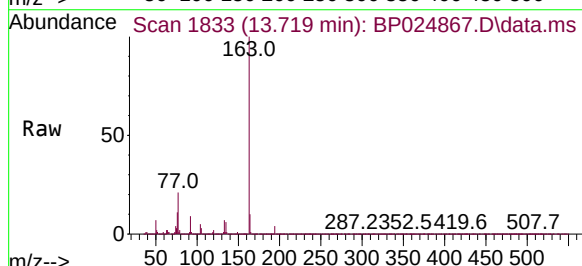
Tgt Ion:163 Resp: 3769405

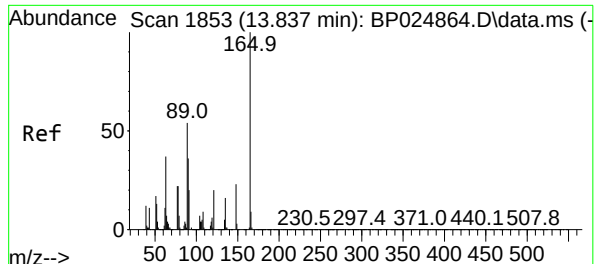
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.0 8.0 12.0

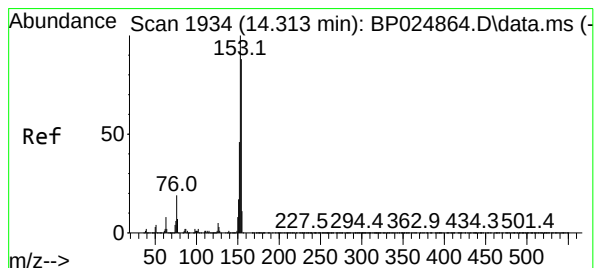
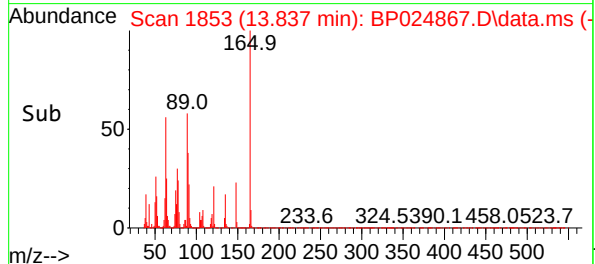
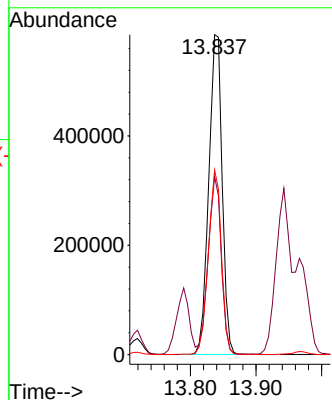
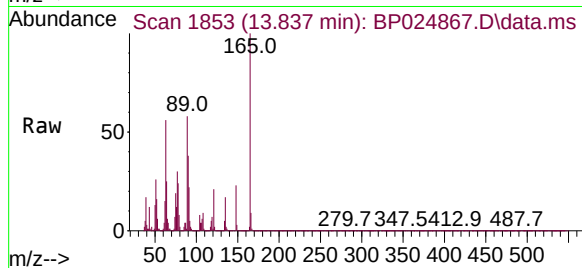




#51
2,6-Dinitrotoluene
Concen: 79.625 ng
RT: 13.837 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

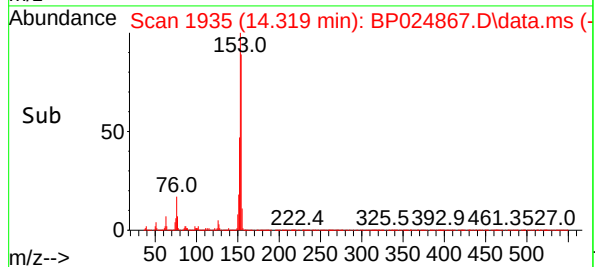
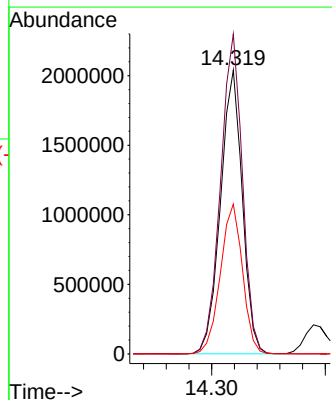
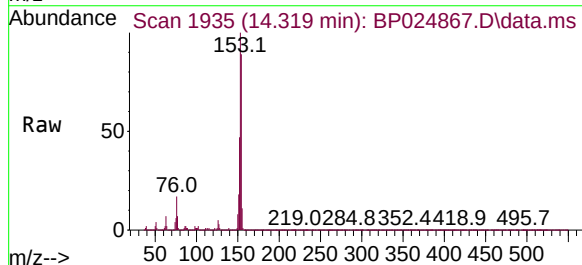
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

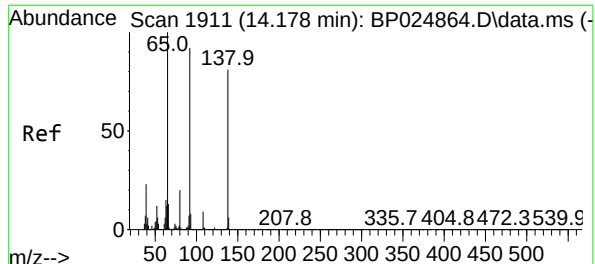
Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.6	41.8	62.8
89	57.7	43.1	64.7



#52
Acenaphthene
Concen: 77.638 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.5	135.7
152	52.8	42.1	63.1

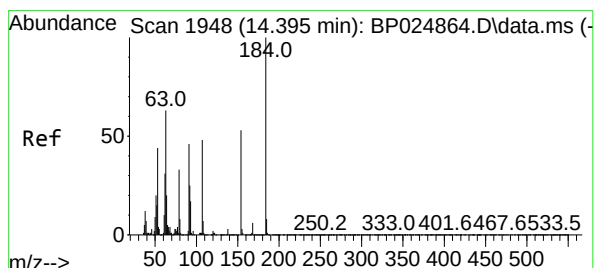
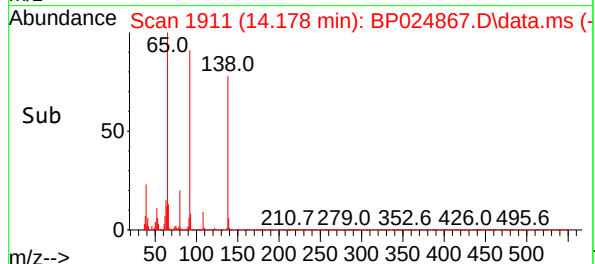
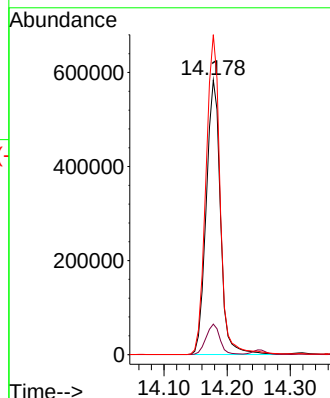
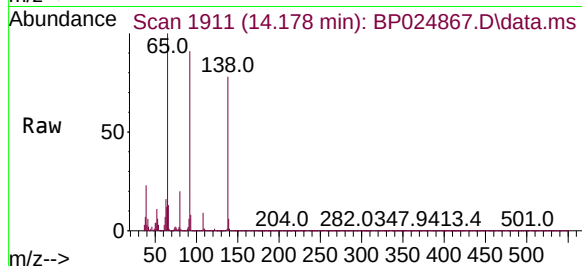




#53
3-Nitroaniline
Concen: 84.530 ng
RT: 14.178 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

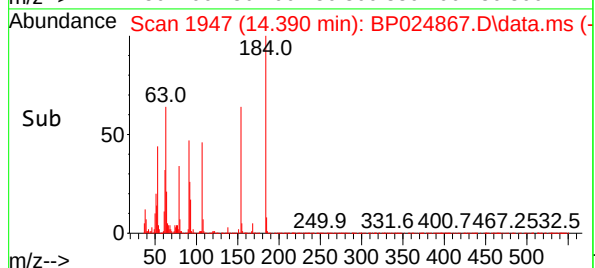
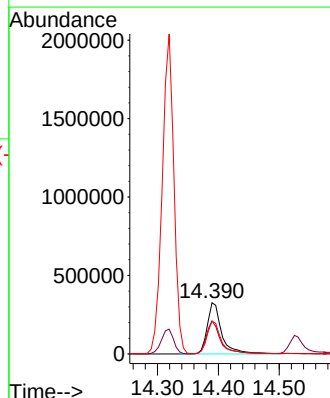
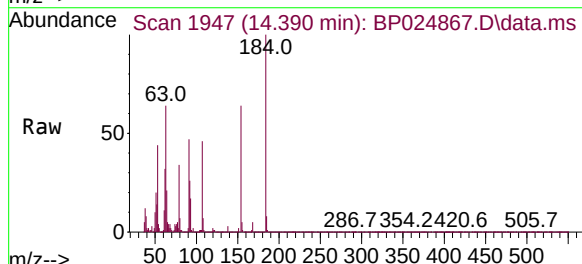
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

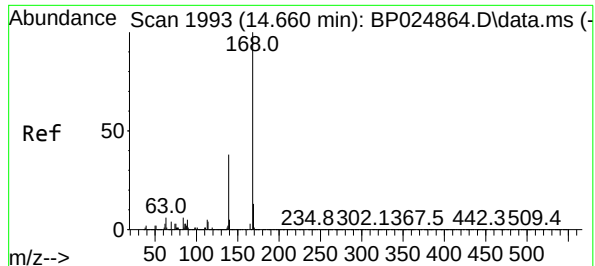
Tgt Ion:138 Resp: 914372
Ion Ratio Lower Upper
138 100
108 11.1 8.6 12.8
92 116.5 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 79.298 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:184 Resp: 537870
Ion Ratio Lower Upper
184 100
63 64.4 51.0 76.4
154 64.2 51.7 77.5

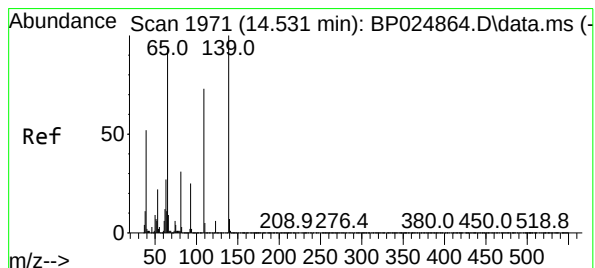
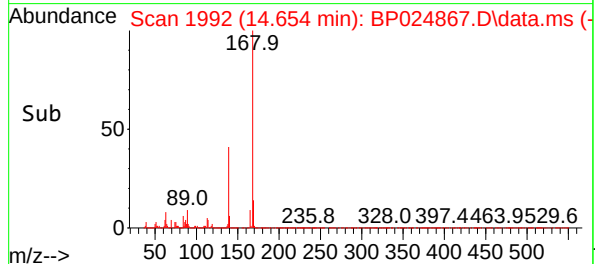
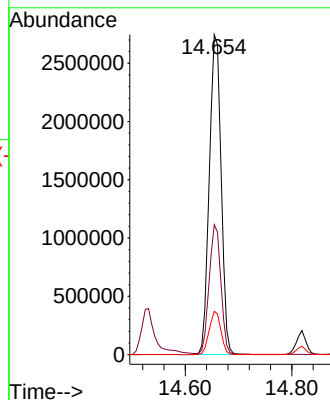
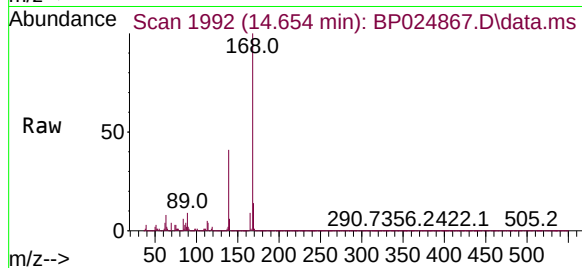




#55
Dibenzofuran
Concen: 75.424 ng
RT: 14.654 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

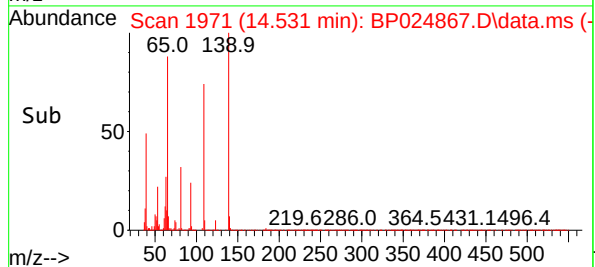
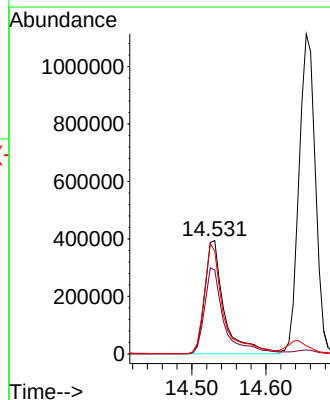
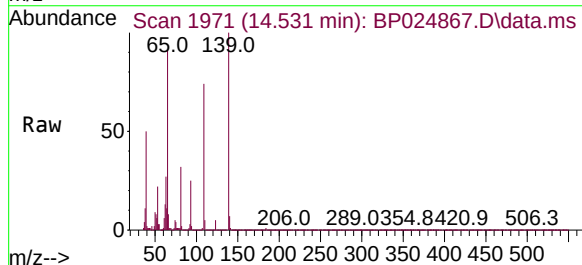
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

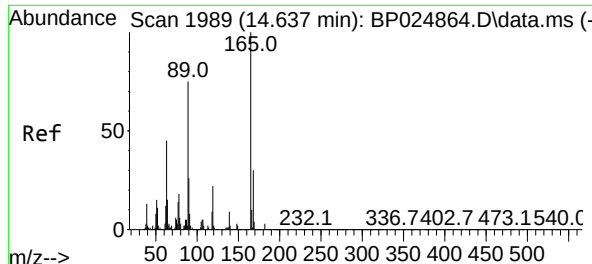
Tgt Ion:168 Resp: 4234879
Ion Ratio Lower Upper
168 100
139 40.6 31.6 47.4
169 13.5 10.6 15.8



#56
4-Nitrophenol
Concen: 78.739 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:139 Resp: 720226
Ion Ratio Lower Upper
139 100
109 74.3 53.1 93.1
65 90.8 73.0 113.0

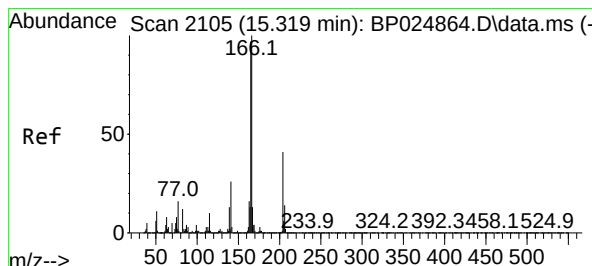
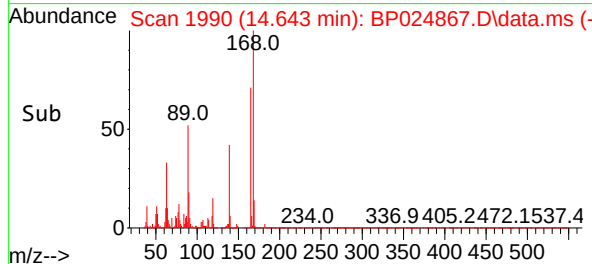
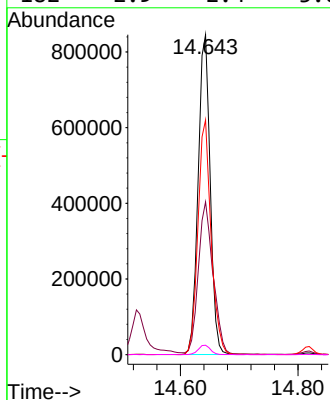
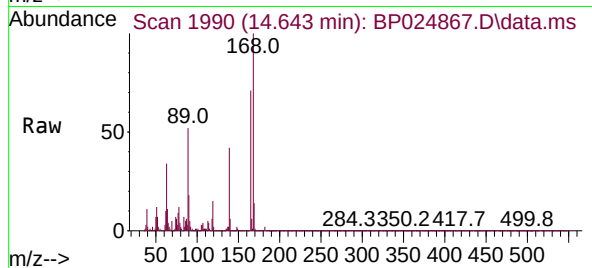




#57
2,4-Dinitrotoluene
Concen: 82.341 ng
RT: 14.643 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

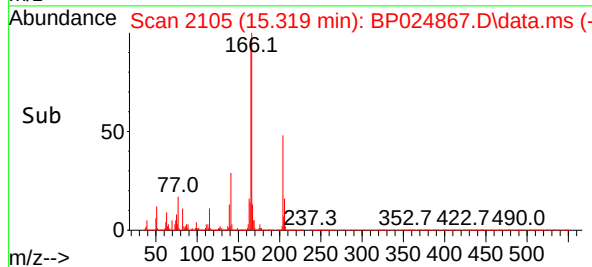
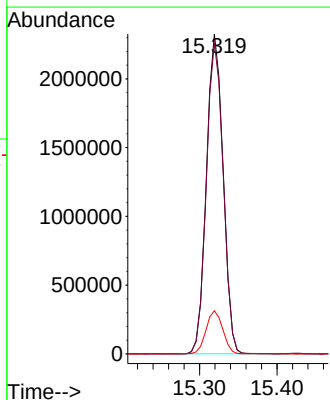
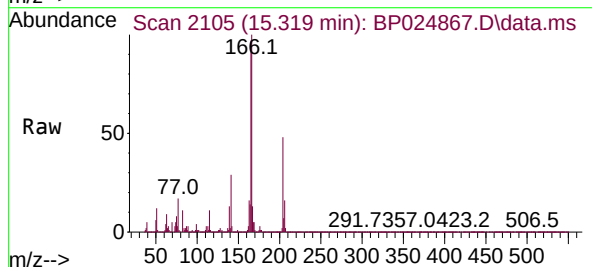
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

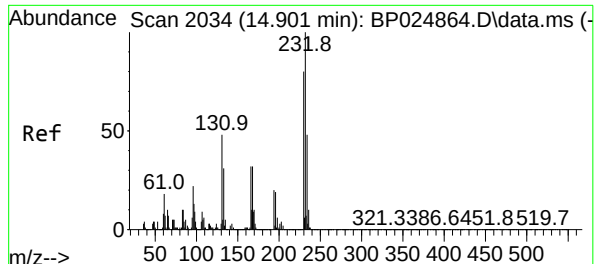
Tgt Ion:165 Resp: 1200593
Ion Ratio Lower Upper
165 100
63 47.7 37.0 55.6
89 73.3 60.1 90.1
182 2.9 2.4 3.6



#58
Fluorene
Concen: 76.824 ng
RT: 15.319 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:166 Resp: 3484502
Ion Ratio Lower Upper
166 100
165 97.1 77.7 116.5
167 13.5 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 81.077 ng

RT: 14.901 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:232 Resp: 970694

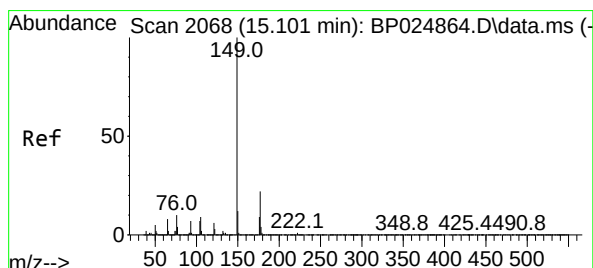
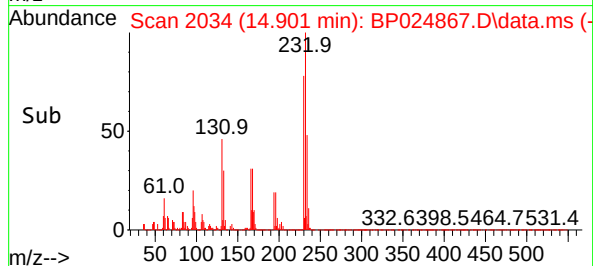
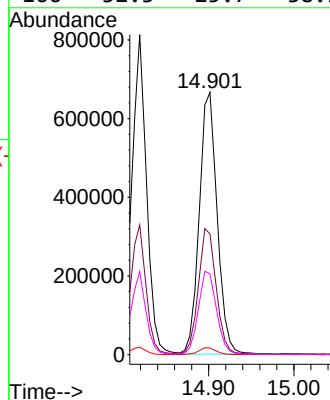
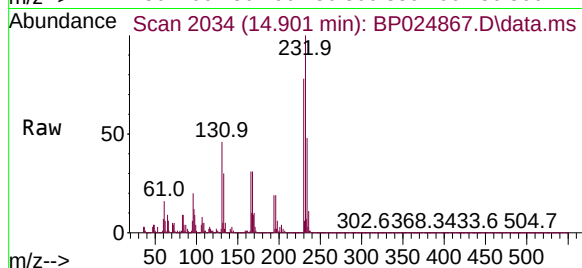
Ion Ratio Lower Upper

232 100

131 48.0 38.2 57.2

130 2.6 2.1 3.1

166 32.3 25.7 38.5



#60

Diethylphthalate

Concen: 78.844 ng

RT: 15.095 min Scan# 2067

Delta R.T. -0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

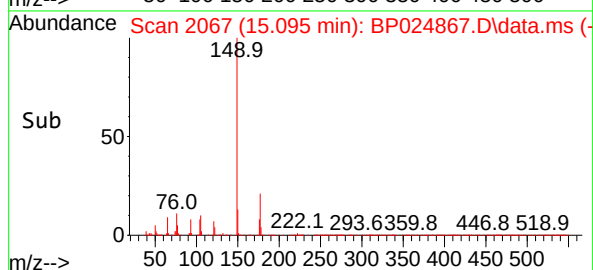
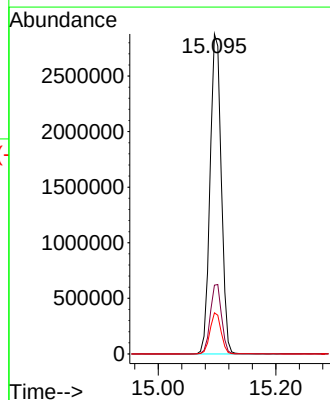
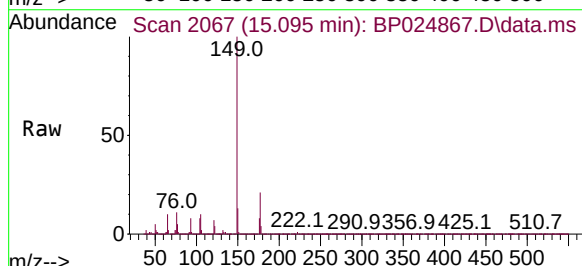
Tgt Ion:149 Resp: 3799279

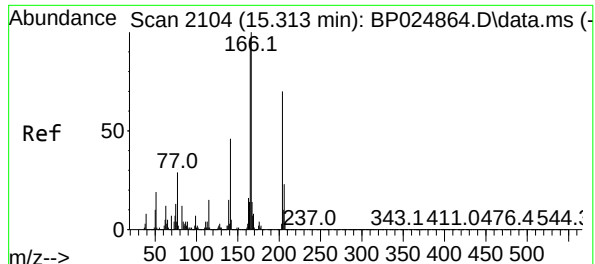
Ion Ratio Lower Upper

149 100

177 21.5 17.9 26.9

150 12.8 9.8 14.6

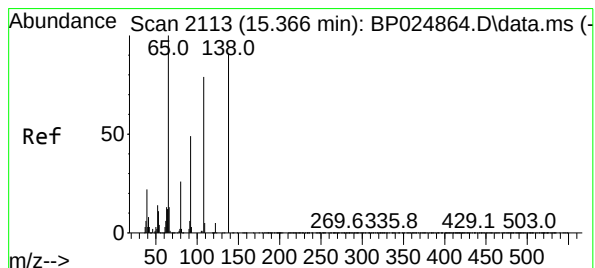
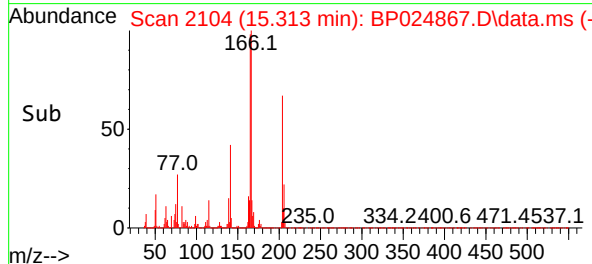
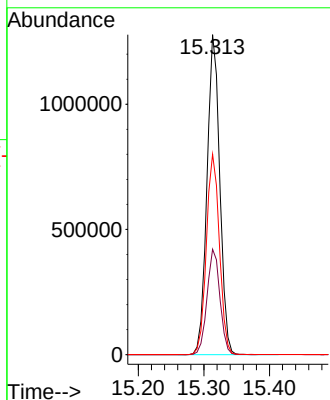
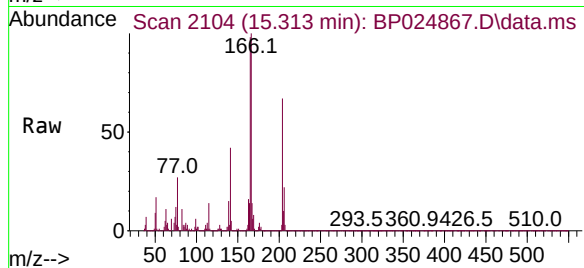




#61
4-Chlorophenyl-phenylether
Concen: 77.784 ng
RT: 15.313 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

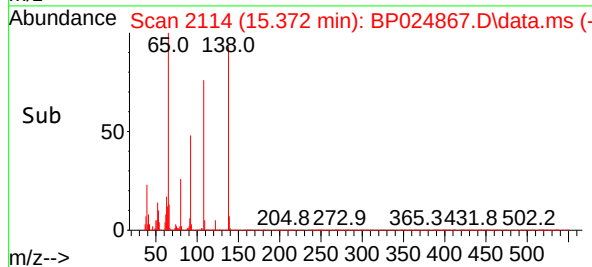
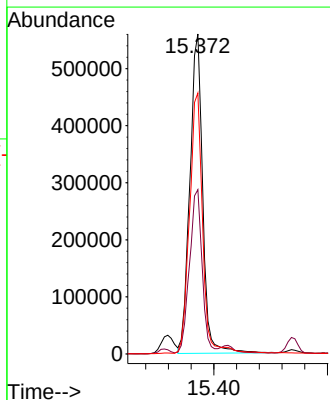
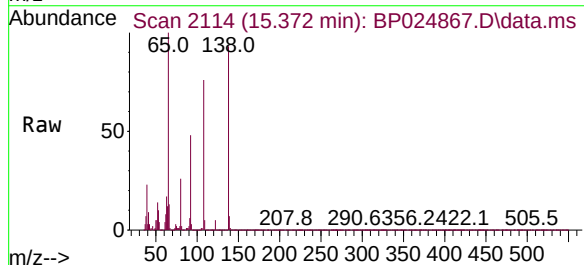
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

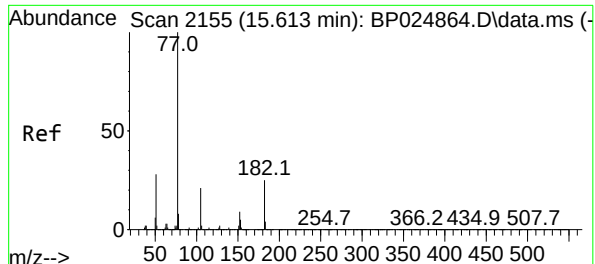
Tgt Ion:204 Resp: 1725059
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 62.6 52.4 78.6



#62
4-Nitroaniline
Concen: 89.199 ng
RT: 15.372 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:138 Resp: 875375
Ion Ratio Lower Upper
138 100
92 51.3 33.5 73.5
108 81.5 65.1 105.1

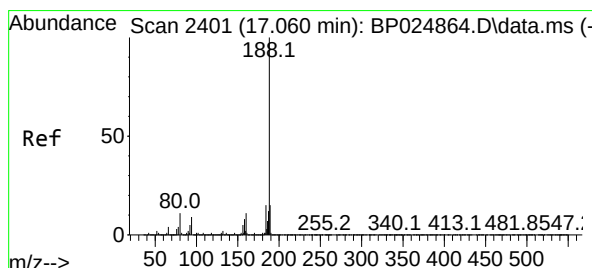
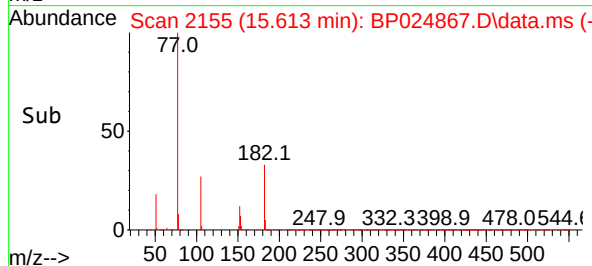
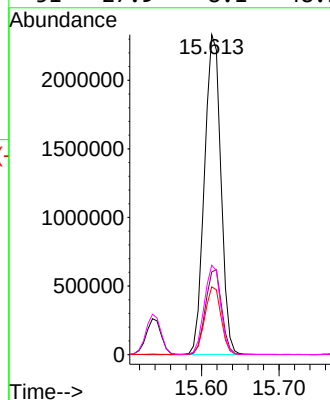
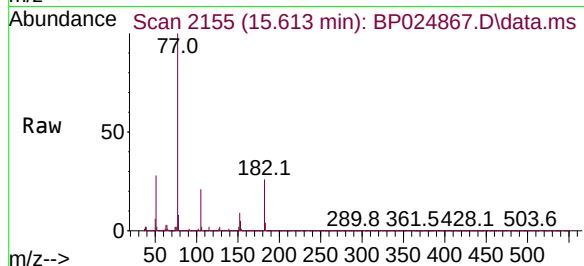




#63
Azobenzene
Concen: 77.538 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

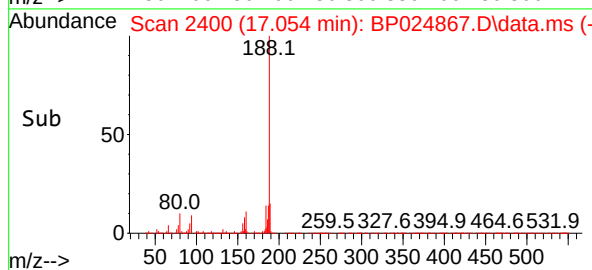
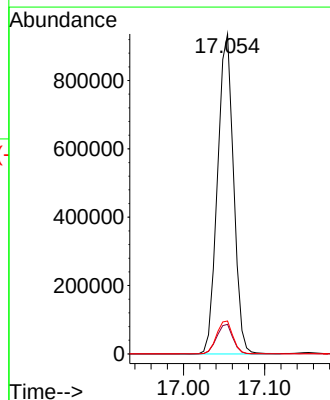
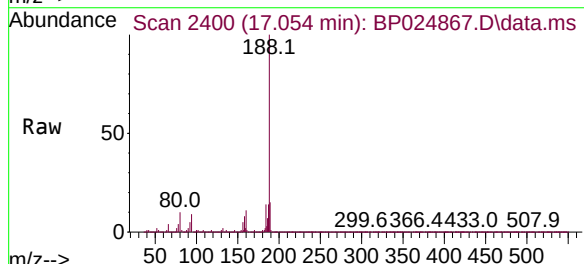
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

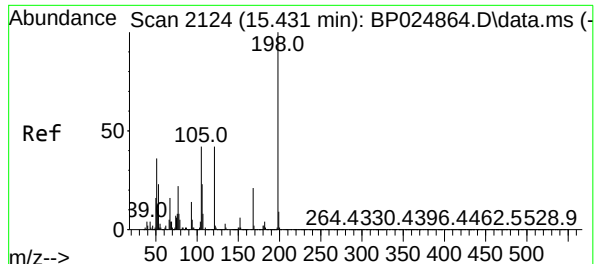
Tgt Ion: 77 Resp: 3426736
Ion Ratio Lower Upper
77 100
182 25.8 5.4 45.4
105 21.2 0.8 40.8
51 27.9 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion: 188 Resp: 1282325
Ion Ratio Lower Upper
188 100
94 9.2 7.3 10.9
80 10.3 8.5 12.7

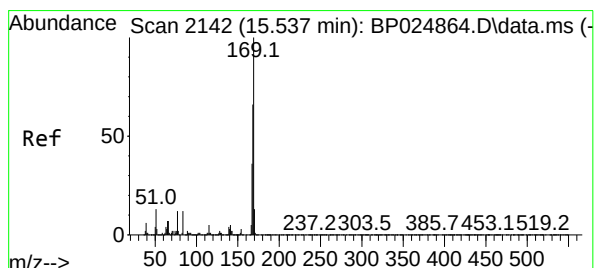
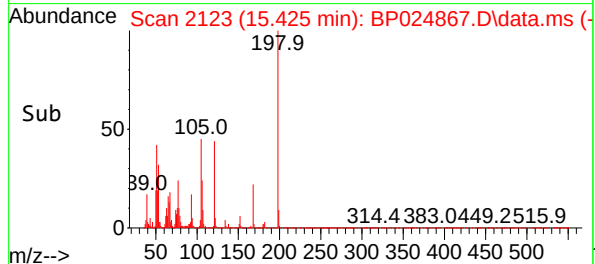
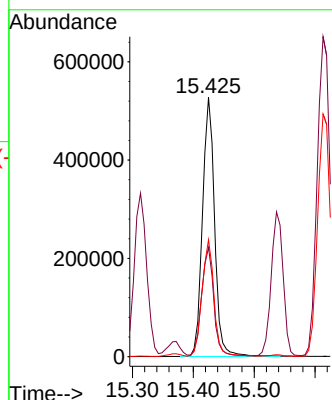
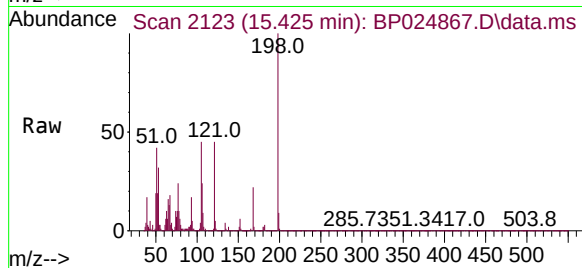




#65
4,6-Dinitro-2-methylphenol
Concen: 86.490 ng
RT: 15.425 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

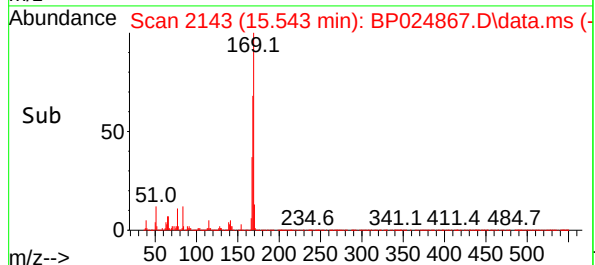
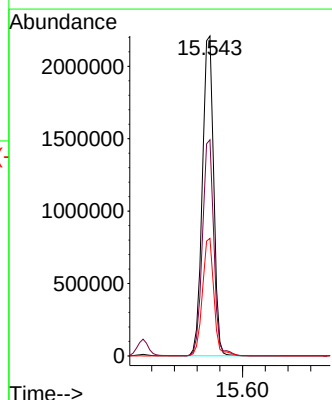
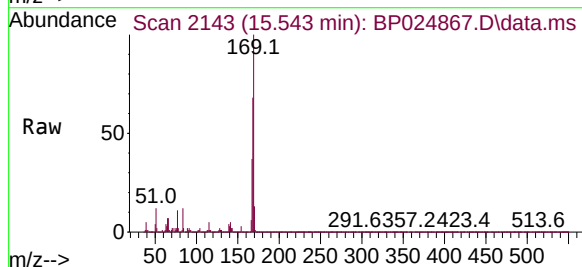
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

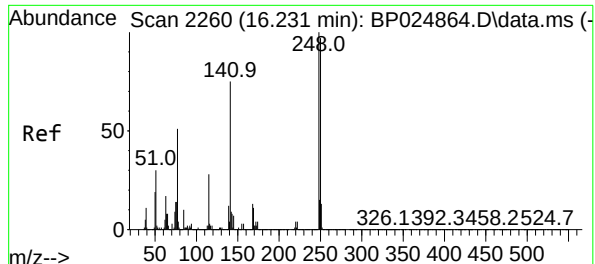
Tgt Ion:198 Resp: 728771
Ion Ratio Lower Upper
198 100
51 42.1 19.2 59.2
105 45.1 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 76.603 ng
RT: 15.543 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:169 Resp: 3044661
Ion Ratio Lower Upper
169 100
168 67.5 53.0 79.6
167 36.7 28.6 43.0

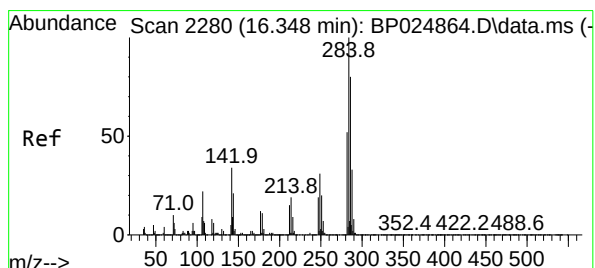
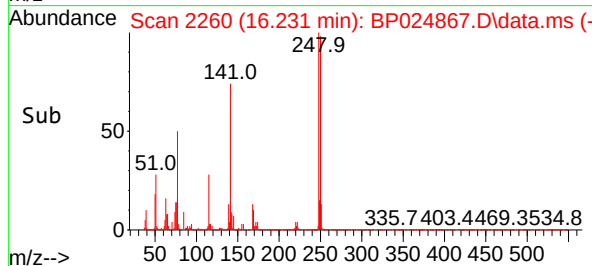
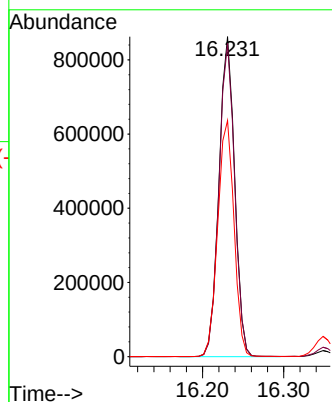
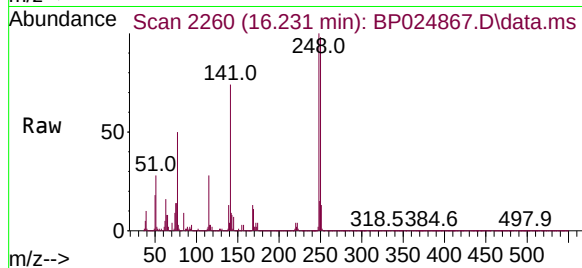




#67
4-Bromophenyl-phenylether
Concen: 80.026 ng
RT: 16.231 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

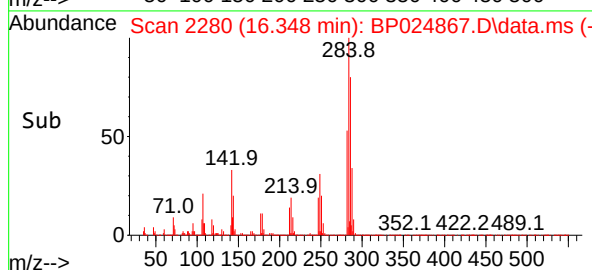
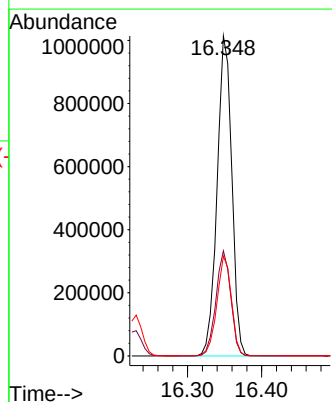
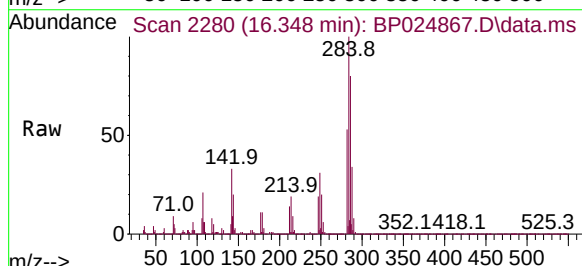
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

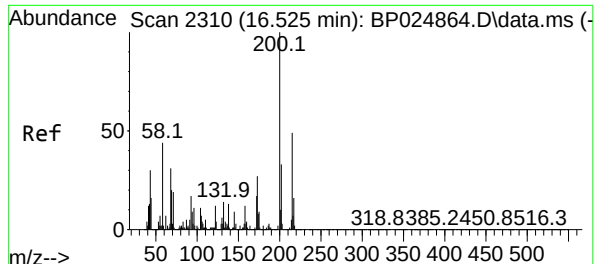
Tgt Ion:248 Resp: 1157878
Ion Ratio Lower Upper
248 100
250 97.8 77.4 116.2
141 73.8 59.9 89.9



#68
Hexachlorobenzene
Concen: 79.535 ng
RT: 16.348 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:284 Resp: 1395074
Ion Ratio Lower Upper
284 100
142 32.8 27.0 40.6
249 31.2 25.0 37.6

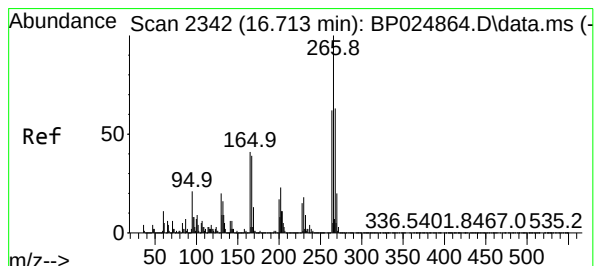
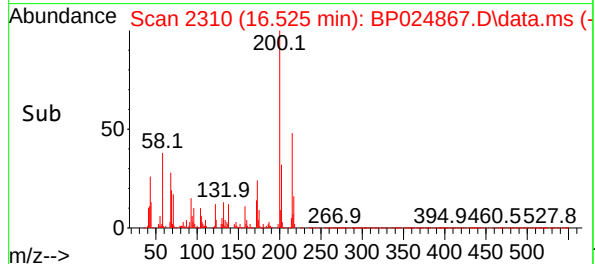
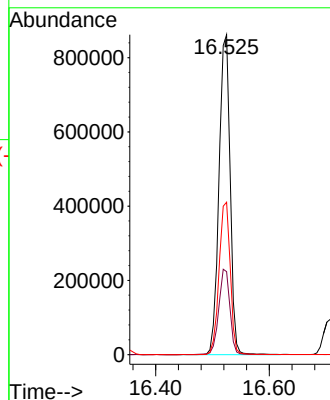
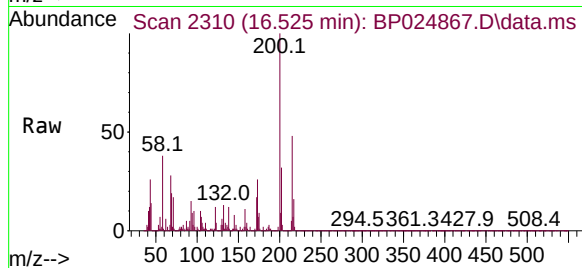




#69
Atrazine
Concen: 81.114 ng
RT: 16.525 min Scan# 2310
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

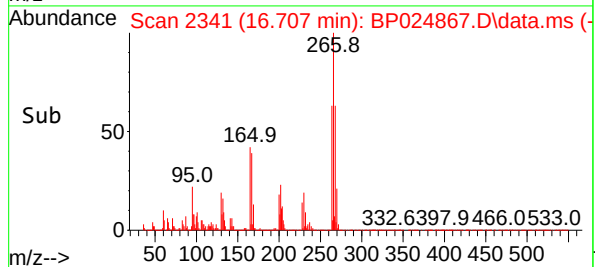
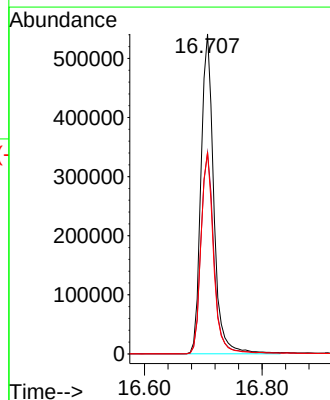
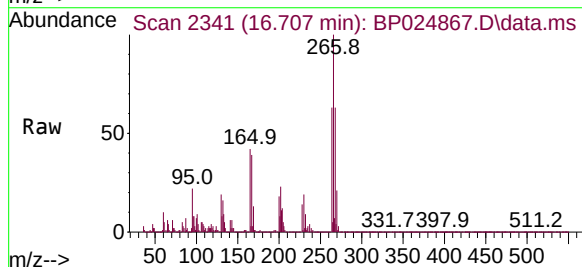
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

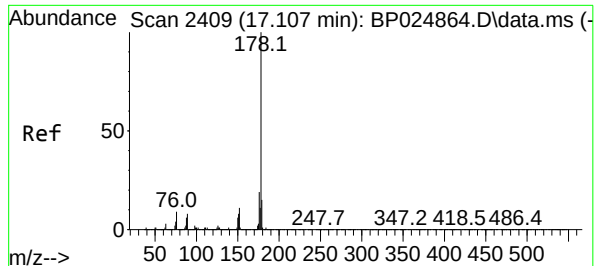
Tgt Ion:200 Resp: 1168753
Ion Ratio Lower Upper
200 100
173 25.9 6.9 46.9
215 47.6 28.7 68.7



#70
Pentachlorophenol
Concen: 90.003 ng
RT: 16.707 min Scan# 2341
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:266 Resp: 817045
Ion Ratio Lower Upper
266 100
268 62.9 50.6 76.0
264 63.0 49.7 74.5

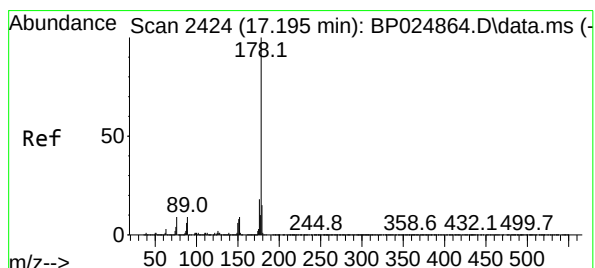
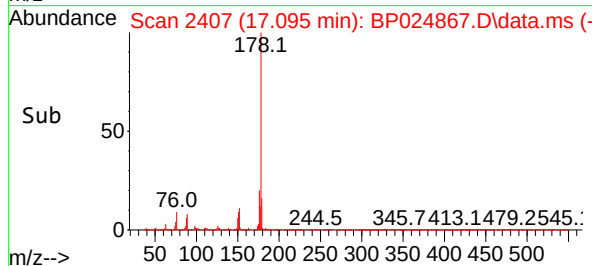
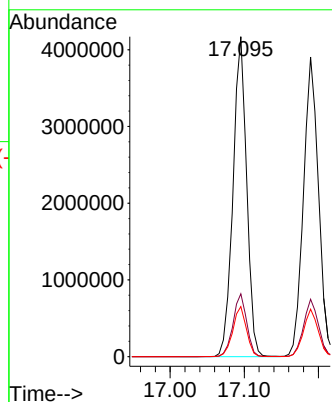
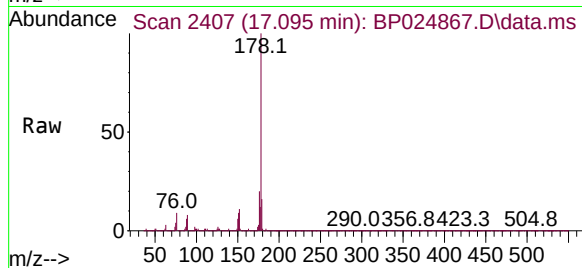




#71
Phenanthrene
Concen: 75.365 ng
RT: 17.095 min Scan# 2409
Delta R.T. -0.012 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

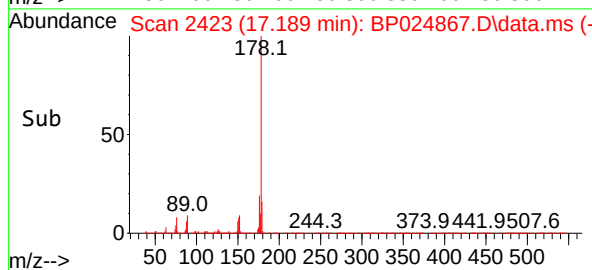
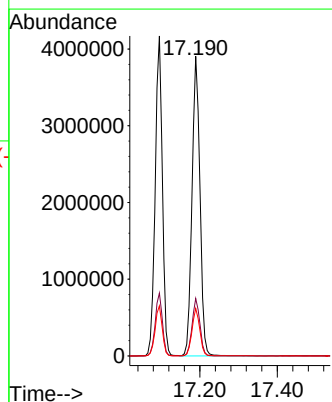
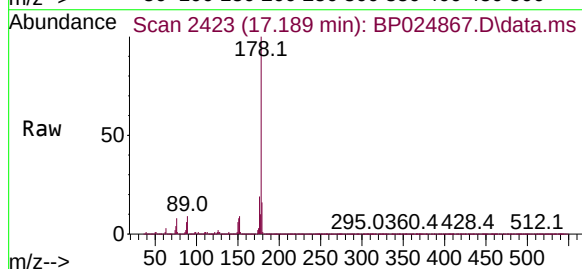
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

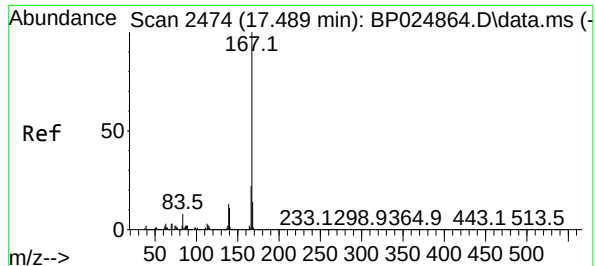
Tgt Ion:178 Resp: 5340604
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 15.6 12.1 18.1



#72
Anthracene
Concen: 77.415 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:178 Resp: 5555906
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 15.8 12.3 18.5

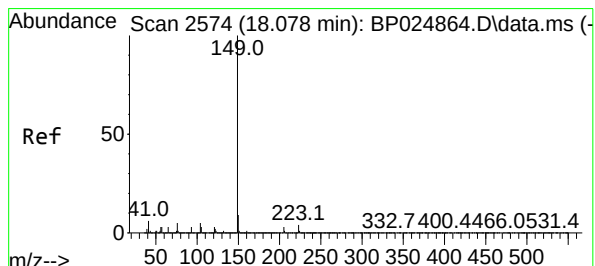
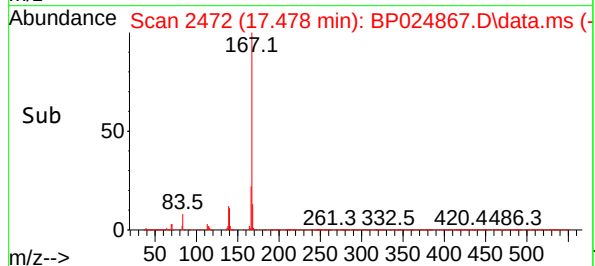
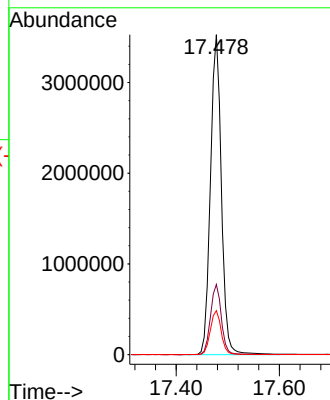
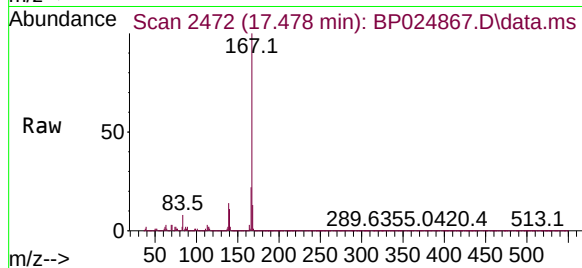




#73
Carbazole
Concen: 77.661 ng
RT: 17.478 min Scan# 2472
Delta R.T. -0.012 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

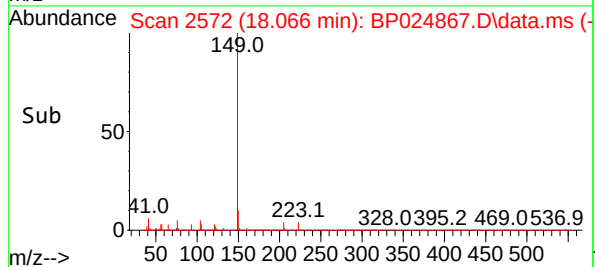
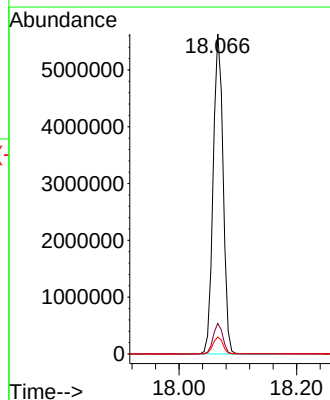
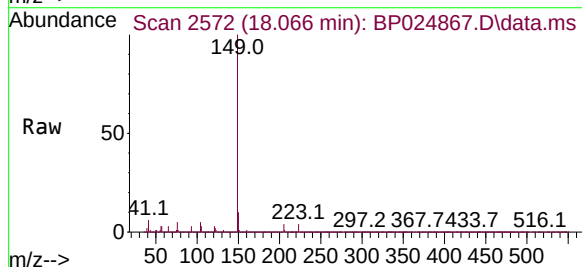
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

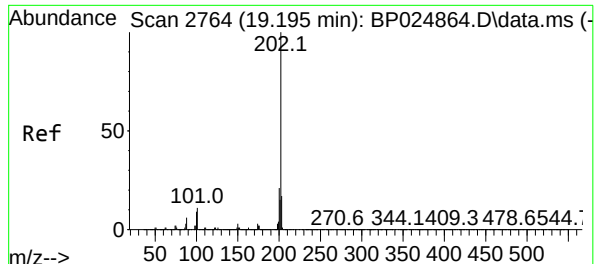
Tgt Ion:167 Resp: 5166153
Ion Ratio Lower Upper
167 100
166 22.0 17.3 25.9
139 13.7 10.8 16.2



#74
Di-n-butylphthalate
Concen: 79.879 ng
RT: 18.066 min Scan# 2572
Delta R.T. -0.012 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:149 Resp: 6583572
Ion Ratio Lower Upper
149 100
150 9.6 7.4 11.2
104 5.3 4.2 6.2

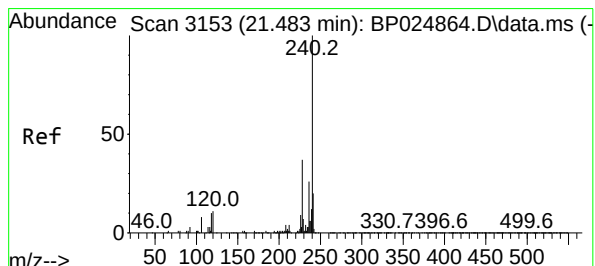
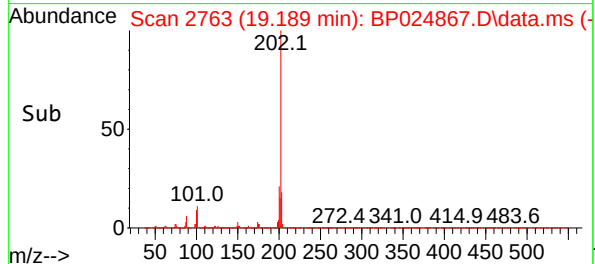
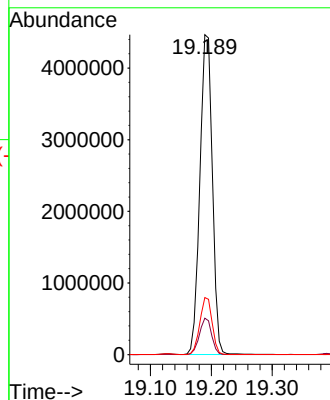
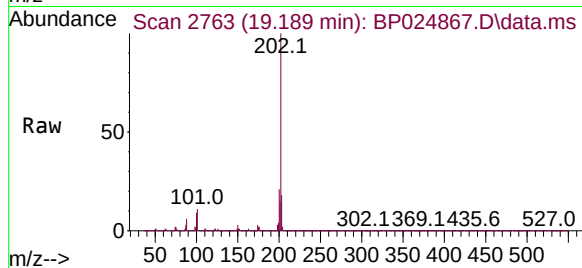




#75
Fluoranthene
Concen: 77.333 ng
RT: 19.189 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

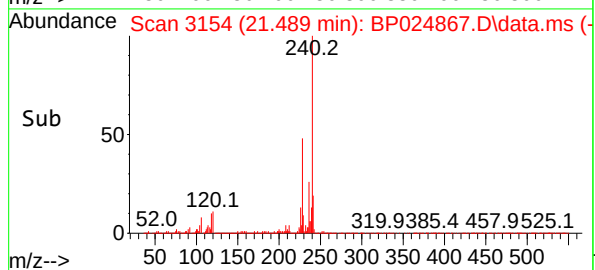
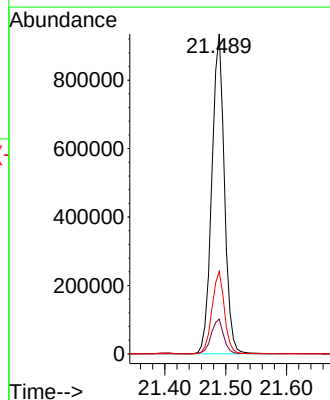
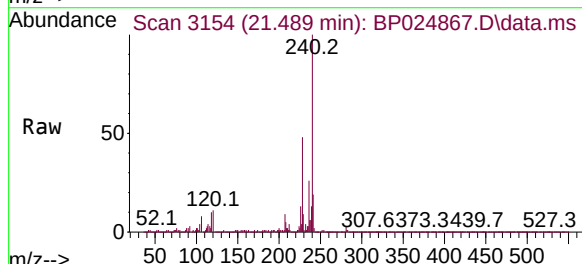
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

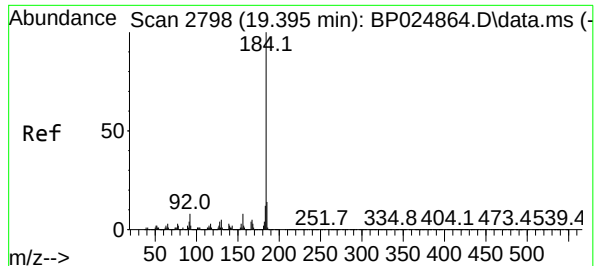
Tgt Ion:202 Resp: 6351620
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:240 Resp: 1346775
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.8 20.9 31.3

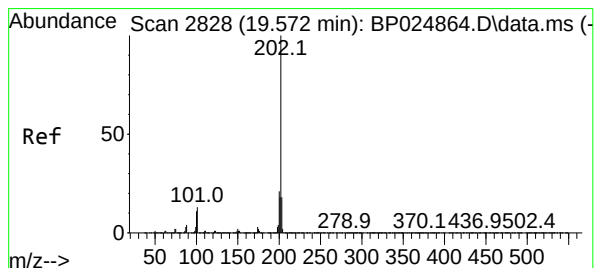
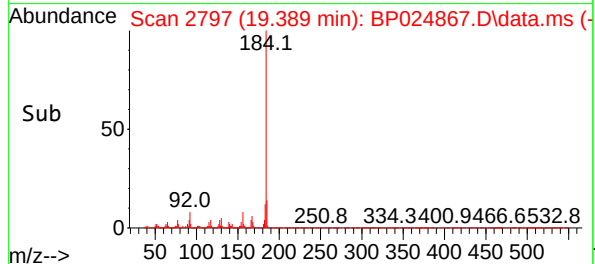
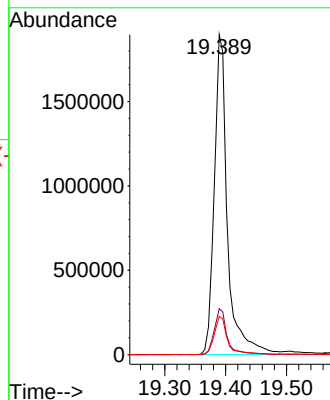
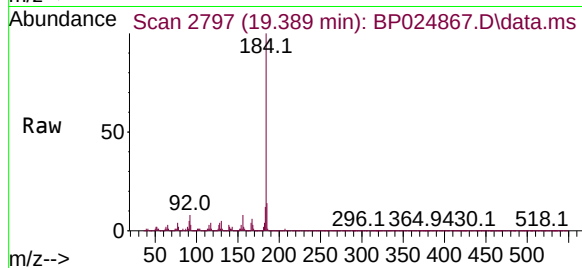




#77
Benzidine
Concen: 68.307 ng
RT: 19.389 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

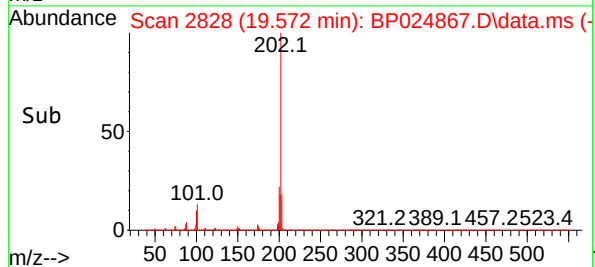
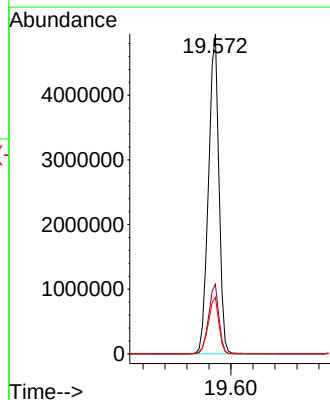
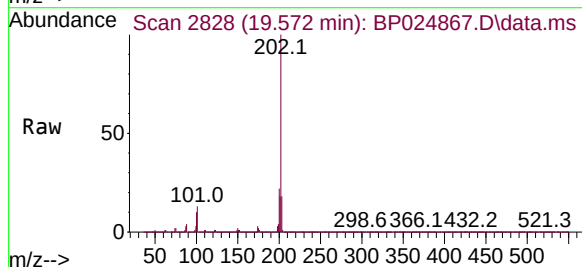
Instrument :
BNA_P
ClientSampleId :
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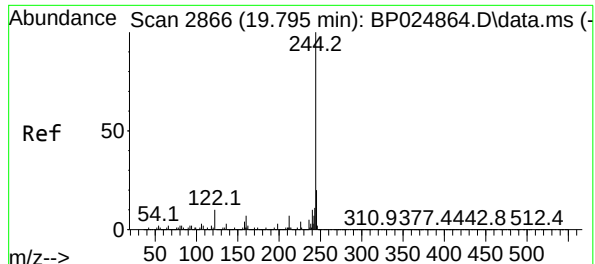
Tgt Ion:184 Resp: 2849177
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 11.9 9.5 14.3



#78
Pyrene
Concen: 77.229 ng
RT: 19.572 min Scan# 2828
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:202 Resp: 6497989
Ion Ratio Lower Upper
202 100
200 21.8 17.1 25.7
203 17.7 14.0 21.0

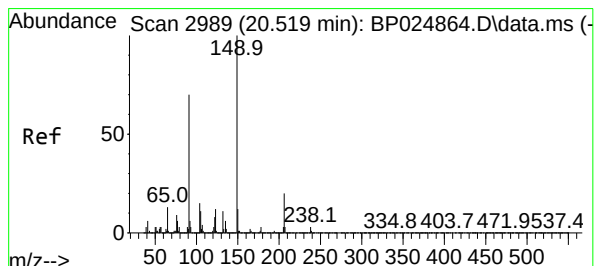
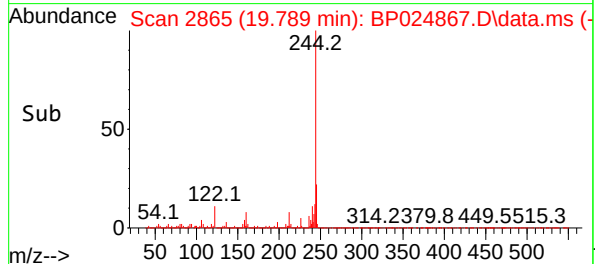
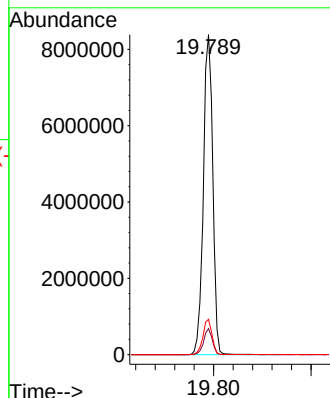
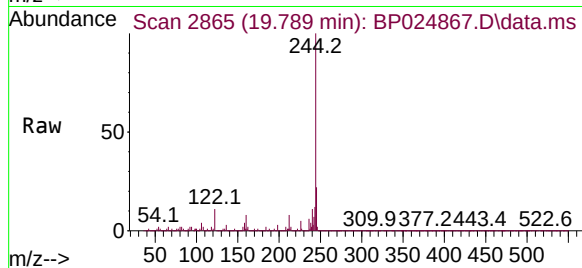




#79
Terphenyl-d14
Concen: 148.975 ng
RT: 19.789 min Scan# 2865
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

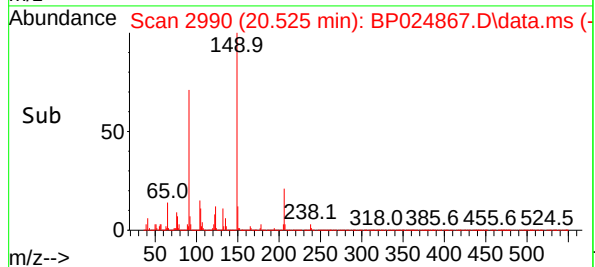
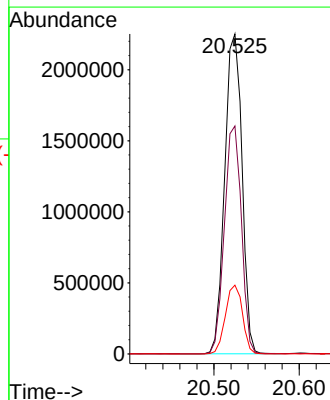
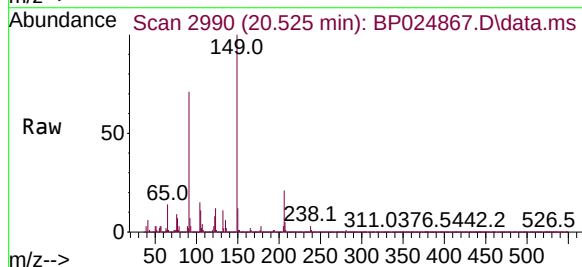
Instrument :
BNA_P
ClientSampleId :
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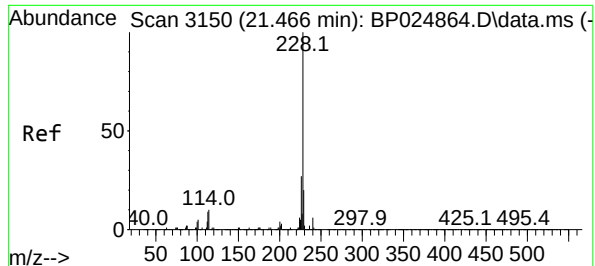
Tgt Ion:244 Resp:11194678
Ion Ratio Lower Upper
244 100
212 8.1 5.6 8.4
122 11.0 7.7 11.5



#80
Butylbenzylphthalate
Concen: 82.388 ng
RT: 20.525 min Scan# 2990
Delta R.T. 0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:149 Resp: 3175233
Ion Ratio Lower Upper
149 100
91 71.2 55.8 83.8
206 21.5 16.2 24.2

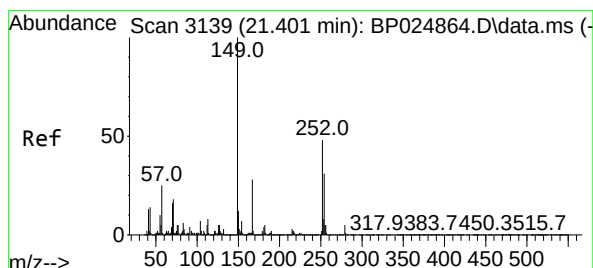
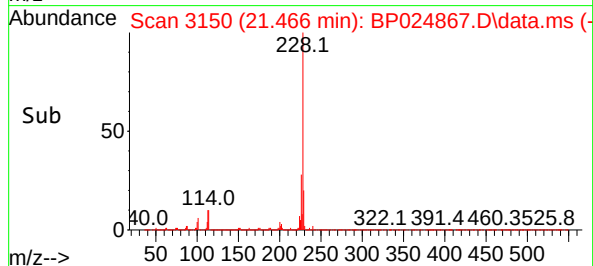
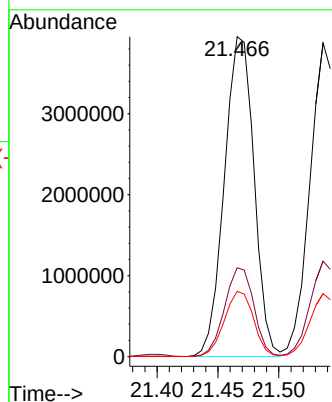
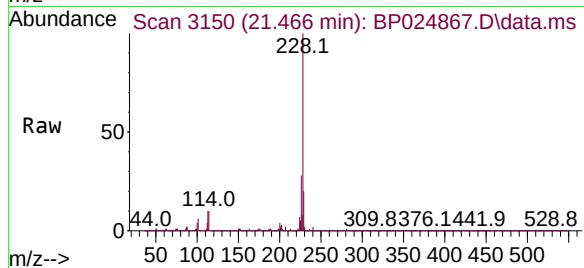




#81
Benzo(a)anthracene
Concen: 77.741 ng
RT: 21.466 min Scan# 3150
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

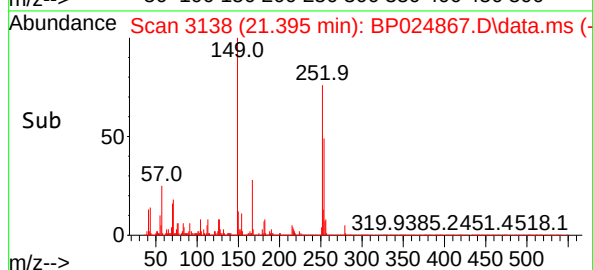
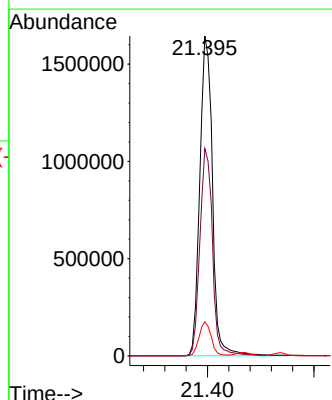
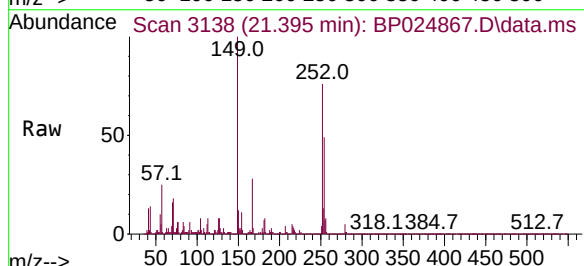
Instrument :
BNA_P
ClientSampleId :
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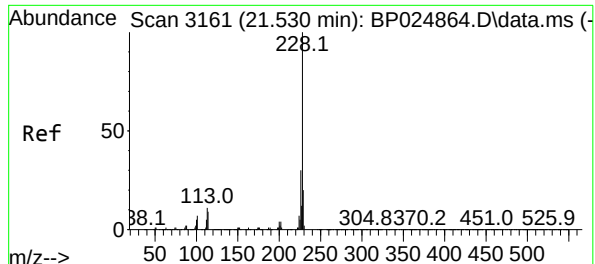
Tgt Ion:228 Resp: 6696396
Ion Ratio Lower Upper
228 100
226 27.8 22.1 33.1
229 20.4 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 78.907 ng
RT: 21.395 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:252 Resp: 2698352
Ion Ratio Lower Upper
252 100
254 64.8 51.2 76.8
126 10.6 8.6 12.8





#83

Chrysene

Concen: 77.125 ng

RT: 21.536 min Scan# 3161

Delta R.T. 0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

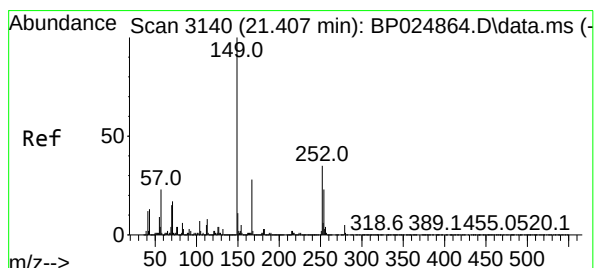
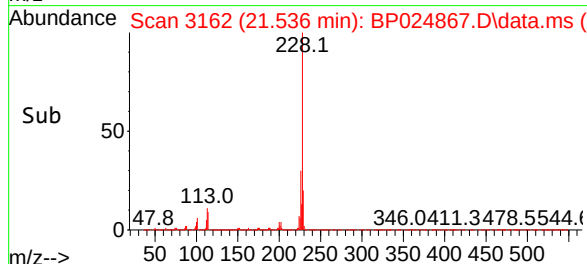
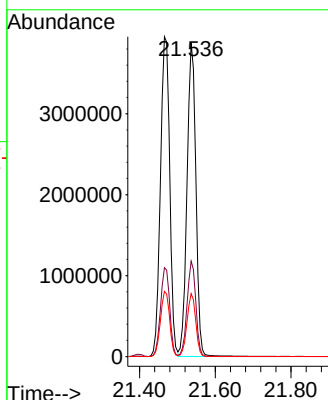
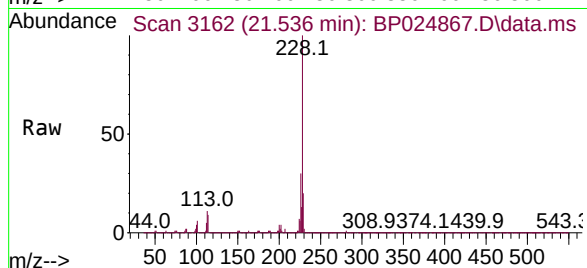
Tgt Ion:228 Resp: 6294743

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.6

229 20.1 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 82.917 ng

RT: 21.407 min Scan# 3140

Delta R.T. 0.000 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

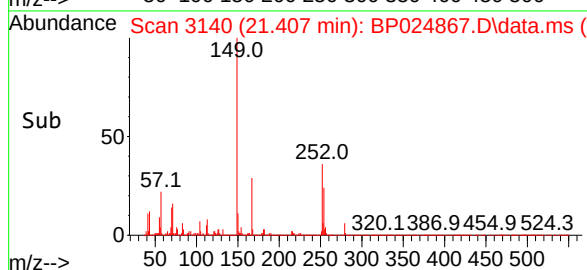
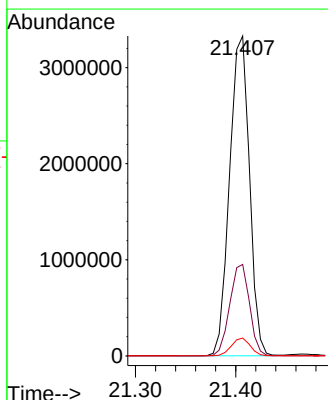
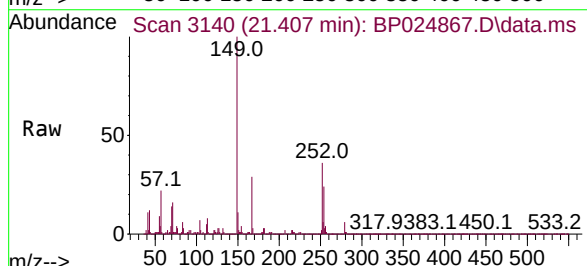
Tgt Ion:149 Resp: 4578538

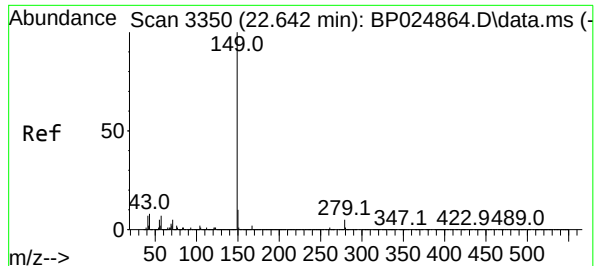
Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.4

279 5.6 4.0 6.0

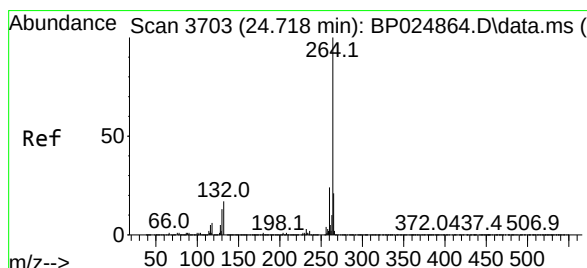
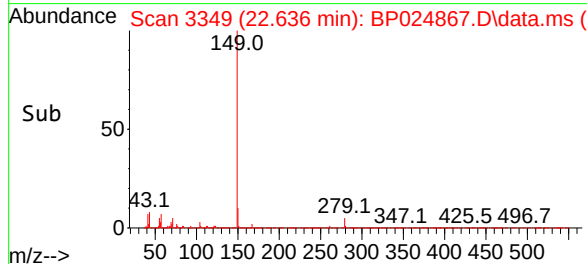
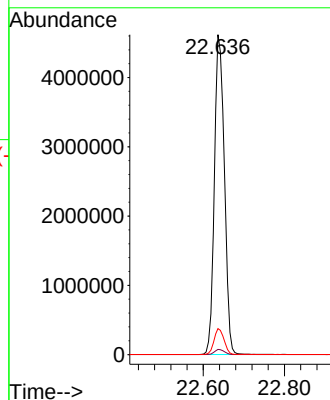
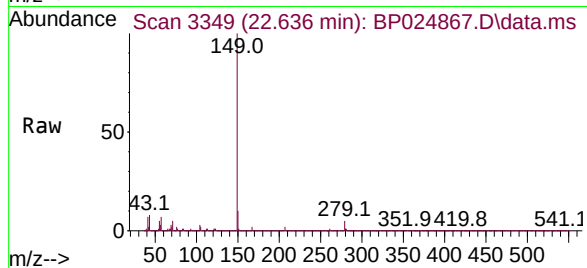




#85
Di-n-octyl phthalate
Concen: 81.539 ng
RT: 22.636 min Scan# 3350
Delta R.T. -0.006 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

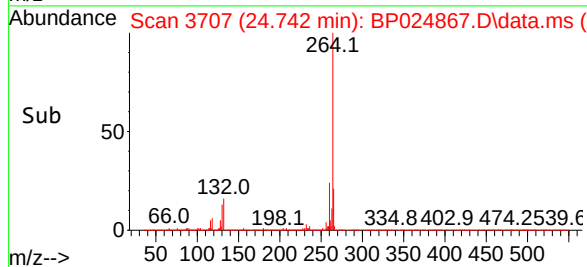
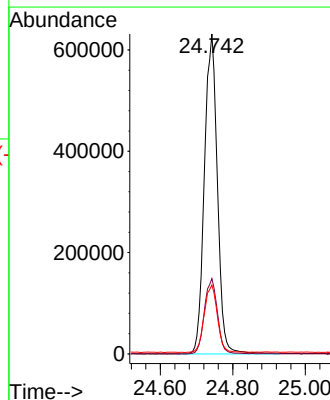
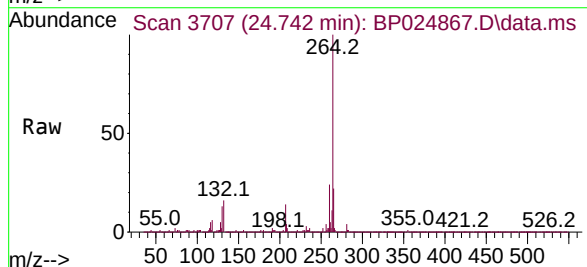
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

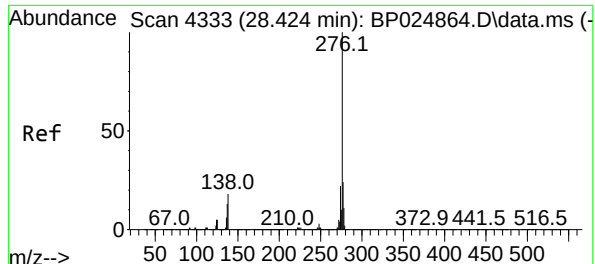
Tgt Ion:149 Resp: 7936082
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.1 6.6 10.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.742 min Scan# 3707
Delta R.T. 0.024 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:264 Resp: 1568664
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 21.5 17.4 26.0

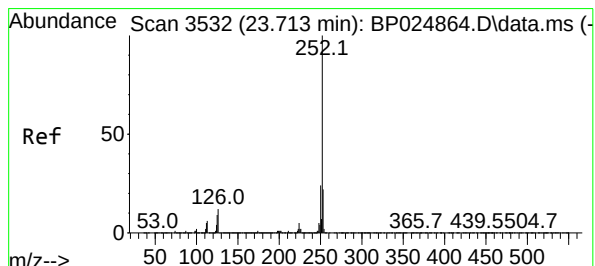
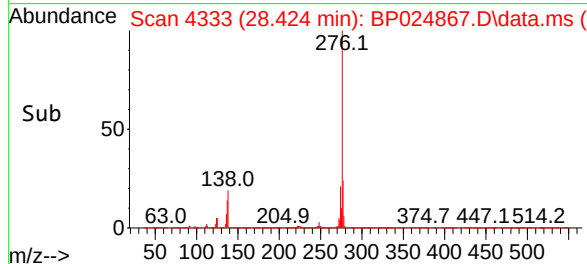
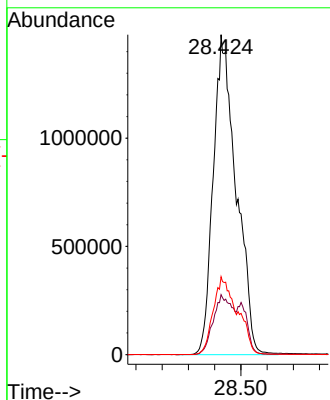
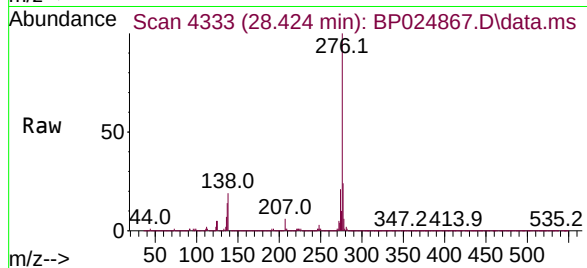




#87
Indeno(1,2,3-cd)pyrene
Concen: 78.751 ng
RT: 28.424 min Scan# 4333
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

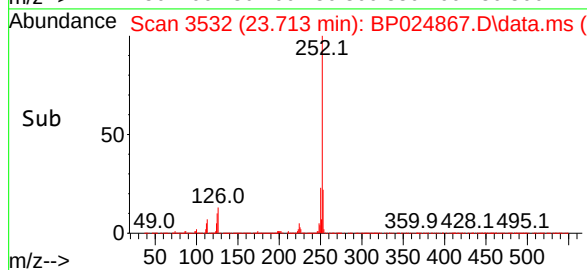
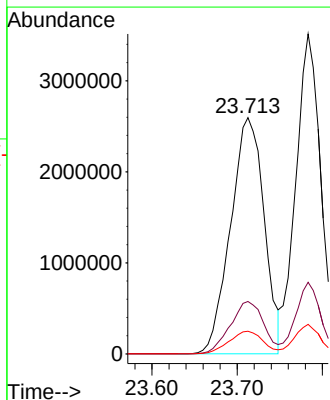
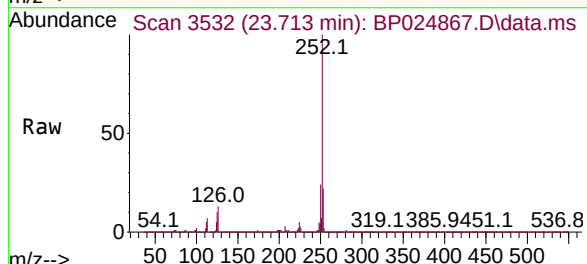
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

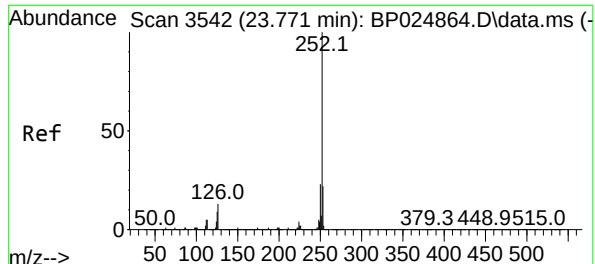
Tgt Ion:276 Resp: 9013339
Ion Ratio Lower Upper
276 100
138 16.1 18.6 27.8#
277 25.4 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 79.224 ng
RT: 23.713 min Scan# 3532
Delta R.T. 0.000 min
Lab File: BP024867.D
Acq: 06 Jun 2025 15:18

Tgt Ion:252 Resp: 7112180
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.6 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 78.564 ng

RT: 23.783 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

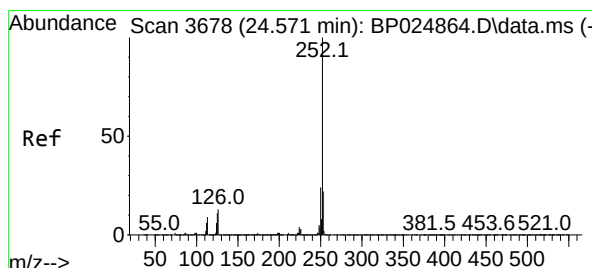
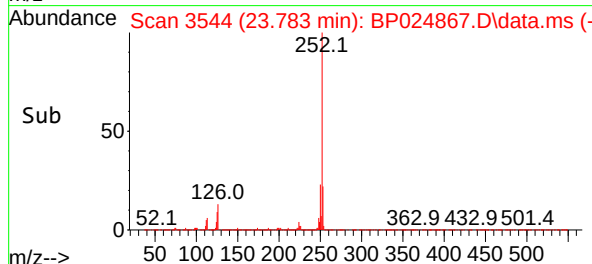
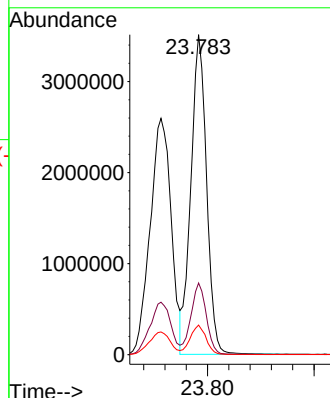
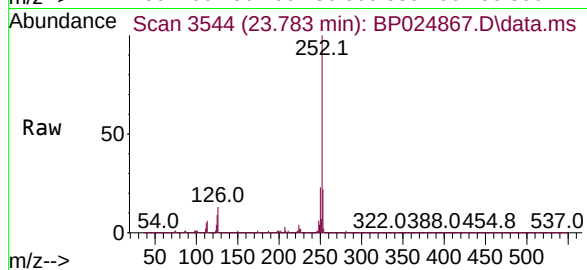
Tgt Ion:252 Resp: 7179421

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 9.3 7.4 11.0



#90

Benzo(a)pyrene

Concen: 79.653 ng

RT: 24.595 min Scan# 3682

Delta R.T. 0.024 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

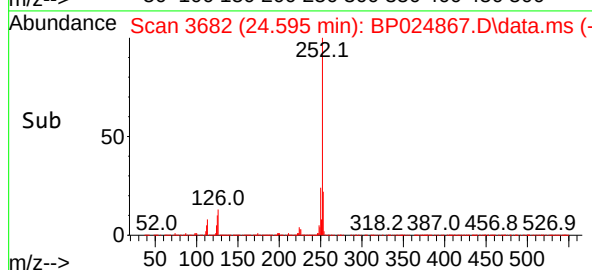
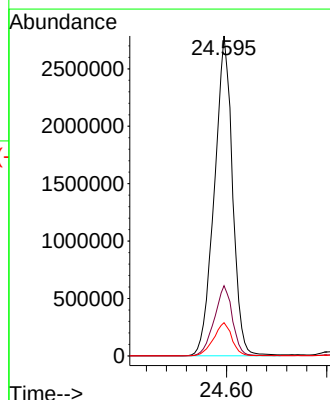
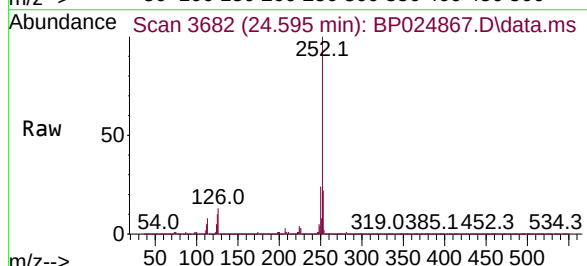
Tgt Ion:252 Resp: 6983429

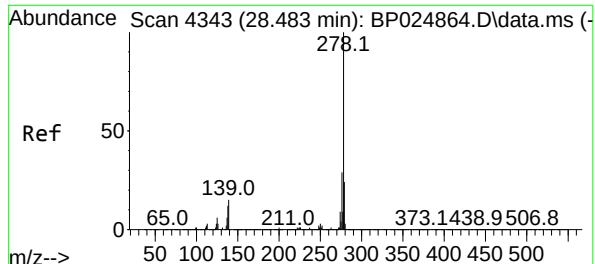
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.4 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 78.965 ng

RT: 28.501 min Scan# 4343

Delta R.T. 0.018 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

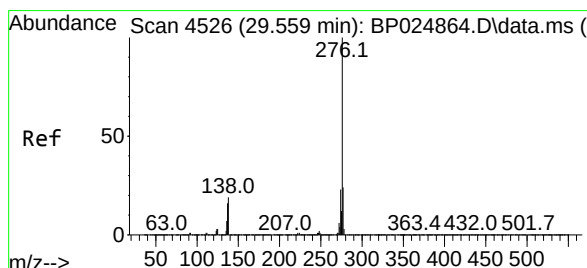
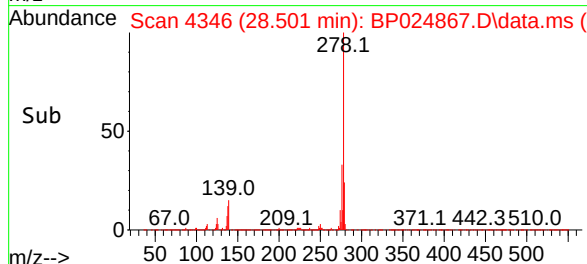
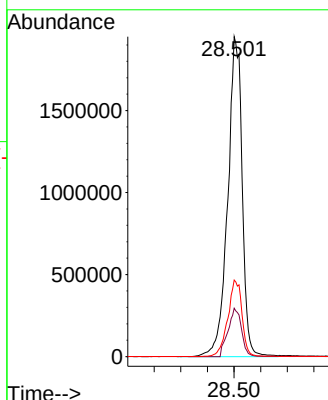
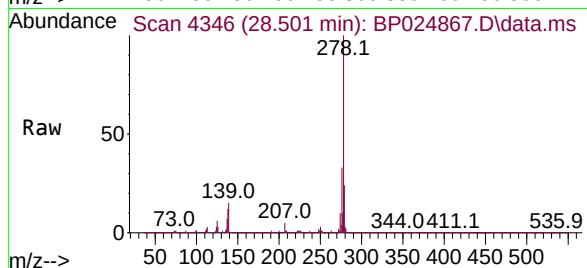
Tgt Ion:278 Resp: 7356566

Ion Ratio Lower Upper

278 100

139 15.1 12.0 18.0

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 78.545 ng

RT: 29.554 min Scan# 4525

Delta R.T. -0.006 min

Lab File: BP024867.D

Acq: 06 Jun 2025 15:18

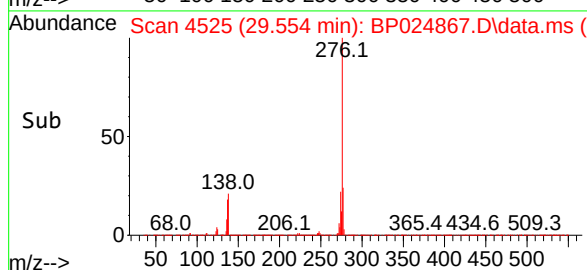
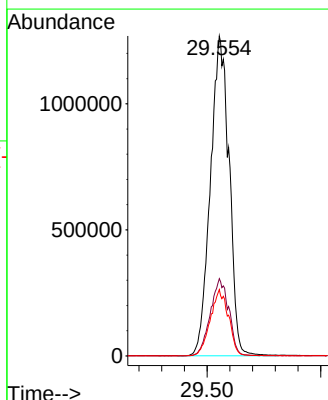
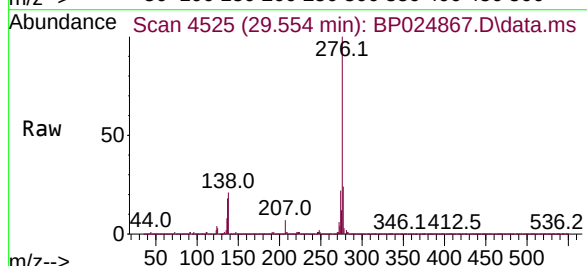
Tgt Ion:276 Resp: 7260298

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 20.7 15.4 23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024868.D
 Acq On : 06 Jun 2025 17:09
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 17:28:57 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 06 16:20:27 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.596	152	259470	20.000	ng	-0.02
21) Naphthalene-d8	10.366	136	1129880	20.000	ng	-0.01
39) Acenaphthene-d10	14.248	164	734874	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1466437	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1557824	20.000	ng	0.00
86) Perylene-d12	24.736	264	1860226	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.231	112	1138471	73.239	ng	-0.01
7) Phenol-d6	6.802	99	1573129	76.488	ng	-0.01
23) Nitrobenzene-d5	8.749	82	1561363	67.150	ng	-0.01
42) 2,4,6-Tribromophenol	15.778	330	743311	73.160	ng	0.00
45) 2-Fluorobiphenyl	12.848	172	3405857	62.434	ng	-0.01
79) Terphenyl-d14	19.789	244	5436960	62.551	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	241705	35.338	ng	98
3) Pyridine	3.555	79	659477	40.092	ng	98
4) n-Nitrosodimethylamine	3.467	42	278482	41.411	ng	94
6) Aniline	6.937	93	1054913	40.192	ng	100
8) 2-Chlorophenol	7.172	128	687858	39.034	ng	97
9) Benzaldehyde	6.755	77	576121m	48.599	ng	
10) Phenol	6.825	94	845877	39.895	ng	98
11) bis(2-Chloroethyl)ether	7.031	93	656501	39.368	ng	99
12) 1,3-Dichlorobenzene	7.490	146	735256	37.402	ng	99
13) 1,4-Dichlorobenzene	7.631	146	742188	37.417	ng	99
14) 1,2-Dichlorobenzene	7.943	146	722064	37.071	ng	99
15) Benzyl Alcohol	7.843	79	644939	40.859	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.125	45	849644	38.927	ng	98
17) 2-Methylphenol	8.055	107	591959	39.981	ng	98
18) Hexachloroethane	8.660	117	277433	37.151	ng	98
19) n-Nitroso-di-n-propyla...	8.402	70	559389	40.009	ng	99
20) 3+4-Methylphenols	8.384	107	797217	39.466	ng	99
22) Acetophenone	8.419	105	1100455	38.549	ng	# 99
24) Nitrobenzene	8.790	77	810932	39.258	ng	99
25) Isophorone	9.313	82	1576033	39.109	ng	99
26) 2-Nitrophenol	9.496	139	403179	39.558	ng	99
27) 2,4-Dimethylphenol	9.566	122	676106	38.761	ng	99
28) bis(2-Chloroethoxy)met...	9.784	93	921897	38.351	ng	99
29) 2,4-Dichlorophenol	10.043	162	653496	39.046	ng	99
30) 1,2,4-Trichlorobenzene	10.231	180	689288	36.514	ng	100
31) Naphthalene	10.413	128	2147539	37.089	ng	100
32) Benzoic acid	9.749	122	476446	40.420	ng	99
33) 4-Chloroaniline	10.543	127	960185	39.581	ng	99
34) Hexachlorobutadiene	10.696	225	413168	36.314	ng	100
35) Caprolactam	11.337	113	254008	41.229	ng	98
36) 4-Chloro-3-methylphenol	11.690	107	781340	40.474	ng	100
37) 2-Methylnaphthalene	12.037	142	1411483	38.430	ng	99
38) 1-Methylnaphthalene	12.254	142	1479329	37.674	ng	97
40) 1,2,4,5-Tetrachloroben...	12.413	216	774379	37.136	ng	100
41) Hexachlorocyclopentadiene	12.384	237	485560	38.177	ng	97
43) 2,4,6-Trichlorophenol	12.666	196	543521	38.812	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024868.D
 Acq On : 06 Jun 2025 17:09
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP060625

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/09/2025
 Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 17:28:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	585859	39.064	ng	99
46) 1,1'-Biphenyl	13.066	154	2002791	37.502	ng	99
47) 2-Chloronaphthalene	13.107	162	1514031	36.886	ng	100
48) 2-Nitroaniline	13.331	65	515024	40.813	ng	99
49) Acenaphthylene	13.966	152	2551023	37.274	ng	100
50) Dimethylphthalate	13.707	163	2015820	37.185	ng	99
51) 2,6-Dinitrotoluene	13.831	165	445393	38.111	ng	95
52) Acenaphthene	14.313	154	1469566	37.472	ng	98
53) 3-Nitroaniline	14.172	138	492714	40.626	ng	100
54) 2,4-Dinitrophenol	14.401	184	266900	38.197	ng	98
55) Dibenzofuran	14.660	168	2304340	36.605	ng	98
56) 4-Nitrophenol	14.531	139	362887	38.363	ng	94
57) 2,4-Dinitrotoluene	14.637	165	636513	38.936	ng	99
58) Fluorene	15.319	166	1883765	37.043	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.901	232	514561	38.401	ng	100
60) Diethylphthalate	15.101	149	2033664	37.642	ng	99
61) 4-Chlorophenyl-phenyle...	15.313	204	915384	36.814	ng	98
62) 4-Nitroaniline	15.366	138	464418	42.233	ng	99
63) Azobenzene	15.619	77	1893664	38.217	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	375376	38.956	ng	97
66) n-Nitrosodiphenylamine	15.542	169	1674745	36.846	ng	99
67) 4-Bromophenyl-phenylether	16.237	248	593842	35.890	ng	98
68) Hexachlorobenzene	16.348	284	725771	36.182	ng	100
69) Atrazine	16.531	200	611440	37.108	ng	99
70) Pentachlorophenol	16.719	266	407441	39.247	ng	99
71) Phenanthrene	17.107	178	2965530	36.595	ng	99
72) Anthracene	17.207	178	3028697	36.903	ng	99
73) Carbazole	17.489	167	2872120	37.755	ng	100
74) Di-n-butylphthalate	18.072	149	3440228	36.500	ng	100
75) Fluoranthene	19.195	202	3413021	36.337	ng	100
77) Benzidine	19.395	184	2156506	44.696	ng	100
78) Pyrene	19.572	202	3527120	36.241	ng	99
80) Butylbenzylphthalate	20.519	149	1664895	37.347	ng	99
81) Benzo(a)anthracene	21.472	228	3660732	36.741	ng	100
82) 3,3'-Dichlorobenzidine	21.395	252	1487801	37.613	ng	98
83) Chrysene	21.536	228	3438391	36.421	ng	99
84) Bis(2-ethylhexyl)phtha...	21.407	149	2365859	37.041	ng	100
85) Di-n-octyl phthalate	22.642	149	4126479	36.654	ng	100
87) Indeno(1,2,3-cd)pyrene	28.436	276	5100289	37.578	ng	100
88) Benzo(b)fluoranthene	23.718	252	3910900	36.735	ng	99
89) Benzo(k)fluoranthene	23.795	252	3904662	36.032	ng	100
90) Benzo(a)pyrene	24.595	252	3839776	36.932	ng	100
91) Dibenzo(a,h)anthracene	28.501	278	4123111	37.321	ng	99
92) Benzo(g,h,i)perylene	29.577	276	4097986	37.385	ng	99

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

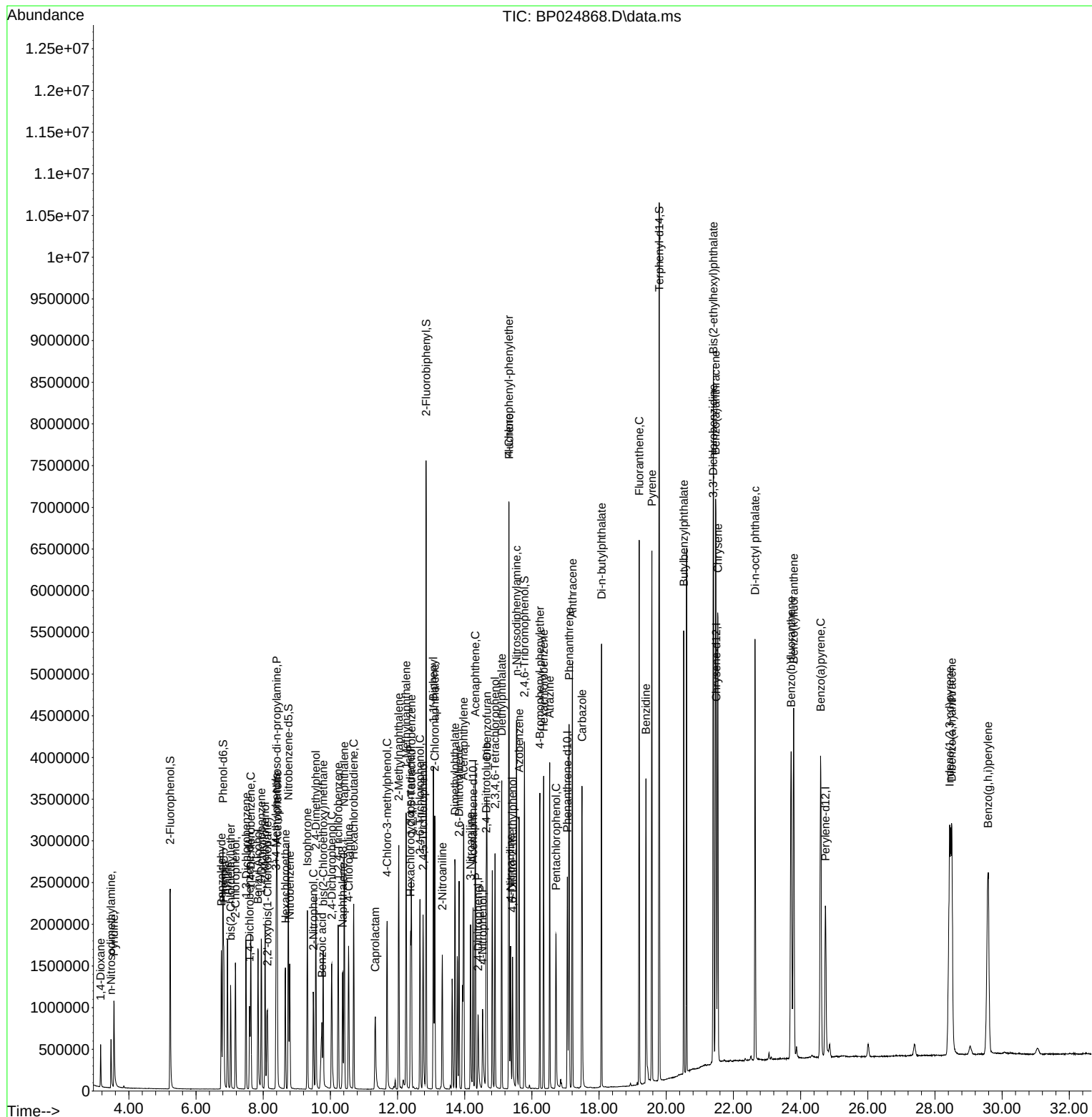
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Data File : BP024868.D  
Acq On    : 06 Jun 2025  17:09  
Operator  : RC/JU  
Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 10    Sample Multiplier: 1
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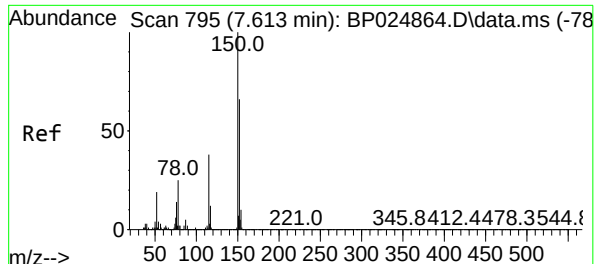
Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

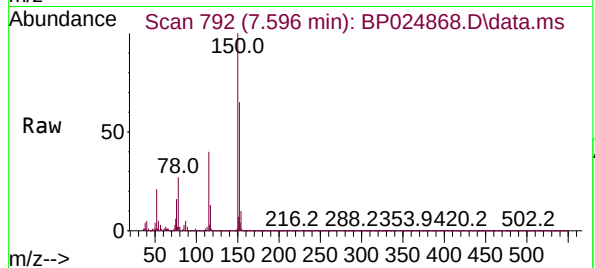
Quant Time: Jun 06 17:28:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.596 min Scan# 795
Delta R.T. -0.017 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

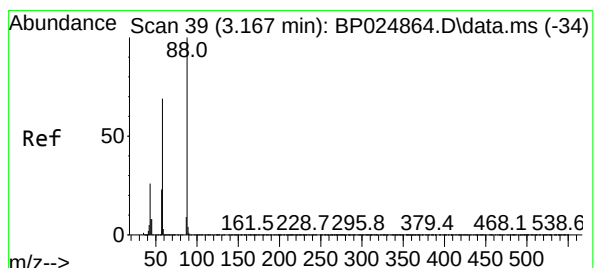
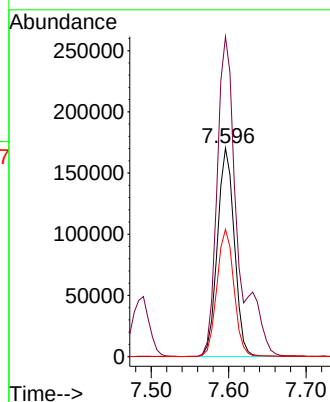
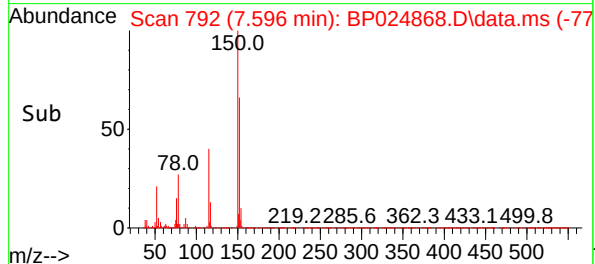
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion: 152 Resp: 259476
Ion Ratio Lower Upper
152 100
150 153.4 122.1 183.1
115 61.0 46.4 69.6

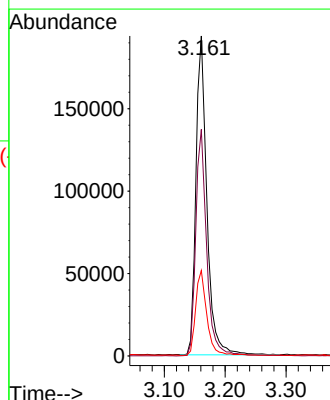
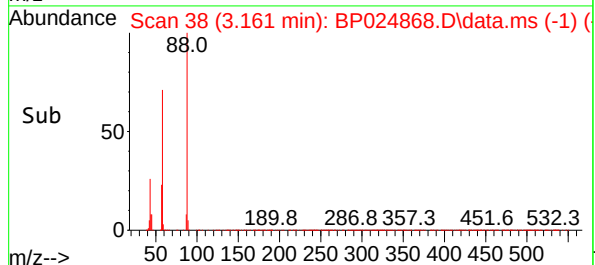
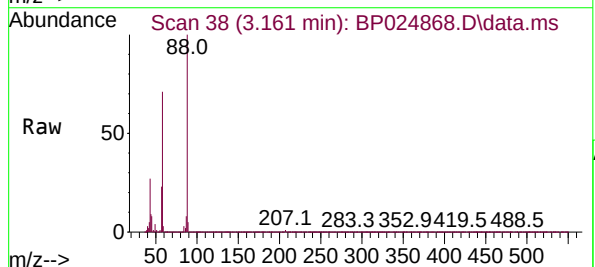
Manual Integrations
APPROVED

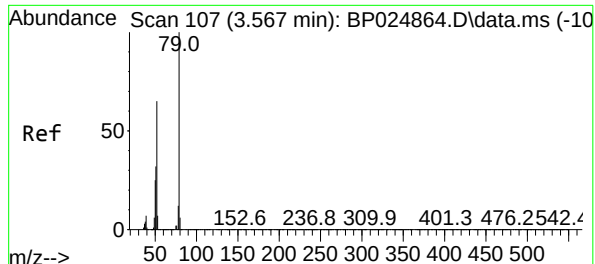
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#2
1,4-Dioxane
Concen: 35.338 ng
RT: 3.161 min Scan# 38
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

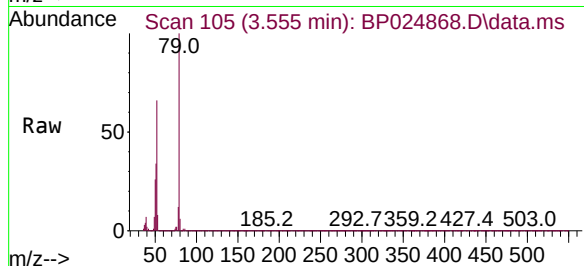
Tgt Ion: 88 Resp: 241705
Ion Ratio Lower Upper
88 100
58 71.0 55.4 83.0
43 27.0 20.8 31.2





#3
Pyridine
Concen: 40.092 ng
RT: 3.555 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

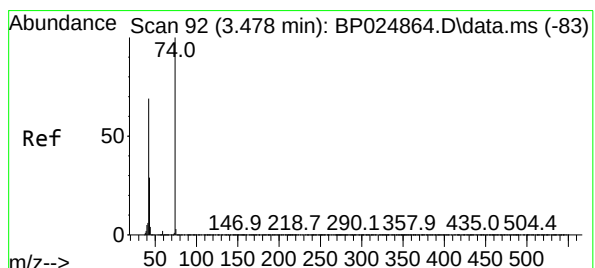
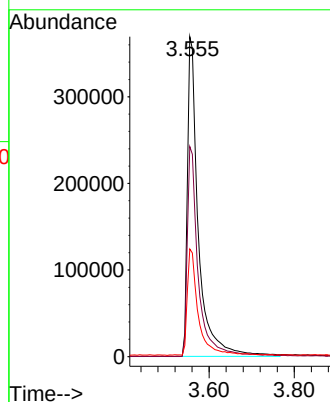
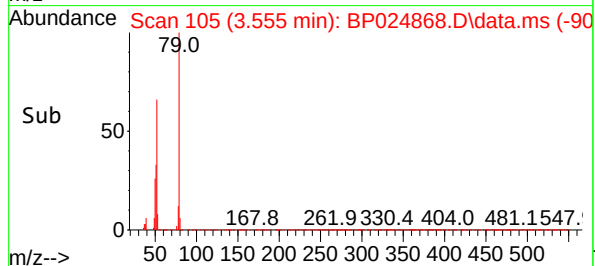
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion: 79 Resp: 65947
Ion Ratio Lower Upper
79 100
52 65.6 51.6 77.4
51 33.6 25.5 38.3

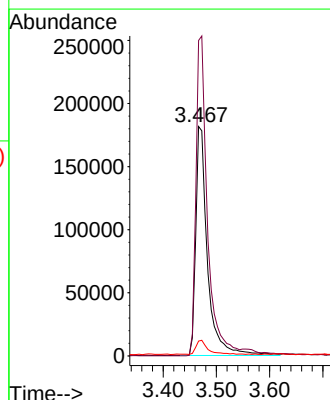
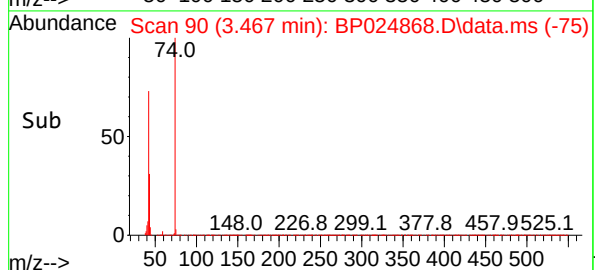
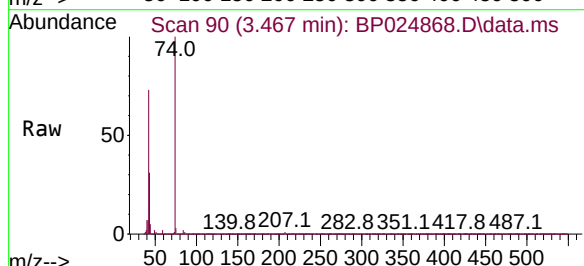
Manual Integrations
APPROVED

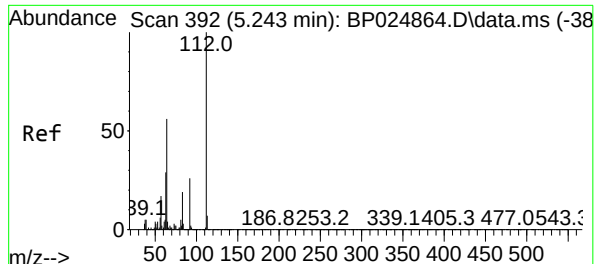
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#4
n-Nitrosodimethylamine
Concen: 41.411 ng
RT: 3.467 min Scan# 90
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion: 42 Resp: 278482
Ion Ratio Lower Upper
42 100
74 137.6 116.6 174.8
44 6.4 5.4 8.0





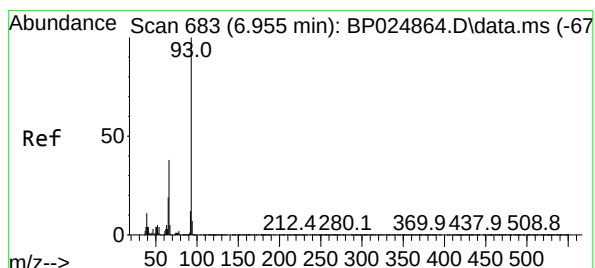
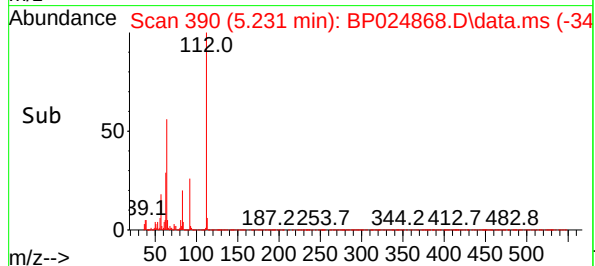
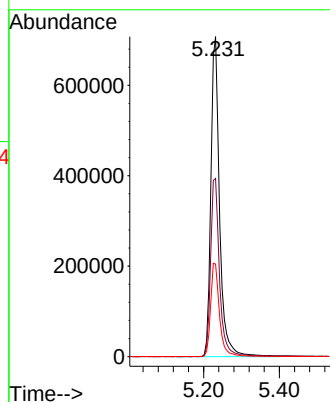
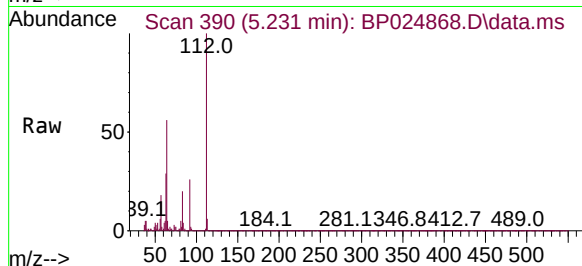
#5
2-Fluorophenol
Concen: 73.239 ng
RT: 5.231 min Scan# 39
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Tgt Ion: 112 Resp: 113847
Ion Ratio Lower Upper
112 100
64 55.7 44.7 67.1
63 28.9 23.5 35.3

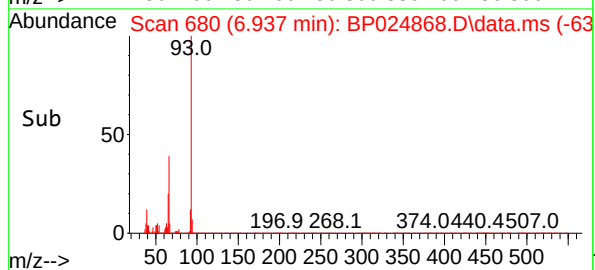
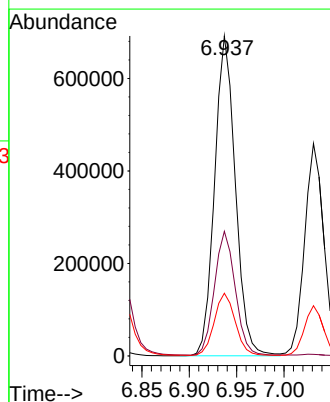
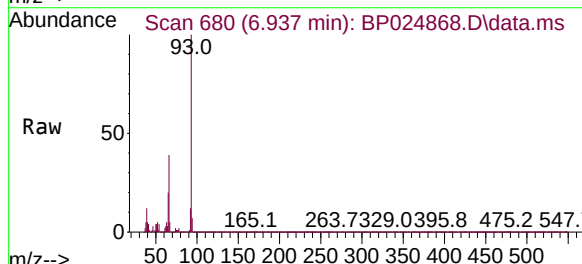
Manual Integrations
APPROVED

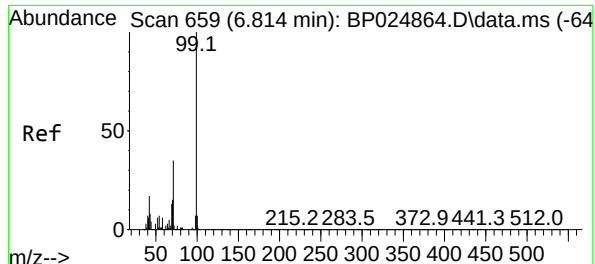
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#6
Aniline
Concen: 40.192 ng
RT: 6.937 min Scan# 680
Delta R.T. -0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

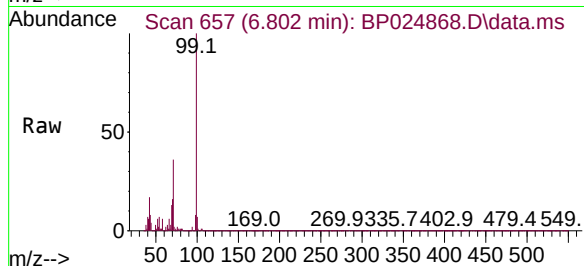
Tgt Ion: 93 Resp: 1054913
Ion Ratio Lower Upper
93 100
66 38.9 30.9 46.3
65 19.6 15.5 23.3





#7
Phenol-d6
Concen: 76.488 ng
RT: 6.802 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

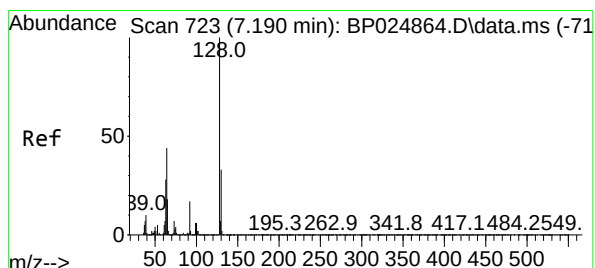
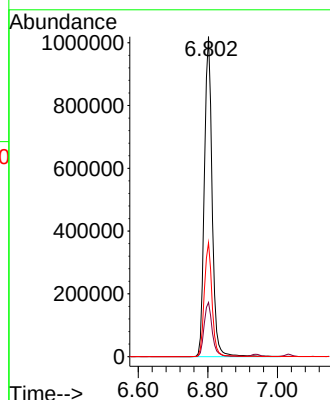
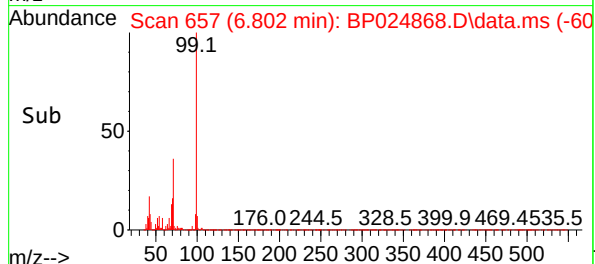
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion: 99 Resp: 1573129
Ion Ratio Lower Upper
99 100
42 16.9 13.4 20.2
71 35.6 27.6 41.4

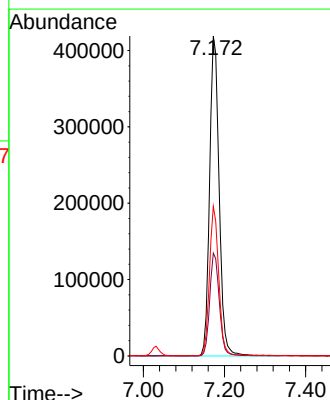
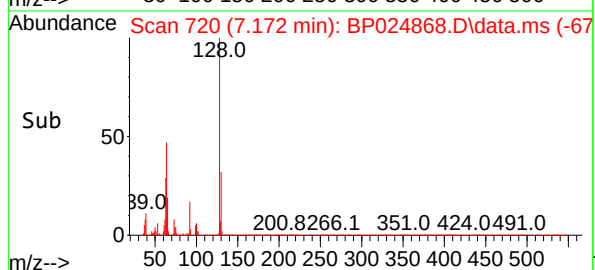
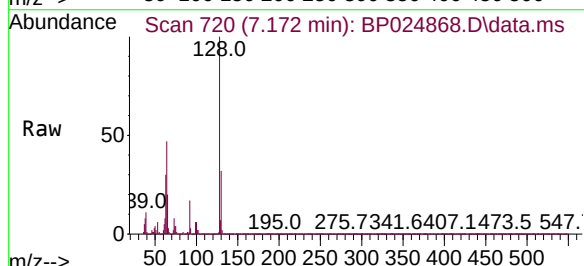
Manual Integrations
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Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

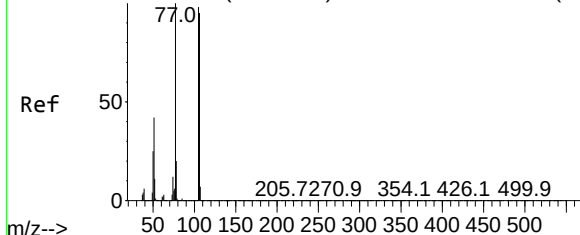


#8
2-Chlorophenol
Concen: 39.034 ng
RT: 7.172 min Scan# 720
Delta R.T. -0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:128 Resp: 687858
Ion Ratio Lower Upper
128 100
130 32.1 12.6 52.6
64 46.7 24.1 64.1



Abundance Scan 652 (6.772 min): BP024864.D\data.ms (-64



#9

Benzaldehyde

Concen: 48.599 ng m

RT: 6.755 min Scan# 64

Delta R.T. -0.018 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion: 77 Resp: 57612

Ion Ratio Lower Upper

77 100

105 97.5 77.7 117.7

106 93.9 74.8 114.8

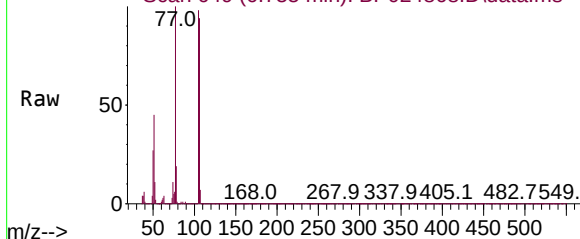
Manual Integrations

APPROVED

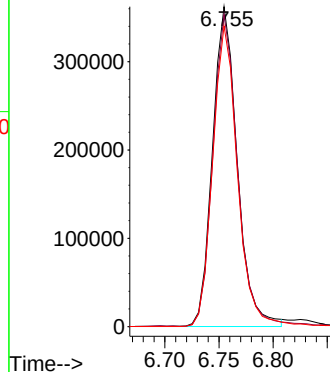
Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025

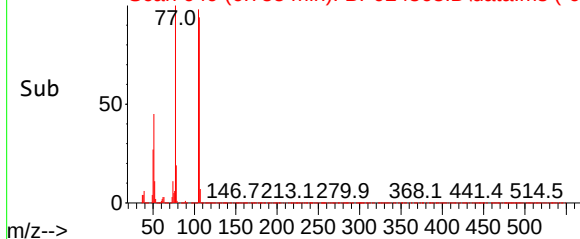
Abundance Scan 649 (6.755 min): BP024868.D\data.ms



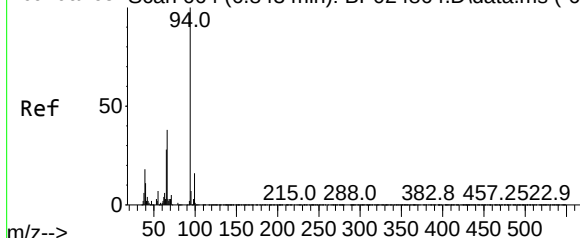
Abundance



Abundance Scan 649 (6.755 min): BP024868.D\data.ms (-60



Abundance Scan 664 (6.843 min): BP024864.D\data.ms (-65



#10

Phenol

Concen: 39.895 ng

RT: 6.825 min Scan# 661

Delta R.T. -0.018 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Tgt Ion: 94 Resp: 845877

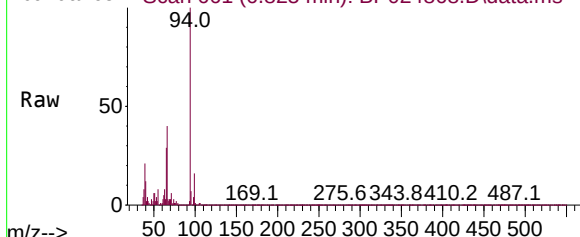
Ion Ratio Lower Upper

94 100

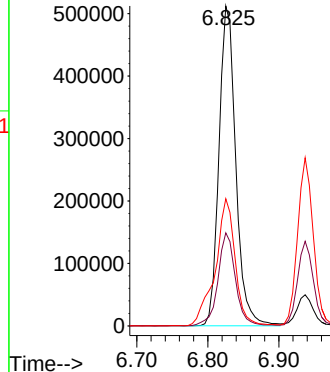
65 29.1 8.3 48.3

66 39.7 18.2 58.2

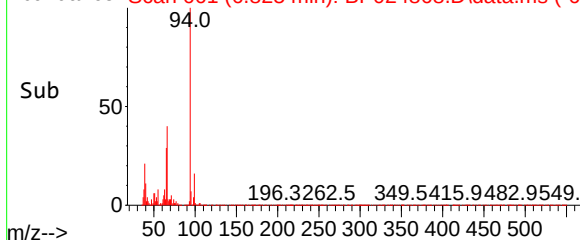
Abundance Scan 661 (6.825 min): BP024868.D\data.ms

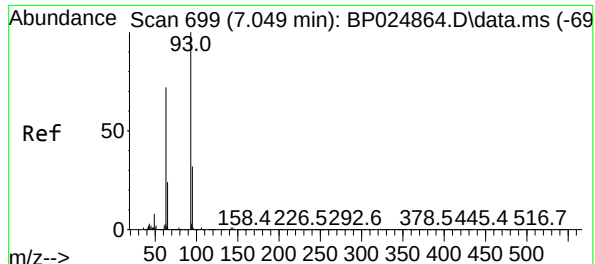


Abundance



Abundance Scan 661 (6.825 min): BP024868.D\data.ms (-61





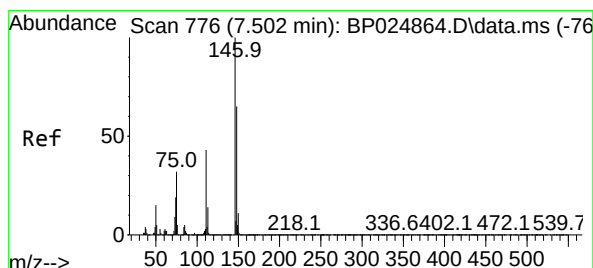
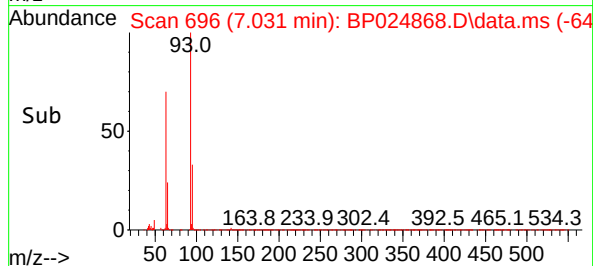
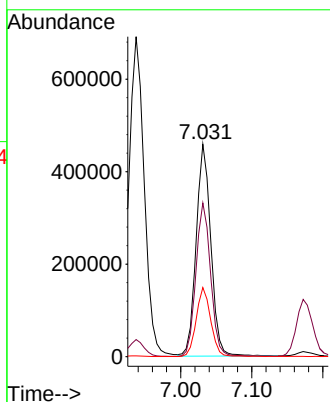
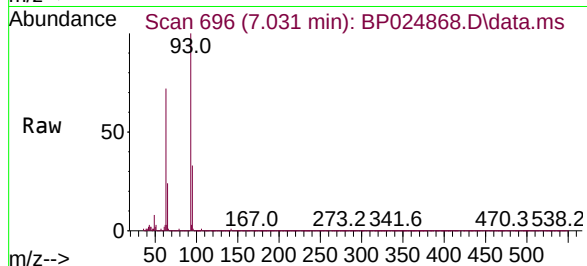
#11
bis(2-Chloroethyl)ether
Concen: 39.368 ng
RT: 7.031 min Scan# 699
Delta R.T. -0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Tgt Ion: 93 Resp: 656501
Ion Ratio Lower Upper
93 100
63 72.4 51.6 91.6
95 32.5 12.1 52.1

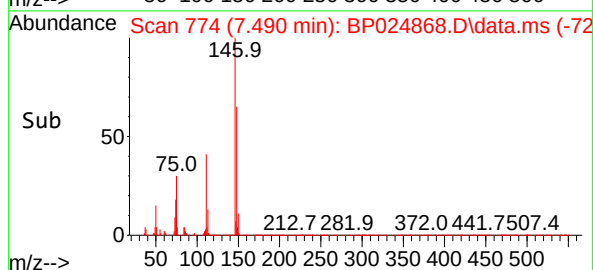
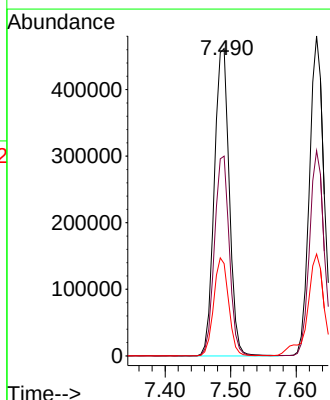
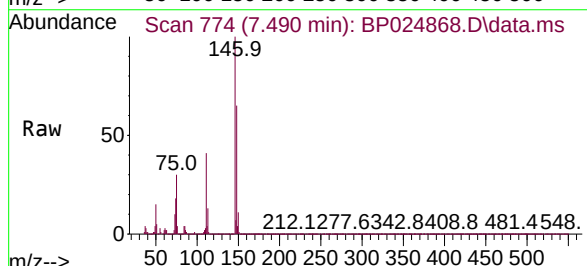
Manual Integrations
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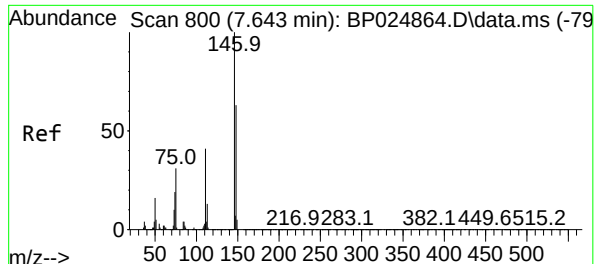
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#12
1,3-Dichlorobenzene
Concen: 37.402 ng
RT: 7.490 min Scan# 774
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:146 Resp: 735256
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.8
75 30.0 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 37.417 ng

RT: 7.631 min Scan# 79

Delta R.T. -0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion:146 Resp: 742188

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

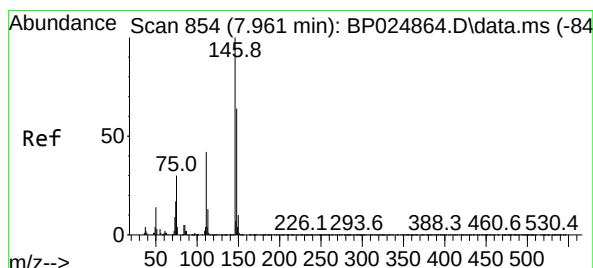
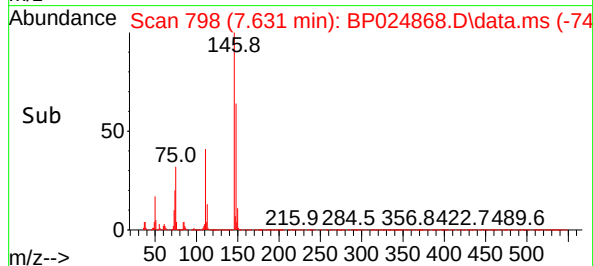
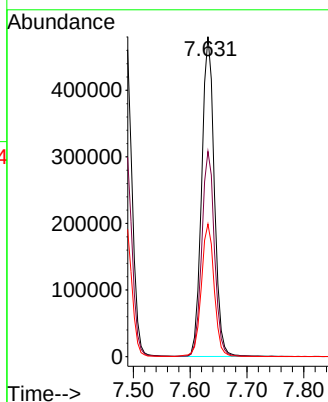
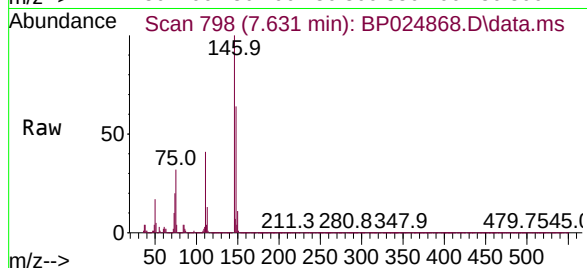
111 41.4 32.7 49.1

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#14

1,2-Dichlorobenzene

Concen: 37.071 ng

RT: 7.943 min Scan# 851

Delta R.T. -0.018 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

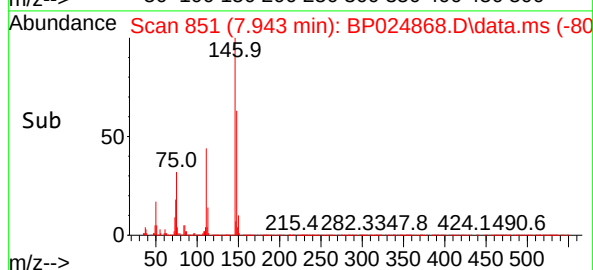
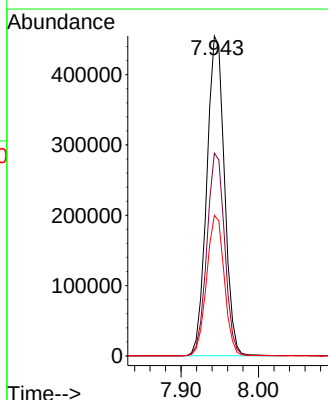
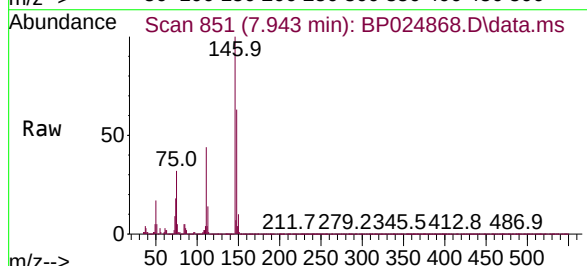
Tgt Ion:146 Resp: 722064

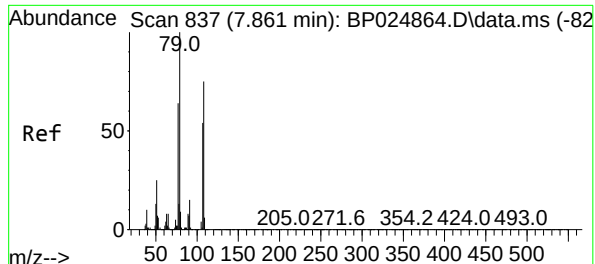
Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.4

111 43.9 33.8 50.8





#15

Benzyl Alcohol

Concen: 40.859 ng

RT: 7.843 min Scan# 834

Delta R.T. -0.018 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion: 79 Resp: 644939

Ion Ratio Lower Upper

79 100

108 72.6 60.2 90.4

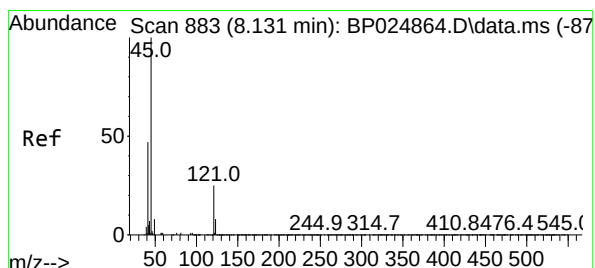
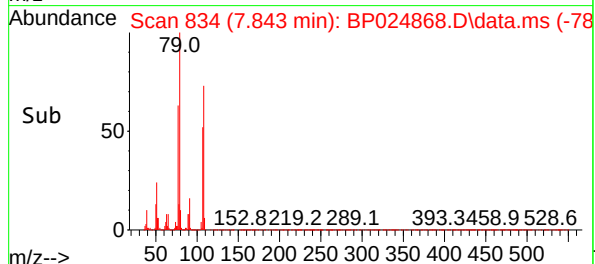
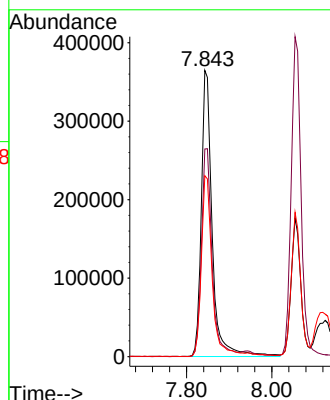
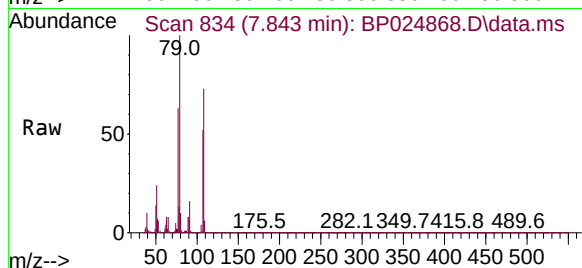
77 63.2 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.927 ng

RT: 8.125 min Scan# 882

Delta R.T. -0.006 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

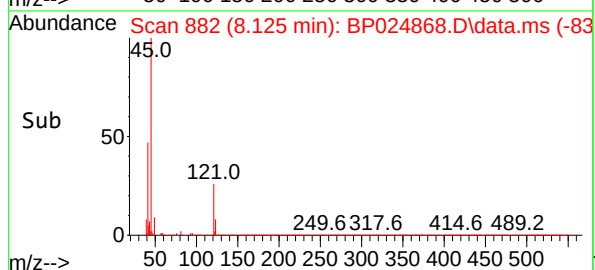
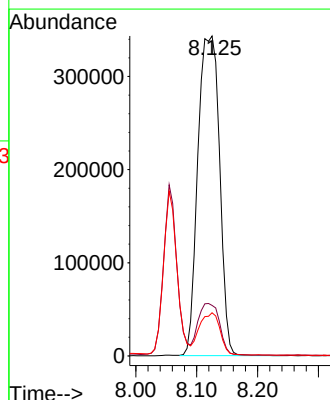
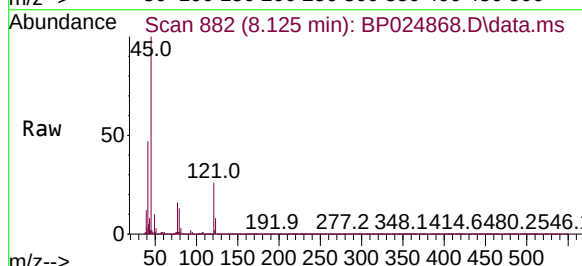
Tgt Ion: 45 Resp: 849644

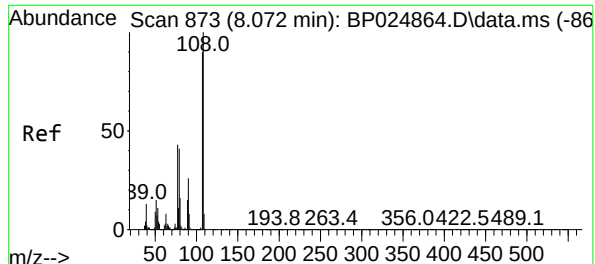
Ion Ratio Lower Upper

45 100

77 15.8 0.0 36.3

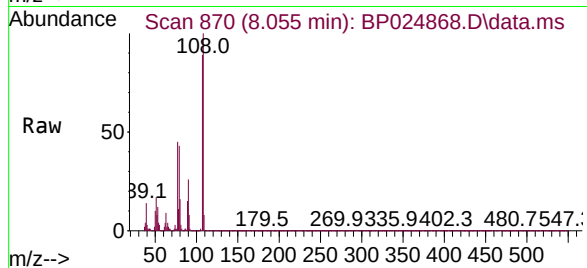
79 13.5 0.0 32.2





#17
2-Methylphenol
Concen: 39.981 ng
RT: 8.055 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

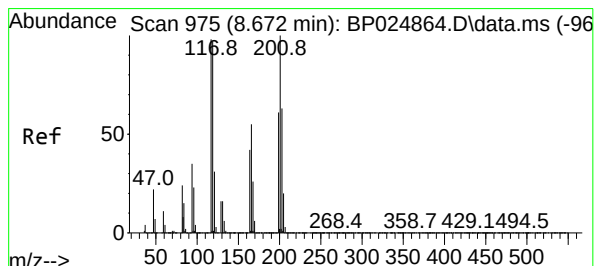
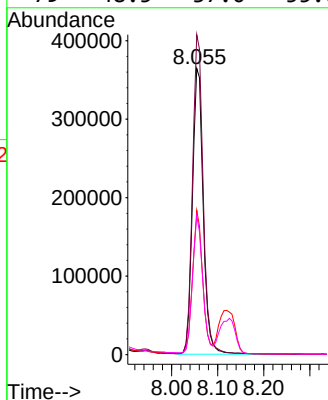
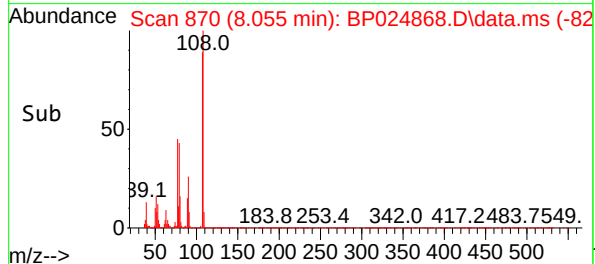
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



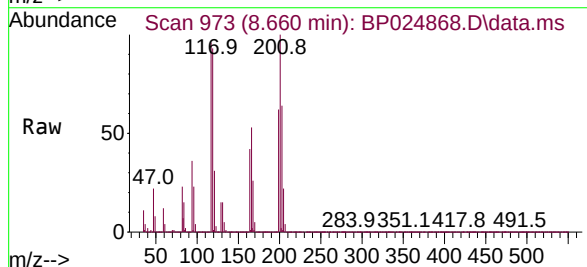
Tgt Ion:107 Resp: 591959
Ion Ratio Lower Upper
107 100
108 111.8 88.6 132.8
77 50.4 38.5 57.7
79 48.5 37.0 55.6

Manual Integrations
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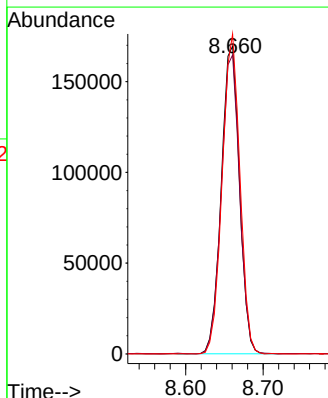
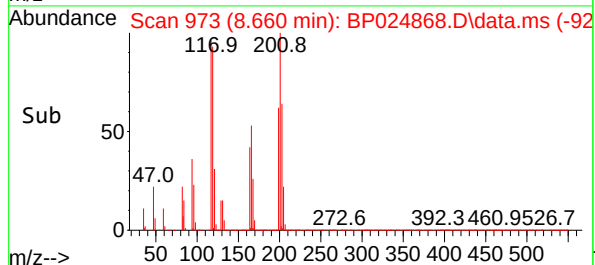
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

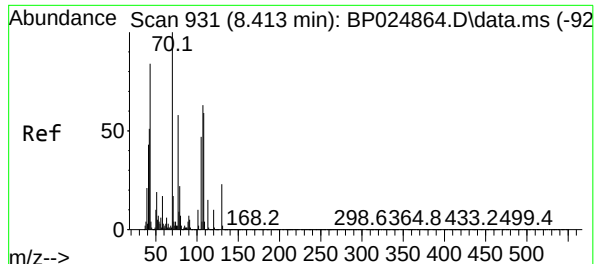


#18
Hexachloroethane
Concen: 37.151 ng
RT: 8.660 min Scan# 973
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09



Tgt Ion:117 Resp: 277433
Ion Ratio Lower Upper
117 100
119 97.1 79.4 119.2
201 104.0 81.4 122.2





#19

n-Nitroso-di-n-propylamine

Concen: 40.009 ng

RT: 8.402 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion: 70 Resp: 559389

Ion Ratio Lower Upper

70 100

42 52.3 41.2 61.8

101 10.5 8.3 12.5

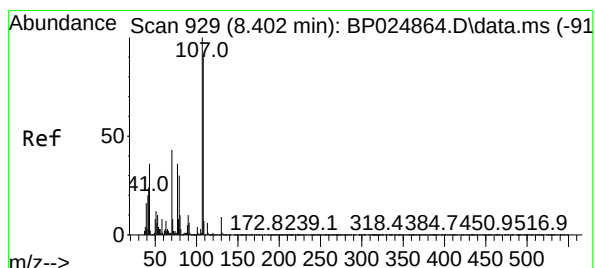
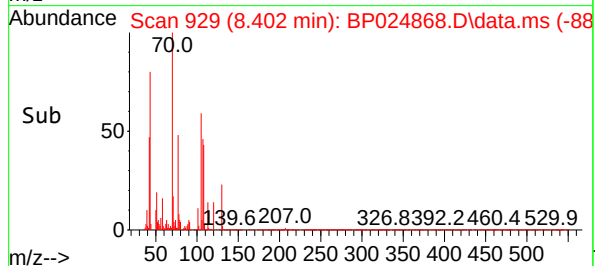
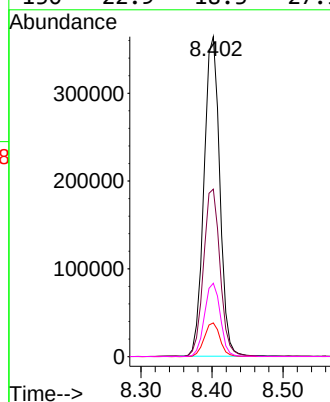
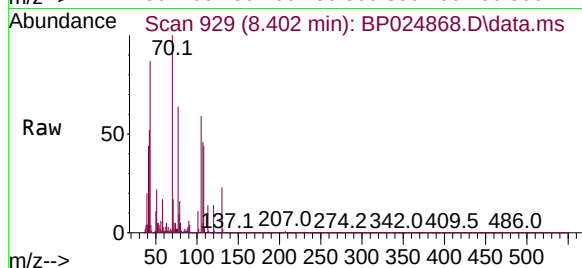
130 22.9 18.3 27.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#20

3+4-Methylphenols

Concen: 39.466 ng

RT: 8.384 min Scan# 926

Delta R.T. -0.018 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Tgt Ion:107 Resp: 797217

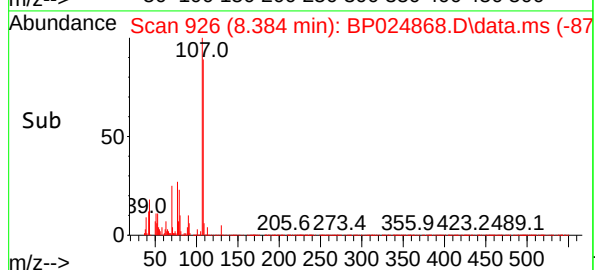
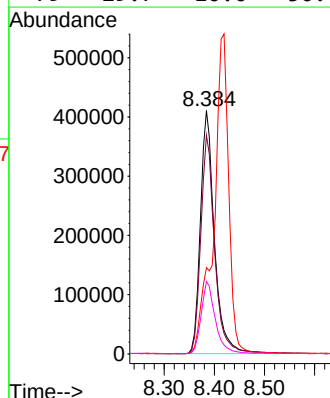
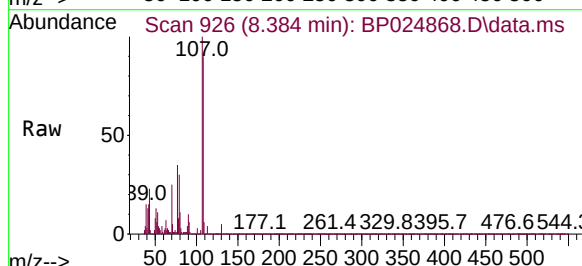
Ion Ratio Lower Upper

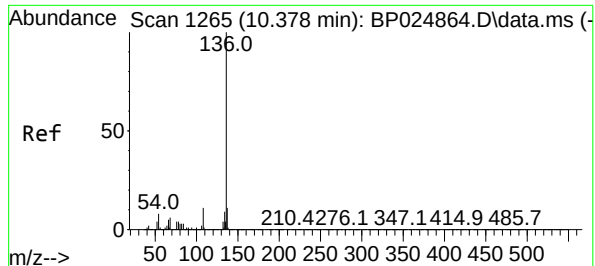
107 100

108 89.9 70.7 110.7

77 35.4 16.6 56.6

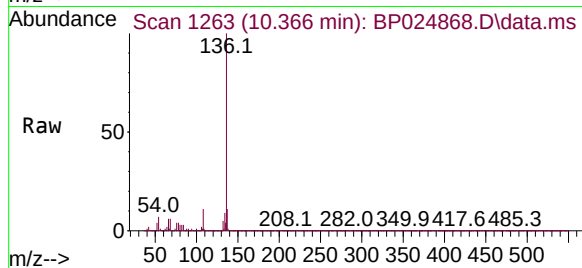
79 29.7 10.0 50.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.366 min Scan# 1263
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

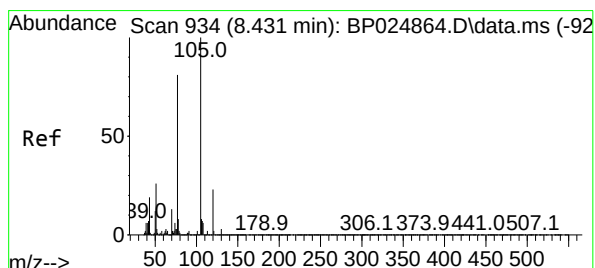
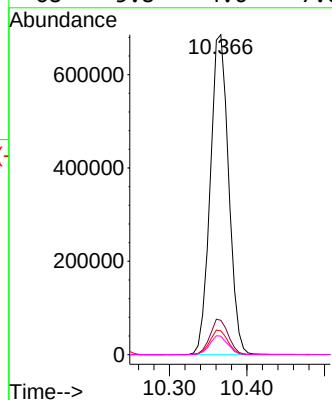
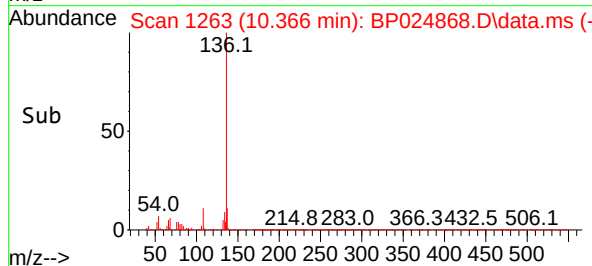
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion:136 Resp: 1129880
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.4 6.1 9.1
68 5.8 4.6 7.0

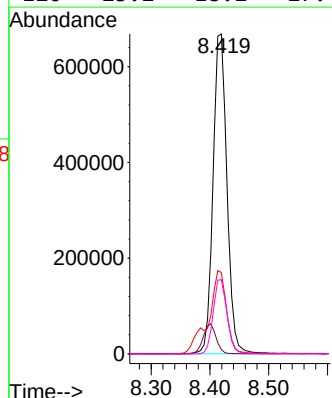
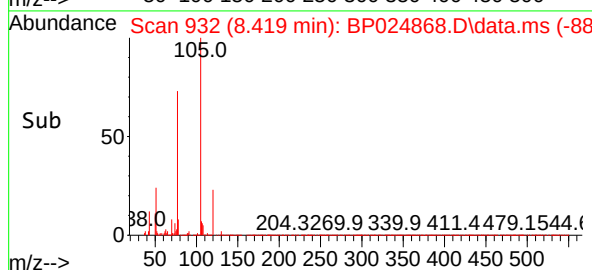
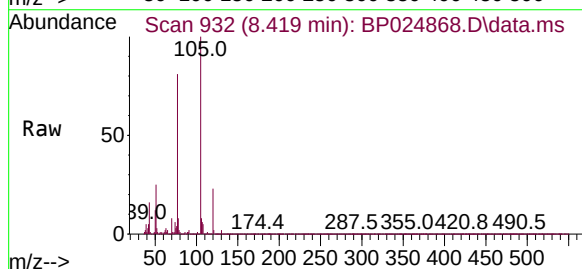
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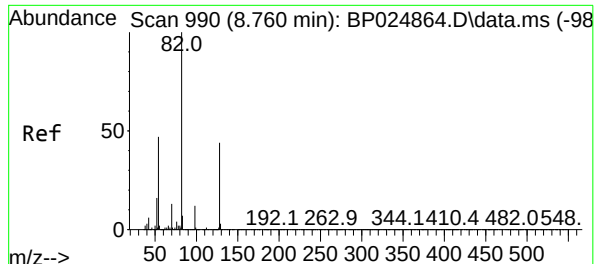
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#22
Acetophenone
Concen: 38.549 ng
RT: 8.419 min Scan# 932
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:105 Resp: 1100455
Ion Ratio Lower Upper
105 100
71 1.4 1.6 2.4#
51 25.4 20.6 31.0
120 23.2 18.2 27.4





#23

Nitrobenzene-d5

Concen: 67.150 ng

RT: 8.749 min Scan# 988

Delta R.T. -0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion: 82 Resp: 156136

Ion Ratio Lower Upper

82 100

128 43.0 35.3 52.9

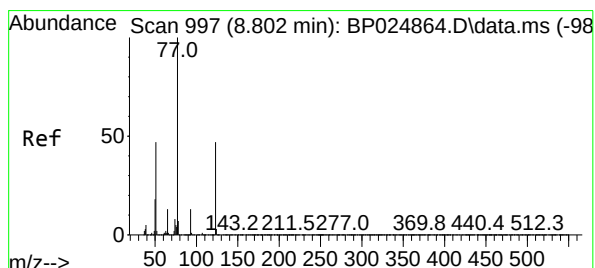
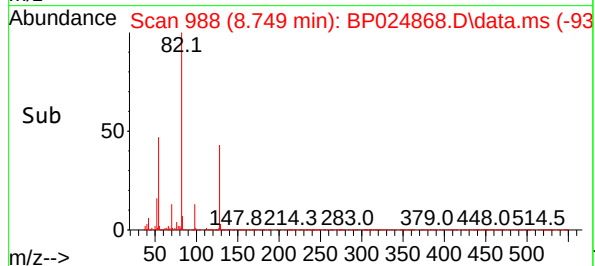
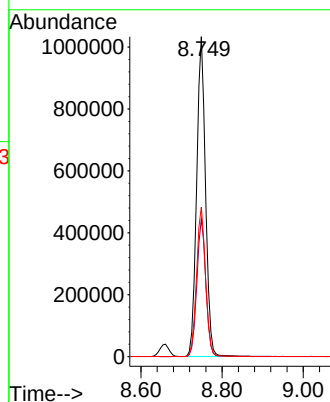
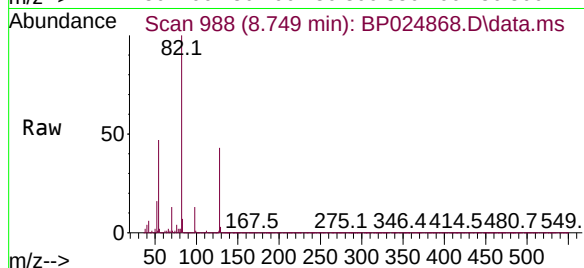
54 46.7 37.4 56.0

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#24

Nitrobenzene

Concen: 39.258 ng

RT: 8.790 min Scan# 995

Delta R.T. -0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

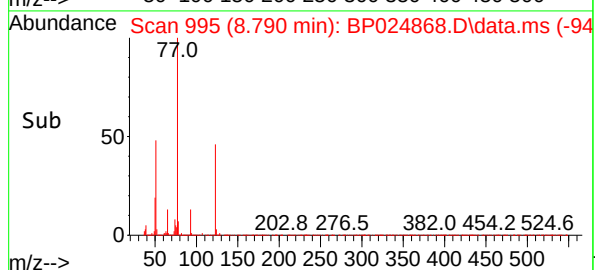
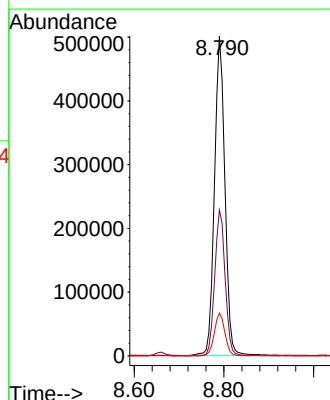
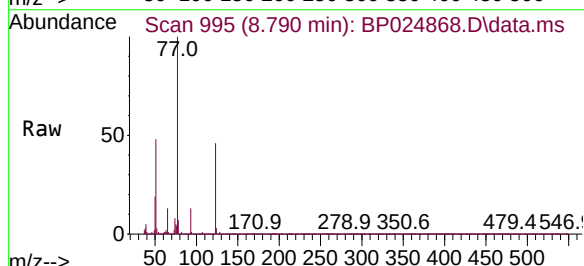
Tgt Ion: 77 Resp: 810932

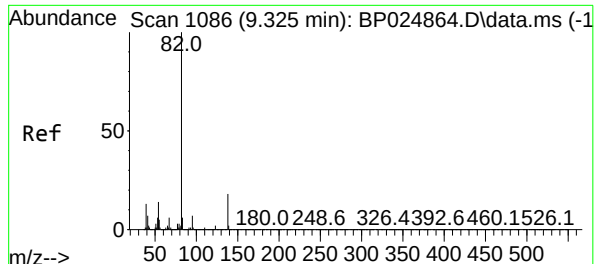
Ion Ratio Lower Upper

77 100

123 45.6 37.3 55.9

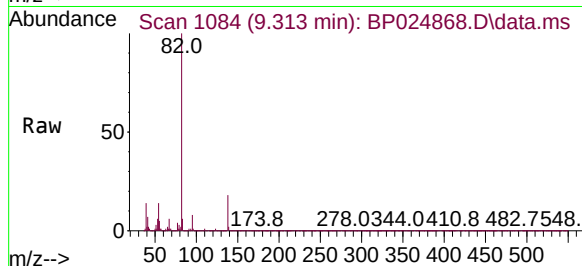
65 13.4 10.8 16.2





#25
Isophorone
Concen: 39.109 ng
RT: 9.313 min Scan# 1084
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

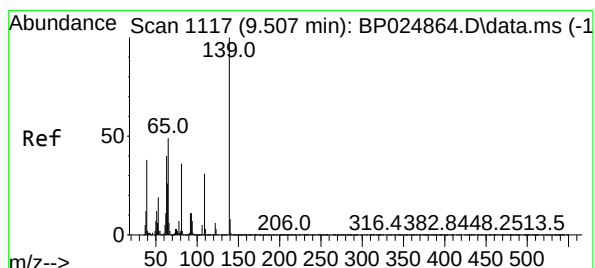
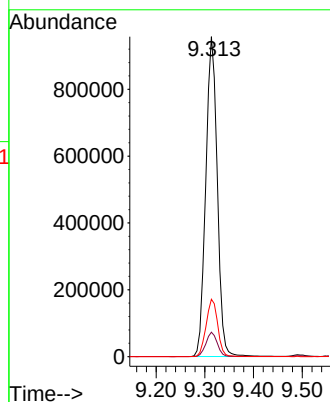
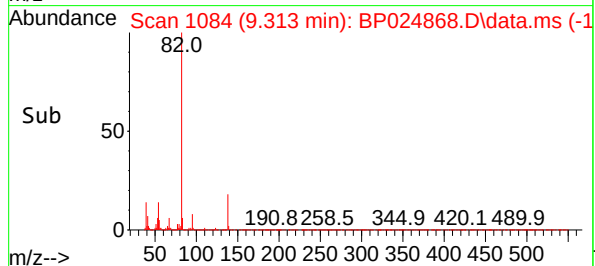
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion: 82 Resp: 1576033
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 17.9 14.6 21.8

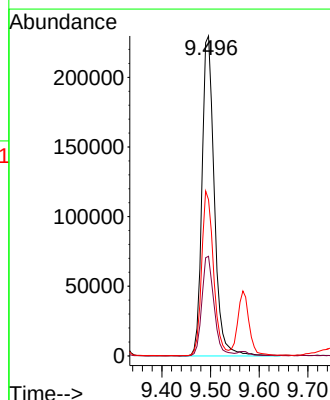
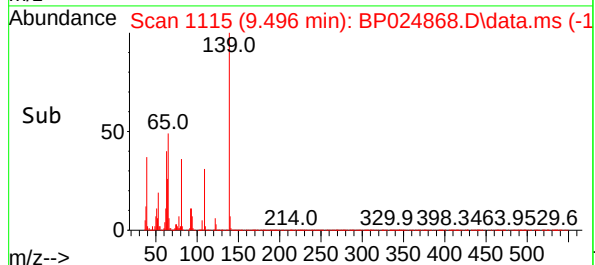
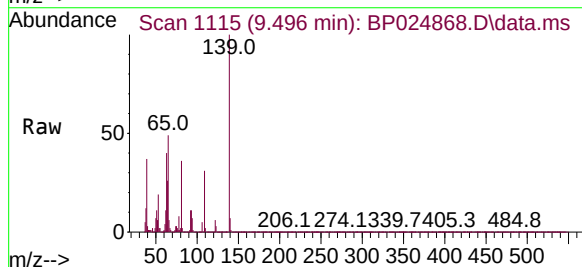
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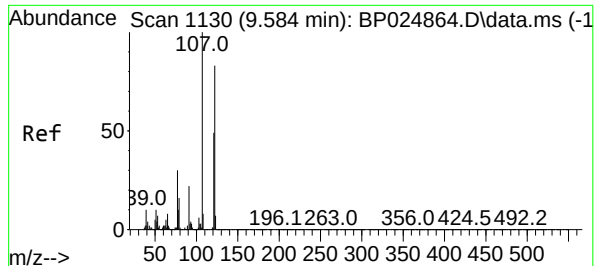
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#26
2-Nitrophenol
Concen: 39.558 ng
RT: 9.496 min Scan# 1115
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:139 Resp: 403179
Ion Ratio Lower Upper
139 100
109 31.1 24.6 37.0
65 48.9 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 38.761 ng

RT: 9.566 min Scan# 1127

Delta R.T. -0.018 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion:122 Resp: 676106

Ion Ratio Lower Upper

122 100

107 119.3 96.2 144.4

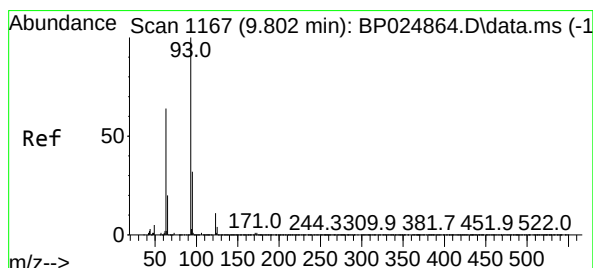
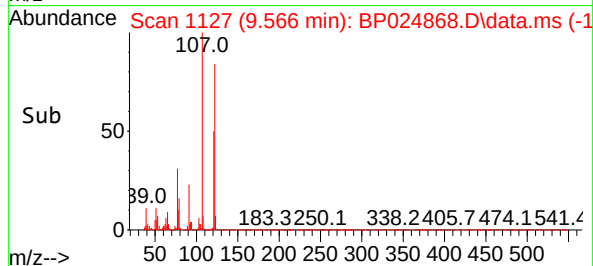
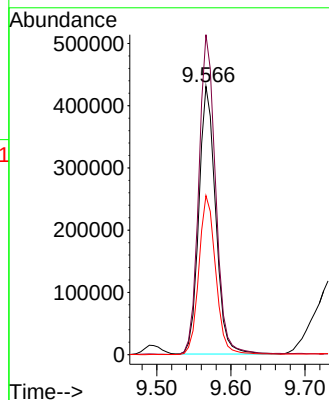
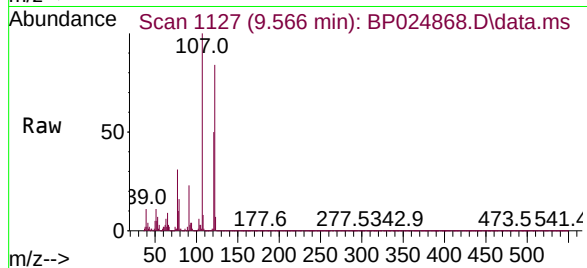
121 59.3 47.0 70.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#28

bis(2-Chloroethoxy)methane

Concen: 38.351 ng

RT: 9.784 min Scan# 1164

Delta R.T. -0.018 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

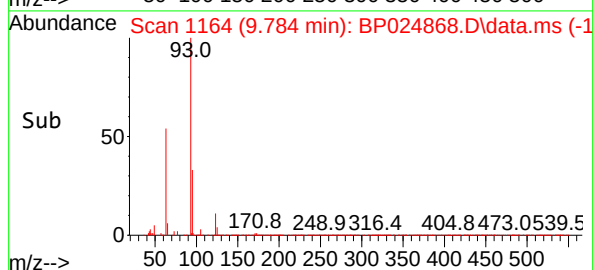
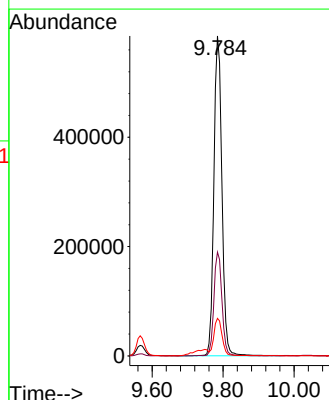
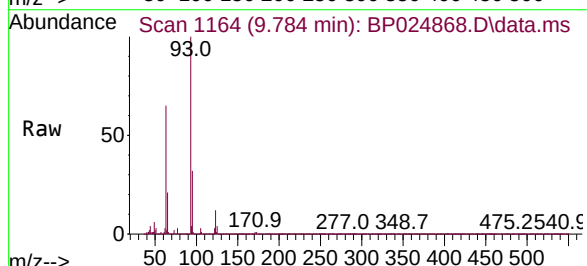
Tgt Ion: 93 Resp: 921897

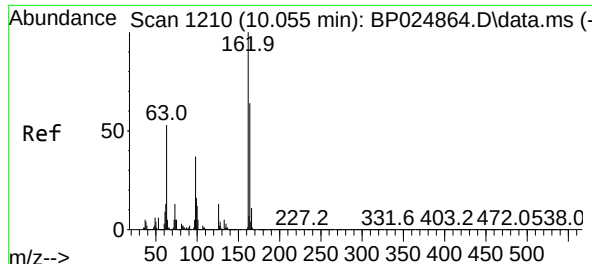
Ion Ratio Lower Upper

93 100

95 32.4 25.5 38.3

123 11.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.046 ng

RT: 10.043 min Scan# 1208

Delta R.T. -0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion:162 Resp: 653496

Ion Ratio Lower Upper

162 100

164 64.8 44.0 84.0

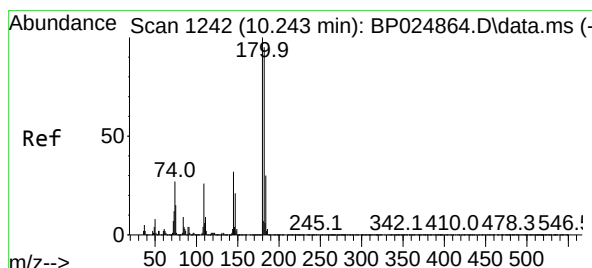
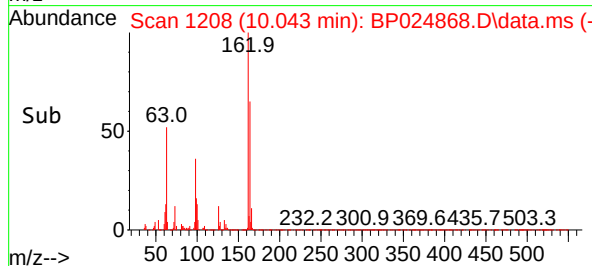
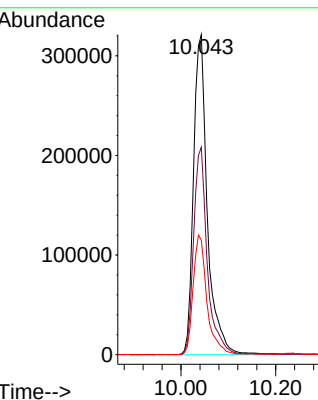
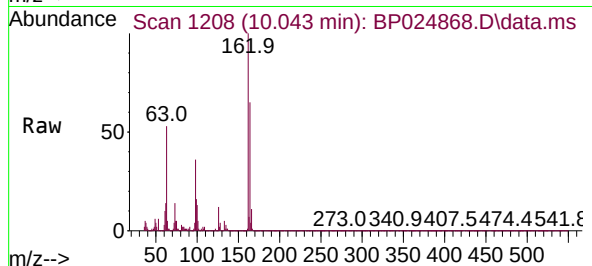
98 35.8 16.9 56.9

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#30

1,2,4-Trichlorobenzene

Concen: 36.514 ng

RT: 10.231 min Scan# 1240

Delta R.T. -0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

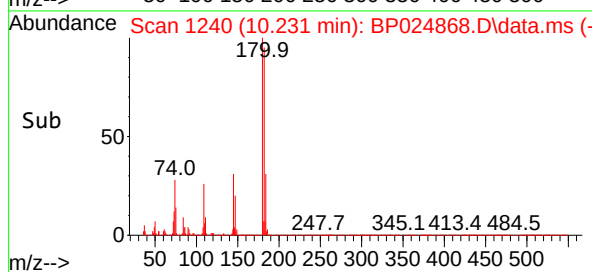
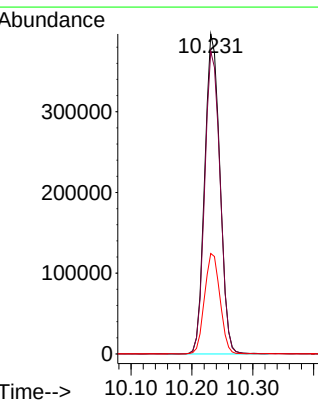
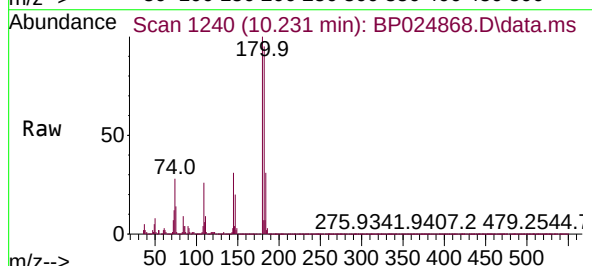
Tgt Ion:180 Resp: 689288

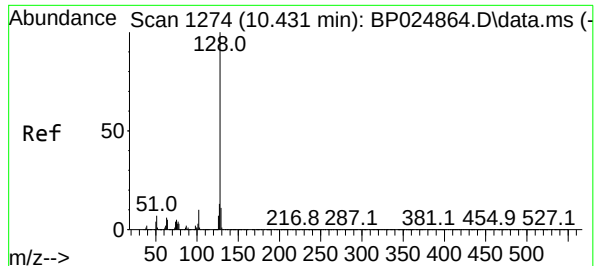
Ion Ratio Lower Upper

180 100

182 94.5 75.8 113.6

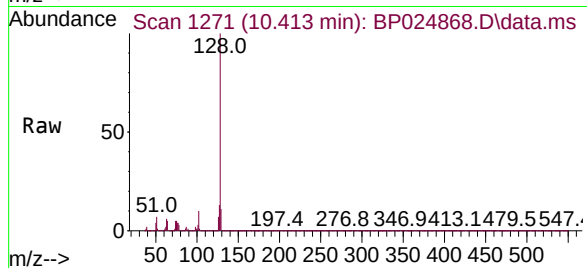
145 31.4 25.7 38.5





#31
Naphthalene
Concen: 37.089 ng
RT: 10.413 min Scan# 1158
Delta R.T. -0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

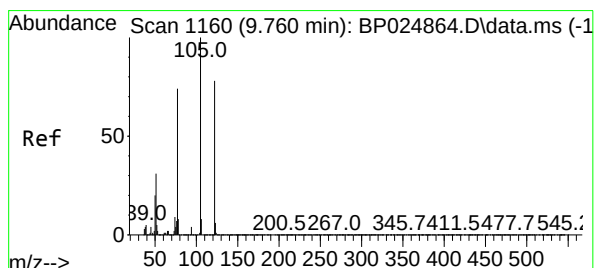
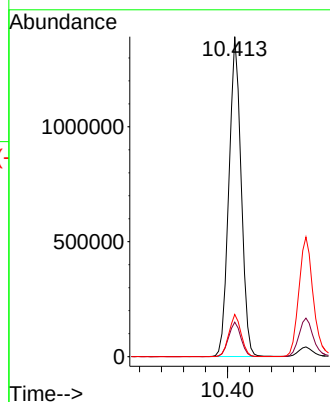
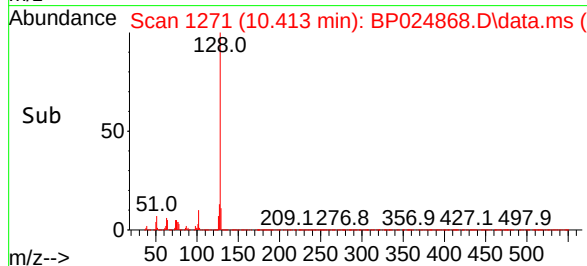
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion:128 Resp: 2147539
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.2 10.7 16.1

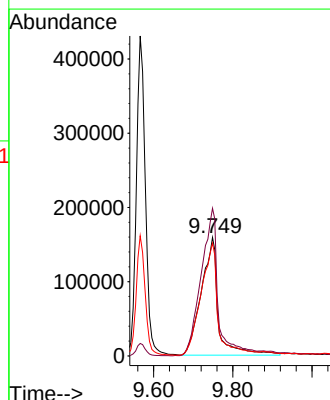
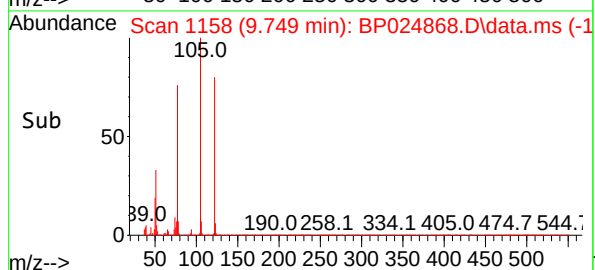
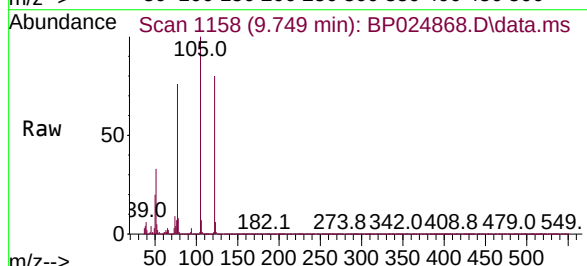
Manual Integrations
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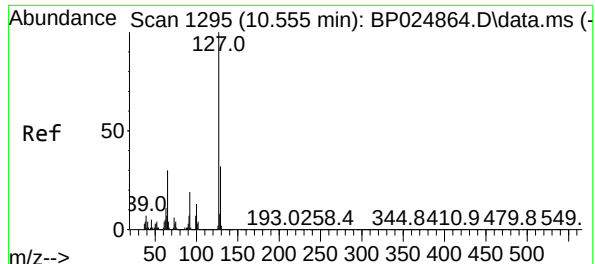
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#32
Benzoic acid
Concen: 40.420 ng
RT: 9.749 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:122 Resp: 476446
Ion Ratio Lower Upper
122 100
105 124.6 107.1 147.1
77 95.2 75.1 115.1





#33

4-Chloroaniline

Concen: 39.581 ng

RT: 10.543 min Scan# 1293

Delta R.T. -0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion:127 Resp: 960185

Ion Ratio Lower Upper

127 100

129 32.2 25.9 38.9

65 29.9 23.9 35.9

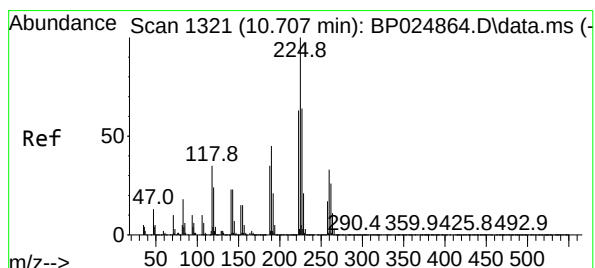
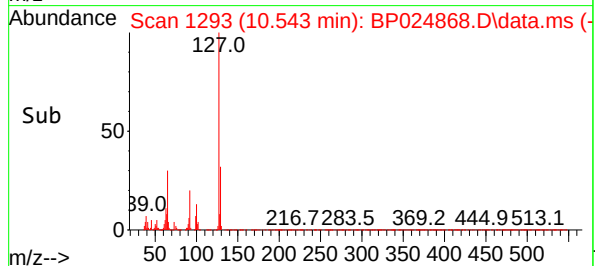
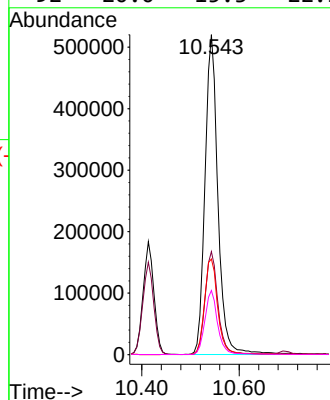
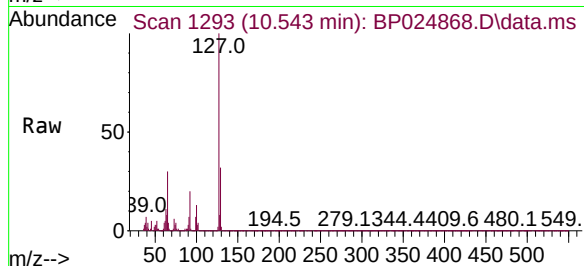
92 20.0 15.3 22.9

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#34

Hexachlorobutadiene

Concen: 36.314 ng

RT: 10.696 min Scan# 1319

Delta R.T. -0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

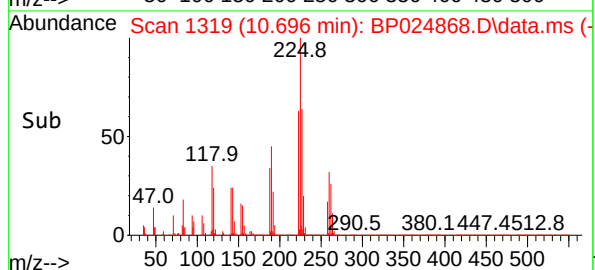
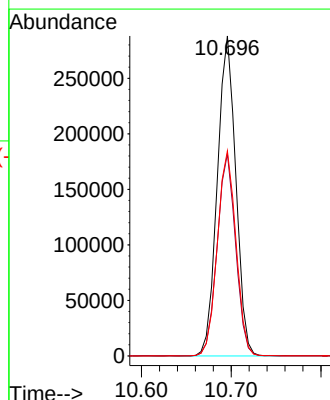
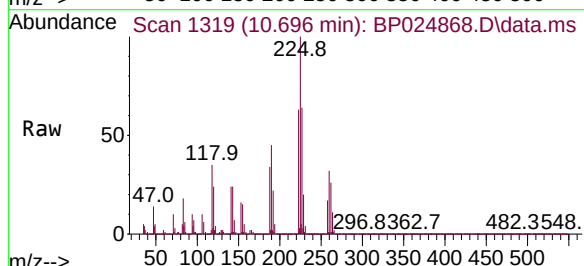
Tgt Ion:225 Resp: 413168

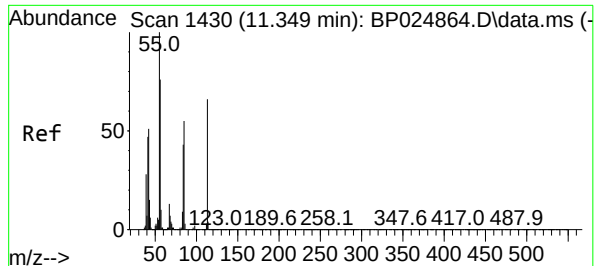
Ion Ratio Lower Upper

225 100

223 63.2 50.5 75.7

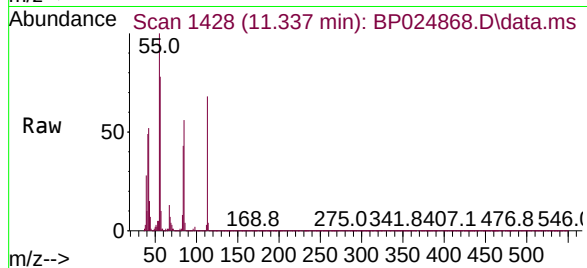
227 64.1 51.4 77.2





#35
Caprolactam
Concen: 41.229 ng
RT: 11.337 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

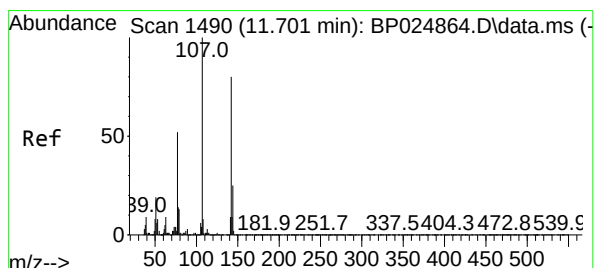
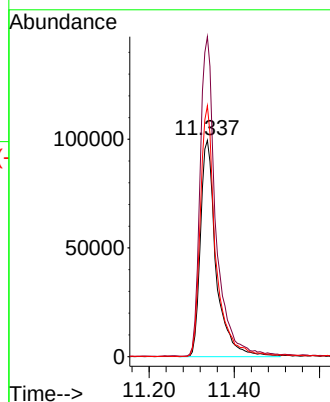
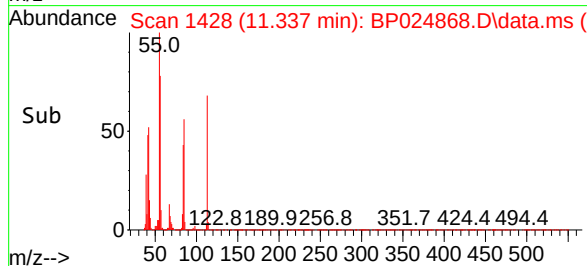
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion:113 Resp: 254008
Ion Ratio Lower Upper
113 100
55 147.9 132.5 172.5
56 116.0 96.0 136.0

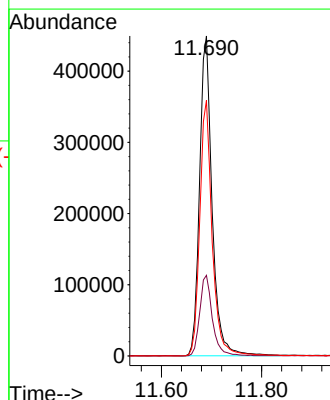
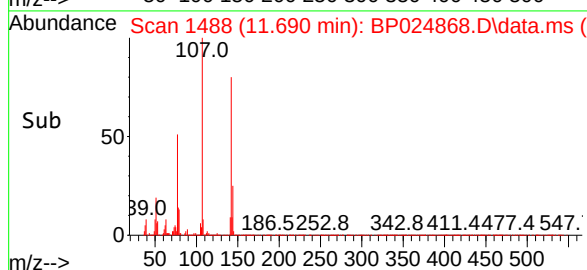
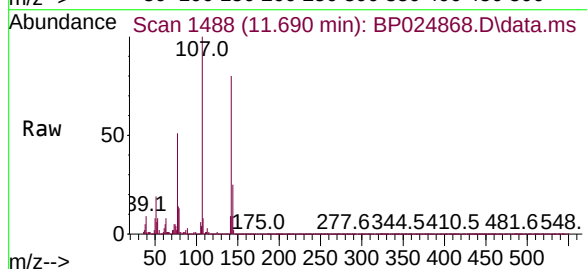
Manual Integrations
APPROVED

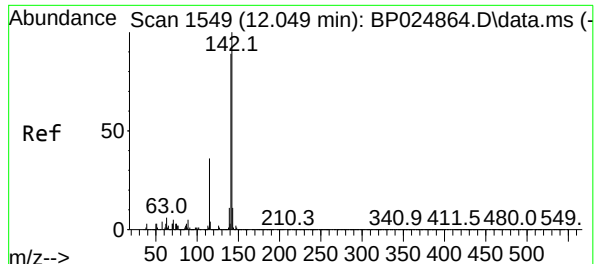
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#36
4-Chloro-3-methylphenol
Concen: 40.474 ng
RT: 11.690 min Scan# 1488
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

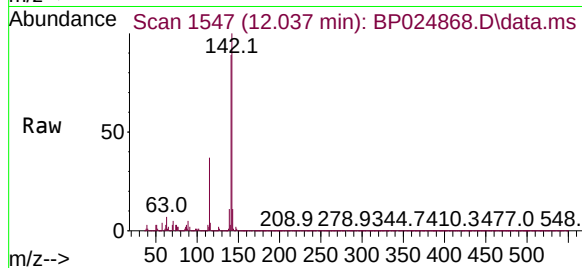
Tgt Ion:107 Resp: 781340
Ion Ratio Lower Upper
107 100
144 25.2 20.4 30.6
142 79.8 63.8 95.6





#37
2-Methylnaphthalene
Concen: 38.430 ng
RT: 12.037 min Scan# 1547
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

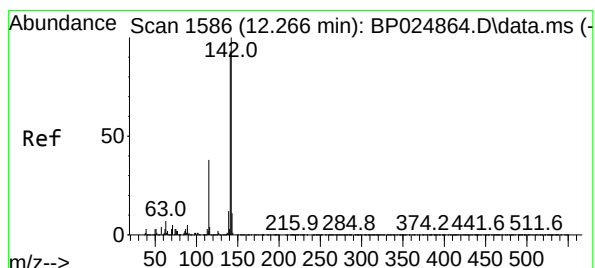
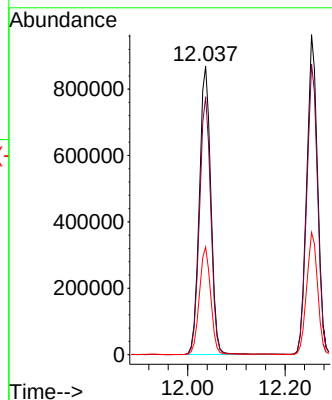
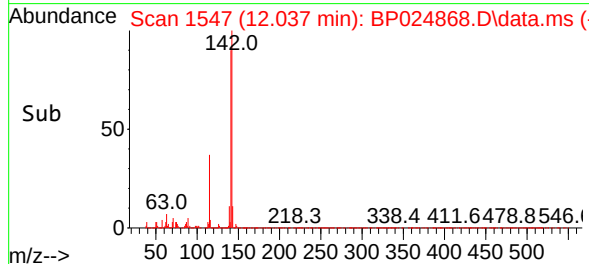
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion:142 Resp: 1411483
Ion Ratio Lower Upper
142 100
141 89.4 71.2 106.8
115 37.2 28.5 42.7

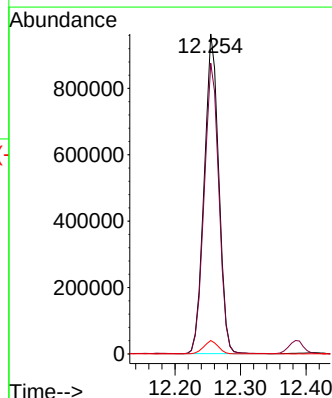
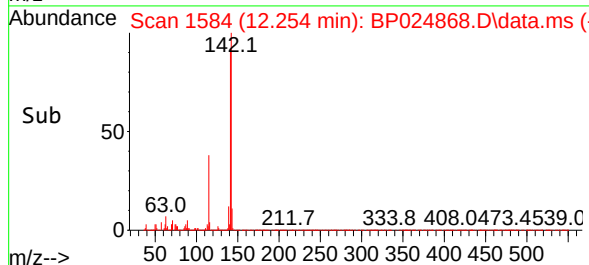
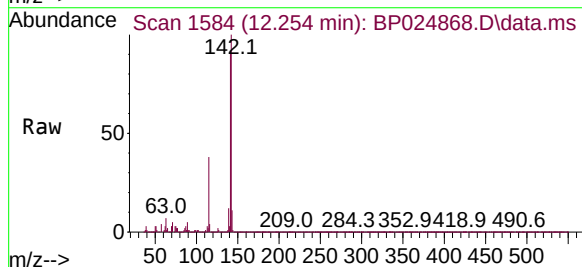
Manual Integrations
APPROVED

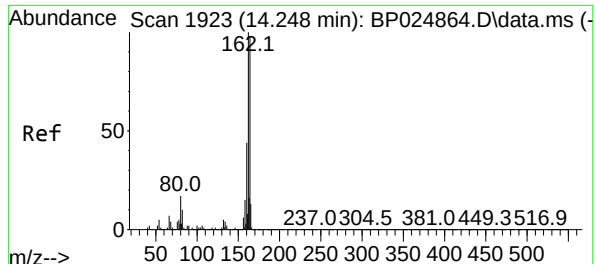
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#38
1-Methylnaphthalene
Concen: 37.674 ng
RT: 12.254 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

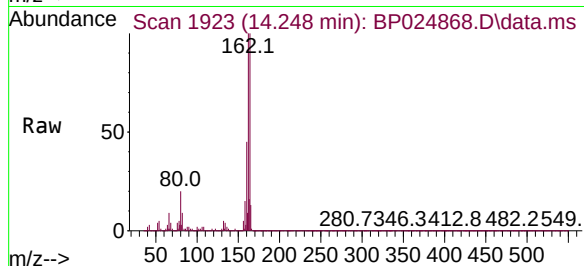
Tgt Ion:142 Resp: 1479329
Ion Ratio Lower Upper
142 100
141 90.8 74.7 112.1
116 4.2 3.4 5.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

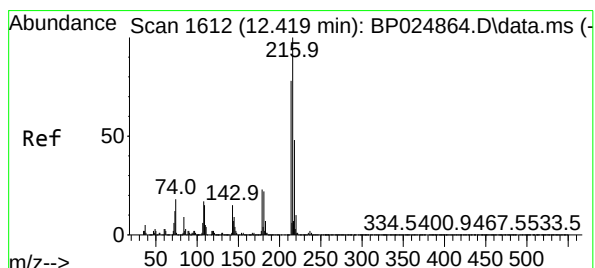
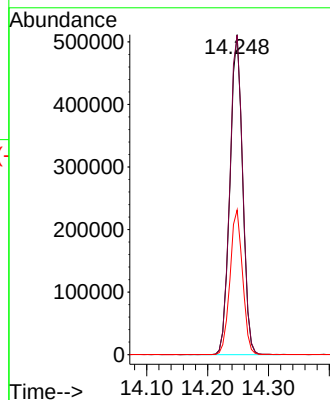
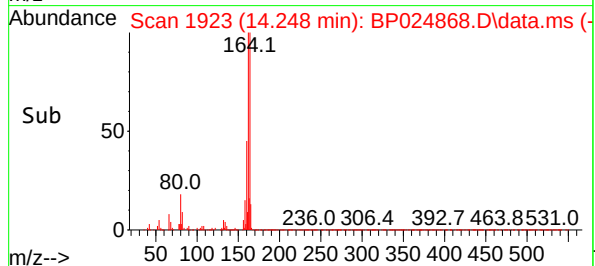
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



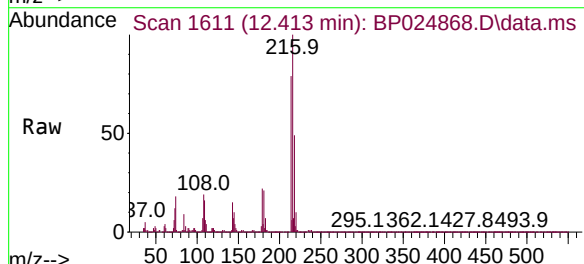
Tgt Ion:164 Resp: 734874
Ion Ratio Lower Upper
164 100
162 99.8 81.6 122.4
160 45.2 36.2 54.2

Manual Integrations
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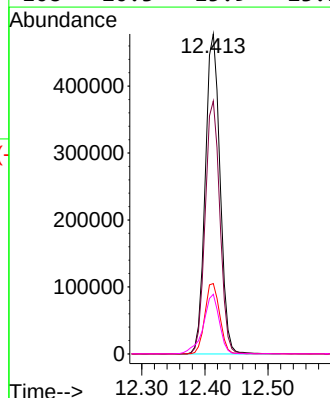
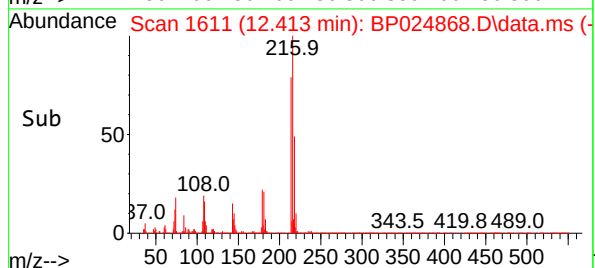
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

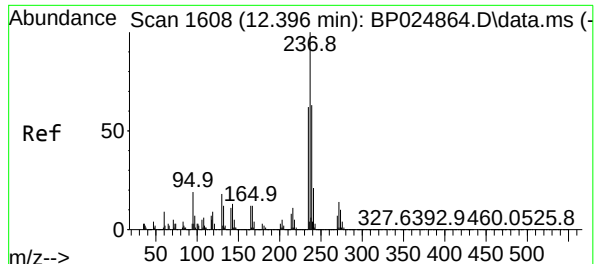


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.136 ng
RT: 12.413 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09



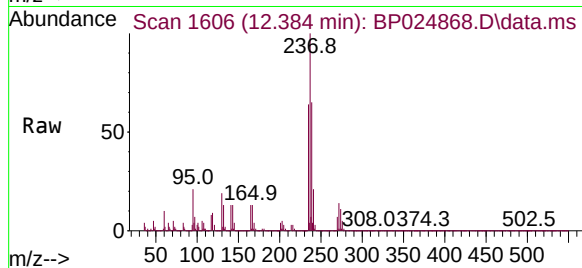
Tgt Ion:216 Resp: 774379
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 22.2 17.8 26.6
108 20.3 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 38.177 ng
RT: 12.384 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

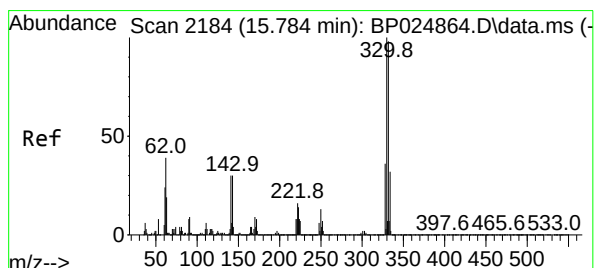
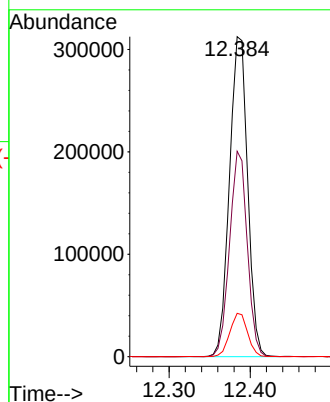
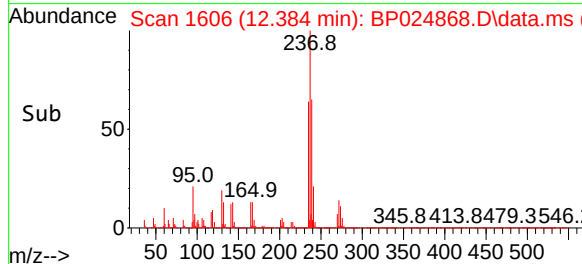
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion: 237 Resp: 485560
Ion Ratio Lower Upper
237 100
235 64.2 41.9 81.9
272 13.5 0.0 33.7

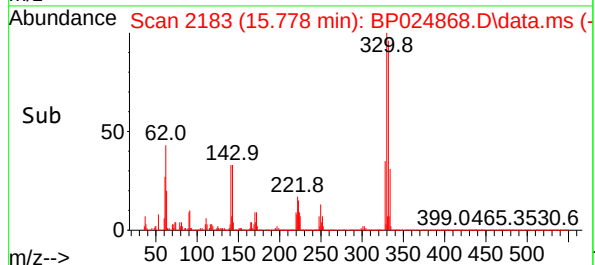
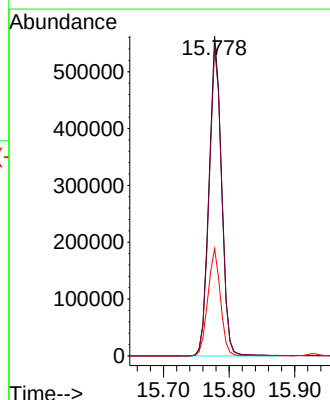
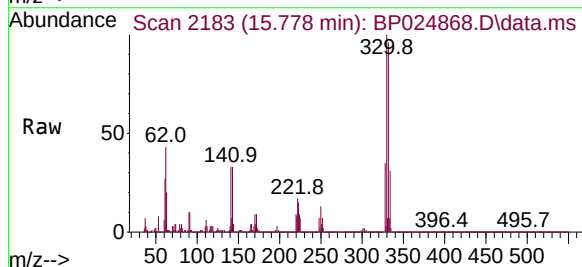
Manual Integrations
APPROVED

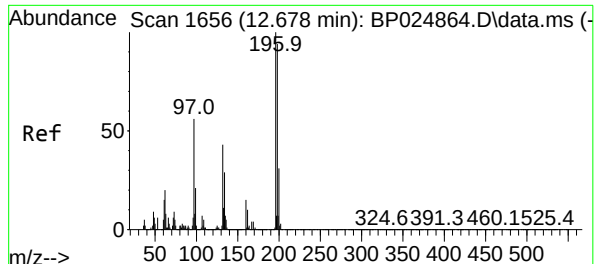
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#42
2,4,6-Tribromophenol
Concen: 73.160 ng
RT: 15.778 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion: 330 Resp: 743311
Ion Ratio Lower Upper
330 100
332 97.2 77.7 116.5
141 33.7 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 38.812 ng

RT: 12.666 min Scan# 1654

Delta R.T. -0.012 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion:196 Resp: 54352

Ion Ratio Lower Upper

196 100

198 96.2 75.4 113.0

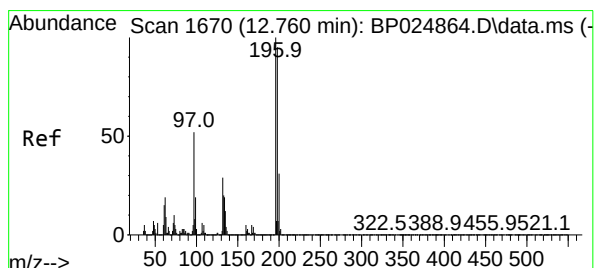
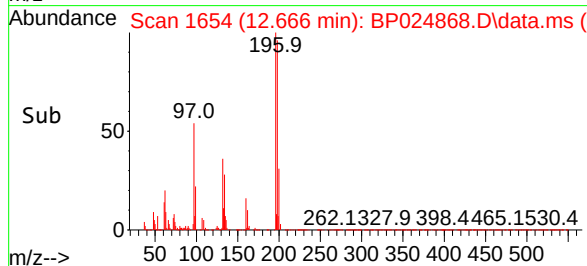
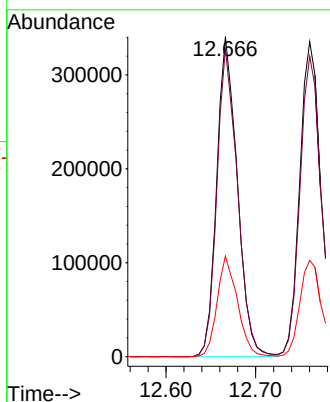
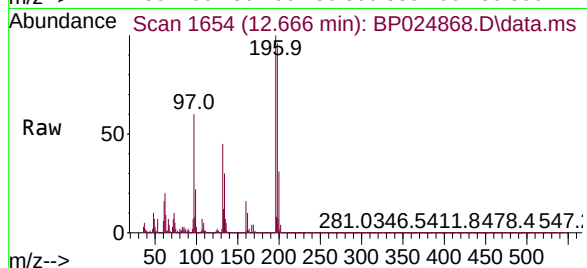
200 31.4 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#44

2,4,5-Trichlorophenol

Concen: 39.064 ng

RT: 12.760 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Tgt Ion:196 Resp: 585859

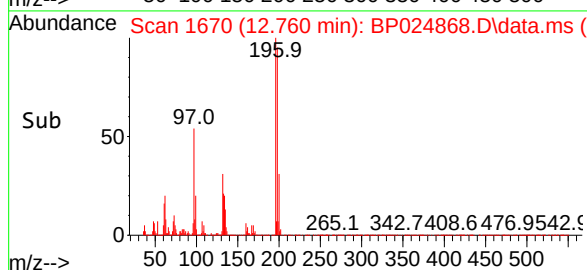
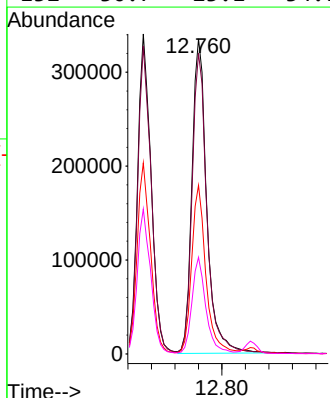
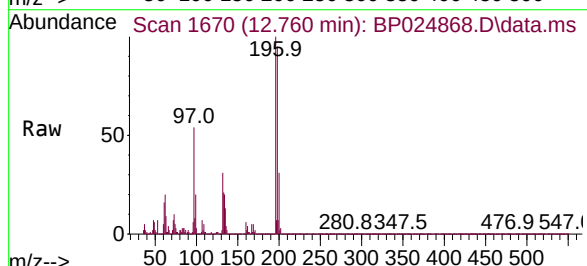
Ion Ratio Lower Upper

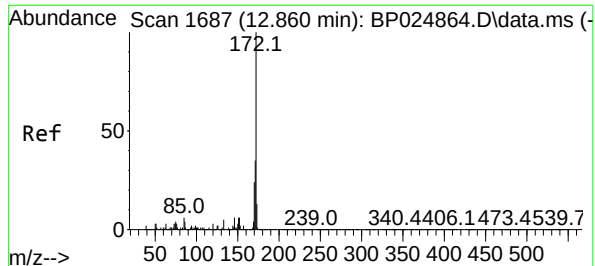
196 100

198 95.4 76.0 114.0

97 53.5 41.5 62.3

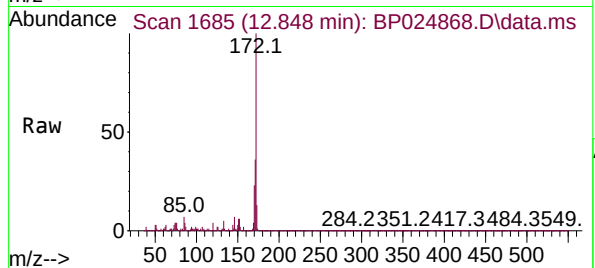
132 30.7 23.1 34.7





#45
2-Fluorobiphenyl
Concen: 62.434 ng
RT: 12.848 min Scan# 1685
Delta R.T. -0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

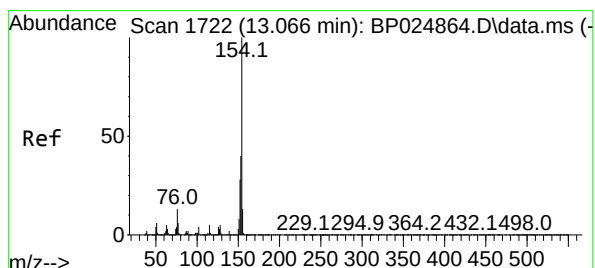
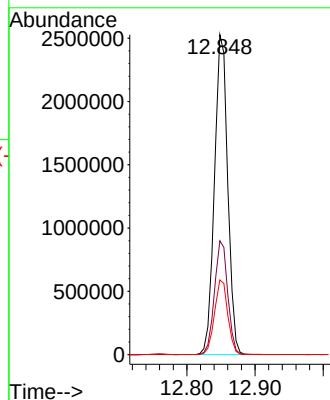
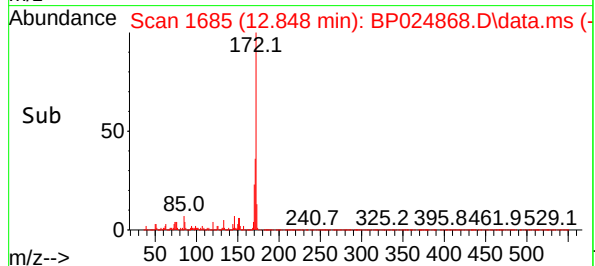
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion:172 Resp: 340585
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.3 19.0 28.4

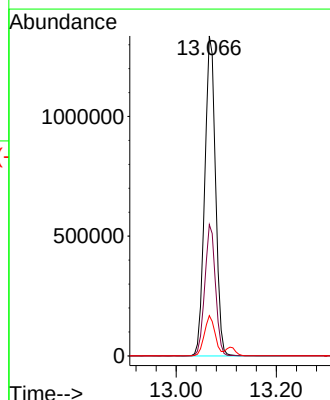
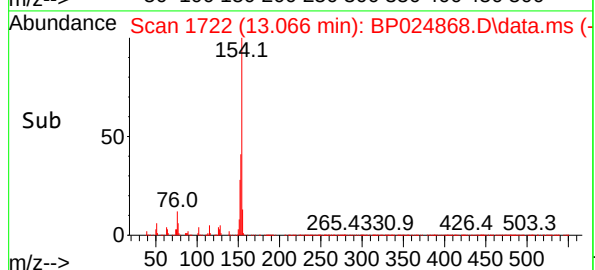
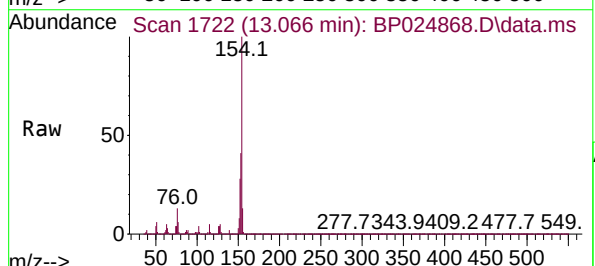
Manual Integrations
APPROVED

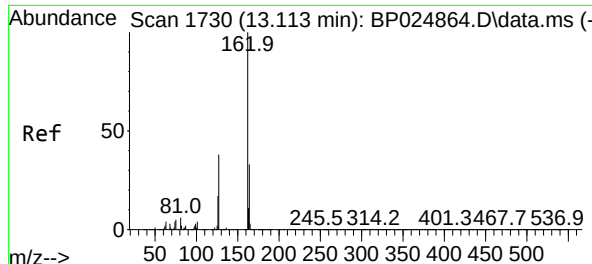
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#46
1,1'-Biphenyl
Concen: 37.502 ng
RT: 13.066 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:154 Resp: 2002791
Ion Ratio Lower Upper
154 100
153 41.0 20.3 60.3
76 12.6 0.0 33.0





#47

2-Chloronaphthalene

Concen: 36.886 ng

RT: 13.107 min Scan# 1729

Delta R.T. -0.006 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion:162 Resp: 1514031

Ion Ratio Lower Upper

162 100

127 40.7 32.5 48.7

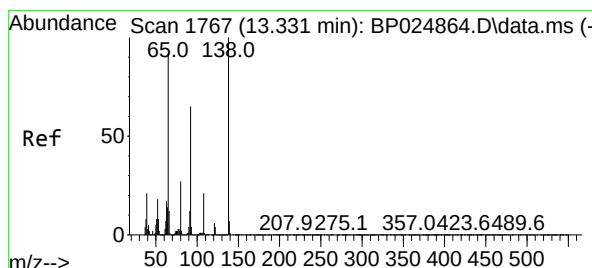
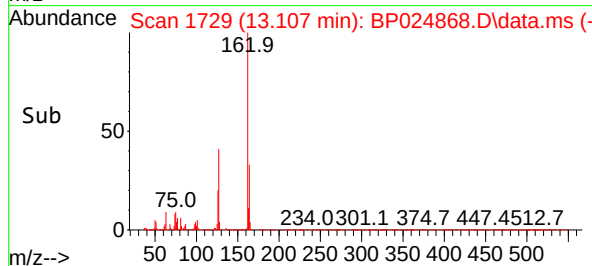
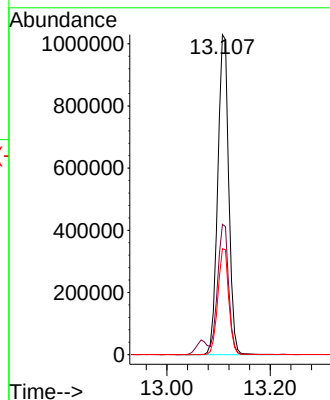
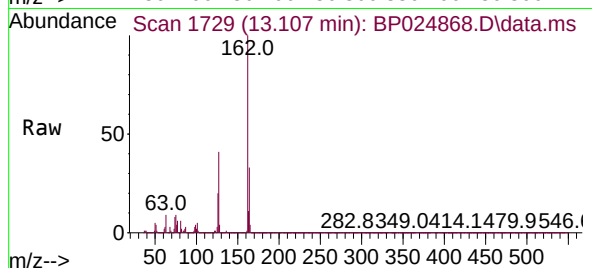
164 33.1 26.2 39.2

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#48

2-Nitroaniline

Concen: 40.813 ng

RT: 13.331 min Scan# 1767

Delta R.T. -0.000 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

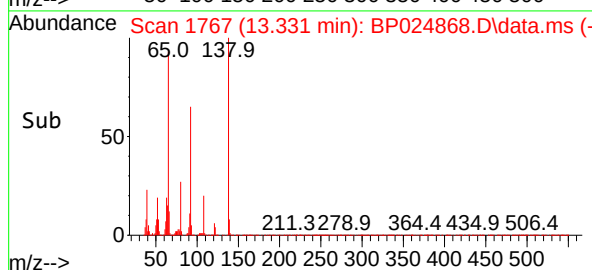
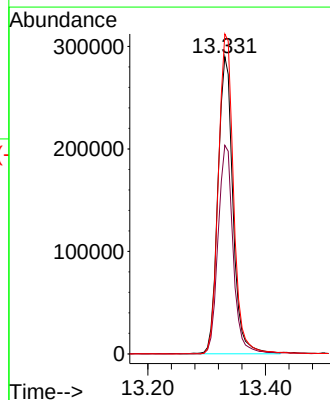
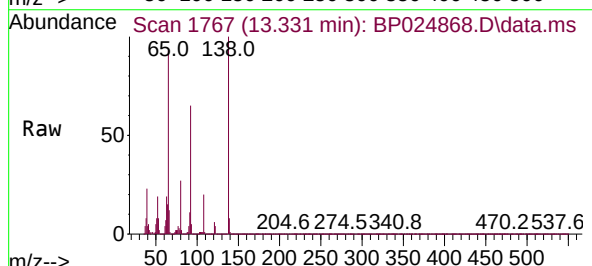
Tgt Ion: 65 Resp: 515024

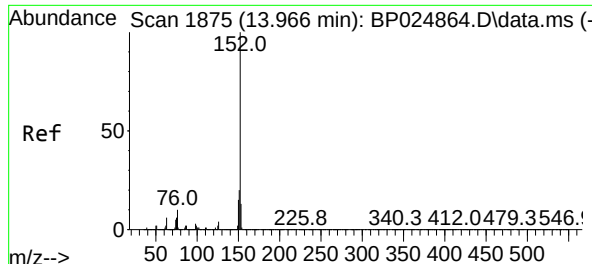
Ion Ratio Lower Upper

65 100

92 70.2 56.8 85.2

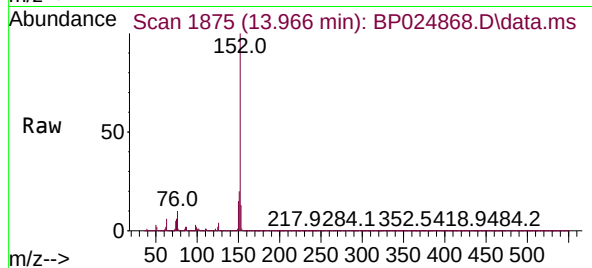
138 107.7 86.9 130.3





#49
Acenaphthylene
Concen: 37.274 ng
RT: 13.966 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

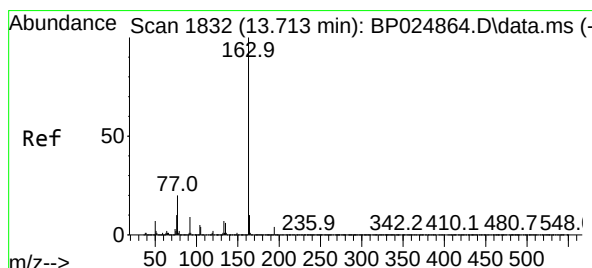
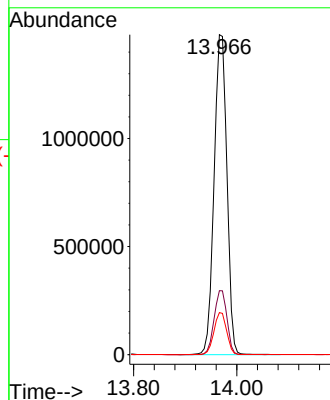
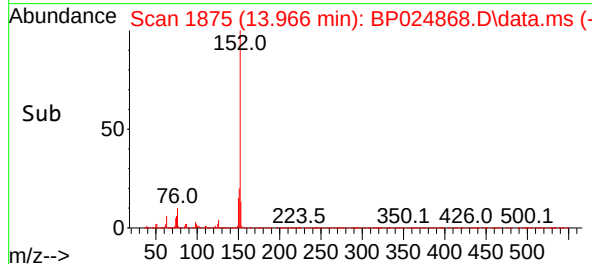
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



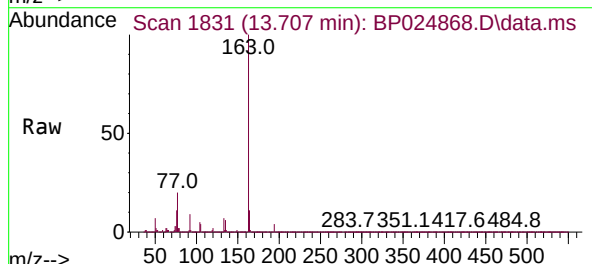
Tgt Ion:152 Resp: 2551023
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.1 10.6 15.8

Manual Integrations
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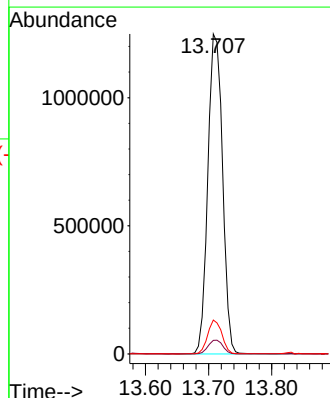
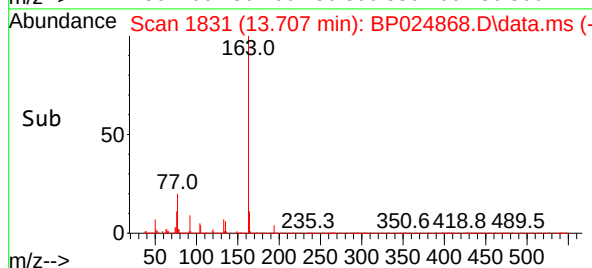
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

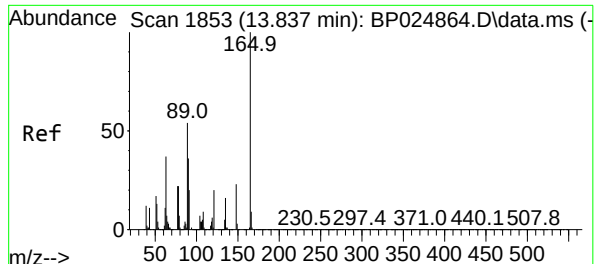


#50
Dimethylphthalate
Concen: 37.185 ng
RT: 13.707 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09



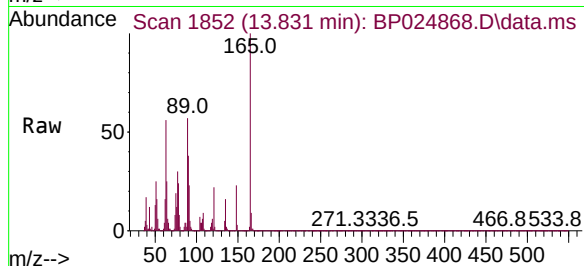
Tgt Ion:163 Resp: 2015820
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.6 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 38.111 ng
RT: 13.831 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

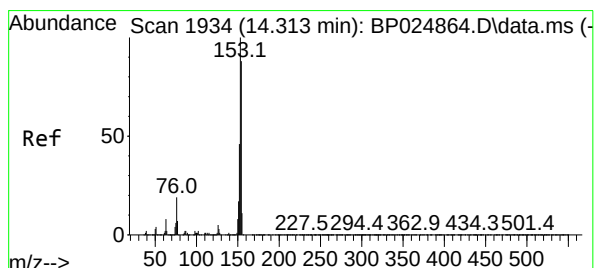
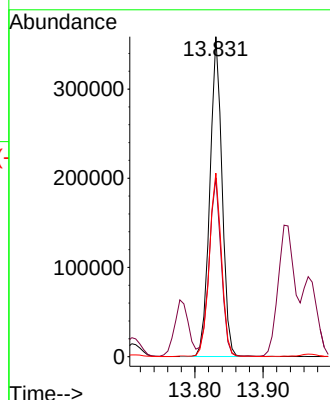
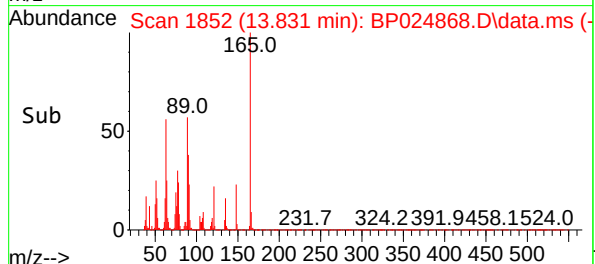
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion:165 Resp: 445393
Ion Ratio Lower Upper
165 100
63 55.8 41.8 62.8
89 57.3 43.1 64.7

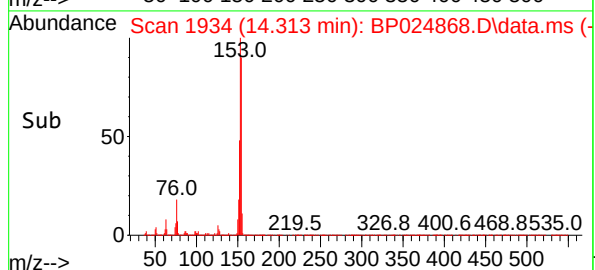
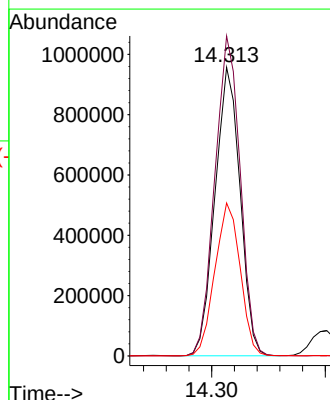
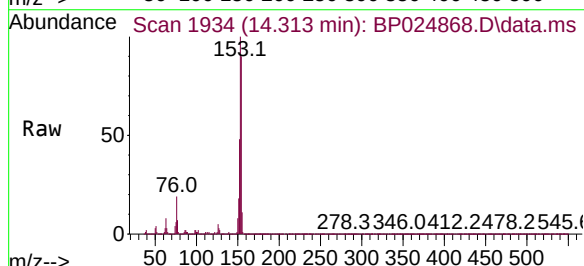
Manual Integrations
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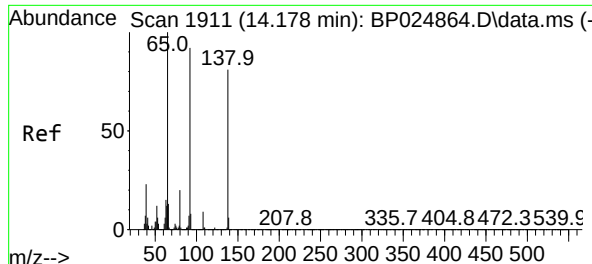
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#52
Acenaphthene
Concen: 37.472 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

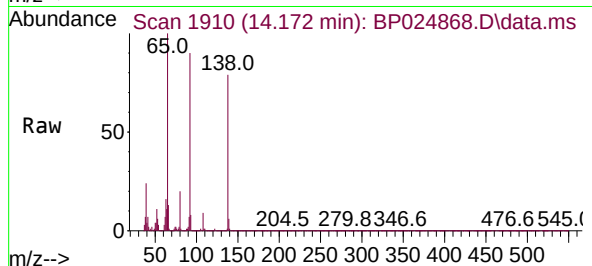
Tgt Ion:154 Resp: 1469566
Ion Ratio Lower Upper
154 100
153 110.9 90.5 135.7
152 53.0 42.1 63.1





#53
3-Nitroaniline
Concen: 40.626 ng
RT: 14.172 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

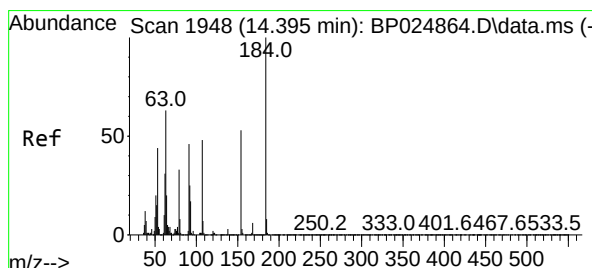
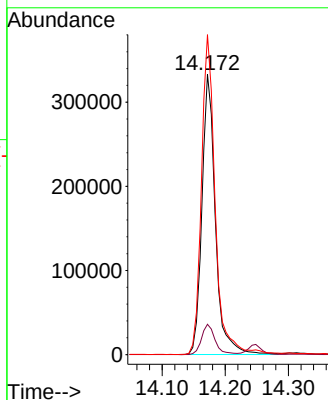
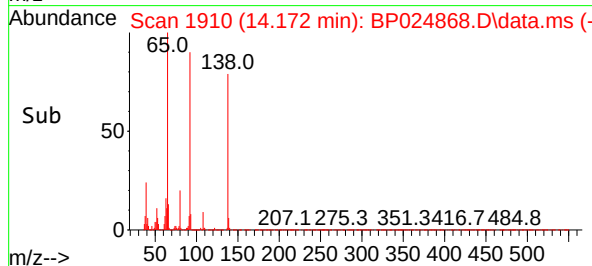
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion:138 Resp: 492714
Ion Ratio Lower Upper
138 100
108 10.8 8.6 12.8
92 114.2 91.3 136.9

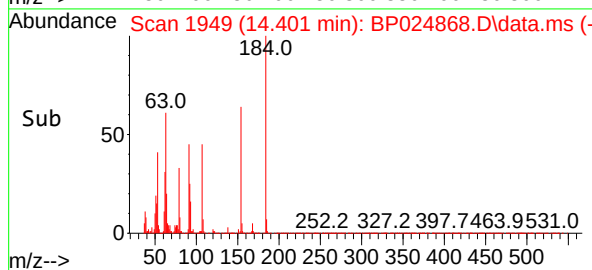
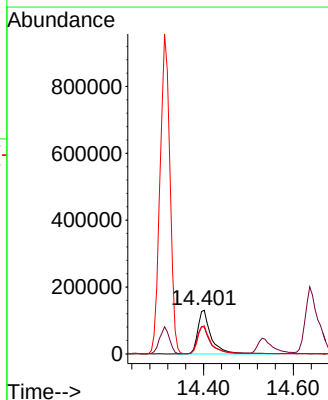
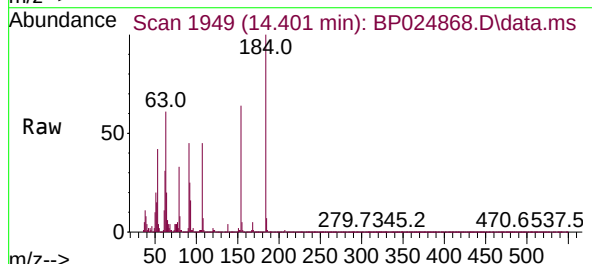
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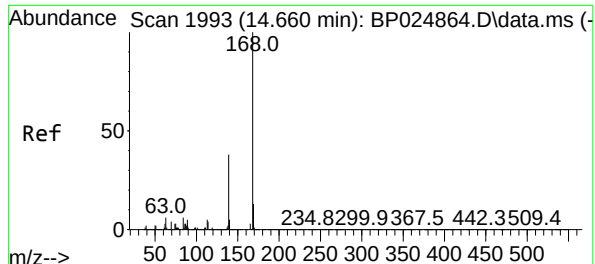
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#54
2,4-Dinitrophenol
Concen: 38.197 ng
RT: 14.401 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:184 Resp: 266900
Ion Ratio Lower Upper
184 100
63 61.0 51.0 76.4
154 64.2 51.7 77.5





#55

Dibenzenofuran

Concen: 36.605 ng

RT: 14.660 min Scan# 1993

Delta R.T. -0.000 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion:168 Resp: 2304340

Ion Ratio Lower Upper

168 100

139 40.8 31.6 47.4

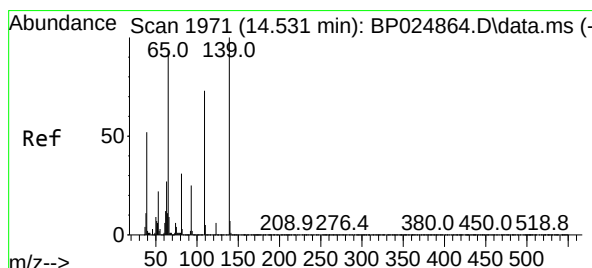
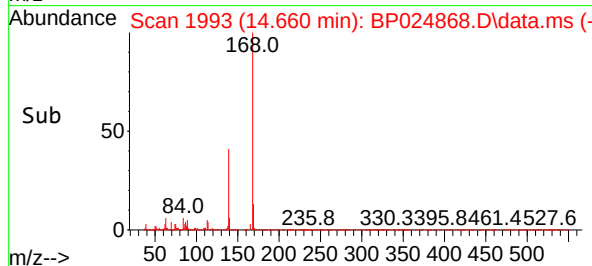
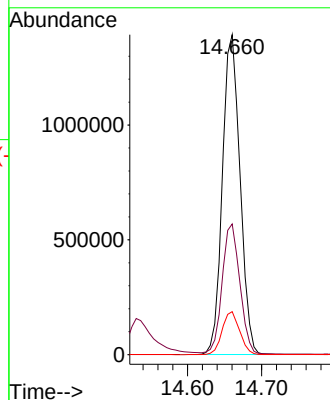
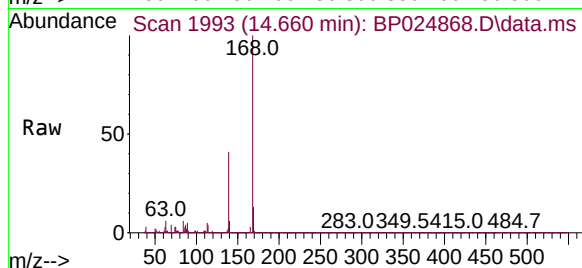
169 13.5 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#56

4-Nitrophenol

Concen: 38.363 ng

RT: 14.531 min Scan# 1971

Delta R.T. -0.000 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

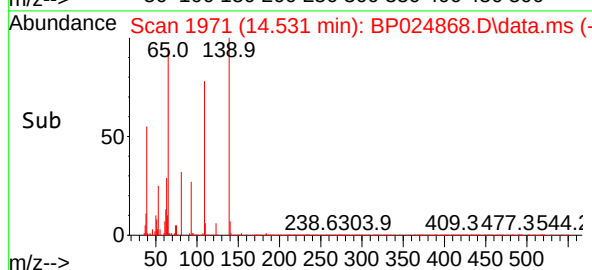
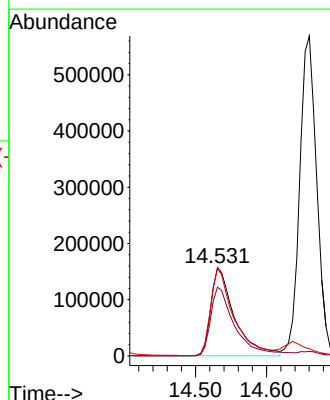
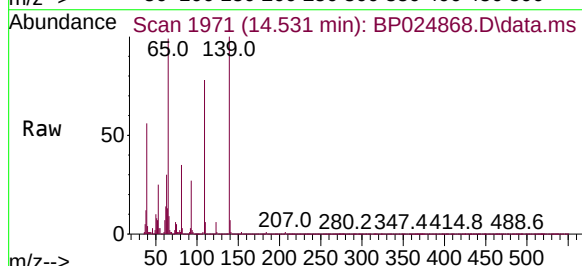
Tgt Ion:139 Resp: 362887

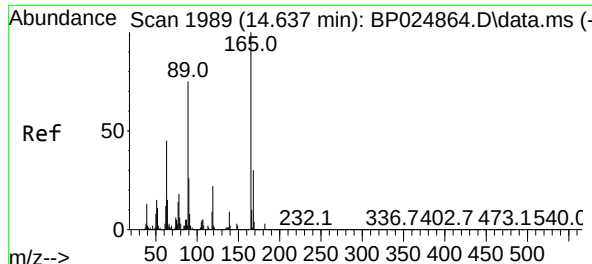
Ion Ratio Lower Upper

139 100

109 77.7 53.1 93.1

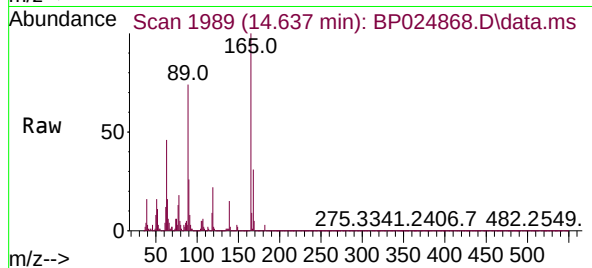
65 99.0 73.0 113.0





#57
2,4-Dinitrotoluene
Concen: 38.936 ng
RT: 14.637 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

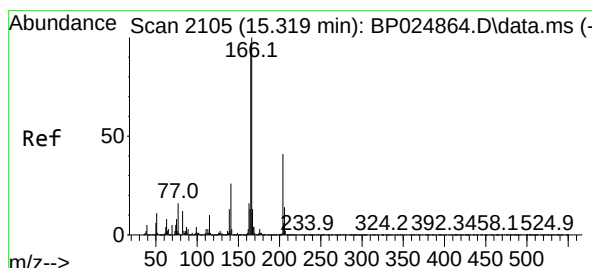
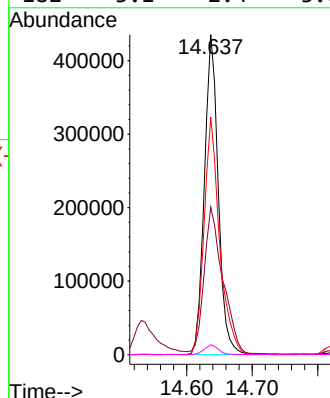
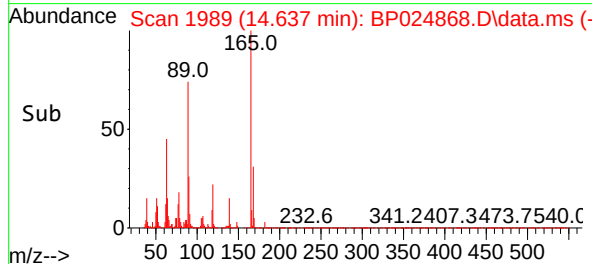
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion:165 Resp: 636513
Ion Ratio Lower Upper
165 100
63 46.1 37.0 55.6
89 74.3 60.1 90.1
182 3.1 2.4 3.6

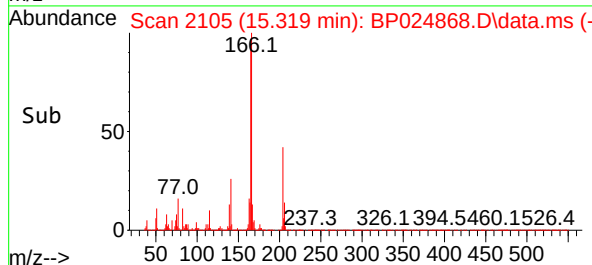
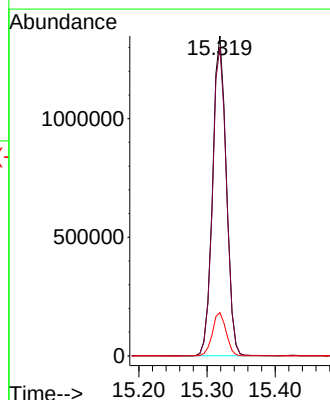
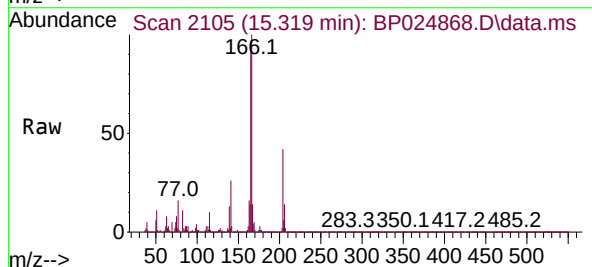
Manual Integrations
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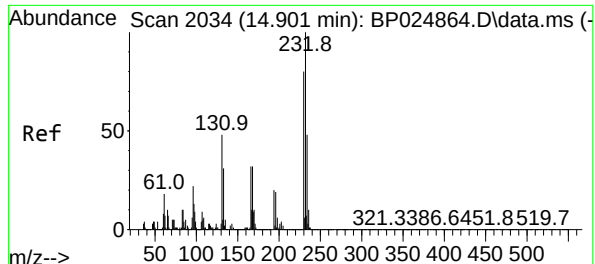
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#58
Fluorene
Concen: 37.043 ng
RT: 15.319 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:166 Resp: 1883765
Ion Ratio Lower Upper
166 100
165 96.5 77.7 116.5
167 13.5 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.401 ng

RT: 14.901 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion:232 Resp: 514561

Ion Ratio Lower Upper

232 100

131 48.0 38.2 57.2

130 2.6 2.1 3.1

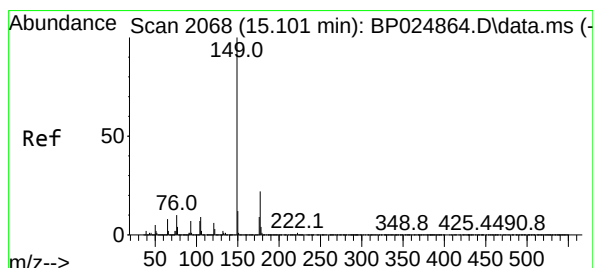
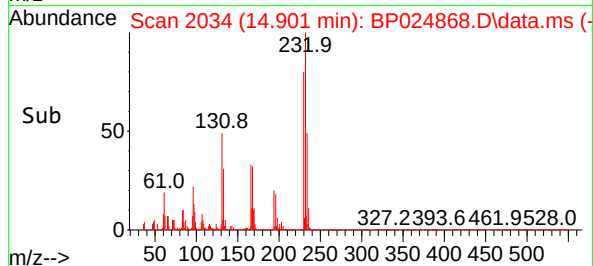
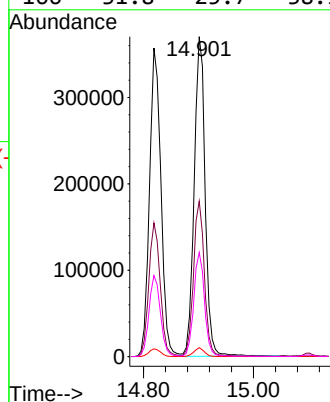
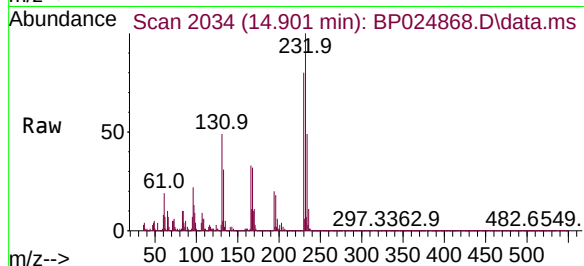
166 31.8 25.7 38.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#60

Diethylphthalate

Concen: 37.642 ng

RT: 15.101 min Scan# 2068

Delta R.T. -0.000 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

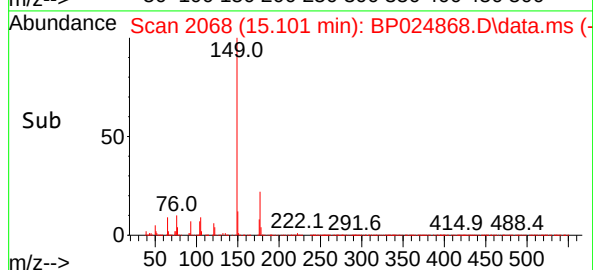
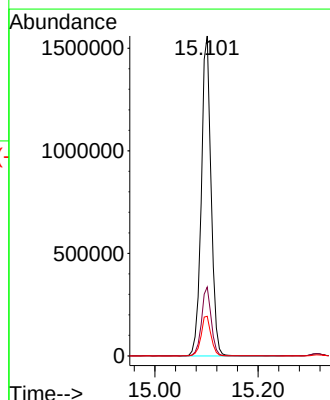
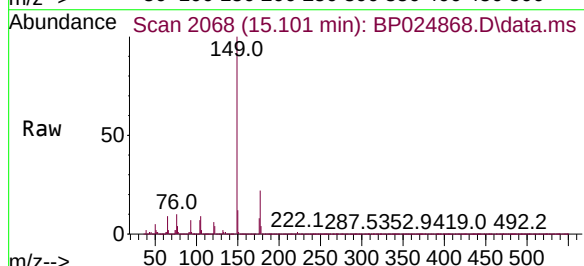
Tgt Ion:149 Resp: 2033664

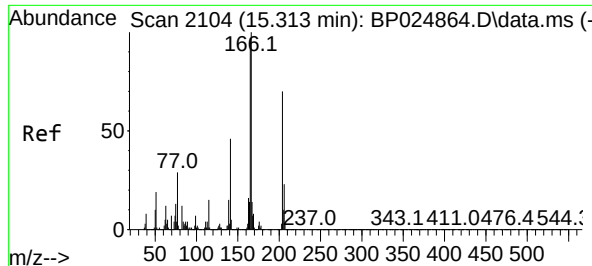
Ion Ratio Lower Upper

149 100

177 21.6 17.9 26.9

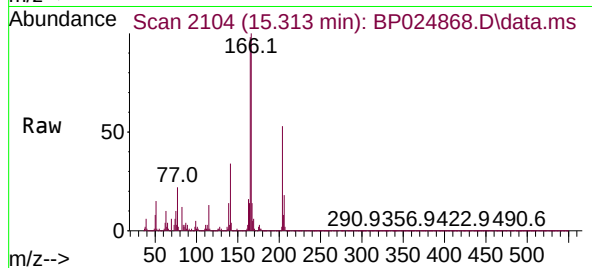
150 12.4 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 36.814 ng
RT: 15.313 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

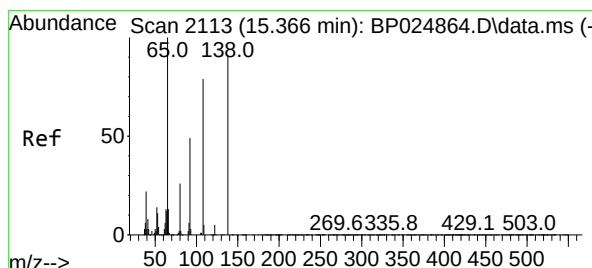
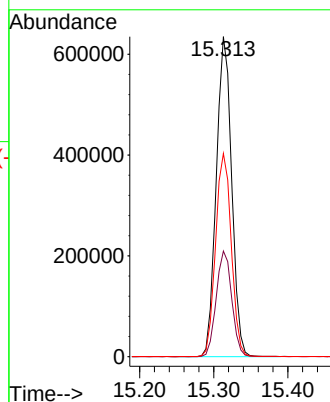
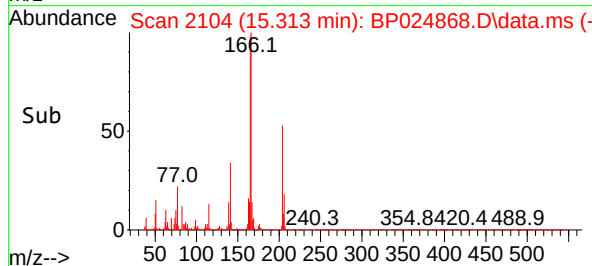
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion:204 Resp: 915384
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 63.5 52.4 78.6

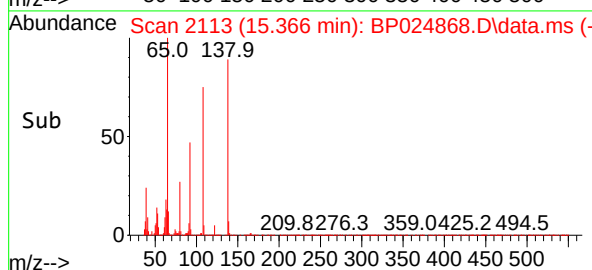
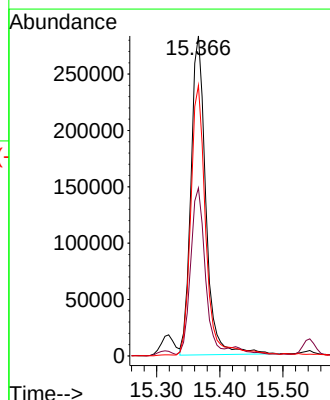
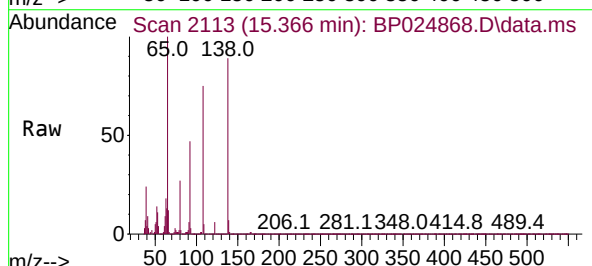
Manual Integrations
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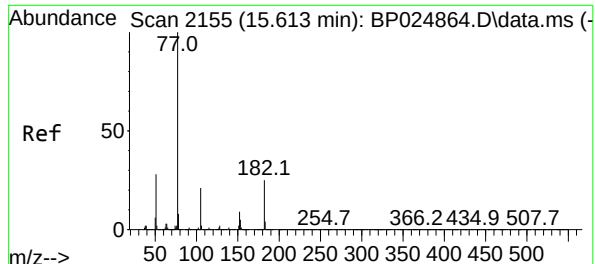
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#62
4-Nitroaniline
Concen: 42.233 ng
RT: 15.366 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

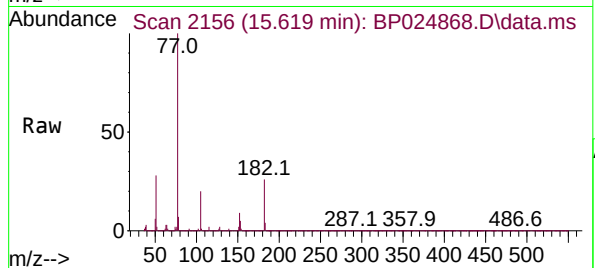
Tgt Ion:138 Resp: 464418
Ion Ratio Lower Upper
138 100
92 52.5 33.5 73.5
108 84.5 65.1 105.1





#63
Azobenzene
Concen: 38.217 ng
RT: 15.619 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

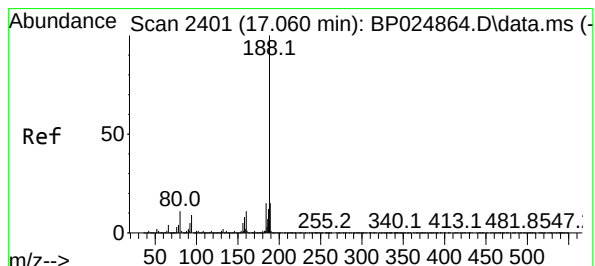
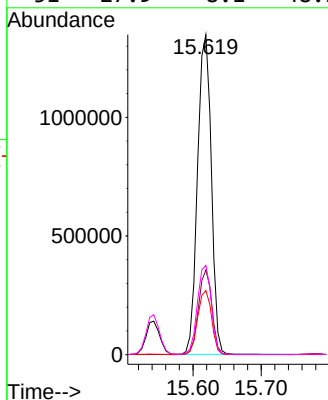
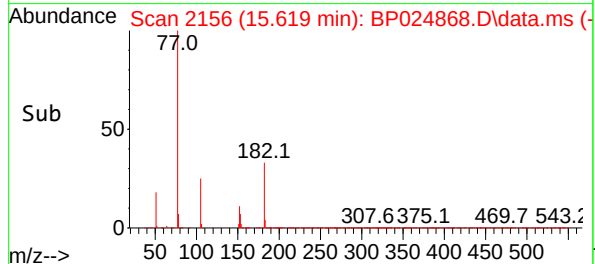
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



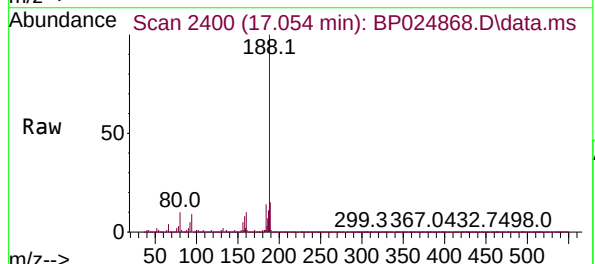
Tgt Ion: 77 Resp: 1893664
Ion Ratio Lower Upper
77 100
182 26.4 5.4 45.4
105 20.0 0.8 40.8
51 27.9 8.1 48.1

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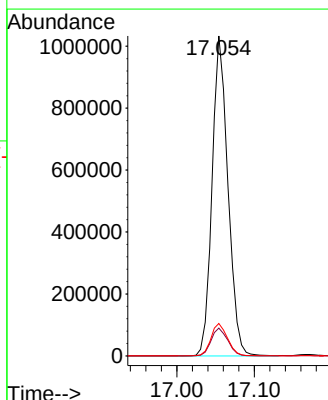
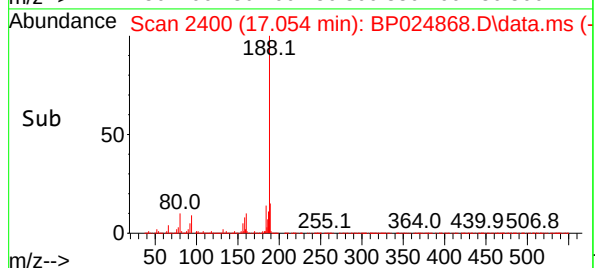
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

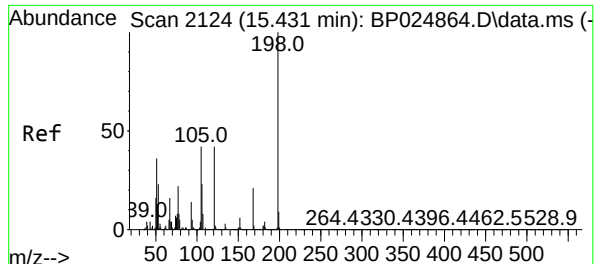


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09



Tgt Ion:188 Resp: 1466437
Ion Ratio Lower Upper
188 100
94 8.7 7.3 10.9
80 10.1 8.5 12.7





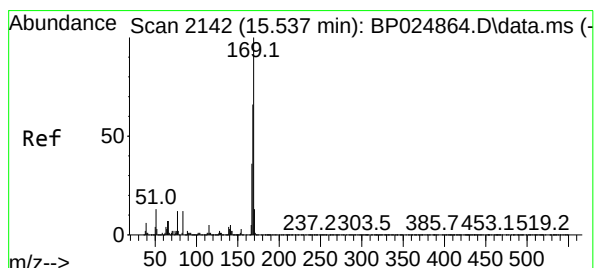
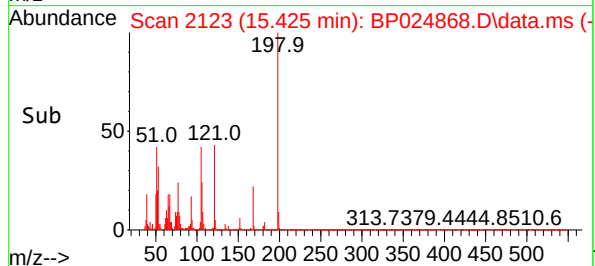
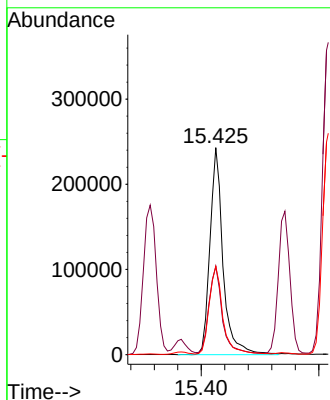
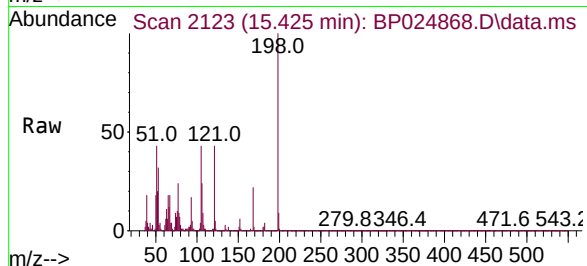
#65
4,6-Dinitro-2-methylphenol
Concen: 38.956 ng
RT: 15.425 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Tgt Ion:198 Resp: 375376
Ion Ratio Lower Upper
198 100
51 42.7 19.2 59.2
105 42.6 22.6 62.6

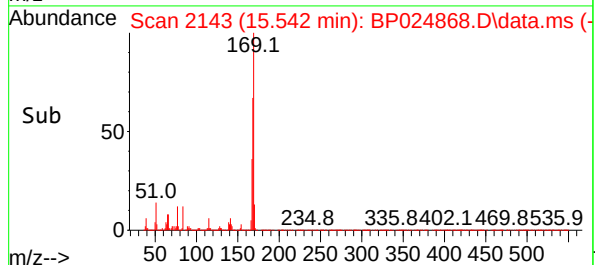
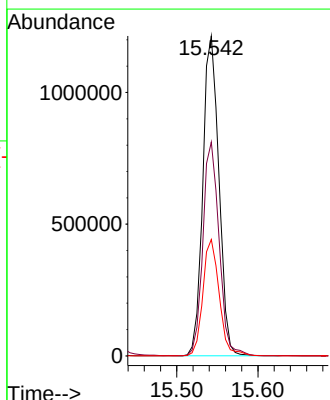
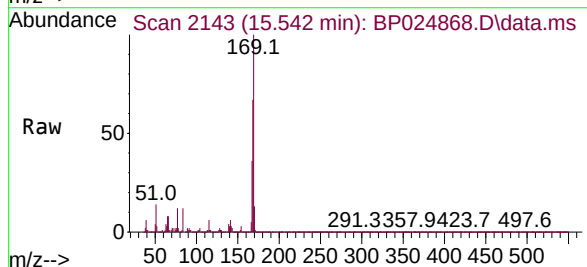
Manual Integrations
APPROVED

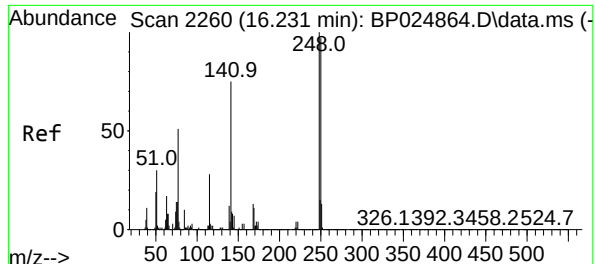
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#66
n-Nitrosodiphenylamine
Concen: 36.846 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

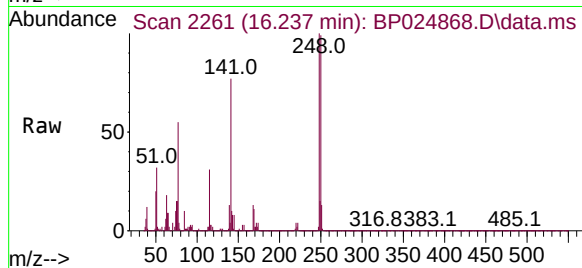
Tgt Ion:169 Resp: 1674745
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.6
167 36.4 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 35.890 ng
RT: 16.237 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

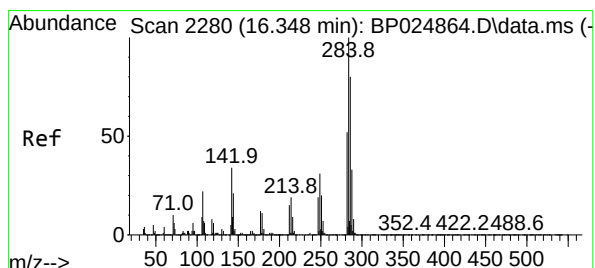
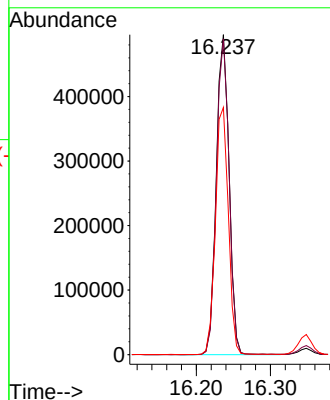
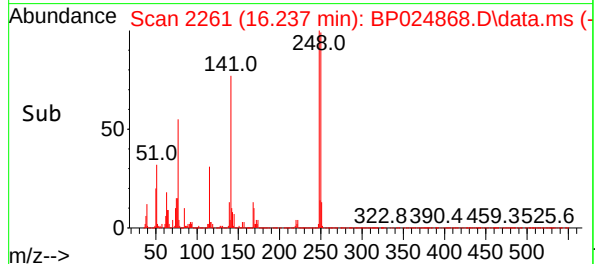
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion:248 Resp: 593842
Ion Ratio Lower Upper
248 100
250 98.7 77.4 116.2
141 77.2 59.9 89.9

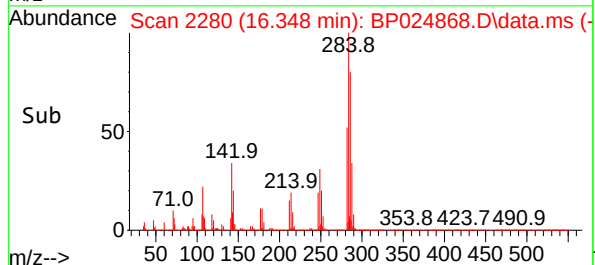
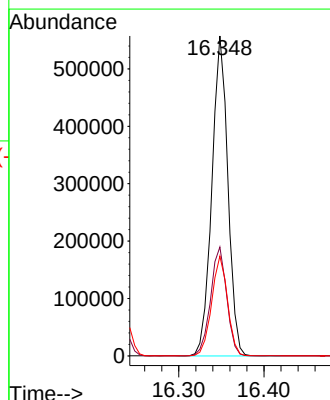
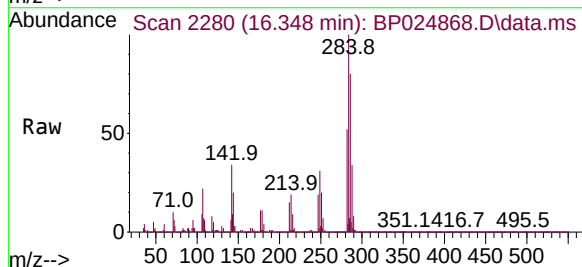
Manual Integrations
APPROVED

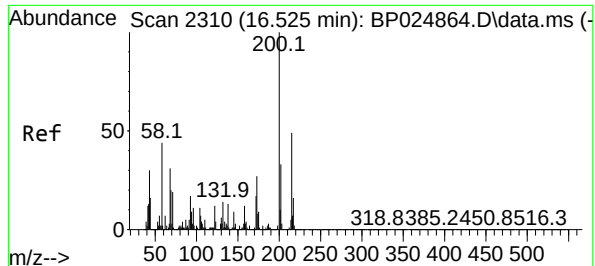
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#68
Hexachlorobenzene
Concen: 36.182 ng
RT: 16.348 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

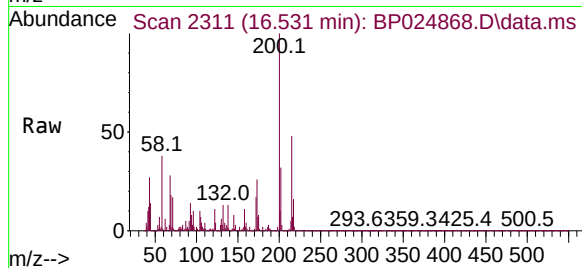
Tgt Ion:284 Resp: 725771
Ion Ratio Lower Upper
284 100
142 34.0 27.0 40.6
249 31.2 25.0 37.6





#69
Atrazine
Concen: 37.108 ng
RT: 16.531 min Scan# 2311
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

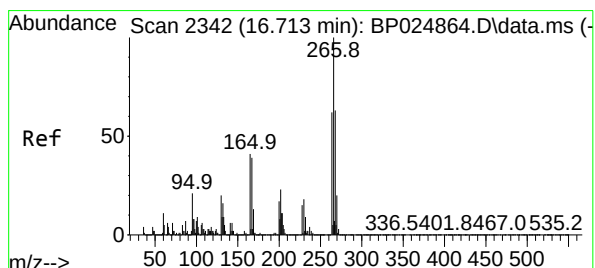
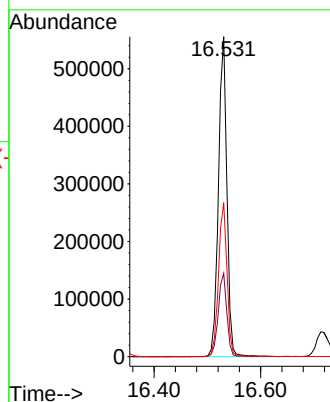
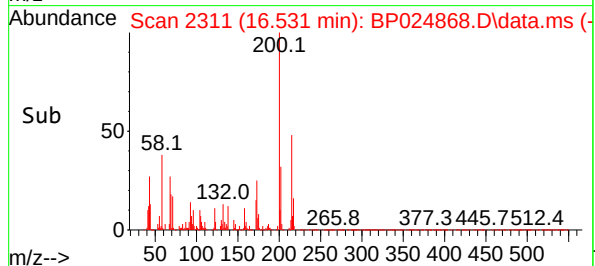
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion:200 Resp: 611440
Ion Ratio Lower Upper
200 100
173 26.0 6.9 46.9
215 48.1 28.7 68.7

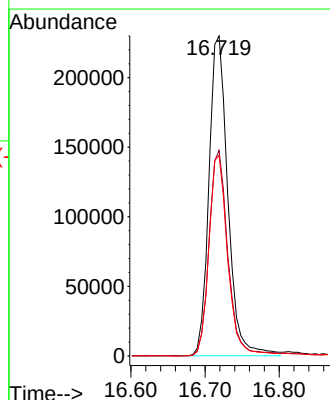
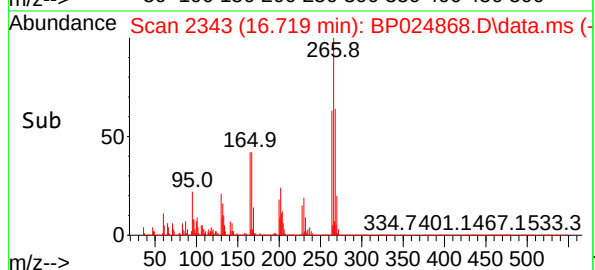
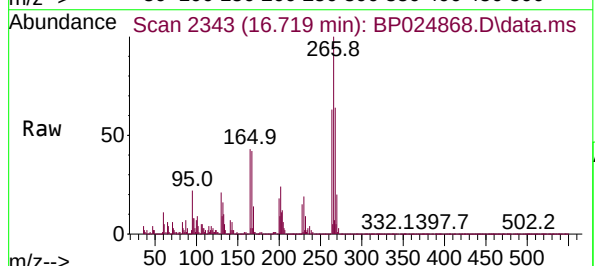
Manual Integrations
APPROVED

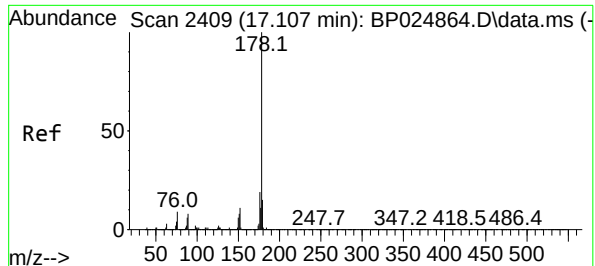
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#70
Pentachlorophenol
Concen: 39.247 ng
RT: 16.719 min Scan# 2343
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

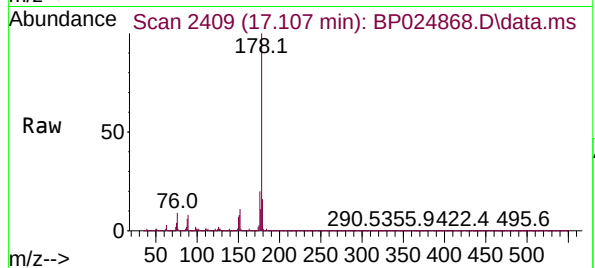
Tgt Ion:266 Resp: 407441
Ion Ratio Lower Upper
266 100
268 64.2 50.6 76.0
264 62.7 49.7 74.5





#71
Phenanthrene
Concen: 36.595 ng
RT: 17.107 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

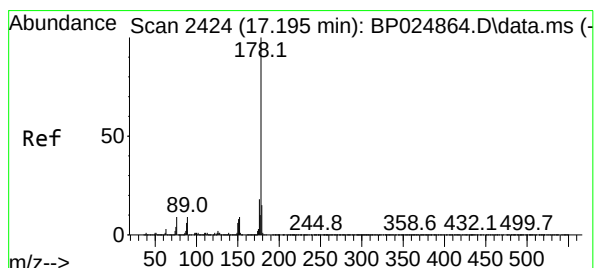
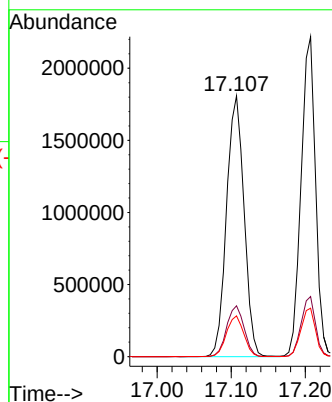
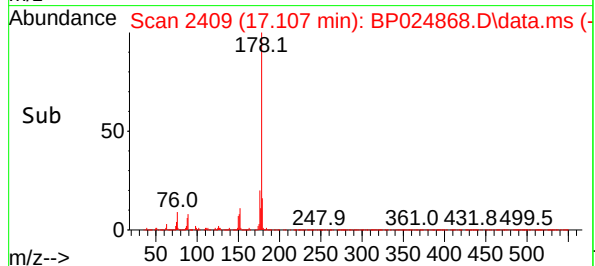
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion:178 Resp: 2965536
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.6 12.1 18.1

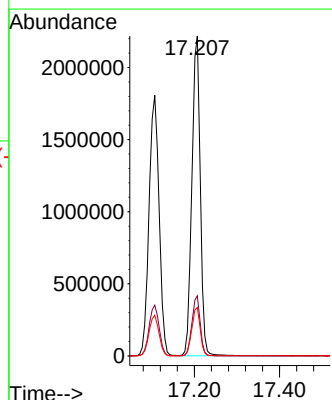
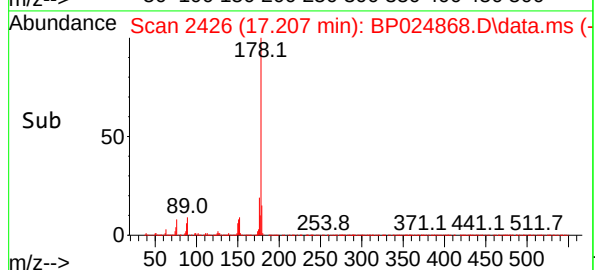
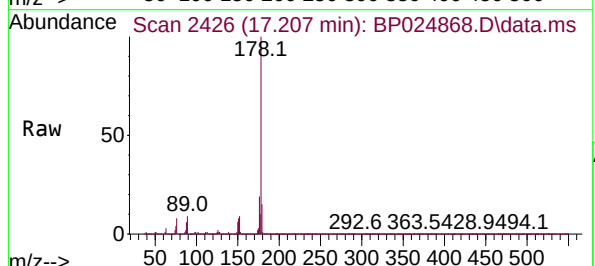
Manual Integrations
APPROVED

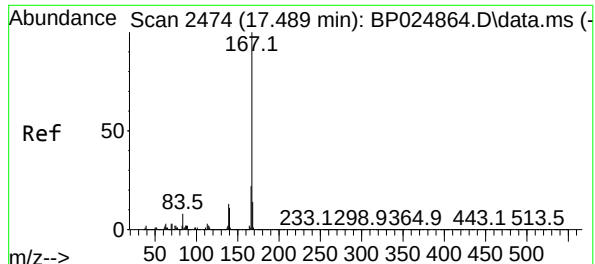
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#72
Anthracene
Concen: 36.903 ng
RT: 17.207 min Scan# 2426
Delta R.T. 0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

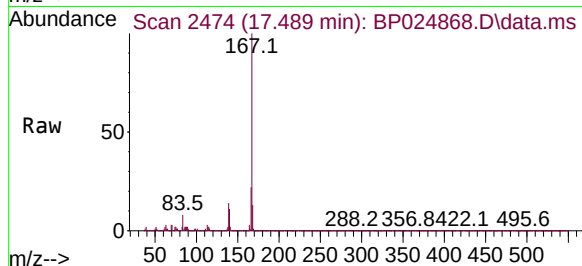
Tgt Ion:178 Resp: 3028697
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.1 12.3 18.5





#73
Carbazole
Concen: 37.755 ng
RT: 17.489 min Scan# 2474
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

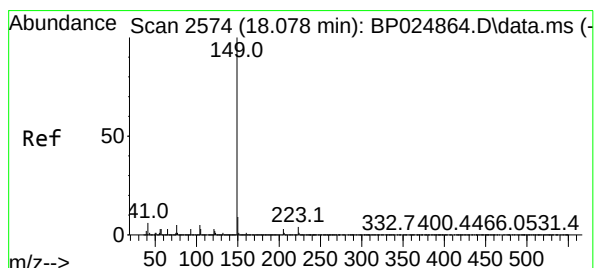
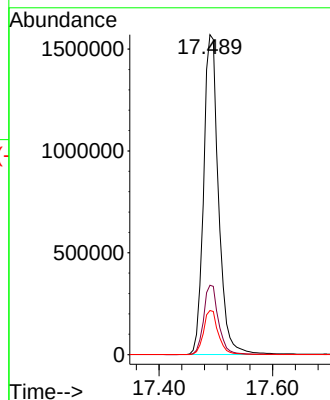
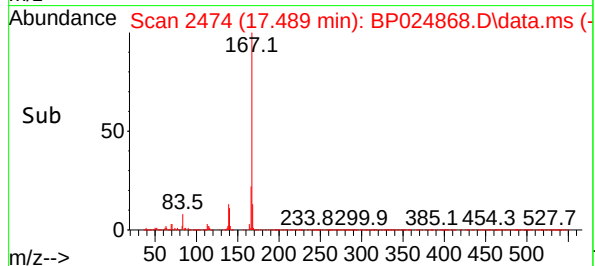
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion:167 Resp: 2872120
Ion Ratio Lower Upper
167 100
166 21.7 17.3 25.9
139 13.8 10.8 16.2

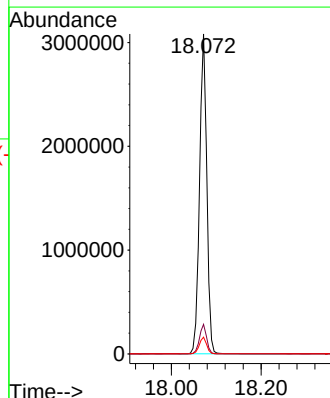
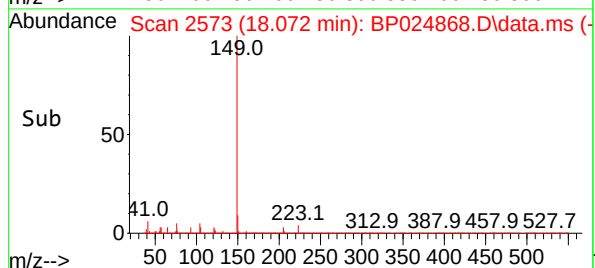
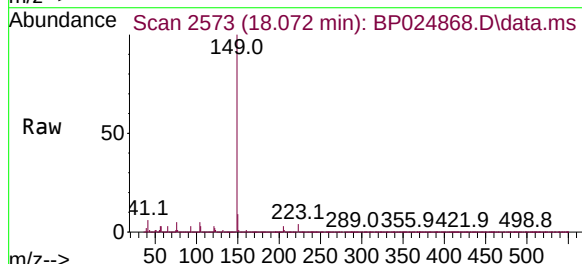
Manual Integrations
APPROVED

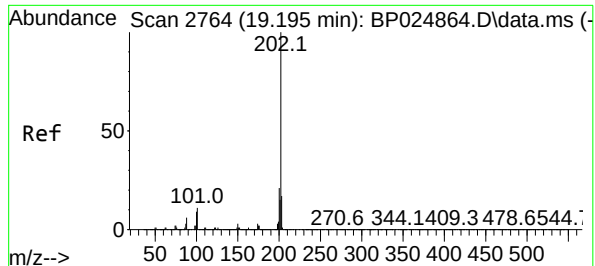
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#74
Di-n-butylphthalate
Concen: 36.500 ng
RT: 18.072 min Scan# 2573
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

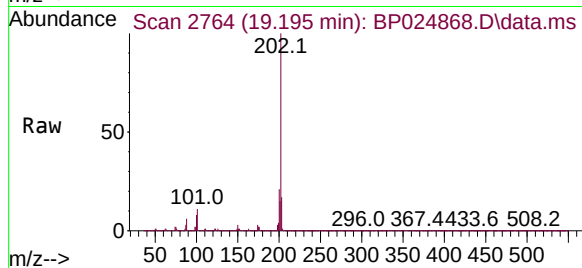
Tgt Ion:149 Resp: 3440228
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 36.337 ng
RT: 19.195 min Scan# 2764
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

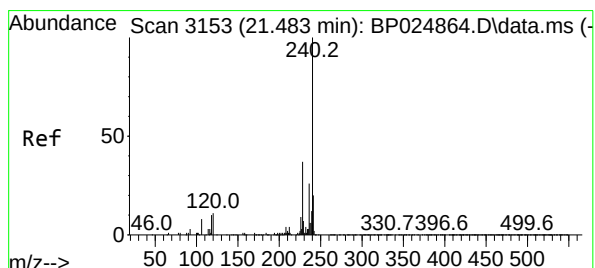
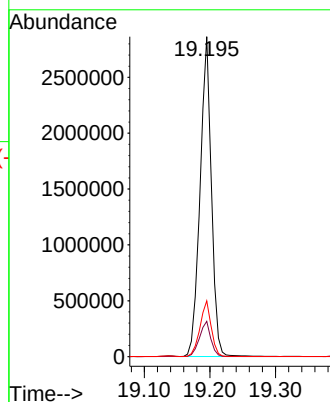
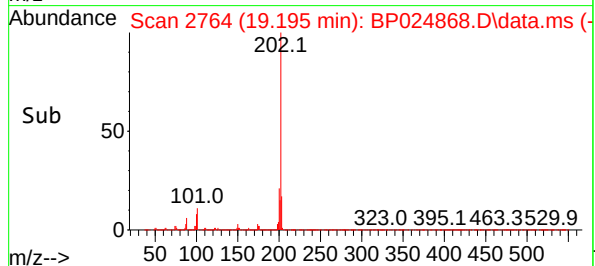
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion:202 Resp: 3413021
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.4
203 17.4 0.0 37.5

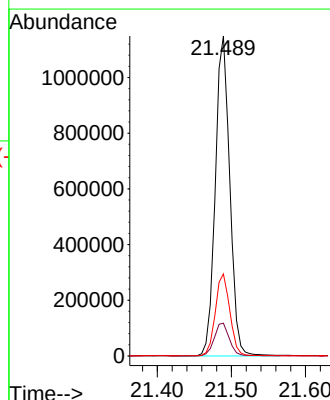
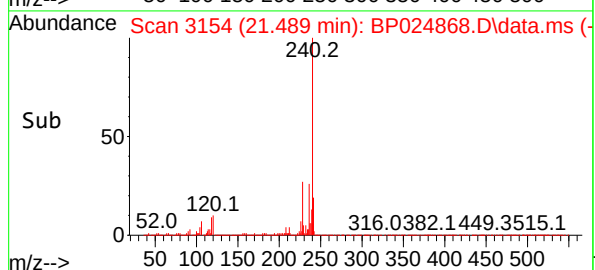
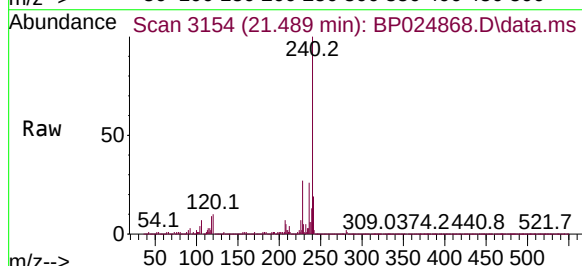
Manual Integrations
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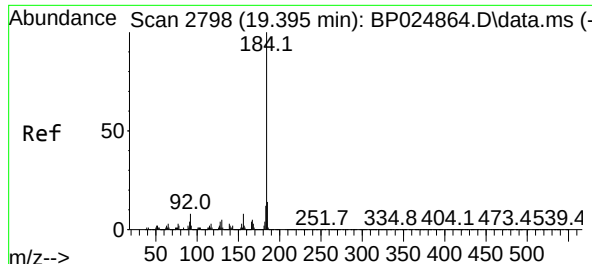
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:240 Resp: 1557824
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 25.6 20.9 31.3





#77

Benzidine

Concen: 44.696 ng

RT: 19.395 min Scan# 2798

Delta R.T. -0.000 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion:184 Resp: 2156500

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.0

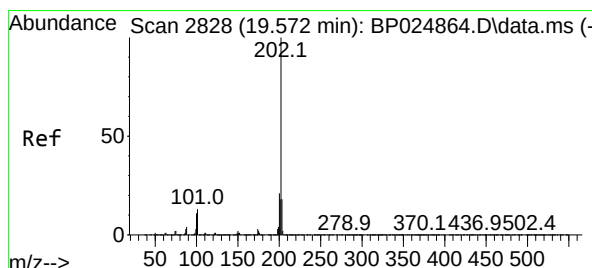
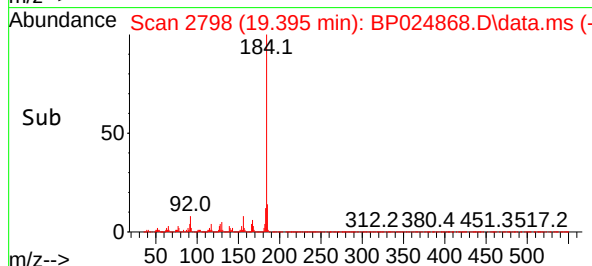
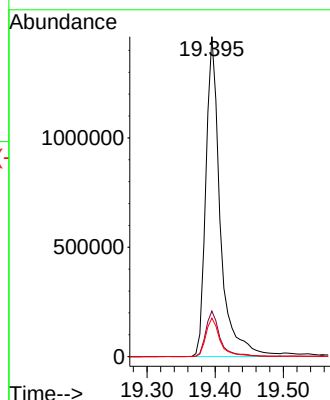
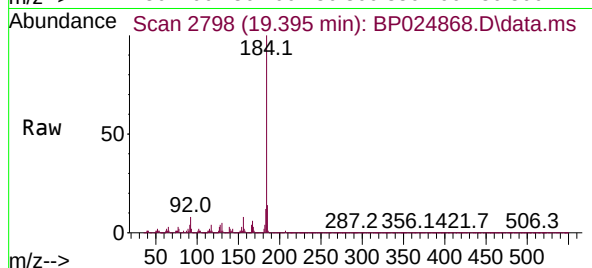
183 12.0 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#78

Pyrene

Concen: 36.241 ng

RT: 19.572 min Scan# 2828

Delta R.T. -0.000 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

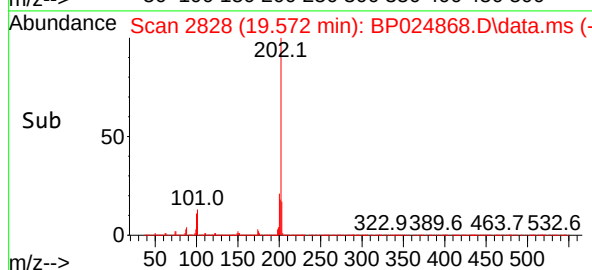
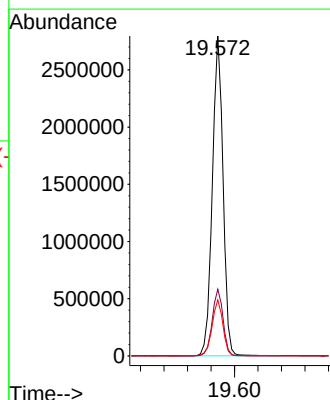
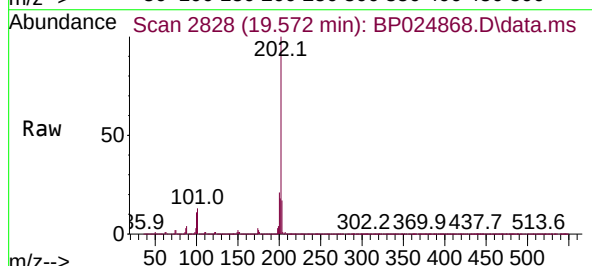
Tgt Ion:202 Resp: 3527120

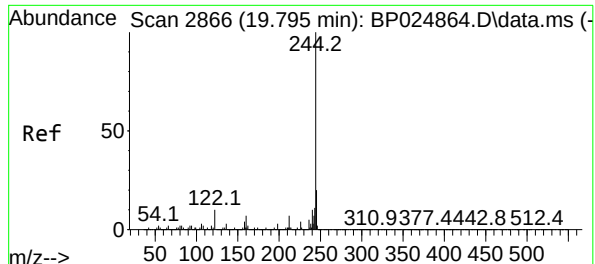
Ion Ratio Lower Upper

202 100

200 20.9 17.1 25.7

203 17.5 14.0 21.0





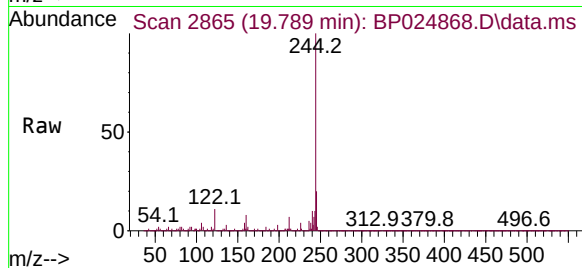
#79
Terphenyl-d14
Concen: 62.551 ng
RT: 19.789 min Scan# 2865
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625



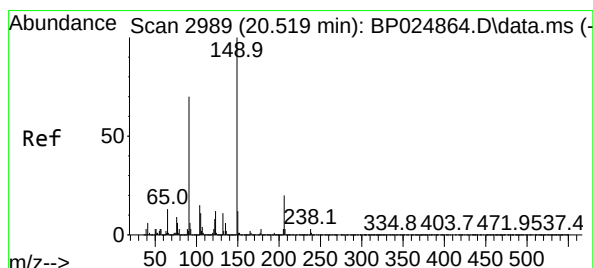
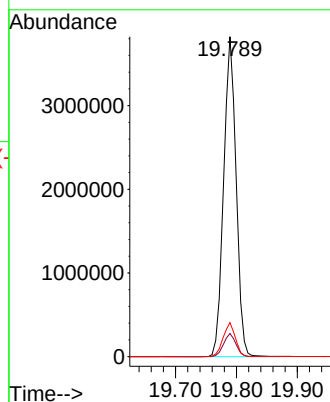
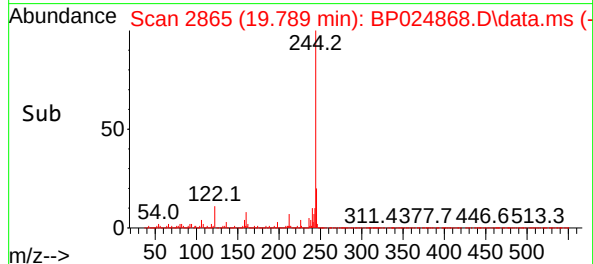
Tgt Ion:244 Resp: 5436960
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 10.6 7.7 11.5

Manual Integrations

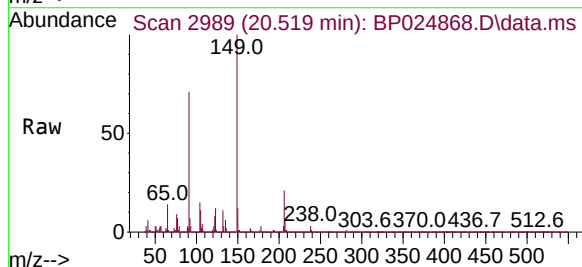
APPROVED

Reviewed By :Rahul Chavli 06/09/2025

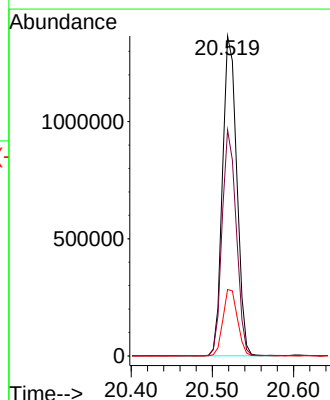
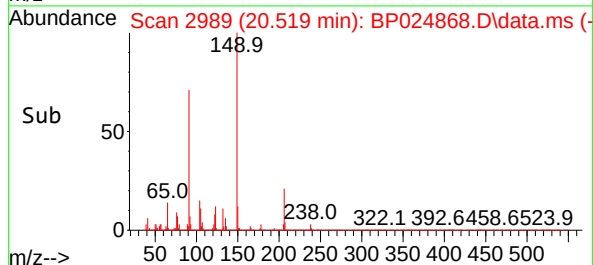
Supervised By :Jagrut Upadhyay 06/09/2025

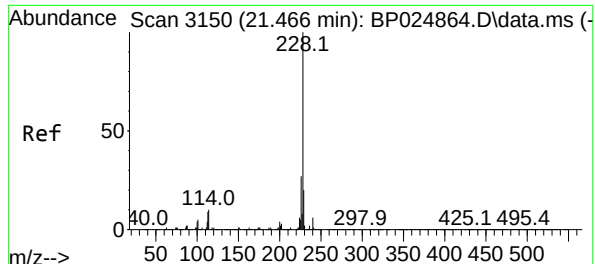


#80
Butylbenzylphthalate
Concen: 37.347 ng
RT: 20.519 min Scan# 2989
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09



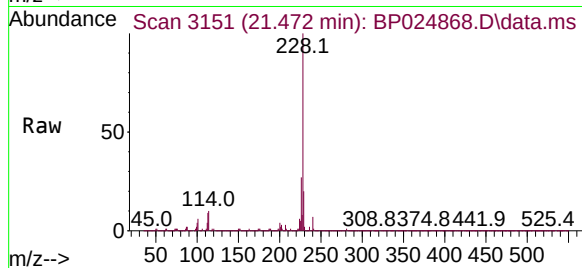
Tgt Ion:149 Resp: 1664895
Ion Ratio Lower Upper
149 100
91 70.6 55.8 83.8
206 20.7 16.2 24.2





#81
Benzo(a)anthracene
Concen: 36.741 ng
RT: 21.472 min Scan# 3151
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

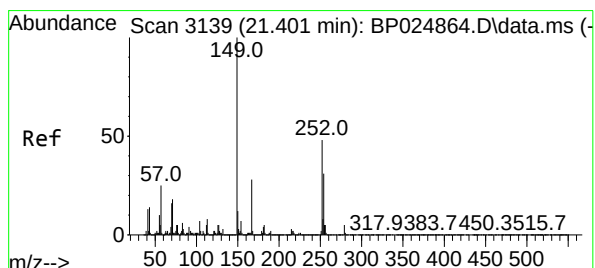
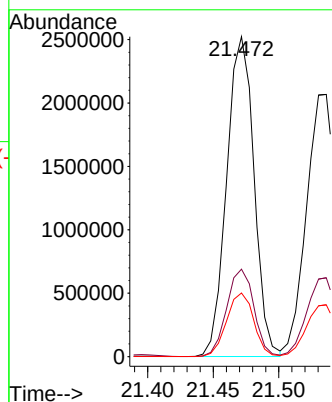
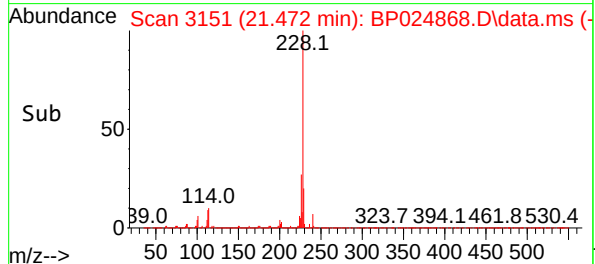
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion:228 Resp: 3660732
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.9 15.9 23.9

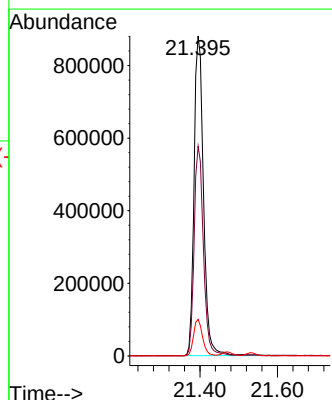
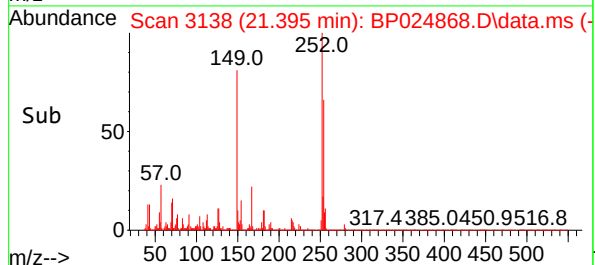
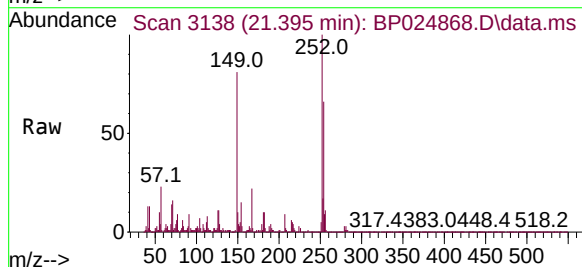
Manual Integrations
APPROVED

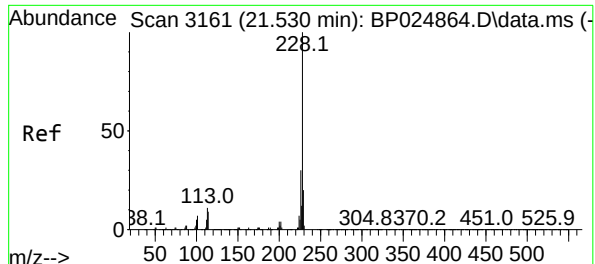
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#82
3,3'-Dichlorobenzidine
Concen: 37.613 ng
RT: 21.395 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

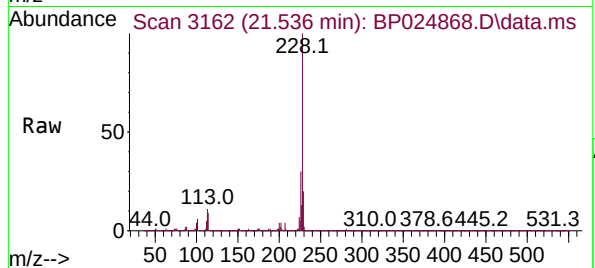
Tgt Ion:252 Resp: 1487801
Ion Ratio Lower Upper
252 100
254 65.5 51.2 76.8
126 11.4 8.6 12.8





#83
Chrysene
Concen: 36.421 ng
RT: 21.536 min Scan# 3161
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

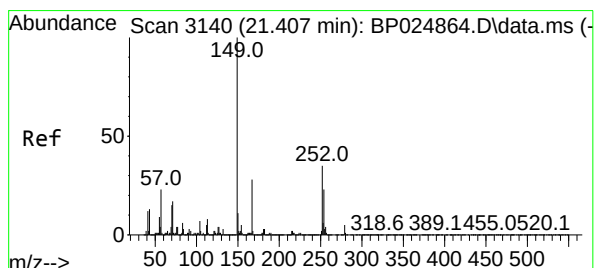
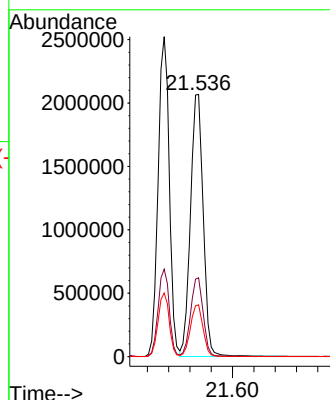
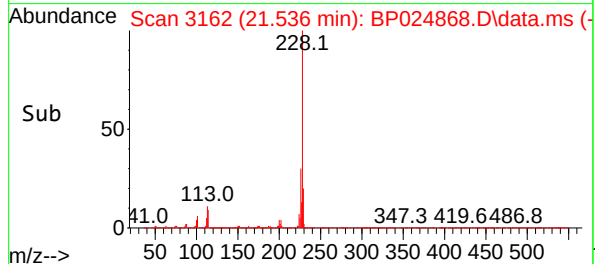
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion:228 Resp: 343839
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.6
229 19.8 15.6 23.4

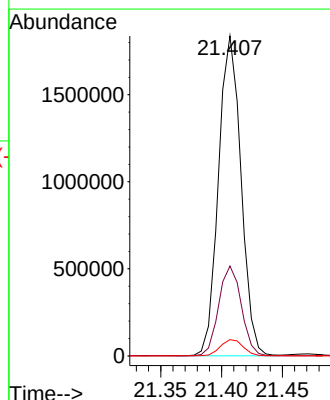
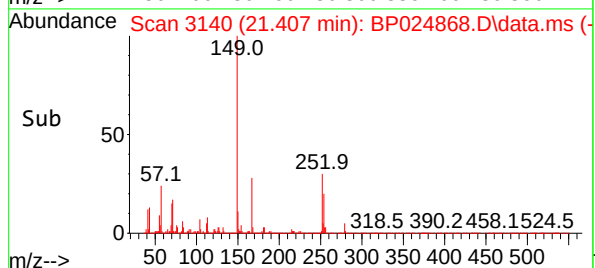
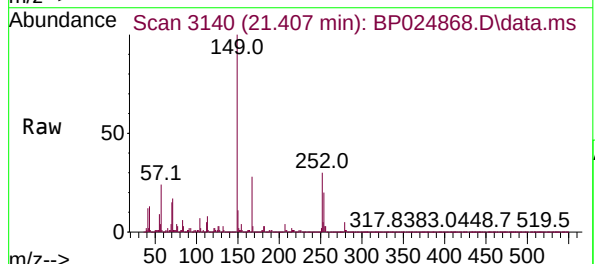
Manual Integrations
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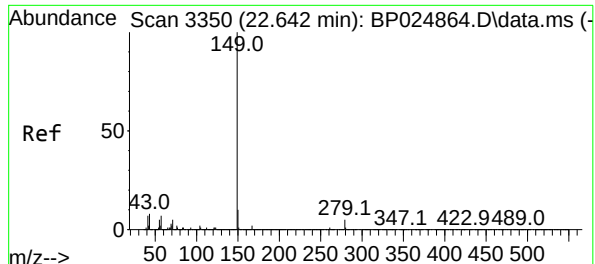
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.041 ng
RT: 21.407 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:149 Resp: 2365859
Ion Ratio Lower Upper
149 100
167 28.1 22.2 33.4
279 5.1 4.0 6.0





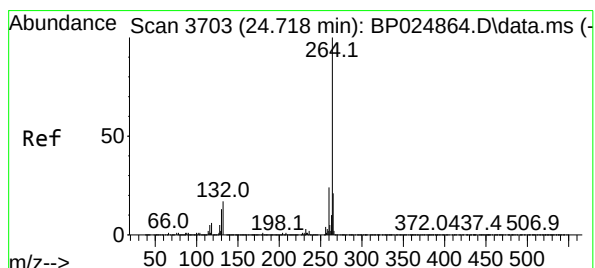
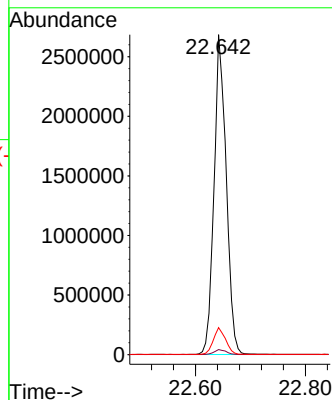
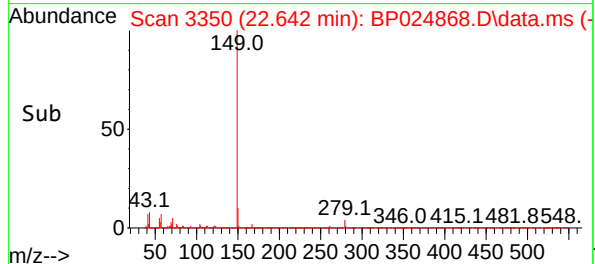
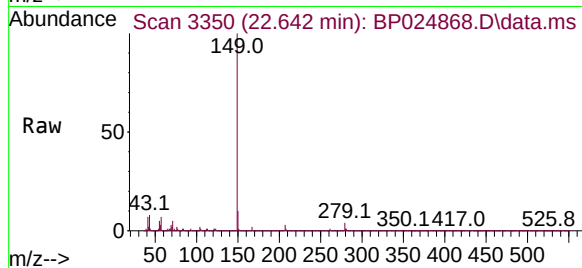
#85
Di-n-octyl phthalate
Concen: 36.654 ng
RT: 22.642 min Scan# 3350
Delta R.T. -0.000 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Tgt Ion:149 Resp: 4126479
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 6.6 10.0

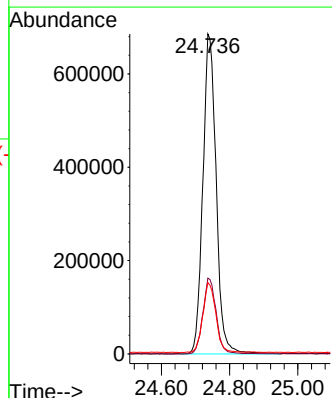
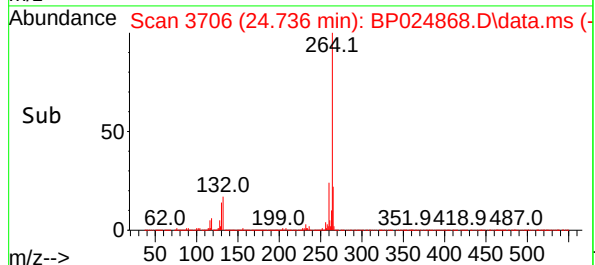
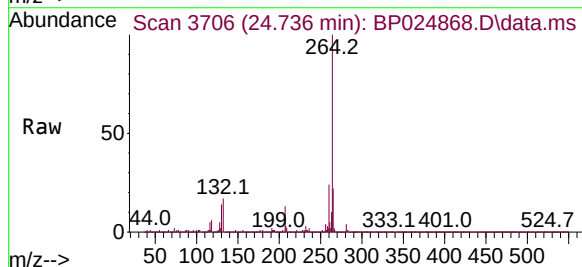
Manual Integrations
APPROVED

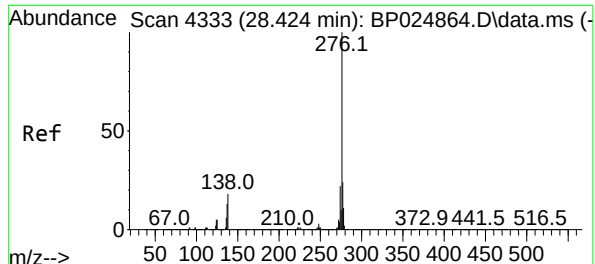
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.736 min Scan# 3706
Delta R.T. 0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

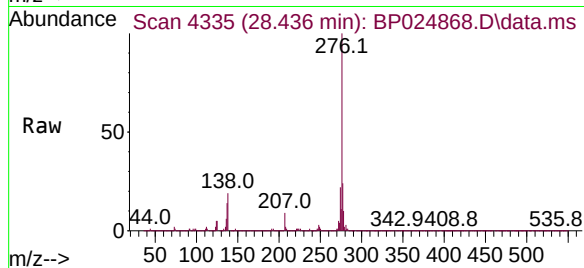
Tgt Ion:264 Resp: 1860226
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 22.3 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 37.578 ng
RT: 28.436 min Scan# 4333
Delta R.T. 0.012 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

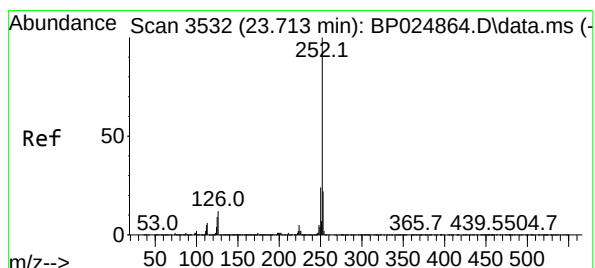
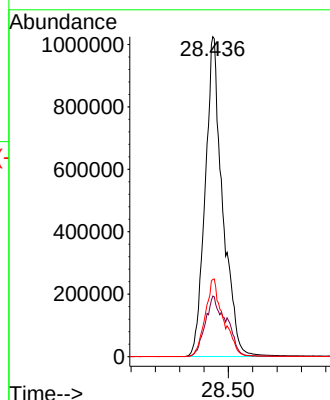
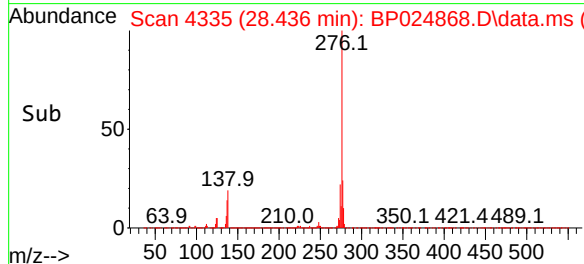
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion: 276 Resp: 5100289
Ion Ratio Lower Upper
276 100
138 22.9 18.6 27.8
277 25.3 20.2 30.4

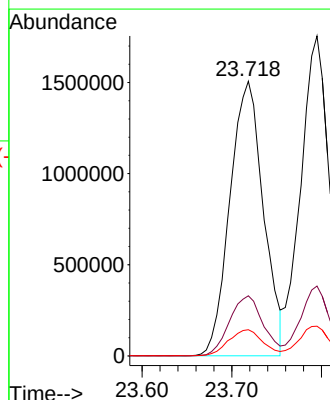
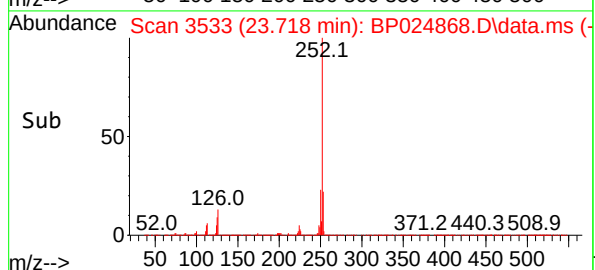
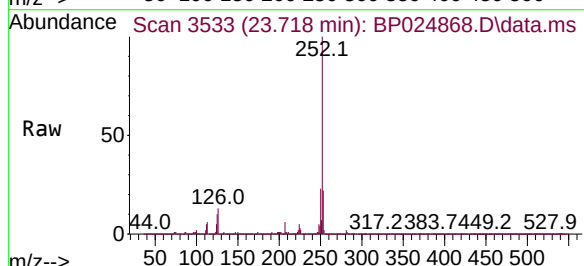
Manual Integrations
APPROVED

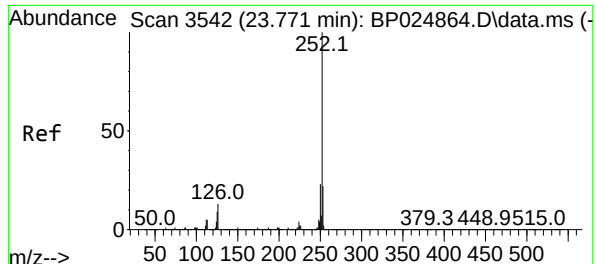
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#88
Benzo(b)fluoranthene
Concen: 36.735 ng
RT: 23.718 min Scan# 3533
Delta R.T. 0.006 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion: 252 Resp: 3910900
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.5 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 36.032 ng

RT: 23.795 min Scan# 3542

Delta R.T. 0.023 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

Instrument :

BNA_P

ClientSampleId :

ICVBP060625

Tgt Ion:252 Resp: 3904662

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

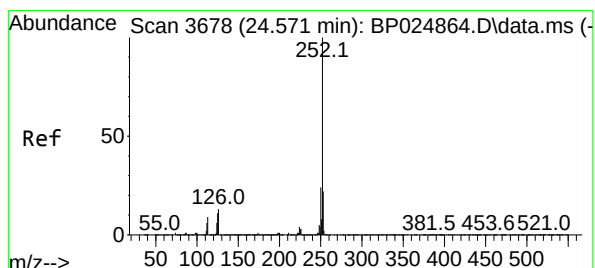
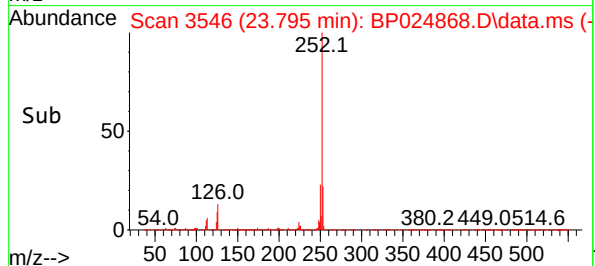
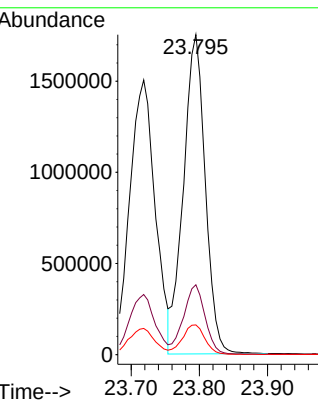
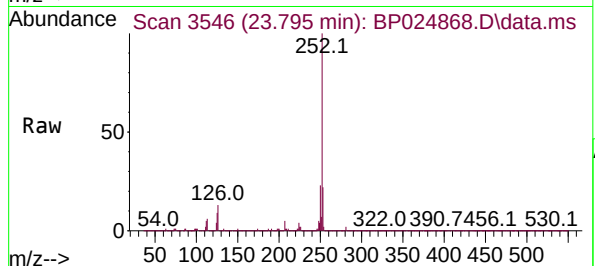
125 9.3 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#90

Benzo(a)pyrene

Concen: 36.932 ng

RT: 24.595 min Scan# 3682

Delta R.T. 0.024 min

Lab File: BP024868.D

Acq: 06 Jun 2025 17:09

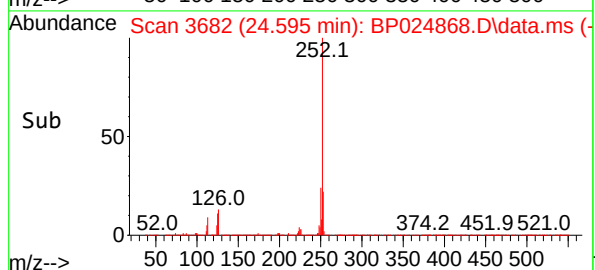
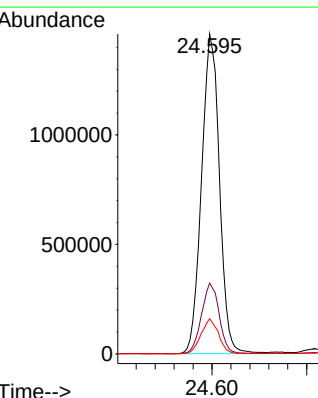
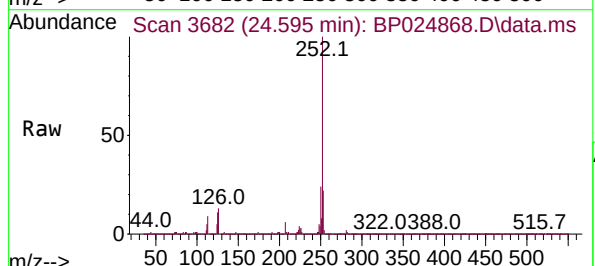
Tgt Ion:252 Resp: 3839776

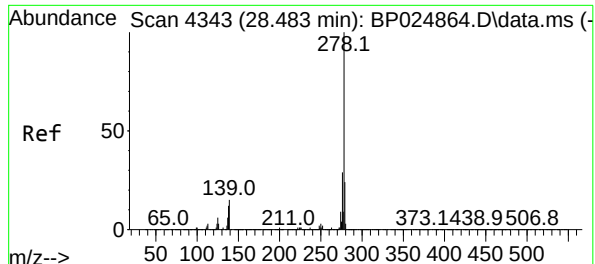
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

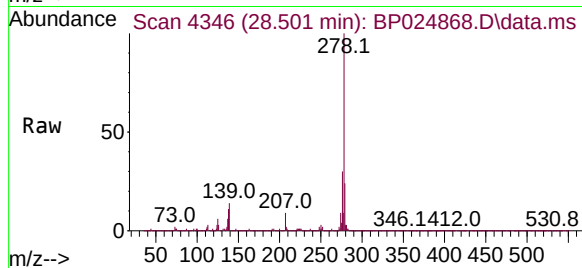
125 11.0 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 37.321 ng
RT: 28.501 min Scan# 4343
Delta R.T. 0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

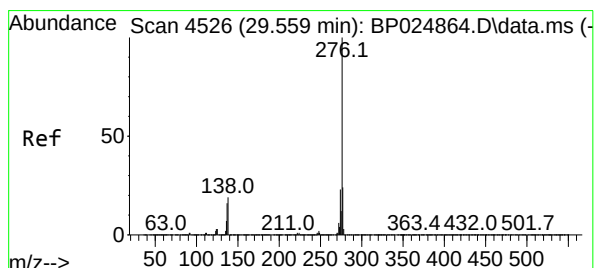
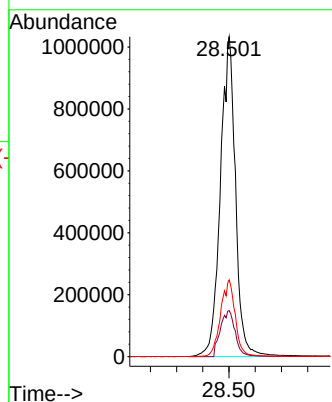
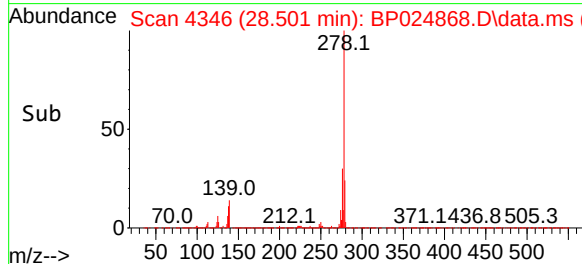
Instrument :
BNA_P
ClientSampleId :
ICVBP060625



Tgt Ion:278 Resp: 412311
Ion Ratio Lower Upper
278 100
139 14.4 12.0 18.0
279 24.0 19.1 28.7

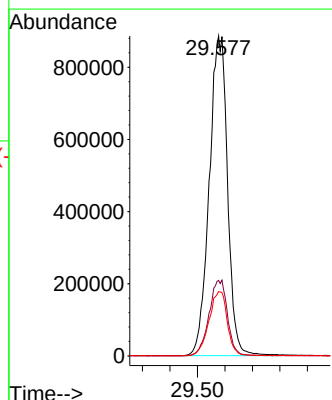
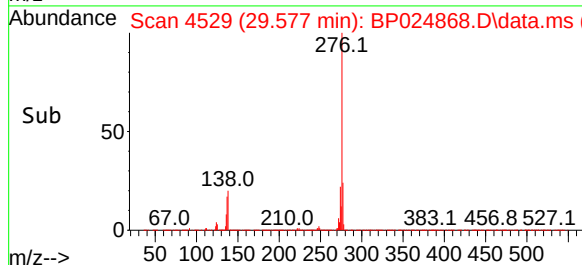
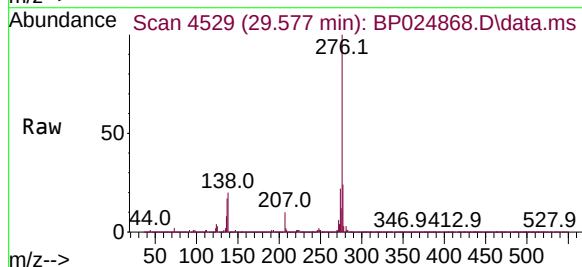
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#92
Benzo(g,h,i)perylene
Concen: 37.385 ng
RT: 29.577 min Scan# 4529
Delta R.T. 0.018 min
Lab File: BP024868.D
Acq: 06 Jun 2025 17:09

Tgt Ion:276 Resp: 4097986
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 20.1 15.4 23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024868.D
 Acq On : 06 Jun 2025 17:09
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP060625

Quant Time: Jun 06 17:28:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 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	103	-0.02
2	1,4-Dioxane	0.527	0.466	11.6	97	0.00
3	Pyridine	1.268	1.271	-0.2	107	-0.01
4	n-Nitrosodimethylamine	0.518	0.537	-3.7	110	-0.01
5 S	2-Fluorophenol	1.198	1.097	8.4	97	-0.01
6	Aniline	2.023	2.033	-0.5	106	-0.02
7 S	Phenol-d6	1.585	1.516	4.4	101	-0.01
8	2-Chlorophenol	1.358	1.326	2.4	104	-0.02
9	Benzaldehyde	0.914	1.110	-21.4	131	-0.02
10 C	Phenol	1.634	1.630	0.2	106	-0.02
11	bis(2-Chloroethyl)ether	1.285	1.265	1.6	106	-0.02
12	1,3-Dichlorobenzene	1.515	1.417	6.5	103	-0.01
13 C	1,4-Dichlorobenzene	1.529	1.430	6.5	103	-0.01
14	1,2-Dichlorobenzene	1.501	1.391	7.3	102	-0.02
15	Benzyl Alcohol	1.217	1.243	-2.1	110	-0.02
16	2,2'-oxybis(1-Chloropropane	1.682	1.637	2.7	107	0.00
17	2-Methylphenol	1.141	1.141	0.0	106	-0.02
18	Hexachloroethane	0.576	0.535	7.1	101	-0.01
19 P	n-Nitroso-di-n-propylamine	1.078	1.078	0.0	107	-0.01
20	3+4-Methylphenols	1.557	1.536	1.3	106	-0.02
21 I	Naphthalene-d8	1.000	1.000	0.0	108	-0.01
22	Acetophenone	0.505	0.487	3.6	107	-0.01
23 S	Nitrobenzene-d5	0.412	0.345	16.3	92	-0.01
24	Nitrobenzene	0.366	0.359	1.9	107	-0.01
25	Isophorone	0.713	0.697	2.2	108	-0.01
26 C	2-Nitrophenol	0.180	0.178	1.1	106	-0.01
27	2,4-Dimethylphenol	0.309	0.299	3.2	106	-0.02
28	bis(2-Chloroethoxy)methane	0.426	0.408	4.2	106	-0.02
29 C	2,4-Dichlorophenol	0.296	0.289	2.4	107	-0.01
30	1,2,4-Trichlorobenzene	0.334	0.305	8.7	104	-0.01
31	Naphthalene	1.025	0.950	7.3	103	-0.02
32	Benzoic acid	0.209	0.211	-1.0	111	-0.01
33	4-Chloroaniline	0.429	0.425	0.9	107	-0.01
34 C	Hexachlorobutadiene	0.201	0.183	9.0	101	-0.01
35	Caprolactam	0.109	0.112	-2.8	110	-0.01
36 C	4-Chloro-3-methylphenol	0.342	0.346	-1.2	109	-0.01
37	2-Methylnaphthalene	0.650	0.625	3.8	106	-0.01
38	1-Methylnaphthalene	0.695	0.655	5.8	105	-0.01
39 I	Acenaphthene-d10	1.000	1.000	0.0	108	0.00
40	1,2,4,5-Tetrachlorobenzene	0.568	0.527	7.2	106	0.00
41 P	Hexachlorocyclopentadiene	0.346	0.330	4.6	106	-0.01
42 S	2,4,6-Tribromophenol	0.277	0.253	8.7	102	0.00
43 C	2,4,6-Trichlorophenol	0.381	0.370	2.9	107	-0.01
44	2,4,5-Trichlorophenol	0.408	0.399	2.2	106	0.00
45 S	2-Fluorobiphenyl	1.485	1.159	22.0	90	-0.01
46	1,1'-Biphenyl	1.453	1.363	6.2	106	0.00
47	2-Chloronaphthalene	1.117	1.030	7.8	104	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024868.D
 Acq On : 06 Jun 2025 17:09
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP060625

Quant Time: Jun 06 17:28:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 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	0.343	0.350	-2.0	110	0.00
49	Acenaphthylene	1.863	1.736	6.8	106	0.00
50	Dimethylphthalate	1.475	1.372	7.0	106	0.00
51	2,6-Dinitrotoluene	0.318	0.303	4.7	105	0.00
52 C	Acenaphthene	1.067	1.000	6.3	106	0.00
53	3-Nitroaniline	0.330	0.335	-1.5	107	0.00
54 P	2,4-Dinitrophenol	0.178	0.182	-2.2	110	0.00
55	Dibenzofuran	1.713	1.568	8.5	104	0.00
56 P	4-Nitrophenol	0.239	0.247	-3.3	108	0.00
57	2,4-Dinitrotoluene	0.445	0.433	2.7	107	0.00
58	Fluorene	1.384	1.282	7.4	106	0.00
59	2,3,4,6-Tetrachlorophenol	0.365	0.350	4.1	107	0.00
60	Diethylphthalate	1.470	1.384	5.9	108	0.00
61	4-Chlorophenyl-phenylether	0.677	0.623	8.0	106	0.00
62	4-Nitroaniline	0.299	0.316	-5.7	110	0.00
63	Azobenzene	1.349	1.288	4.5	107	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	112	0.00
65	4,6-Dinitro-2-methylphenol	0.131	0.128	2.3	110	0.00
66 c	n-Nitrosodiphenylamine	0.620	0.571	7.9	107	0.00
67	4-Bromophenyl-phenylether	0.226	0.202	10.6	107	0.00
68	Hexachlorobenzene	0.274	0.247	9.9	107	0.00
69	Atrazine	0.225	0.208	7.6	108	0.00
70 C	Pentachlorophenol	0.142	0.139	2.1	113	0.00
71	Phenanthrene	1.105	1.011	8.5	107	0.00
72	Anthracene	1.119	1.033	7.7	108	0.01
73	Carbazole	1.038	0.979	5.7	110	0.00
74	Di-n-butylphthalate	1.285	1.173	8.7	103	0.00
75 C	Fluoranthene	1.281	1.164	9.1	107	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	111	0.00
77	Benzidine	0.619	0.692	-11.8	118	0.00
78	Pyrene	1.249	1.132	9.4	107	0.00
79 S	Terphenyl-d14	1.116	0.873	21.8	89	0.00
80	Butylbenzylphthalate	0.572	0.534	6.6	106	0.00
81	Benzo(a)anthracene	1.279	1.175	8.1	107	0.00
82	3,3'-Dichlorobenzidine	0.508	0.478	5.9	108	0.00
83	Chrysene	1.212	1.104	8.9	108	0.00
84	Bis(2-ethylhexyl)phthalate	0.820	0.759	7.4	106	0.00
85 c	Di-n-octyl phthalate	1.445	1.324	8.4	107	0.00
86 I	Perylene-d12	1.000	1.000	0.0	113	0.02
87	Indeno(1,2,3-cd)pyrene	1.459	1.371	6.0	110	0.01
88	Benzo(b)fluoranthene	1.145	1.051	8.2	106	0.00
89	Benzo(k)fluoranthene	1.165	1.050	9.9	107	0.02
90 C	Benzo(a)pyrene	1.118	1.032	7.7	109	0.02
91	Dibenzo(a,h)anthracene	1.188	1.108	6.7	110	0.02
92	Benzo(g,h,i)perylene	1.179	1.101	6.6	110	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024868.D
Acq On : 06 Jun 2025 17:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Quant Time: Jun 06 17:28:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 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\BP060625\
 Data File : BP024868.D
 Acq On : 06 Jun 2025 17:09
 Operator : RC/JU
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Instrument :
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Quant Time: Jun 06 17:28:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 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	103	-0.02
2	1,4-Dioxane	40.000	35.338	11.7	97	0.00
3	Pyridine	40.000	40.092	-0.2	107	-0.01
4	n-Nitrosodimethylamine	40.000	41.411	-3.5	110	-0.01
5 S	2-Fluorophenol	80.000	73.239	8.5	97	-0.01
6	Aniline	40.000	40.192	-0.5	106	-0.02
7 S	Phenol-d6	80.000	76.488	4.4	101	-0.01
8	2-Chlorophenol	40.000	39.034	2.4	104	-0.02
9	Benzaldehyde	40.000	48.599	-21.5	131	-0.02
10 C	Phenol	40.000	39.895	0.3	106	-0.02
11	bis(2-Chloroethyl)ether	40.000	39.368	1.6	106	-0.02
12	1,3-Dichlorobenzene	40.000	37.402	6.5	103	-0.01
13 C	1,4-Dichlorobenzene	40.000	37.417	6.5	103	-0.01
14	1,2-Dichlorobenzene	40.000	37.071	7.3	102	-0.02
15	Benzyl Alcohol	40.000	40.859	-2.1	110	-0.02
16	2,2'-oxybis(1-Chloropropane	40.000	38.927	2.7	107	0.00
17	2-Methylphenol	40.000	39.981	0.0	106	-0.02
18	Hexachloroethane	40.000	37.151	7.1	101	-0.01
19 P	n-Nitroso-di-n-propylamine	40.000	40.009	-0.0	107	-0.01
20	3+4-Methylphenols	40.000	39.466	1.3	106	-0.02
21 I	Naphthalene-d8	20.000	20.000	0.0	108	-0.01
22	Acetophenone	40.000	38.549	3.6	107	-0.01
23 S	Nitrobenzene-d5	80.000	67.150	16.1	92	-0.01
24	Nitrobenzene	40.000	39.258	1.9	107	-0.01
25	Isophorone	40.000	39.109	2.2	108	-0.01
26 C	2-Nitrophenol	40.000	39.558	1.1	106	-0.01
27	2,4-Dimethylphenol	40.000	38.761	3.1	106	-0.02
28	bis(2-Chloroethoxy)methane	40.000	38.351	4.1	106	-0.02
29 C	2,4-Dichlorophenol	40.000	39.046	2.4	107	-0.01
30	1,2,4-Trichlorobenzene	40.000	36.514	8.7	104	-0.01
31	Naphthalene	40.000	37.089	7.3	103	-0.02
32	Benzoic acid	40.000	40.420	-1.1	111	-0.01
33	4-Chloroaniline	40.000	39.581	1.0	107	-0.01
34 C	Hexachlorobutadiene	40.000	36.314	9.2	101	-0.01
35	Caprolactam	40.000	41.229	-3.1	110	-0.01
36 C	4-Chloro-3-methylphenol	40.000	40.474	-1.2	109	-0.01
37	2-Methylnaphthalene	40.000	38.430	3.9	106	-0.01
38	1-Methylnaphthalene	40.000	37.674	5.8	105	-0.01
39 I	Acenaphthene-d10	20.000	20.000	0.0	108	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	37.136	7.2	106	0.00
41 P	Hexachlorocyclopentadiene	40.000	38.177	4.6	106	-0.01
42 S	2,4,6-Tribromophenol	80.000	73.160	8.6	102	0.00
43 C	2,4,6-Trichlorophenol	40.000	38.812	3.0	107	-0.01
44	2,4,5-Trichlorophenol	40.000	39.064	2.3	106	0.00
45 S	2-Fluorobiphenyl	80.000	62.434	22.0	90	-0.01
46	1,1'-Biphenyl	40.000	37.502	6.2	106	0.00
47	2-Chloronaphthalene	40.000	36.886	7.8	104	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024868.D
 Acq On : 06 Jun 2025 17:09
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP060625

Quant Time: Jun 06 17:28:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	40.813	-2.0	110	0.00
49	Acenaphthylene	40.000	37.274	6.8	106	0.00
50	Dimethylphthalate	40.000	37.185	7.0	106	0.00
51	2,6-Dinitrotoluene	40.000	38.111	4.7	105	0.00
52 C	Acenaphthene	40.000	37.472	6.3	106	0.00
53	3-Nitroaniline	40.000	40.626	-1.6	107	0.00
54 P	2,4-Dinitrophenol	40.000	38.197	4.5	110	0.00
55	Dibenzofuran	40.000	36.605	8.5	104	0.00
56 P	4-Nitrophenol	40.000	38.363	4.1	108	0.00
57	2,4-Dinitrotoluene	40.000	38.936	2.7	107	0.00
58	Fluorene	40.000	37.043	7.4	106	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	38.401	4.0	107	0.00
60	Diethylphthalate	40.000	37.642	5.9	108	0.00
61	4-Chlorophenyl-phenylether	40.000	36.814	8.0	106	0.00
62	4-Nitroaniline	40.000	42.233	-5.6	110	0.00
63	Azobenzene	40.000	38.217	4.5	107	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	112	0.00
65	4,6-Dinitro-2-methylphenol	40.000	38.956	2.6	110	0.00
66 c	n-Nitrosodiphenylamine	40.000	36.846	7.9	107	0.00
67	4-Bromophenyl-phenylether	40.000	35.890	10.3	107	0.00
68	Hexachlorobenzene	40.000	36.182	9.5	107	0.00
69	Atrazine	40.000	37.108	7.2	108	0.00
70 C	Pentachlorophenol	40.000	39.247	1.9	113	0.00
71	Phenanthrene	40.000	36.595	8.5	107	0.00
72	Anthracene	40.000	36.903	7.7	108	0.01
73	Carbazole	40.000	37.755	5.6	110	0.00
74	Di-n-butylphthalate	40.000	36.500	8.8	103	0.00
75 C	Fluoranthene	40.000	36.337	9.2	107	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	111	0.00
77	Benzydine	40.000	44.696	-11.7	118	0.00
78	Pyrene	40.000	36.241	9.4	107	0.00
79 S	Terphenyl-d14	80.000	62.551	21.8	89	0.00
80	Butylbenzylphthalate	40.000	37.347	6.6	106	0.00
81	Benzo(a)anthracene	40.000	36.741	8.1	107	0.00
82	3,3'-Dichlorobenzidine	40.000	37.613	6.0	108	0.00
83	Chrysene	40.000	36.421	8.9	108	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	37.041	7.4	106	0.00
85 c	Di-n-octyl phthalate	40.000	36.654	8.4	107	0.00
86 I	Perylene-d12	20.000	20.000	0.0	113	0.02
87	Indeno(1,2,3-cd)pyrene	40.000	37.578	6.1	110	0.01
88	Benzo(b)fluoranthene	40.000	36.735	8.2	106	0.00
89	Benzo(k)fluoranthene	40.000	36.032	9.9	107	0.02
90 C	Benzo(a)pyrene	40.000	36.932	7.7	109	0.02
91	Dibenzo(a,h)anthracene	40.000	37.321	6.7	110	0.02
92	Benzo(g,h,i)perylene	40.000	37.385	6.5	110	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024868.D
Acq On : 06 Jun 2025 17:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP060625

Quant Time: Jun 06 17:28:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG No.: Q2209

Instrument ID: BNA_P Calibration Date/Time: 06/09/2025 10:44

Lab File ID: BP024871.D Init. Calib. Date(s): 06/06/2025 06/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:30 15:18

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.198	1.175		-1.9	
Benzaldehyde	0.914	0.893		-2.3	
Phenol-d6	1.585	1.601		1.0	
bis(2-Chloroethyl)ether	1.285	1.280		-0.4	
2,2-oxybis(1-Chloropropane)	1.682	1.631		-3.0	
Acetophenone	0.505	0.492		-2.6	
n-Nitroso-di-n-propylamine	1.078	1.088	0.050	0.9	
Nitrobenzene-d5	0.412	0.405		-1.7	
Hexachloroethane	0.576	0.542		-5.9	
Nitrobenzene	0.366	0.359		-1.9	
Isophorone	0.713	0.693		-2.8	
bis(2-Chloroethoxy)methane	0.426	0.409		-4.0	
Naphthalene	1.025	0.984		-4.0	
4-Chloroaniline	0.429	0.434		1.2	
Hexachlorobutadiene	0.201	0.187		-7.0	20.0
Caprolactam	0.109	0.112		2.8	
2-Methylnaphthalene	0.650	0.642		-1.2	
Hexachlorocyclopentadiene	0.346	0.332	0.050	-4.0	
2-Fluorobiphenyl	1.485	1.394		-6.1	
1,1-Biphenyl	1.453	1.381		-5.0	
2-Chloronaphthalene	1.117	1.069		-4.3	
2-Nitroaniline	0.343	0.351		2.3	
Dimethylphthalate	1.475	1.400		-5.1	
Acenaphthylene	1.863	1.770		-5.0	
2,6-Dinitrotoluene	0.318	0.308		-3.1	
3-Nitroaniline	0.330	0.343		3.9	
Acenaphthene	1.067	1.029		-3.6	20.0
Dibenzofuran	1.713	1.630		-4.8	
2,4-Dinitrotoluene	0.445	0.443		-0.4	
Diethylphthalate	1.470	1.395		-5.1	
4-Chlorophenyl-phenylether	0.677	0.627		-7.4	
Fluorene	1.384	1.326		-4.2	
4-Nitroaniline	0.299	0.327		9.4	
n-Nitrosodiphenylamine	0.620	0.596		-3.9	20.0
2,4,6-Tribromophenol	0.277	0.273		-1.4	
4-Bromophenyl-phenylether	0.226	0.216		-4.4	
Hexachlorobenzene	0.274	0.261		-4.7	
Atrazine	0.225	0.214		-4.9	
Phenanthrene	1.105	1.056		-4.4	



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG No.: Q2209

Instrument ID: BNA_P Calibration Date/Time: 06/09/2025 10:44

Lab File ID: BP024871.D Init. Calib. Date(s): 06/06/2025 06/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:30 15:18

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Anthracene	1.119	1.067		-4.6	
Carbazole	1.038	1.005		-3.2	
Di-n-butylphthalate	1.285	1.195		-7.0	
Fluoranthene	1.281	1.200		-6.3	20.0
Pyrene	1.249	1.182		-5.4	
Terphenyl-d14	1.116	1.046		-6.3	
Butylbenzylphthalate	0.572	0.544		-4.9	
3,3-Dichlorobenzidine	0.508	0.491		-3.3	
Benzo(a)anthracene	1.279	1.229		-3.9	
Chrysene	1.212	1.154		-4.8	
Bis(2-ethylhexyl)phthalate	0.820	0.772		-5.9	
Di-n-octyl phthalate	1.445	1.351		-6.5	20.0
Benzo(b)fluoranthene	1.145	1.096		-4.3	
Benzo(k)fluoranthene	1.165	1.086		-6.8	
Benzo(a)pyrene	1.118	1.057		-5.5	20.0
Indeno(1,2,3-cd)pyrene	1.459	1.436		-1.6	
Dibenzo(a,h)anthracene	1.188	1.170		-1.5	
Benzo(g,h,i)perylene	1.179	1.158		-1.8	
1,2,4,5-Tetrachlorobenzene	0.568	0.541		-4.8	
1,4-Dioxane	0.527	0.520		-1.3	20.0

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024871.D
 Acq On : 09 Jun 2025 10:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 11:14:38 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 06 16:20:27 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	255229	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1115940	20.000	ng	0.00
39) Acenaphthene-d10	14.242	164	722087	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1406327	20.000	ng	-0.01
76) Chrysene-d12	21.477	240	1456984	20.000	ng	0.00
86) Perylene-d12	24.724	264	1778909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1199496	78.447	ng	0.00
7) Phenol-d6	6.813	99	1634108	80.773	ng	0.00
23) Nitrobenzene-d5	8.760	82	1808189	78.737	ng	0.00
42) 2,4,6-Tribromophenol	15.772	330	787365	78.869	ng	-0.01
45) 2-Fluorobiphenyl	12.854	172	4025076	75.092	ng	0.00
79) Terphenyl-d14	19.772	244	6095445	74.981	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.167	88	265533	39.467	ng	99
3) Pyridine	3.567	79	689182	42.594	ng	98
4) n-Nitrosodimethylamine	3.478	42	267010	40.365	ng	100
6) Aniline	6.949	93	1049995	40.669	ng	98
8) 2-Chlorophenol	7.184	128	685280	39.534	ng	98
9) Benzaldehyde	6.766	77	455649m	39.075	ng	
10) Phenol	6.837	94	850419	40.776	ng	99
11) bis(2-Chloroethyl)ether	7.043	93	653387	39.832	ng	99
12) 1,3-Dichlorobenzene	7.496	146	732347	37.873	ng	98
13) 1,4-Dichlorobenzene	7.643	146	745968	38.233	ng	99
14) 1,2-Dichlorobenzene	7.955	146	717710	37.460	ng	99
15) Benzyl Alcohol	7.860	79	630051	40.579	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.137	45	832787	38.789	ng	98
17) 2-Methylphenol	8.066	107	588106	40.381	ng	99
18) Hexachloroethane	8.666	117	276609	37.656	ng	97
19) n-Nitroso-di-n-propyla...	8.413	70	555174	40.367	ng	99
20) 3+4-Methylphenols	8.396	107	804072	40.467	ng	97
22) Acetophenone	8.425	105	1098338	38.956	ng	# 100
24) Nitrobenzene	8.802	77	800749	39.249	ng	98
25) Isophorone	9.325	82	1547539	38.882	ng	99
26) 2-Nitrophenol	9.507	139	404106	40.144	ng	99
27) 2,4-Dimethylphenol	9.578	122	675766	39.225	ng	99
28) bis(2-Chloroethoxy)met...	9.796	93	912458	38.433	ng	99
29) 2,4-Dichlorophenol	10.049	162	661006	39.988	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	695864	37.323	ng	99
31) Naphthalene	10.425	128	2195188	38.386	ng	100
32) Benzoic acid	9.760	122	472238	40.563	ng	98
33) 4-Chloroaniline	10.549	127	968476	40.422	ng	100
34) Hexachlorobutadiene	10.707	225	418109	37.207	ng	99
35) Caprolactam	11.343	113	249771	41.048	ng	98
36) 4-Chloro-3-methylphenol	11.701	107	774660	40.629	ng	98
37) 2-Methylnaphthalene	12.043	142	1432131	39.479	ng	99
38) 1-Methylnaphthalene	12.260	142	1506506	38.845	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	781589	38.146	ng	100
41) Hexachlorocyclopentadiene	12.396	237	479050	38.332	ng	99
43) 2,4,6-Trichlorophenol	12.672	196	538063	39.103	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024871.D
 Acq On : 09 Jun 2025 10:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 11:14:38 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 06 16:20:27 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	600998	40.784	ng	98
46) 1,1'-Biphenyl	13.066	154	1994835	38.014	ng	99
47) 2-Chloronaphthalene	13.107	162	1543806	38.278	ng	99
48) 2-Nitroaniline	13.331	65	506207	40.825	ng	98
49) Acenaphthylene	13.966	152	2556300	38.013	ng	100
50) Dimethylphthalate	13.707	163	2022085	37.961	ng	100
51) 2,6-Dinitrotoluene	13.831	165	445371	38.784	ng	99
52) Acenaphthene	14.313	154	1485445	38.548	ng	99
53) 3-Nitroaniline	14.172	138	494719	41.514	ng	96
54) 2,4-Dinitrophenol	14.384	184	262463	38.223	ng	96
55) Dibenzofuran	14.654	168	2354168	38.059	ng	100
56) 4-Nitrophenol	14.525	139	364266	39.074	ng	98
57) 2,4-Dinitrotoluene	14.637	165	640380	39.866	ng	98
58) Fluorene	15.313	166	1914326	38.310	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.895	232	525400	39.904	ng	99
60) Diethylphthalate	15.084	149	2015313	37.963	ng	99
61) 4-Chlorophenyl-phenyle...	15.307	204	905582	37.065	ng	100
62) 4-Nitroaniline	15.354	138	472390	43.719	ng	95
63) Azobenzene	15.607	77	1883823	38.692	ng	99
65) 4,6-Dinitro-2-methylph...	15.413	198	367928	39.815	ng	95
66) n-Nitrosodiphenylamine	15.537	169	1675390	38.436	ng	99
67) 4-Bromophenyl-phenylether	16.225	248	606816	38.242	ng	98
68) Hexachlorobenzene	16.336	284	734824	38.199	ng	99
69) Atrazine	16.519	200	602255	38.113	ng	99
70) Pentachlorophenol	16.707	266	420547	42.241	ng	99
71) Phenanthrene	17.095	178	2969260	38.207	ng	99
72) Anthracene	17.189	178	3002181	38.143	ng	99
73) Carbazole	17.483	167	2826406	38.742	ng	100
74) Di-n-butylphthalate	18.054	149	3362066	37.195	ng	100
75) Fluoranthene	19.183	202	3375260	37.471	ng	99
77) Benzidine	19.383	184	1915629	42.452	ng	100
78) Pyrene	19.560	202	3443152	37.827	ng	100
80) Butylbenzylphthalate	20.507	149	1585622	38.030	ng	99
81) Benzo(a)anthracene	21.460	228	3579939	38.417	ng	99
82) 3,3'-Dichlorobenzidine	21.383	252	1431070	38.683	ng	99
83) Chrysene	21.524	228	3364139	38.101	ng	99
84) Bis(2-ethylhexyl)phtha...	21.389	149	2248290	37.636	ng	99
85) Di-n-octyl phthalate	22.630	149	3936161	37.383	ng	100
87) Indeno(1,2,3-cd)pyrene	28.412	276	5109505	39.367	ng	# 94
88) Benzo(b)fluoranthene	23.689	252	3899336	38.301	ng	99
89) Benzo(k)fluoranthene	23.765	252	3863940	37.286	ng	100
90) Benzo(a)pyrene	24.571	252	3762288	37.841	ng	99
91) Dibenzo(a,h)anthracene	28.465	278	4160909	39.385	ng	99
92) Benzo(g,h,i)perylene	29.553	276	4120588	39.310	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024871.D
 Acq On : 09 Jun 2025 10:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025

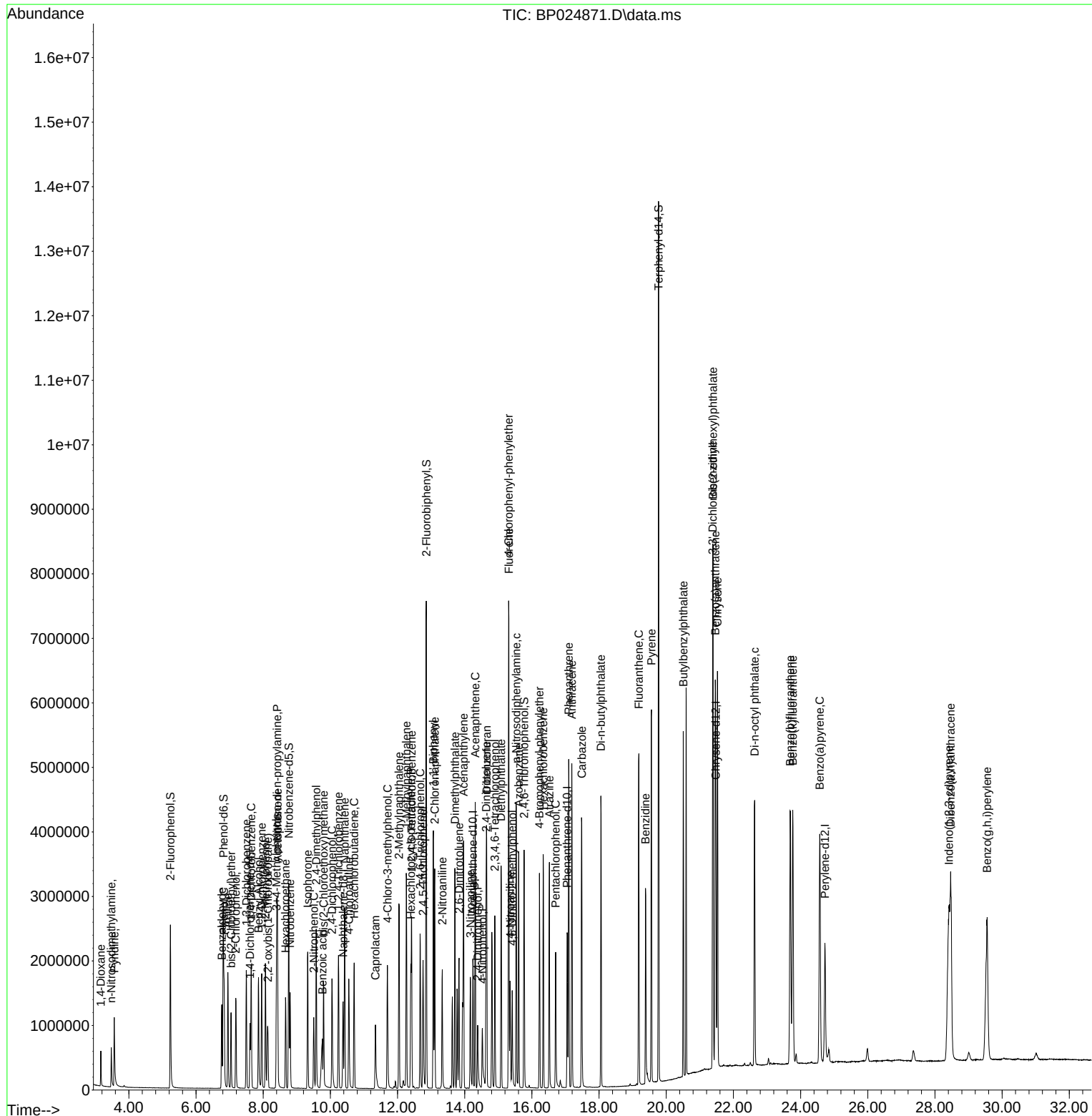
Quant Time: Jun 09 11:14:38 2025

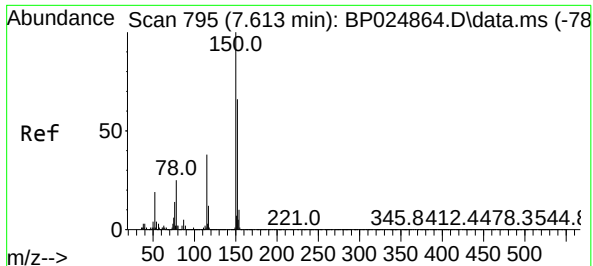
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 06 16:20:27 2025

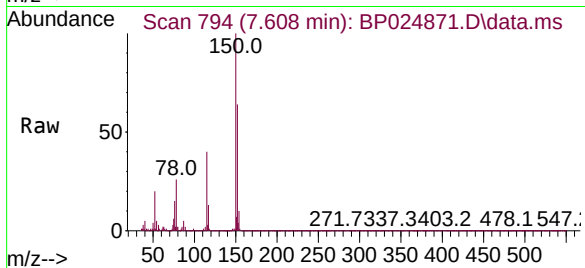
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

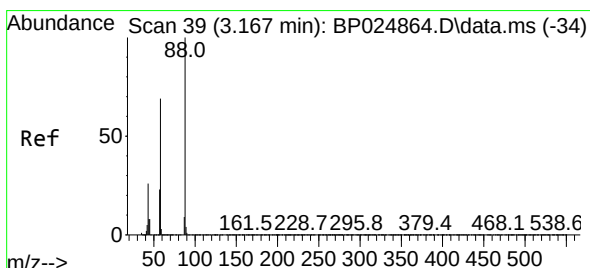
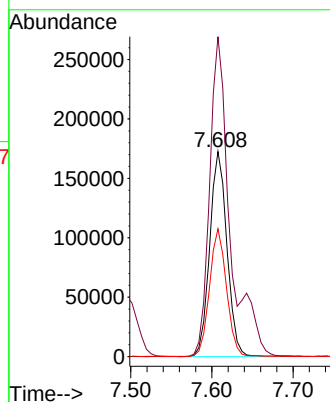
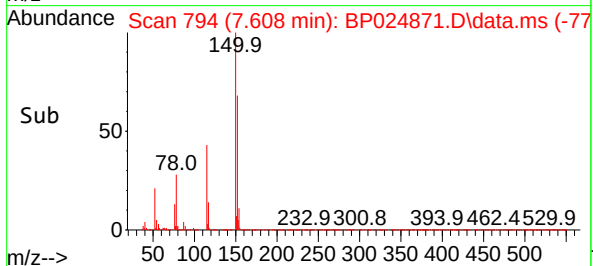
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 152 Resp: 255229
Ion Ratio Lower Upper
152 100
150 156.0 122.1 183.1
115 62.3 46.4 69.6

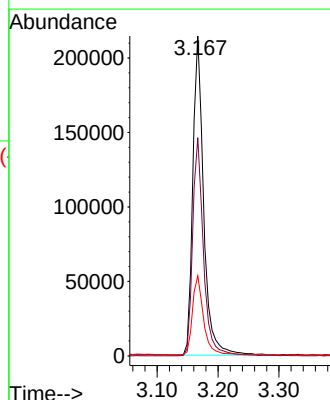
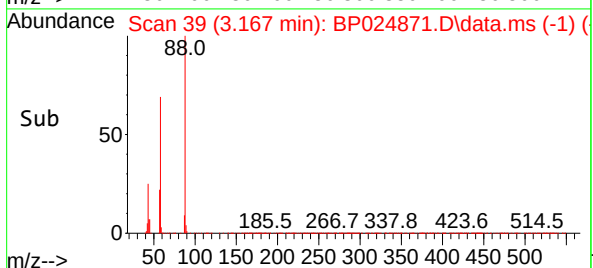
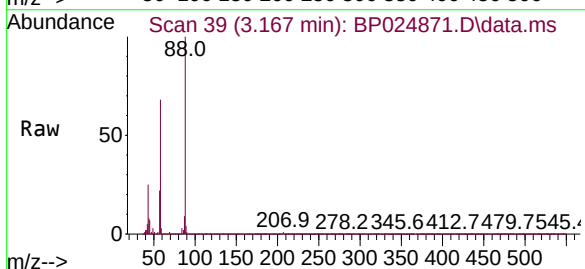
Manual Integrations
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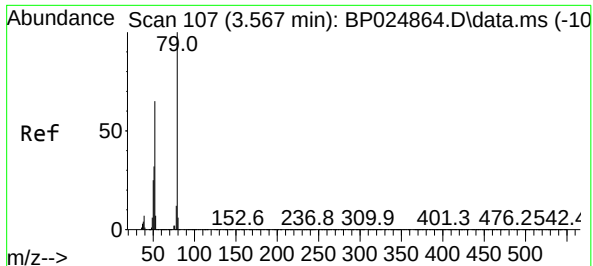
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#2
1,4-Dioxane
Concen: 39.467 ng
RT: 3.167 min Scan# 39
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

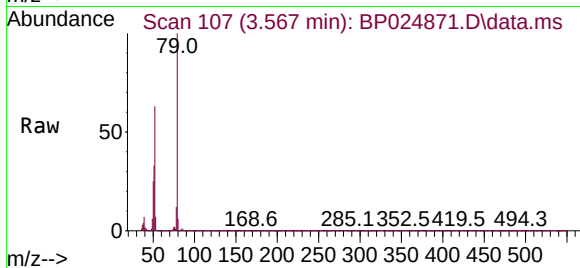
Tgt Ion: 88 Resp: 265533
Ion Ratio Lower Upper
88 100
58 68.4 55.4 83.0
43 25.4 20.8 31.2





#3
Pyridine
Concen: 42.594 ng
RT: 3.567 min Scan# 107
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

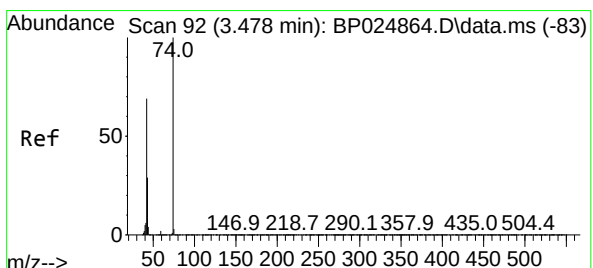
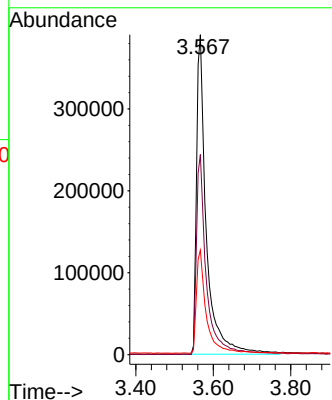
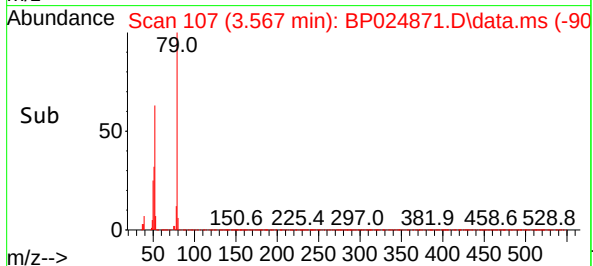
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 689182
Ion Ratio Lower Upper
79 100
52 62.5 51.6 77.4
51 32.6 25.5 38.3

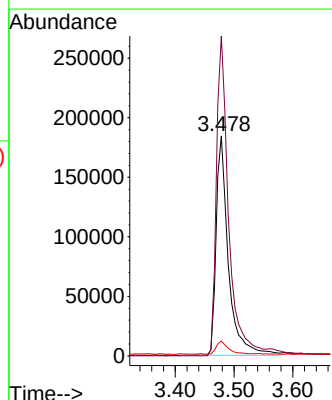
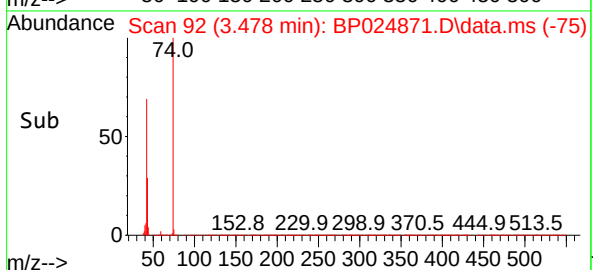
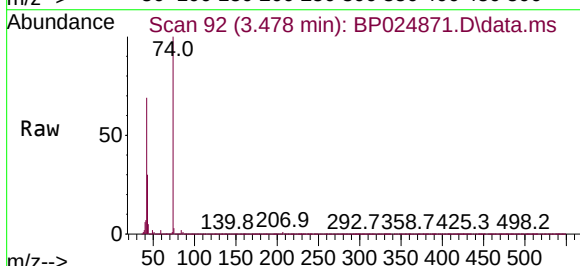
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APPROVED

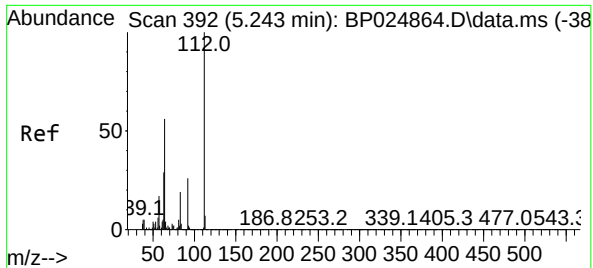
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#4
n-Nitrosodimethylamine
Concen: 40.365 ng
RT: 3.478 min Scan# 92
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

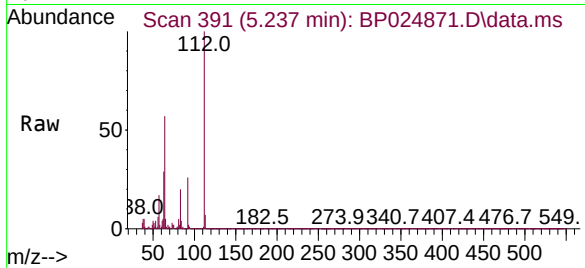
Tgt Ion: 42 Resp: 267010
Ion Ratio Lower Upper
42 100
74 145.5 116.6 174.8
44 6.8 5.4 8.0





#5
2-Fluorophenol
Concen: 78.447 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

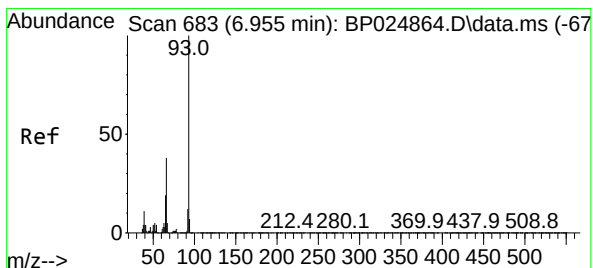
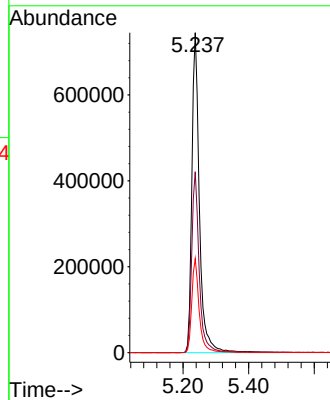
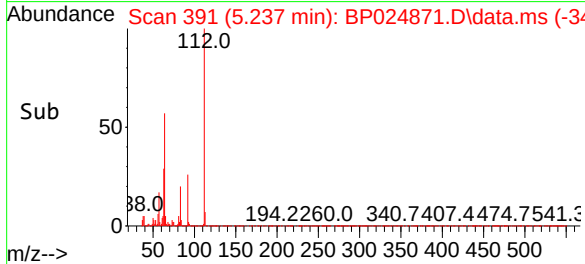
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 112 Resp: 1199496
Ion Ratio Lower Upper
112 100
64 56.5 44.7 67.1
63 29.4 23.5 35.3

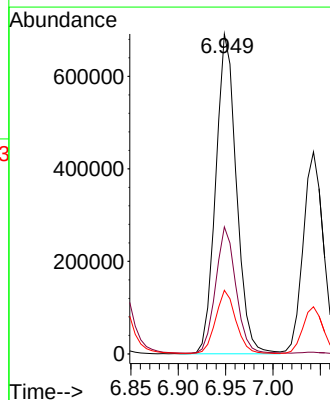
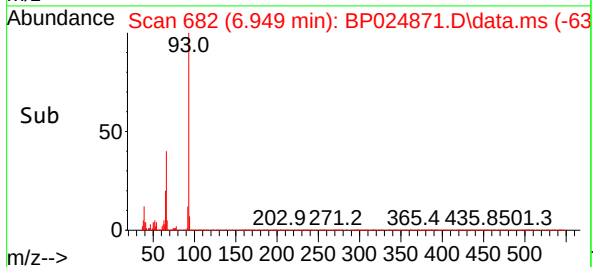
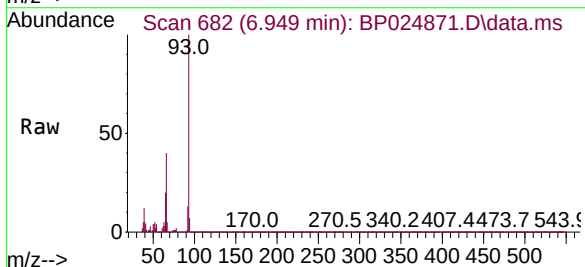
Manual Integrations
APPROVED

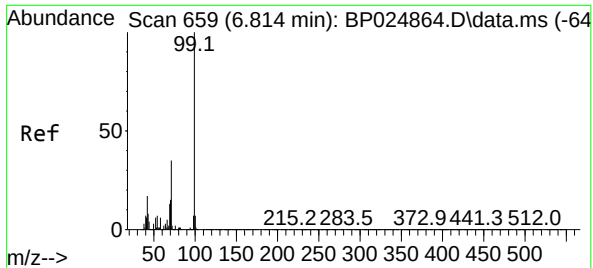
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#6
Aniline
Concen: 40.669 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

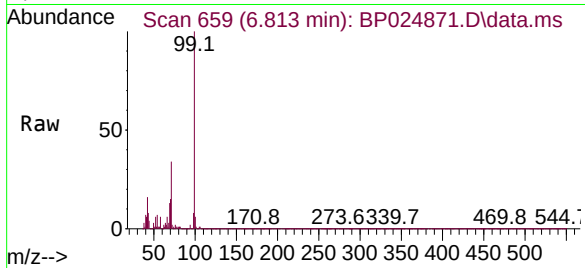
Tgt Ion: 93 Resp: 1049995
Ion Ratio Lower Upper
93 100
66 39.7 30.9 46.3
65 19.9 15.5 23.3





#7
Phenol-d6
Concen: 80.773 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

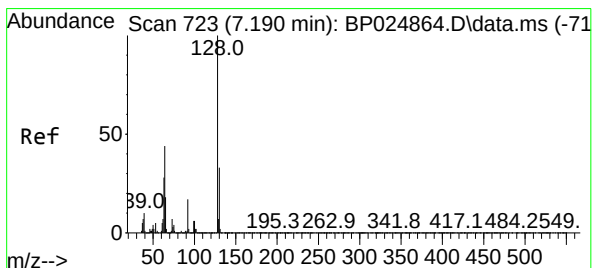
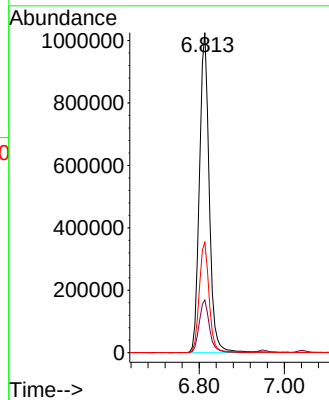
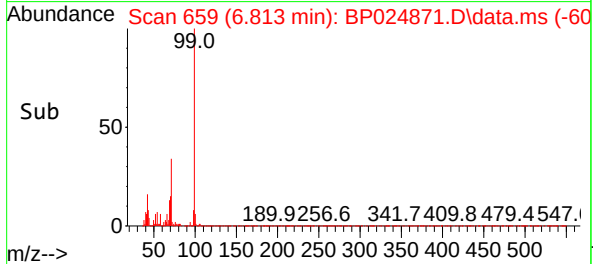
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



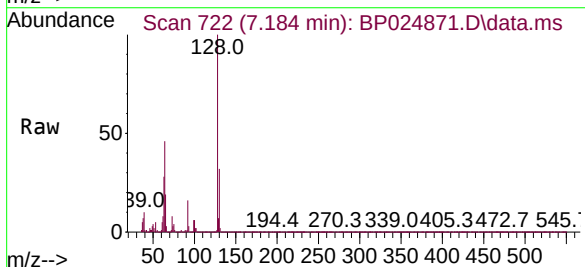
Tgt Ion: 99 Resp: 1634108
Ion Ratio Lower Upper
99 100
42 16.5 13.4 20.2
71 34.4 27.6 41.4

Manual Integrations
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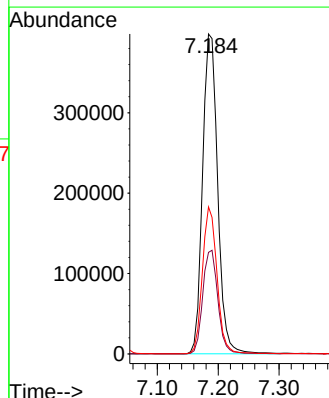
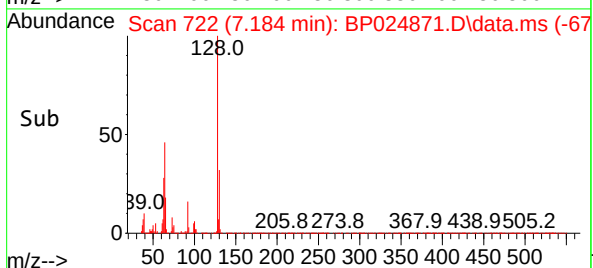
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

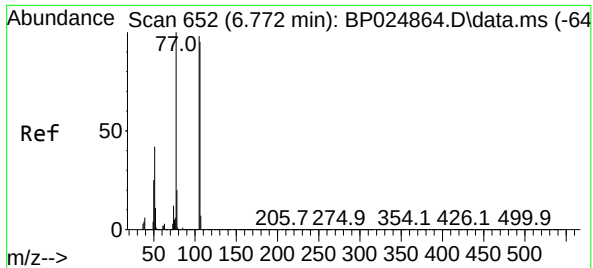


#8
2-Chlorophenol
Concen: 39.534 ng
RT: 7.184 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44



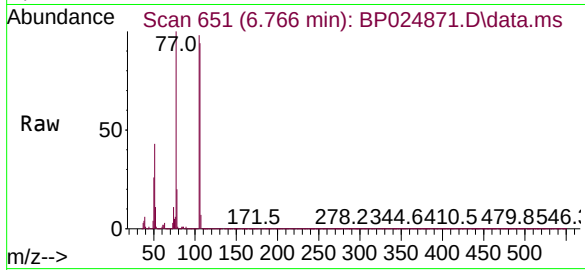
Tgt Ion:128 Resp: 685280
Ion Ratio Lower Upper
128 100
130 31.7 12.6 52.6
64 45.9 24.1 64.1





#9
Benzaldehyde
Concen: 39.075 ng m
RT: 6.766 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

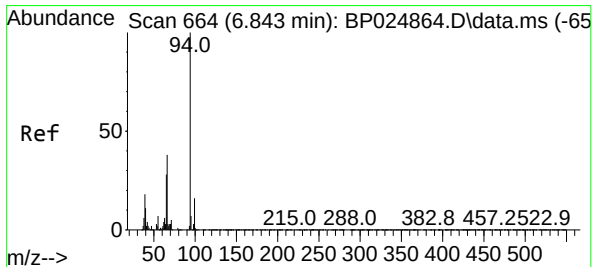
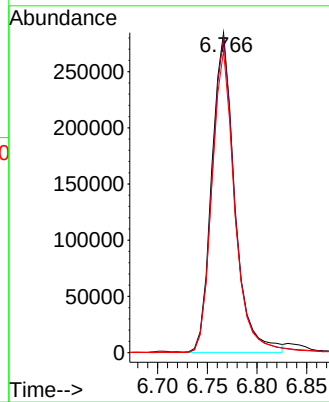
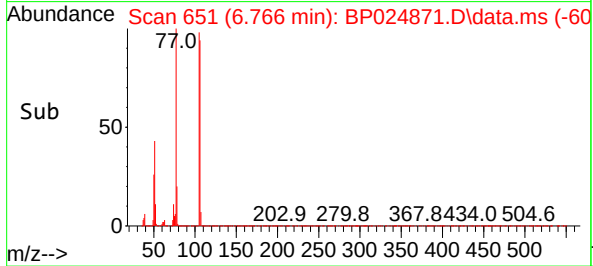
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 455649
Ion Ratio Lower Upper
77 100
105 98.4 77.7 117.7
106 94.3 74.8 114.8

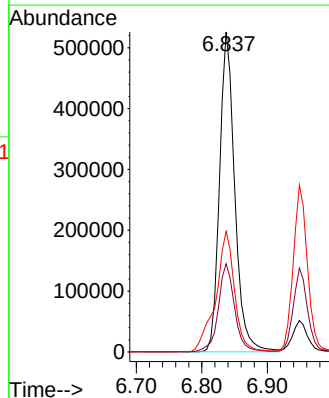
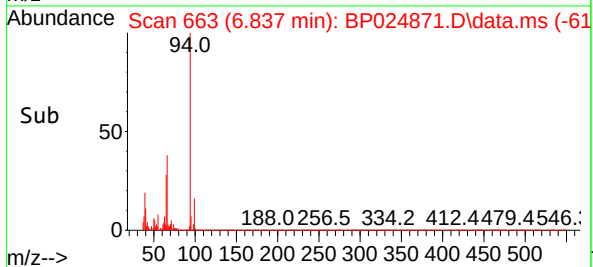
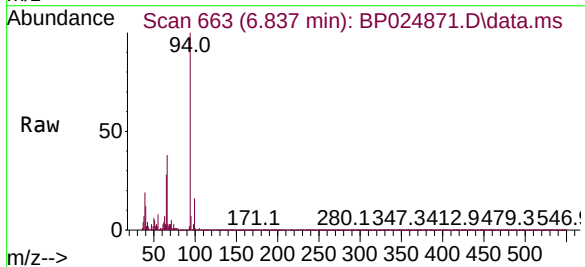
Manual Integrations
APPROVED

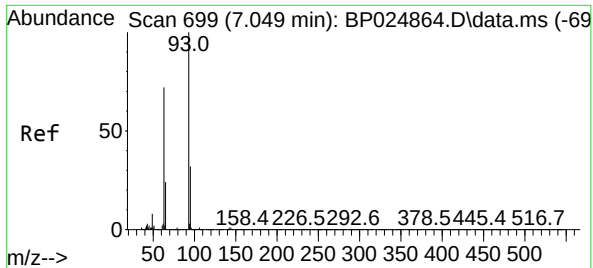
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#10
Phenol
Concen: 40.776 ng
RT: 6.837 min Scan# 663
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

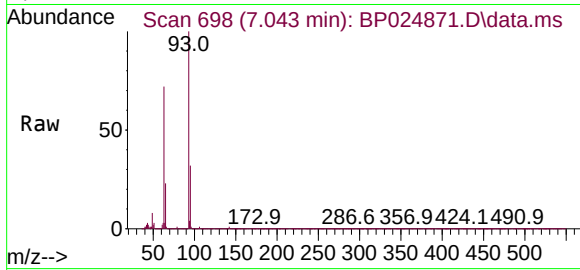
Tgt Ion: 94 Resp: 850419
Ion Ratio Lower Upper
94 100
65 27.5 8.3 48.3
66 37.6 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 39.832 ng
RT: 7.043 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

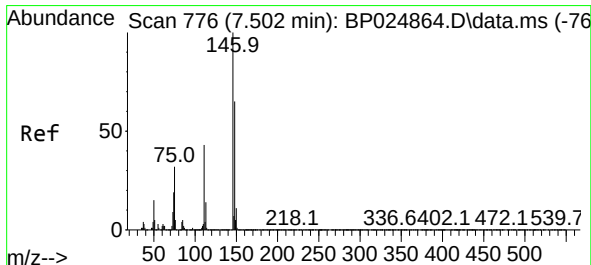
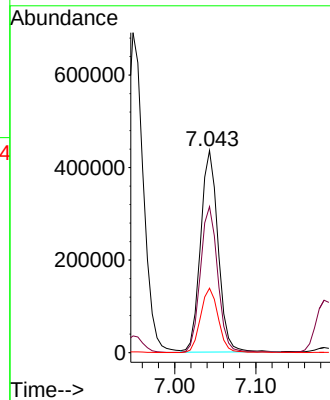
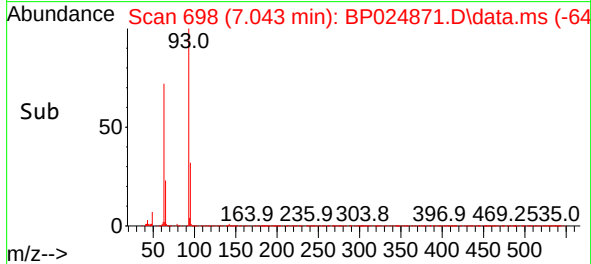
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 93 Resp: 653387
Ion Ratio Lower Upper
93 100
63 72.2 51.6 91.6
95 31.9 12.1 52.1

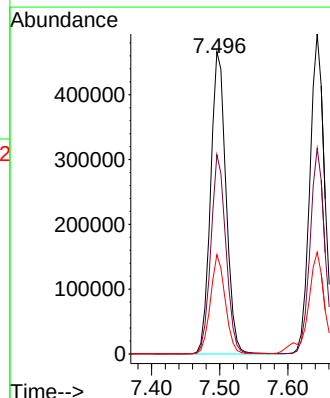
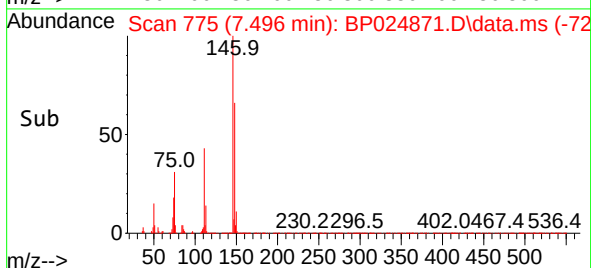
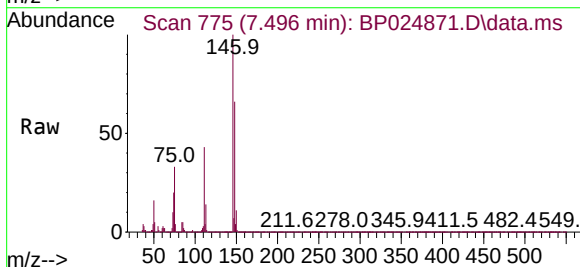
Manual Integrations
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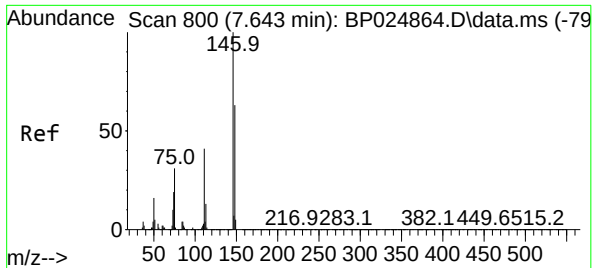
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#12
1,3-Dichlorobenzene
Concen: 37.873 ng
RT: 7.496 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

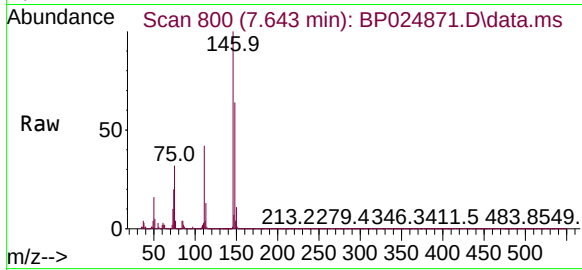
Tgt Ion:146 Resp: 732347
Ion Ratio Lower Upper
146 100
148 65.9 51.8 77.8
75 32.8 25.3 37.9





#13
1,4-Dichlorobenzene
Concen: 38.233 ng
RT: 7.643 min Scan# 800
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

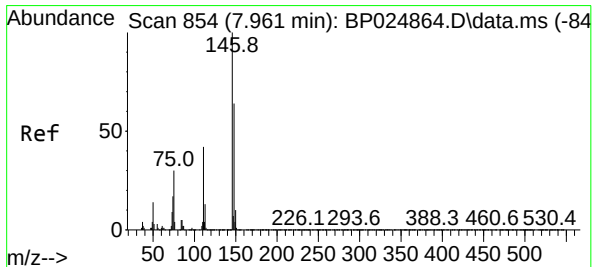
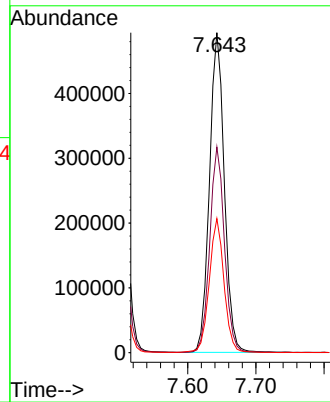
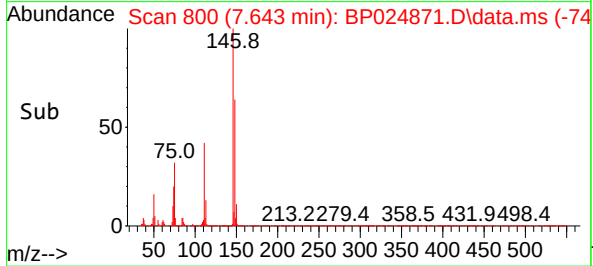
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:146 Resp: 745968
Ion Ratio Lower Upper
146 100
148 64.2 50.8 76.2
111 41.9 32.7 49.1

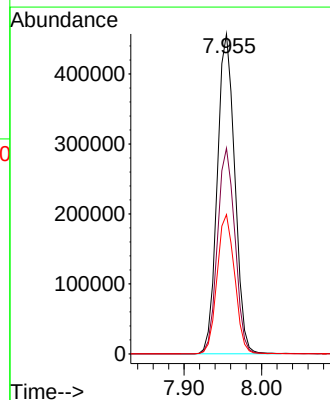
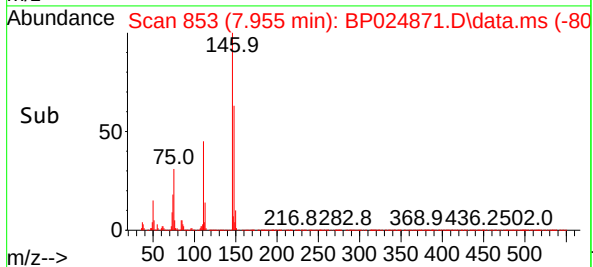
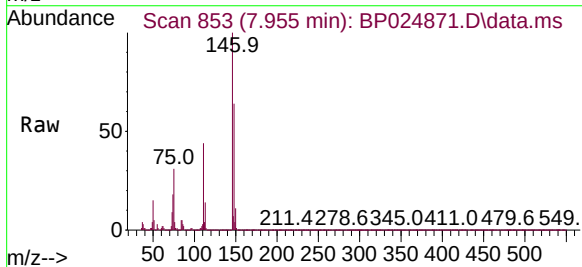
Manual Integrations
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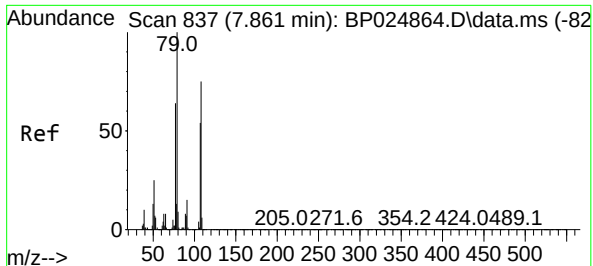
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#14
1,2-Dichlorobenzene
Concen: 37.460 ng
RT: 7.955 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Tgt Ion:146 Resp: 717710
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
111 43.5 33.8 50.8





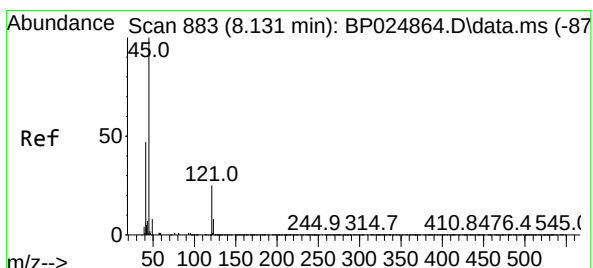
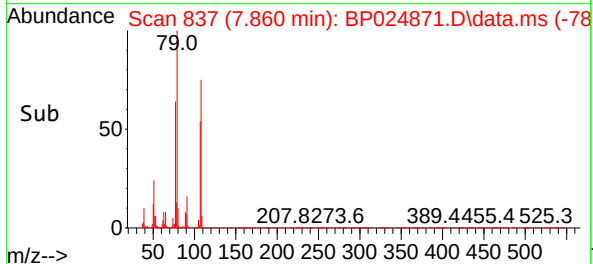
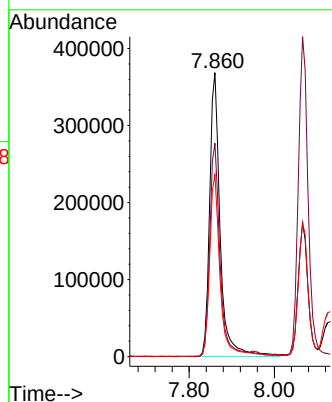
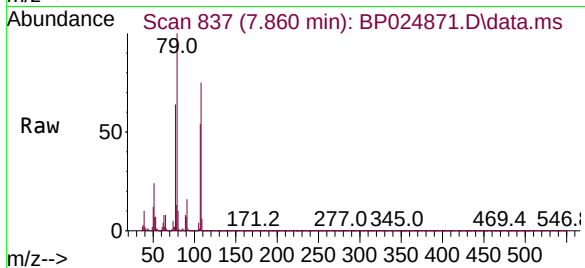
#15
Benzyl Alcohol
Concen: 40.579 ng
RT: 7.860 min Scan# 837
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 630051
Ion Ratio Lower Upper
79 100
108 75.1 60.2 90.4
77 64.1 51.2 76.8

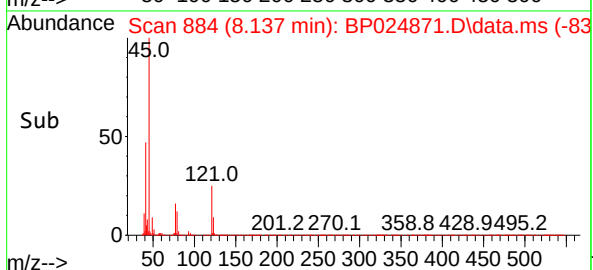
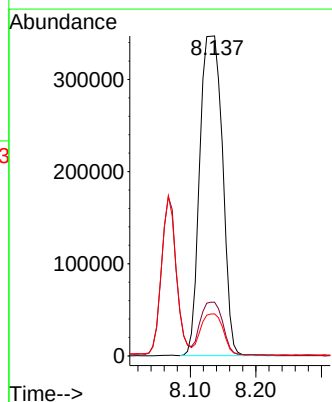
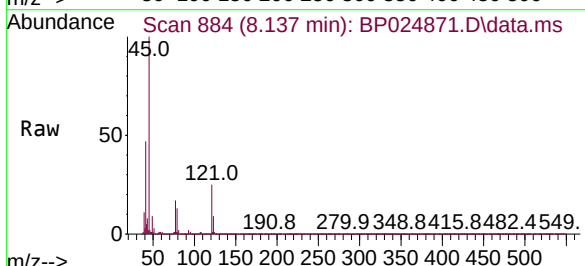
Manual Integrations
APPROVED

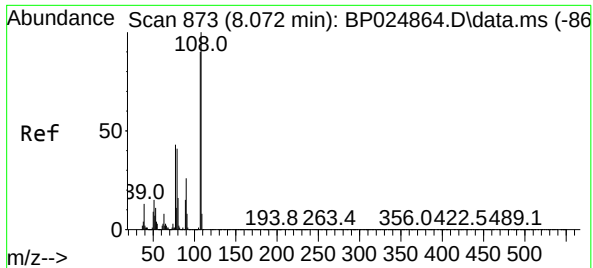
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.789 ng
RT: 8.137 min Scan# 884
Delta R.T. 0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

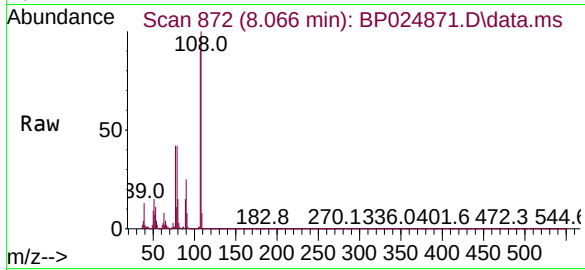
Tgt Ion: 45 Resp: 832787
Ion Ratio Lower Upper
45 100
77 16.8 0.0 36.3
79 13.1 0.0 32.2





#17
2-Methylphenol
Concen: 40.381 ng
RT: 8.066 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

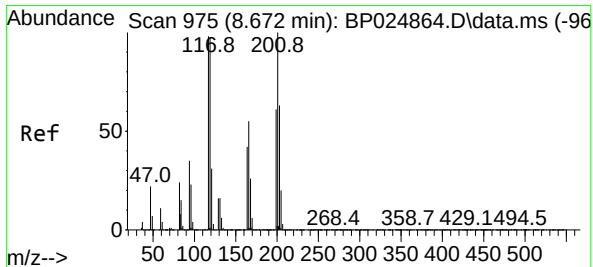
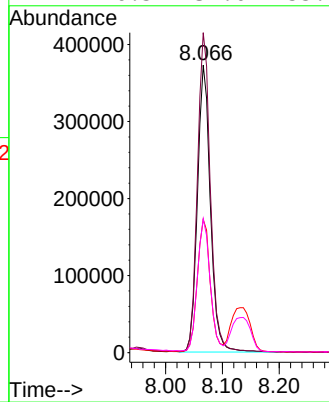
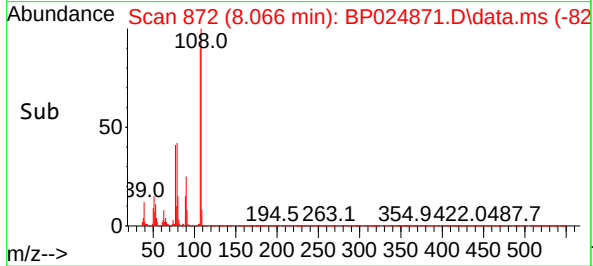
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 588106
Ion Ratio Lower Upper
107 100
108 111.3 88.6 132.8
77 46.3 38.5 57.7
79 46.5 37.0 55.6

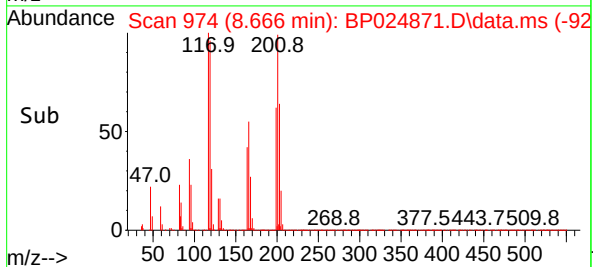
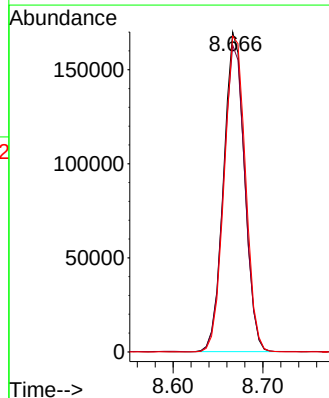
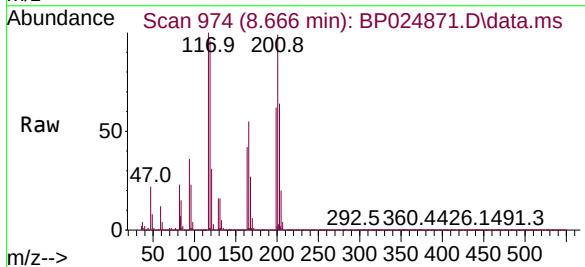
Manual Integrations
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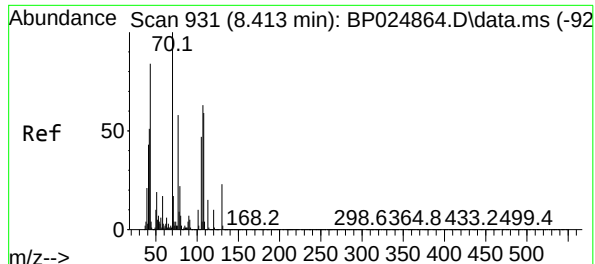
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#18
Hexachloroethane
Concen: 37.656 ng
RT: 8.666 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Tgt Ion:117 Resp: 276609
Ion Ratio Lower Upper
117 100
119 95.8 79.4 119.2
201 98.7 81.4 122.2





#19

n-Nitroso-di-n-propylamine

Concen: 40.367 ng

RT: 8.413 min Scan# 931

Delta R.T. -0.000 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 555174

Ion Ratio Lower Upper

70 100

42 52.0 41.2 61.8

101 10.2 8.3 12.5

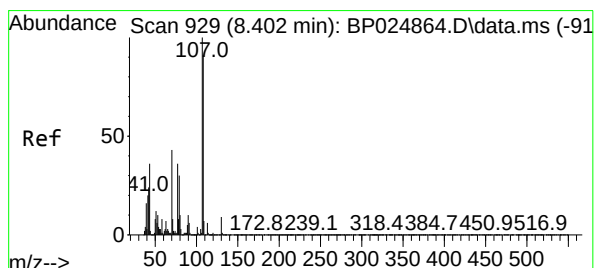
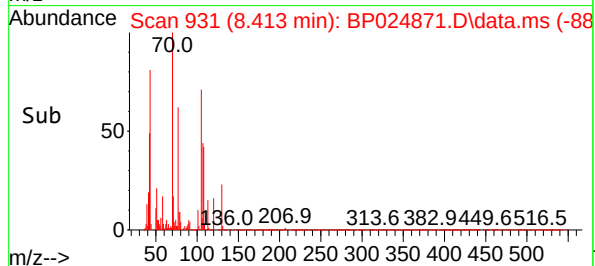
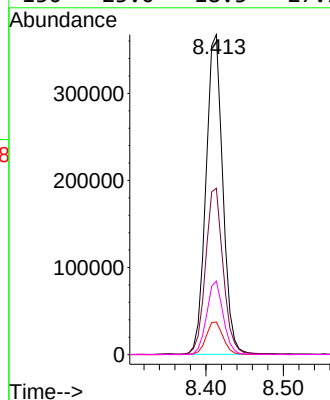
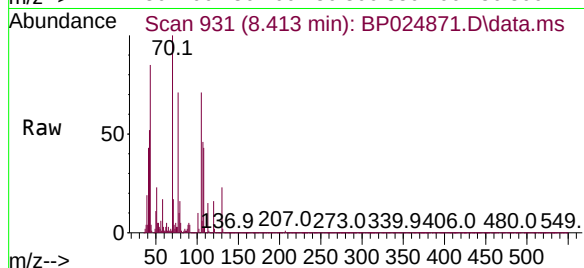
130 23.0 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#20

3+4-Methylphenols

Concen: 40.467 ng

RT: 8.396 min Scan# 928

Delta R.T. -0.006 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Tgt Ion:107 Resp: 804072

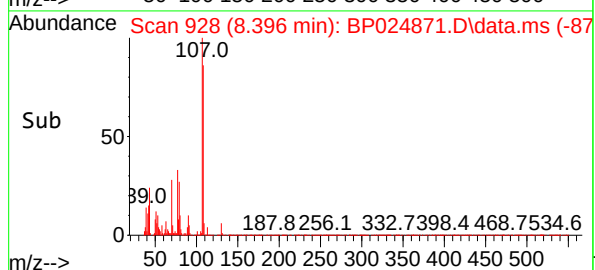
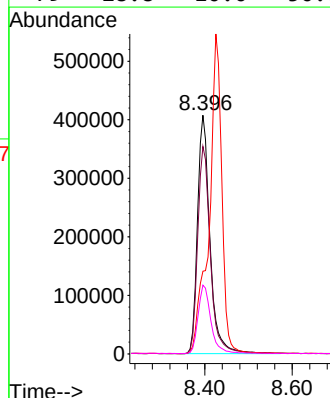
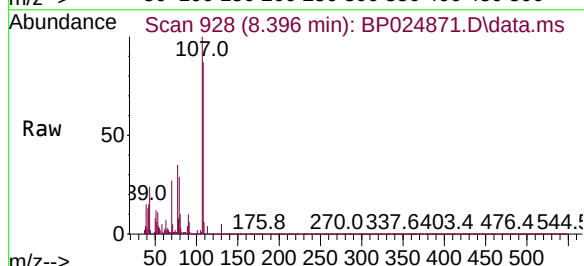
Ion Ratio Lower Upper

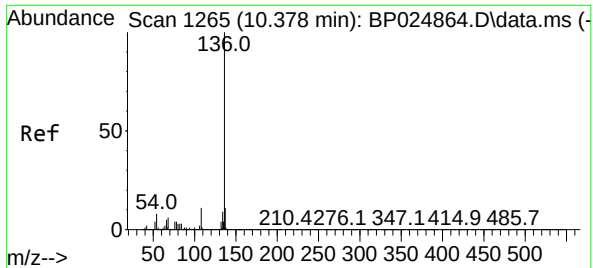
107 100

108 87.0 70.7 110.7

77 34.6 16.6 56.6

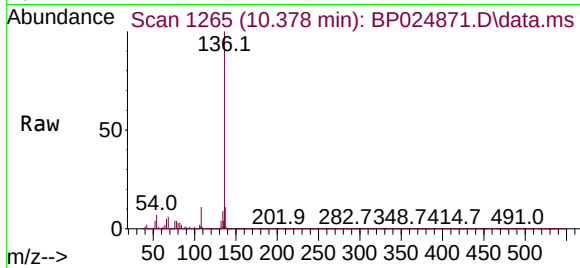
79 28.8 10.0 50.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

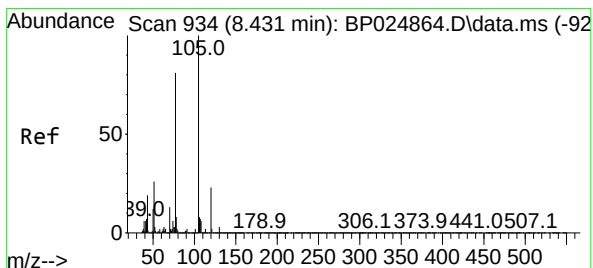
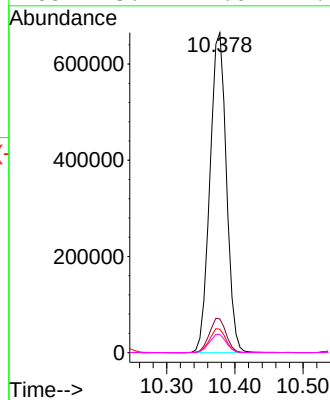
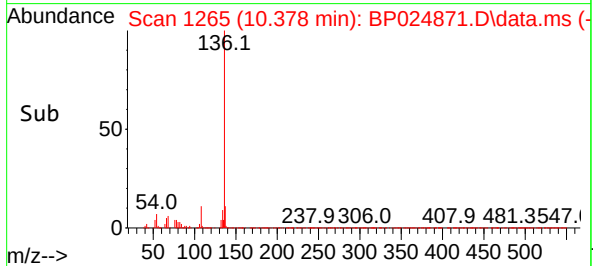
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:136 Resp: 1115940
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.3 6.1 9.1
68 5.7 4.6 7.0

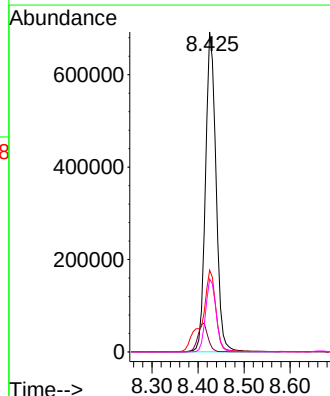
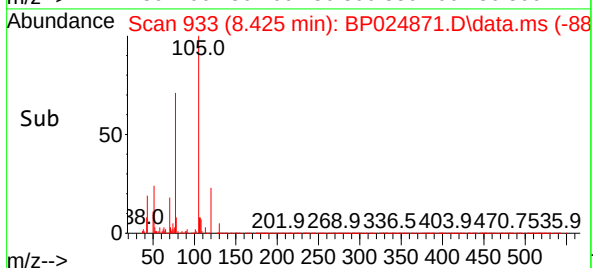
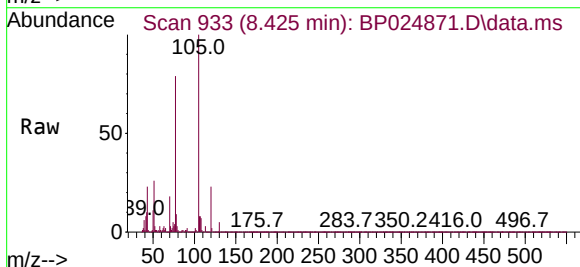
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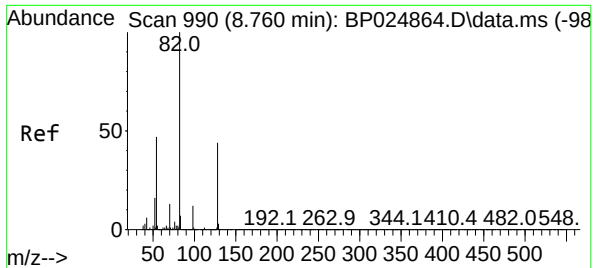
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#22
Acetophenone
Concen: 38.956 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Tgt Ion:105 Resp: 1098338
Ion Ratio Lower Upper
105 100
71 3.0 1.6 2.4#
51 25.5 20.6 31.0
120 22.8 18.2 27.4





#23

Nitrobenzene-d5

Concen: 78.737 ng

RT: 8.760 min Scan# 990

Delta R.T. -0.000 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1808189

Ion Ratio Lower Upper

82 100

128 44.2 35.3 52.9

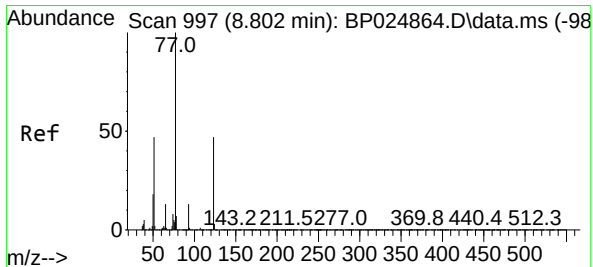
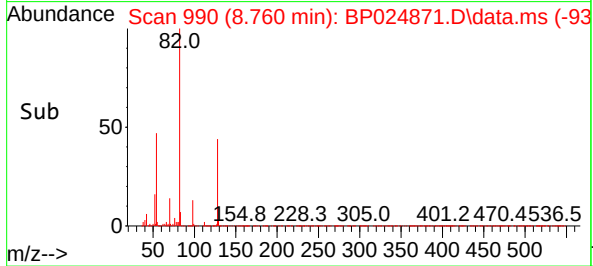
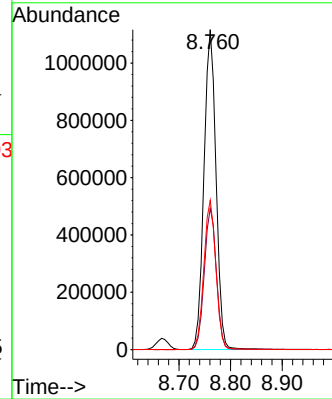
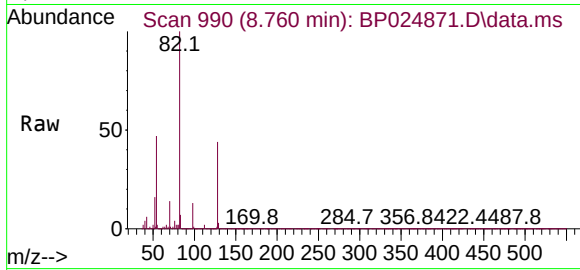
54 46.7 37.4 56.0

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#24

Nitrobenzene

Concen: 39.249 ng

RT: 8.802 min Scan# 997

Delta R.T. -0.000 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

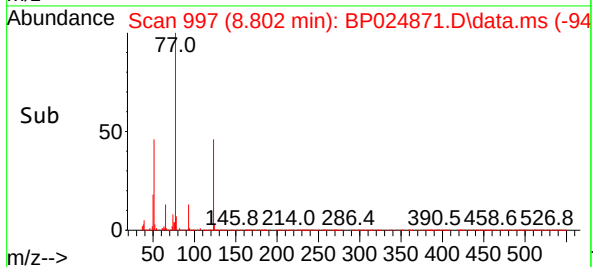
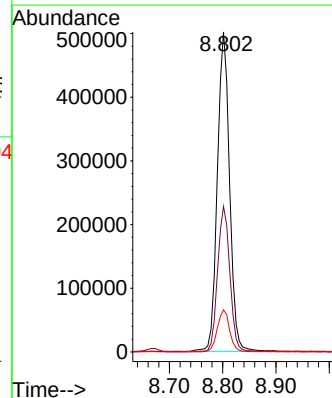
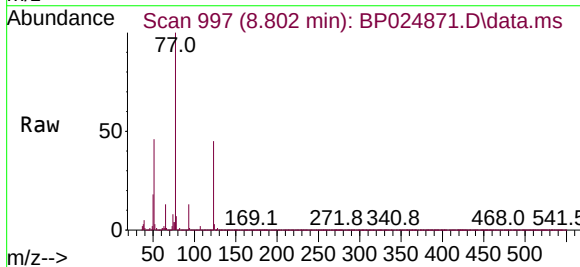
Tgt Ion: 77 Resp: 800749

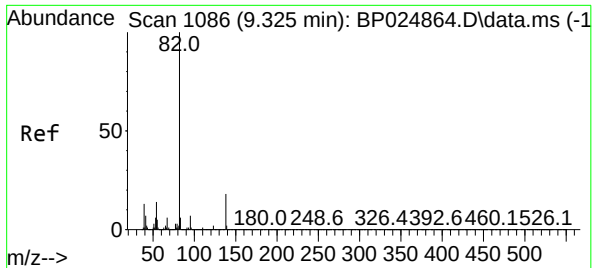
Ion Ratio Lower Upper

77 100

123 45.5 37.3 55.9

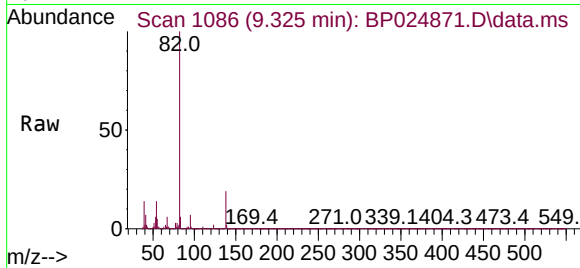
65 13.1 10.8 16.2





#25
Isophorone
Concen: 38.882 ng
RT: 9.325 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

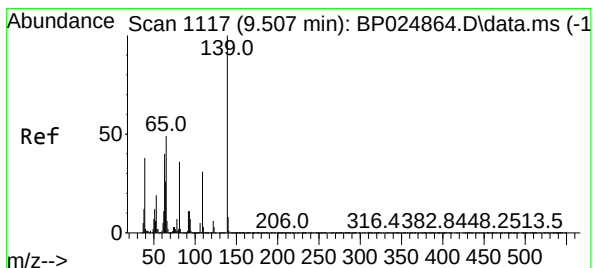
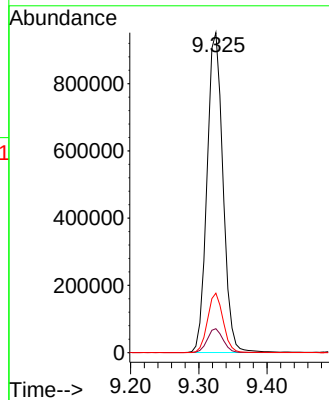
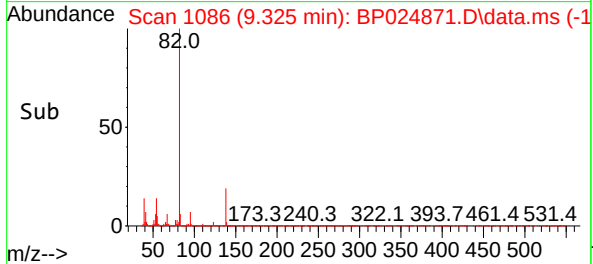
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 1547539
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.6 14.6 21.8

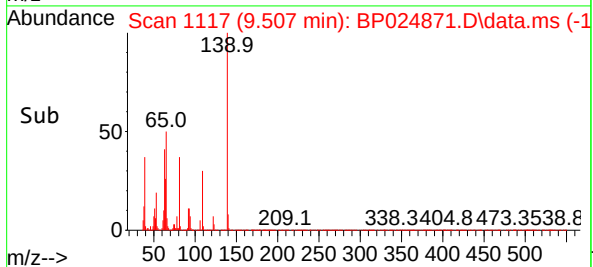
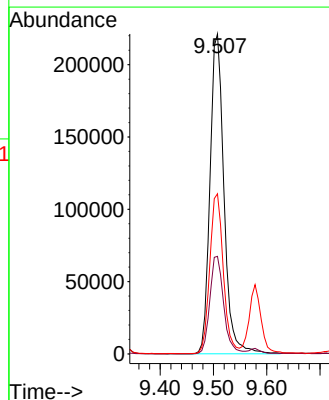
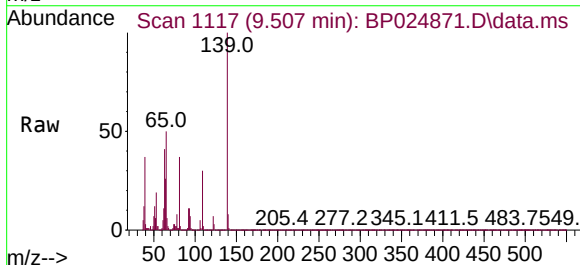
Manual Integrations
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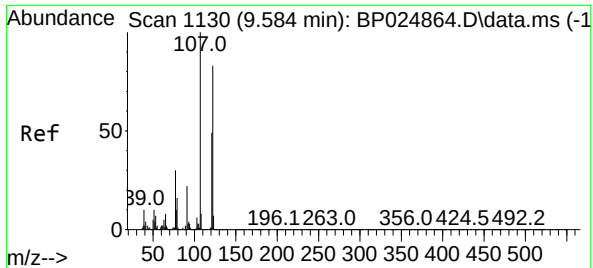
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#26
2-Nitrophenol
Concen: 40.144 ng
RT: 9.507 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Tgt Ion:139 Resp: 404106
Ion Ratio Lower Upper
139 100
109 30.5 24.6 37.0
65 50.0 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 39.225 ng

RT: 9.578 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP024871.D

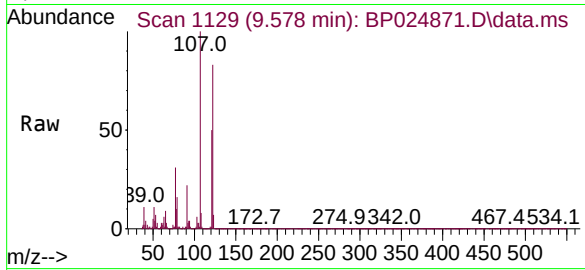
Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion:122 Resp: 675766

Ion Ratio Lower Upper

122 100

107 120.0 96.2 144.4

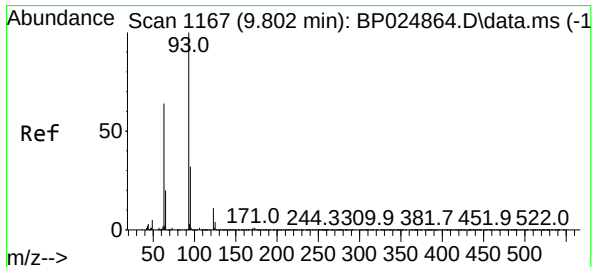
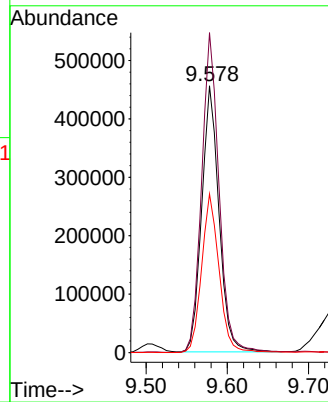
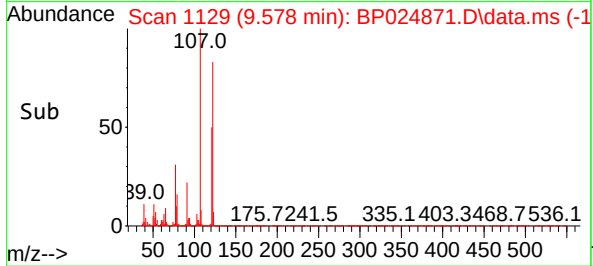
121 59.5 47.0 70.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#28

bis(2-Chloroethoxy)methane

Concen: 38.433 ng

RT: 9.796 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

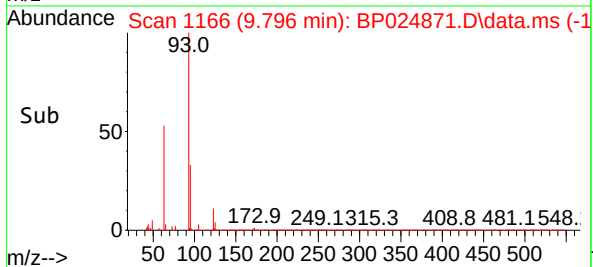
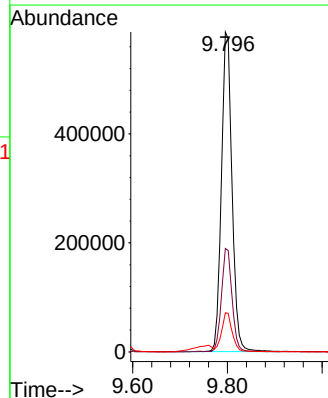
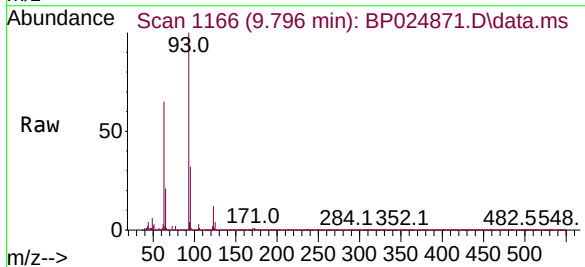
Tgt Ion: 93 Resp: 912458

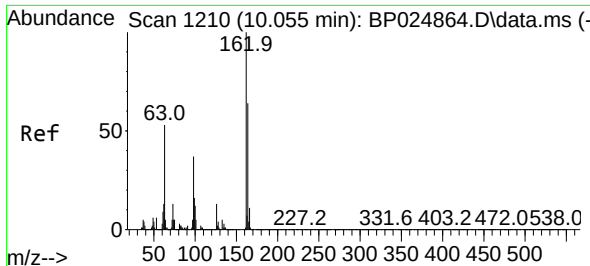
Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

123 12.2 9.2 13.8





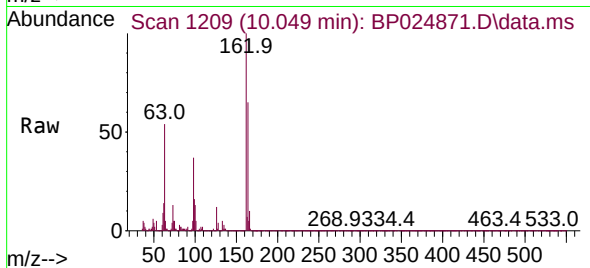
#29
2,4-Dichlorophenol
Concen: 39.988 ng
RT: 10.049 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

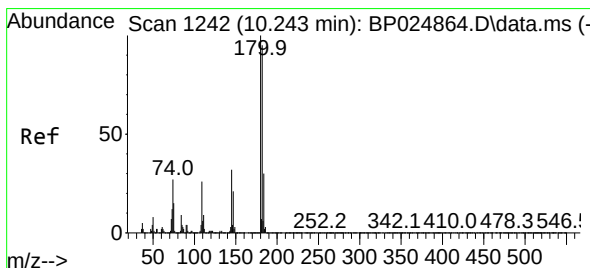
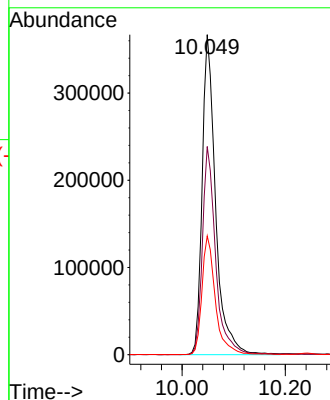
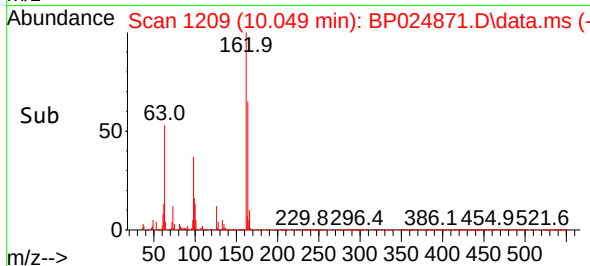


Tgt Ion:162 Resp: 661006
Ion Ratio Lower Upper
162 100
164 65.0 44.0 84.0
98 37.1 16.9 56.9

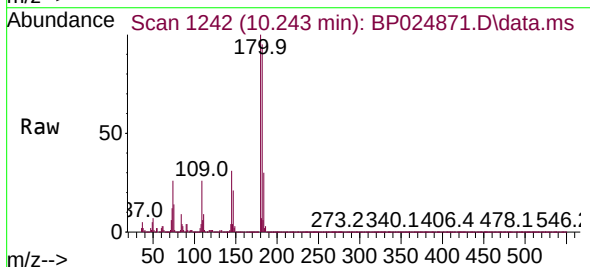
Manual Integrations

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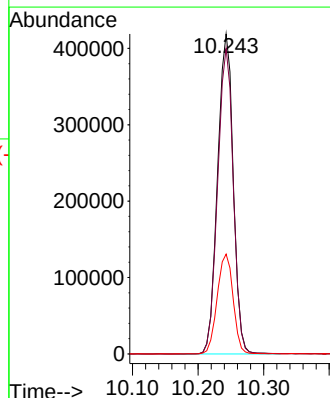
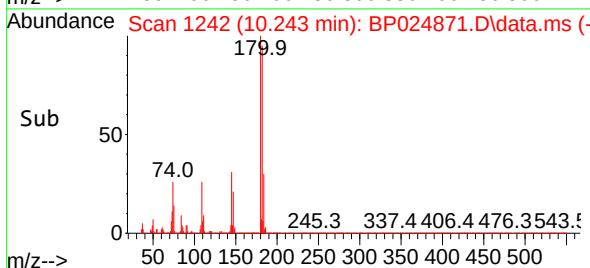
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

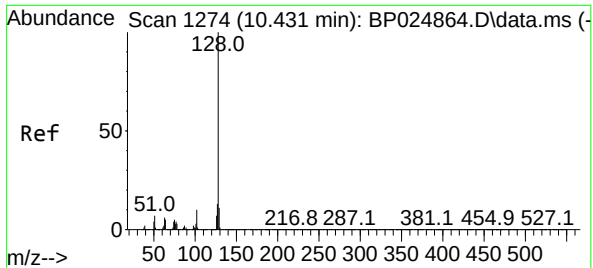


#30
1,2,4-Trichlorobenzene
Concen: 37.323 ng
RT: 10.243 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44



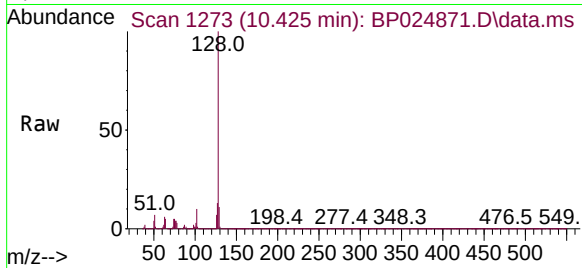
Tgt Ion:180 Resp: 695864
Ion Ratio Lower Upper
180 100
182 95.4 75.8 113.6
145 31.2 25.7 38.5





#31
Naphthalene
Concen: 38.386 ng
RT: 10.425 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

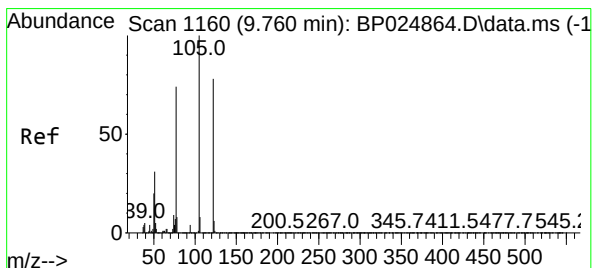
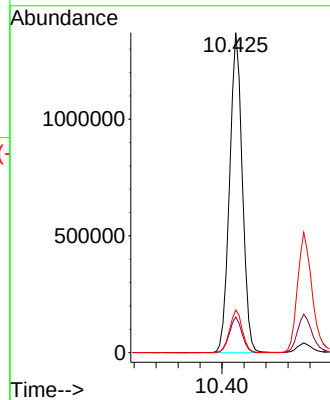
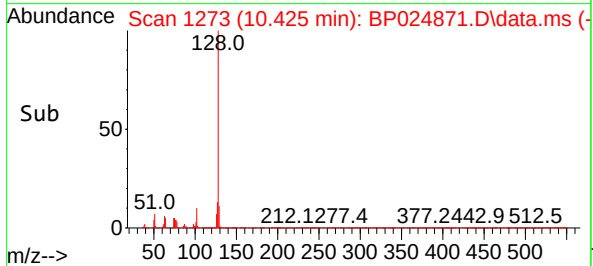
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 2195188
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.7 16.1

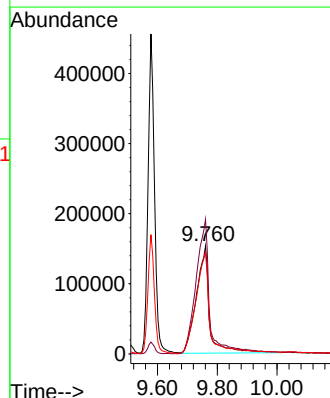
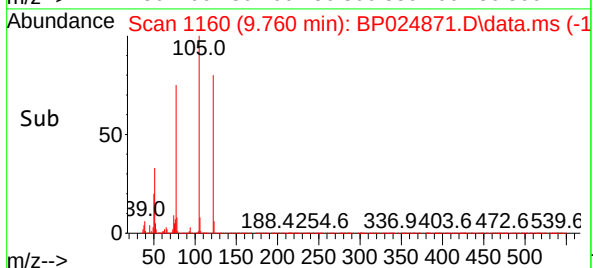
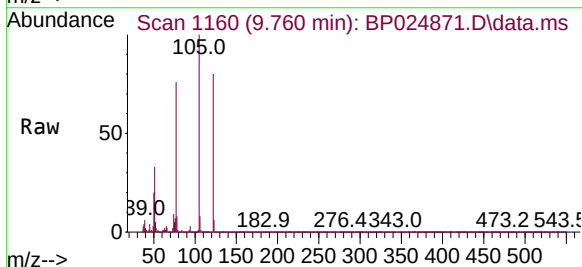
Manual Integrations
APPROVED

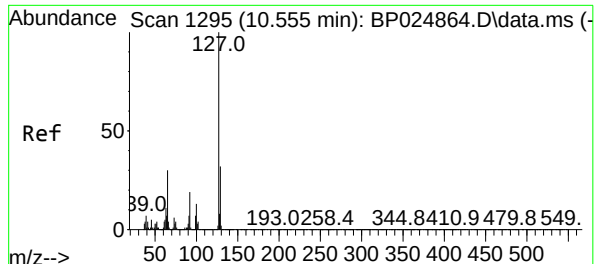
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#32
Benzoic acid
Concen: 40.563 ng
RT: 9.760 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Tgt Ion:122 Resp: 472238
Ion Ratio Lower Upper
122 100
105 124.7 107.1 147.1
77 94.3 75.1 115.1





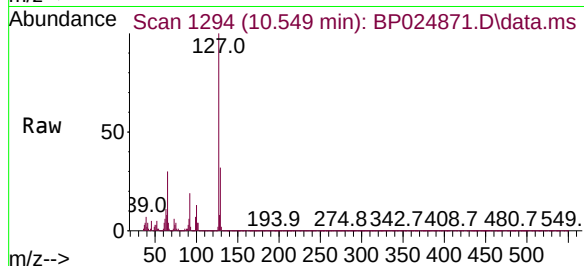
#33
4-Chloroaniline
Concen: 40.422 ng
RT: 10.549 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

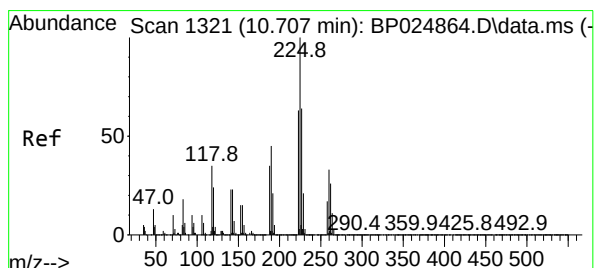
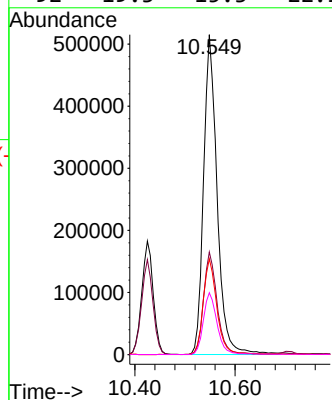
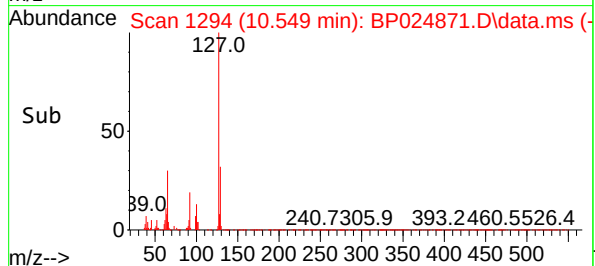


Tgt Ion:127 Resp: 968476
Ion Ratio Lower Upper
127 100
129 32.1 25.9 38.9
65 29.9 23.9 35.9
92 19.3 15.3 22.9

Manual Integrations

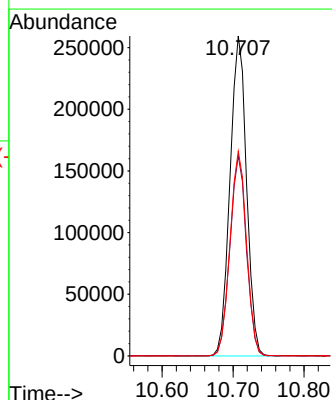
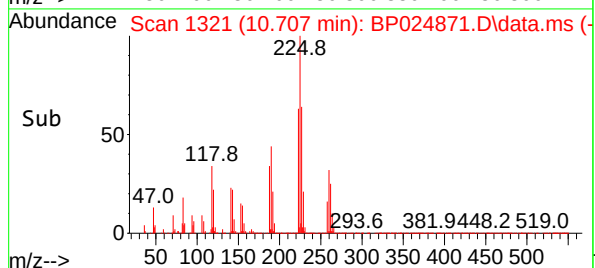
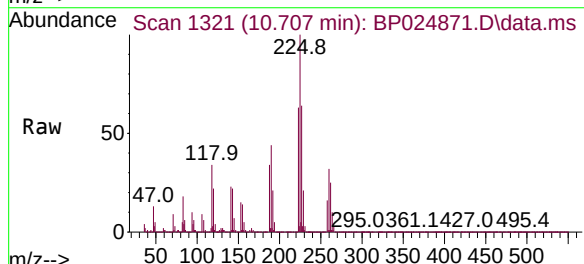
APPROVED

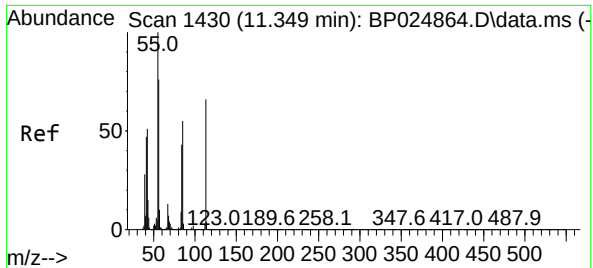
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#34
Hexachlorobutadiene
Concen: 37.207 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

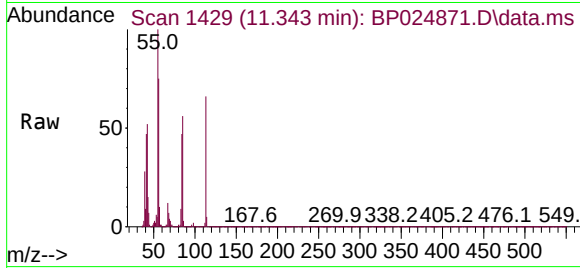
Tgt Ion:225 Resp: 418109
Ion Ratio Lower Upper
225 100
223 62.5 50.5 75.7
227 64.0 51.4 77.2





#35
Caprolactam
Concen: 41.048 ng
RT: 11.343 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

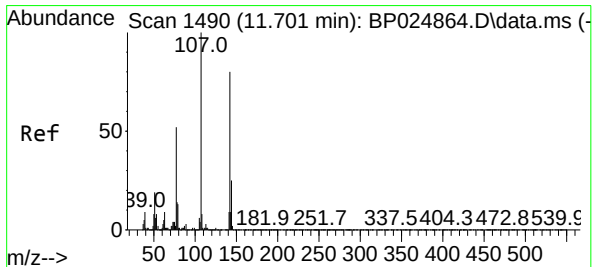
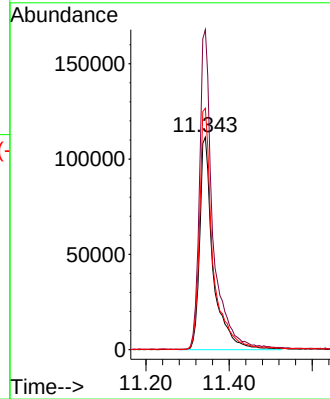
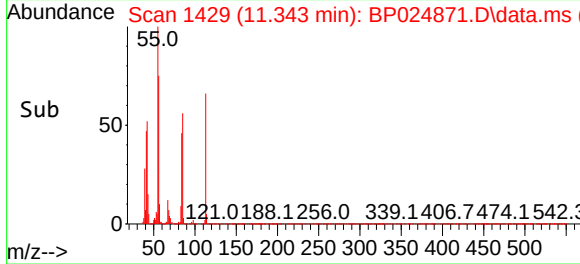
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



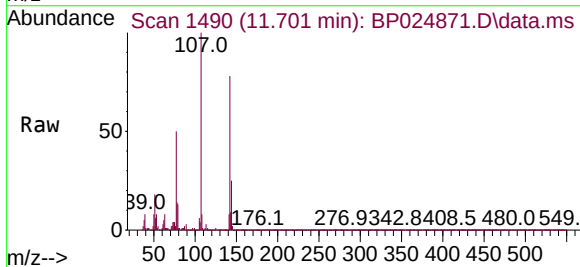
Tgt Ion:113 Resp: 24977
Ion Ratio Lower Upper
113 100
55 150.7 132.5 172.5
56 113.6 96.0 136.0

Manual Integrations
APPROVED

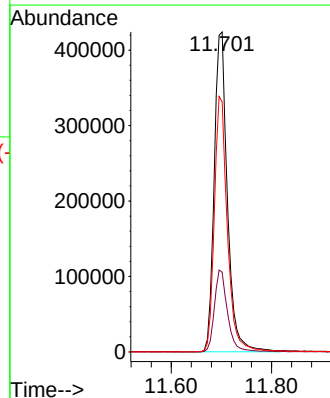
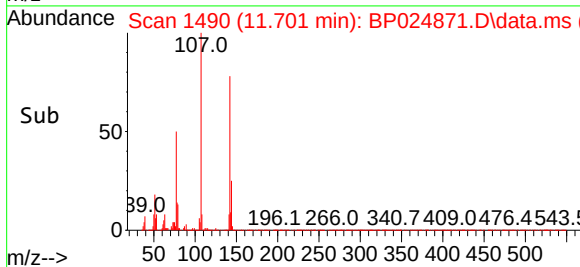
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

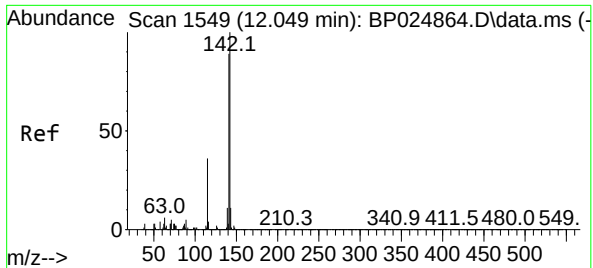


#36
4-Chloro-3-methylphenol
Concen: 40.629 ng
RT: 11.701 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44



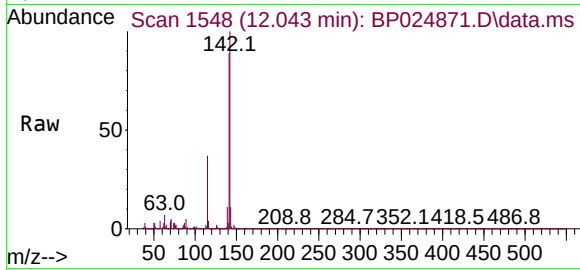
Tgt Ion:107 Resp: 774660
Ion Ratio Lower Upper
107 100
144 24.9 20.4 30.6
142 78.1 63.8 95.6





#37
2-Methylnaphthalene
Concen: 39.479 ng
RT: 12.043 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

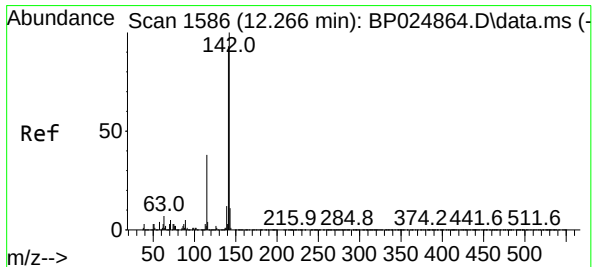
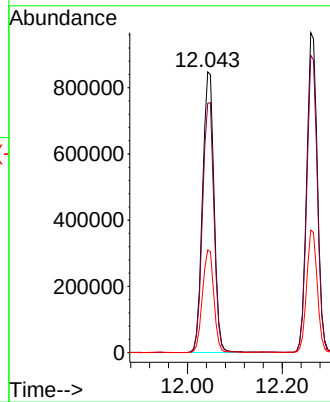
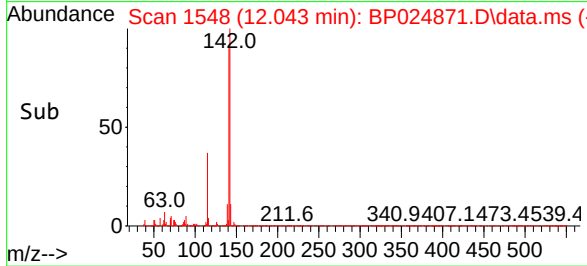
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:142 Resp: 1432131
Ion Ratio Lower Upper
142 100
141 88.8 71.2 106.8
115 36.5 28.5 42.7

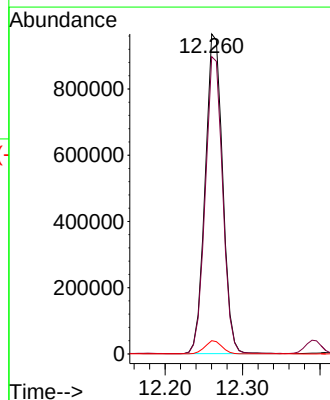
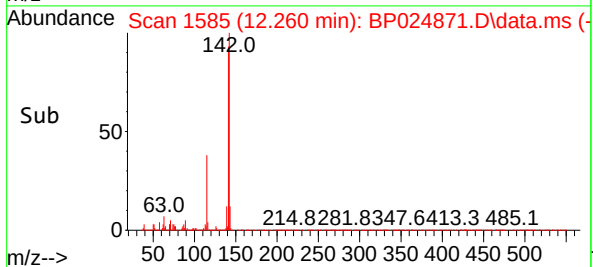
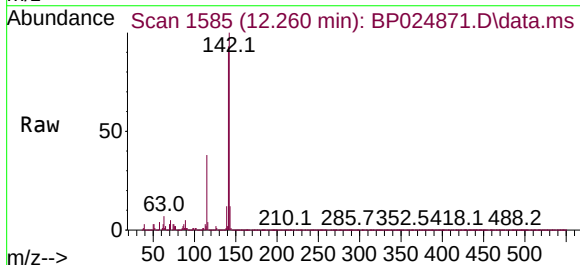
Manual Integrations
APPROVED

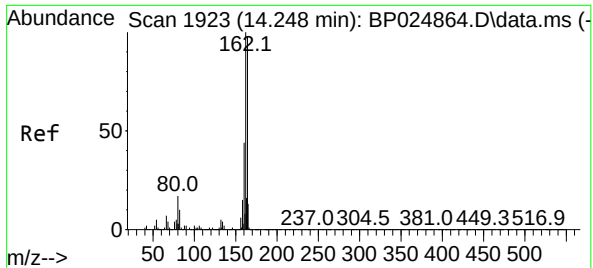
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#38
1-Methylnaphthalene
Concen: 38.845 ng
RT: 12.260 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Tgt Ion:142 Resp: 1506506
Ion Ratio Lower Upper
142 100
141 92.9 74.7 112.1
116 4.1 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.242 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:164 Resp: 72208

Ion Ratio Lower Upper

164 100

162 100.4 81.6 122.4

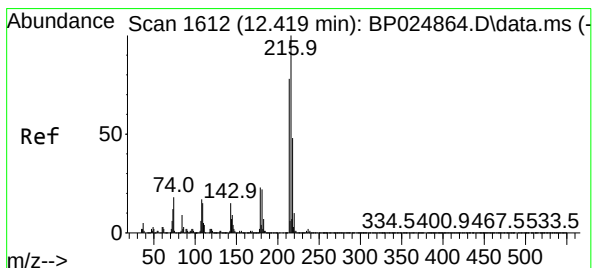
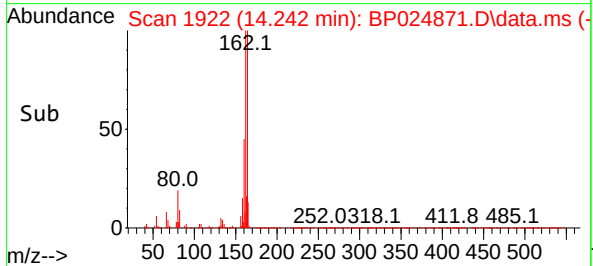
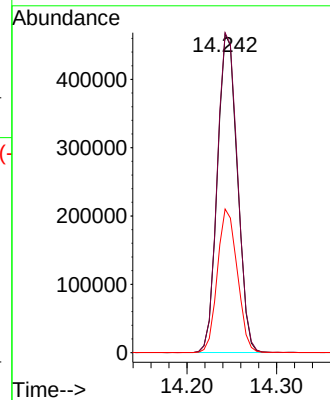
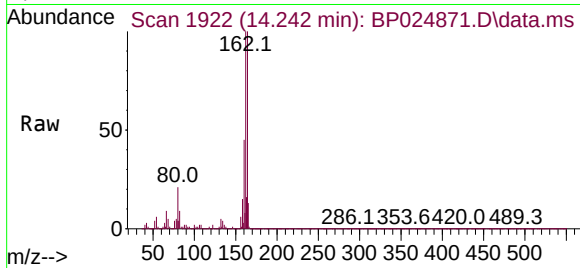
160 45.1 36.2 54.2

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.146 ng

RT: 12.419 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Tgt Ion:216 Resp: 781589

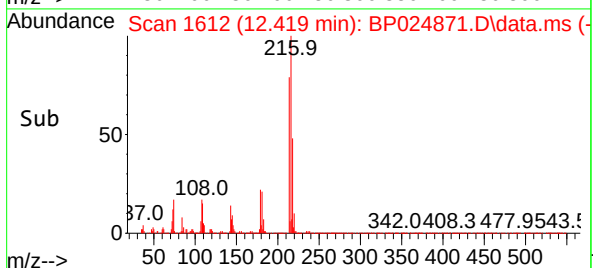
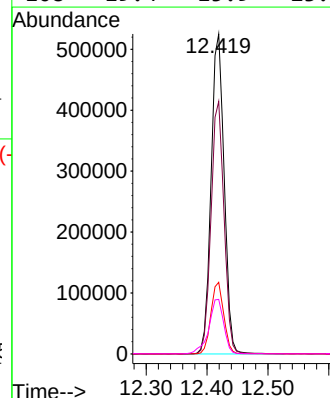
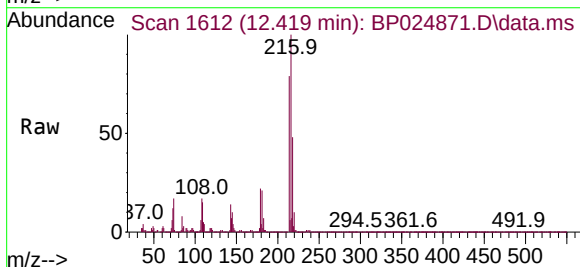
Ion Ratio Lower Upper

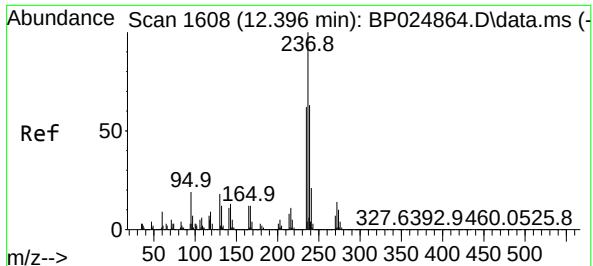
216 100

214 78.5 63.0 94.4

179 22.1 17.8 26.6

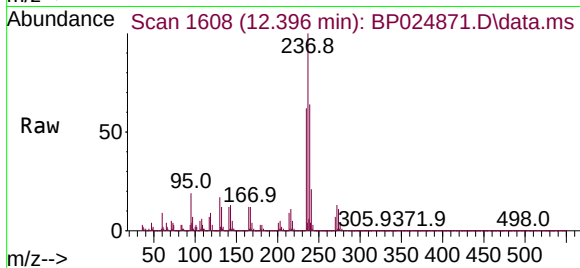
108 19.4 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 38.332 ng
RT: 12.396 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

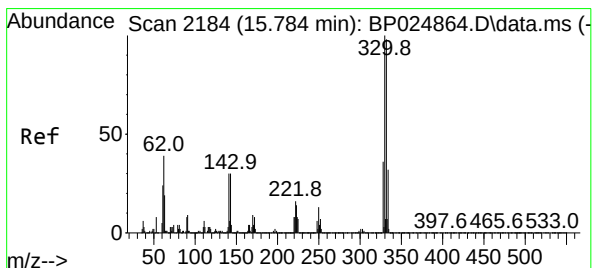
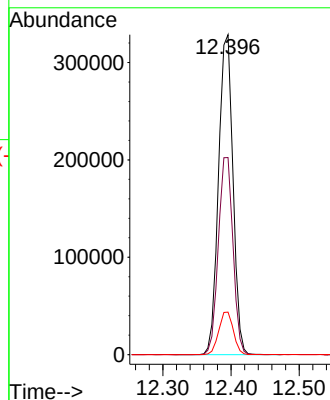
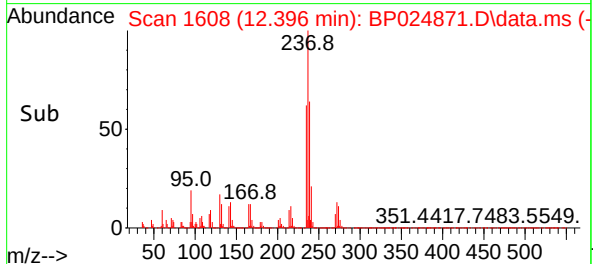
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 237 Resp: 479050
Ion Ratio Lower Upper
237 100
235 61.6 41.9 81.9
272 13.3 0.0 33.7

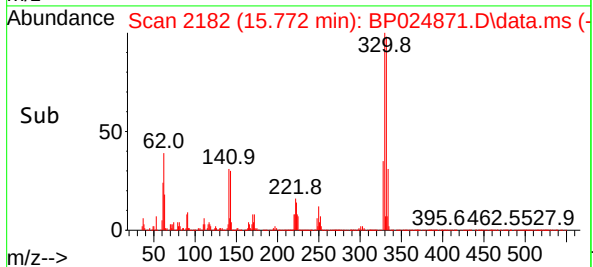
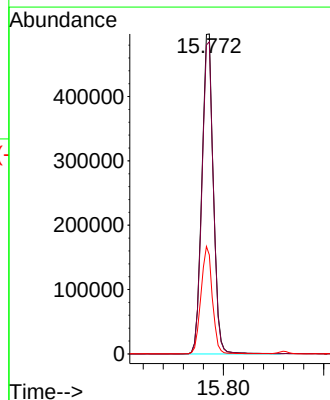
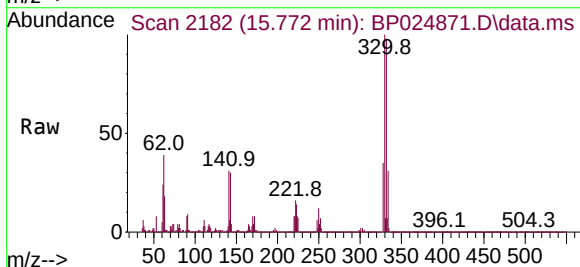
Manual Integrations
APPROVED

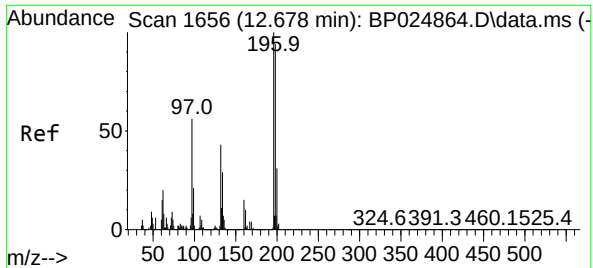
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#42
2,4,6-Tribromophenol
Concen: 78.869 ng
RT: 15.772 min Scan# 2182
Delta R.T. -0.012 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Tgt Ion: 330 Resp: 787365
Ion Ratio Lower Upper
330 100
332 97.3 77.7 116.5
141 33.4 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 39.103 ng

RT: 12.672 min Scan# 1655

Delta R.T. -0.006 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 538063

Ion Ratio Lower Upper

196 100

198 93.9 75.4 113.0

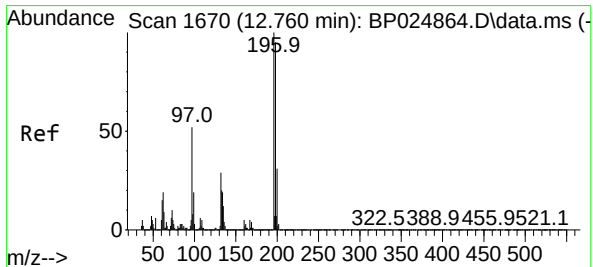
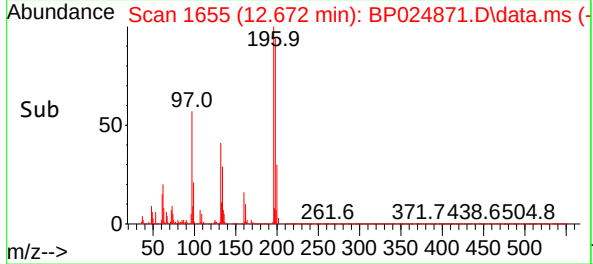
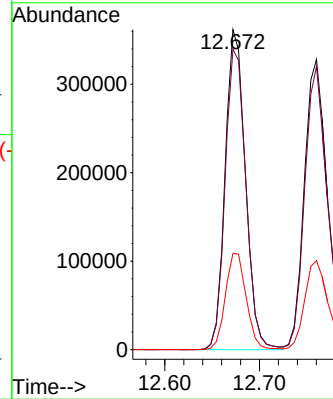
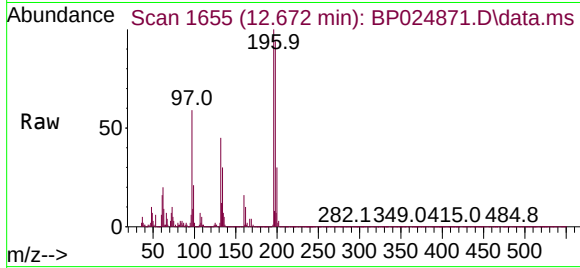
200 30.1 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#44

2,4,5-Trichlorophenol

Concen: 40.784 ng

RT: 12.760 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Tgt Ion:196 Resp: 600998

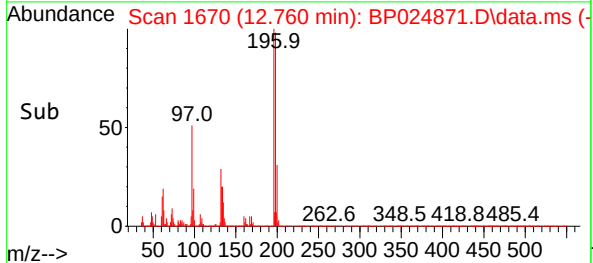
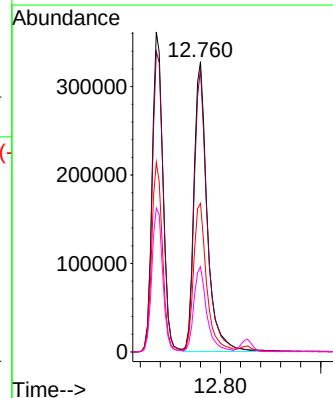
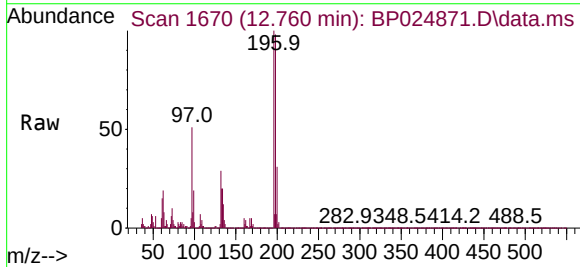
Ion Ratio Lower Upper

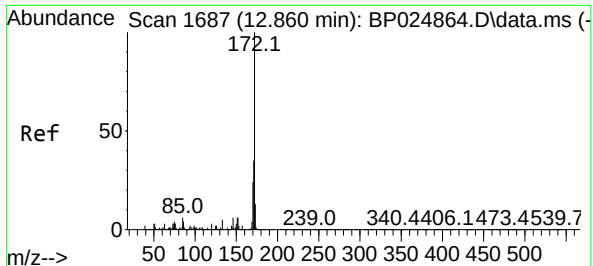
196 100

198 97.6 76.0 114.0

97 51.2 41.5 62.3

132 29.3 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 75.092 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 4025076

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

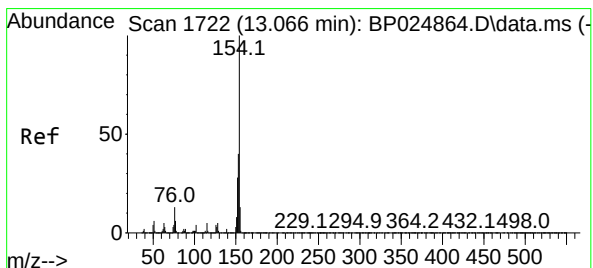
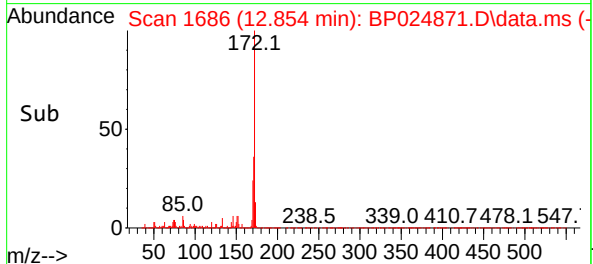
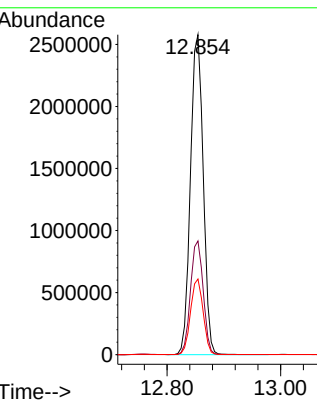
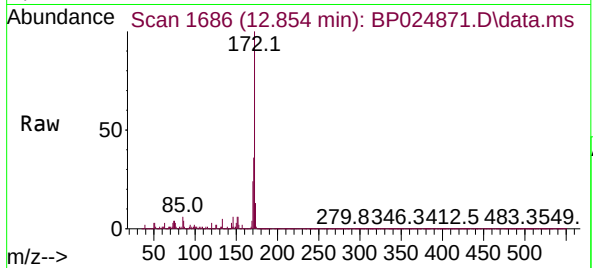
170 23.6 19.0 28.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#46

1,1'-Biphenyl

Concen: 38.014 ng

RT: 13.066 min Scan# 1722

Delta R.T. -0.000 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

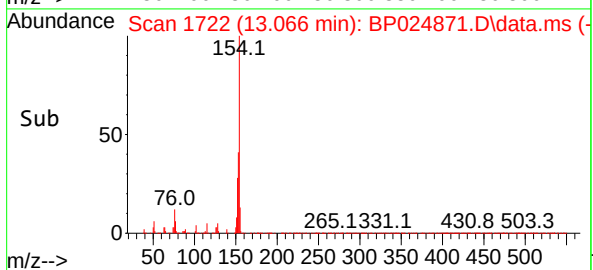
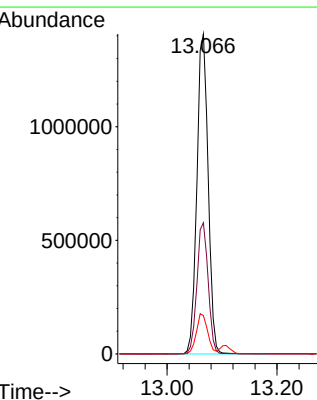
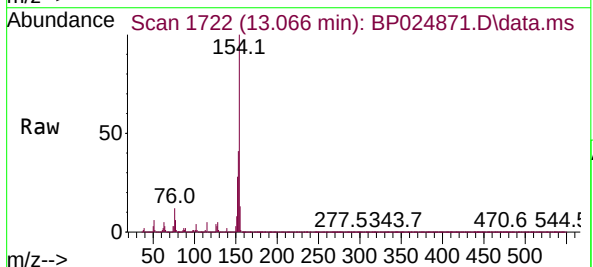
Tgt Ion:154 Resp: 1994835

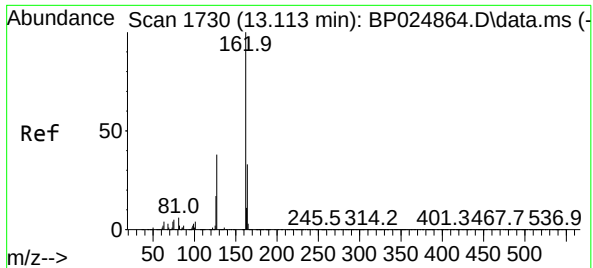
Ion Ratio Lower Upper

154 100

153 41.0 20.3 60.3

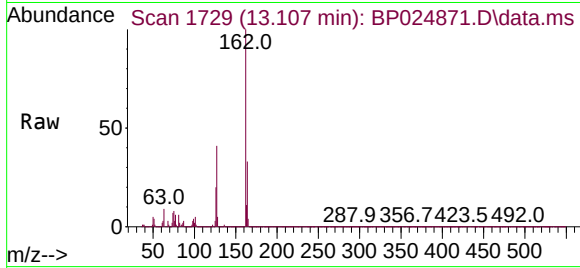
76 12.0 0.0 33.0





#47
2-Chloronaphthalene
Concen: 38.278 ng
RT: 13.107 min Scan# 1729
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

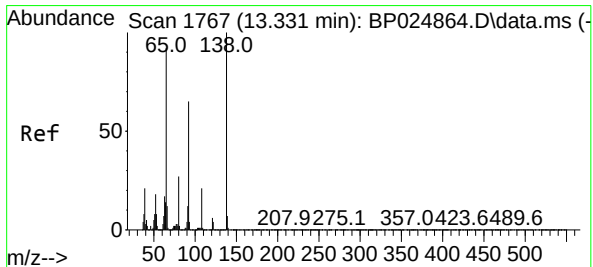
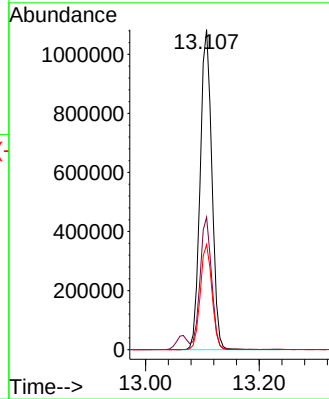
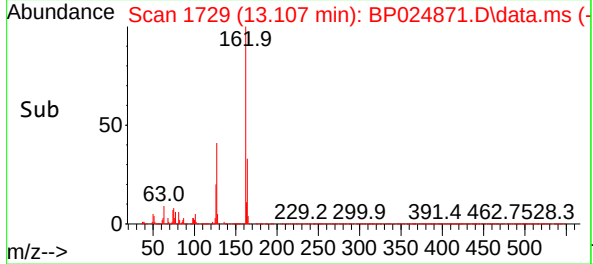
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:162 Resp: 1543806
Ion Ratio Lower Upper
162 100
127 41.4 32.5 48.7
164 32.8 26.2 39.2

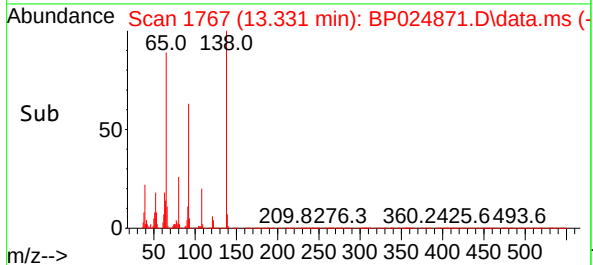
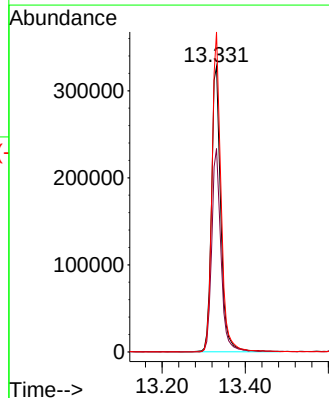
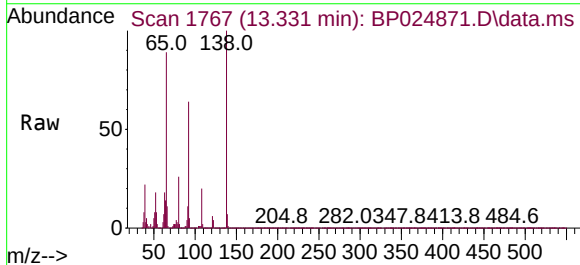
Manual Integrations
APPROVED

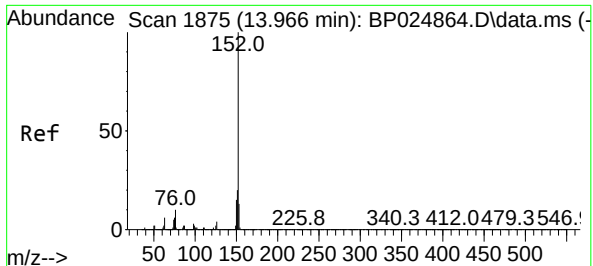
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#48
2-Nitroaniline
Concen: 40.825 ng
RT: 13.331 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Tgt Ion: 65 Resp: 506207
Ion Ratio Lower Upper
65 100
92 71.2 56.8 85.2
138 112.1 86.9 130.3





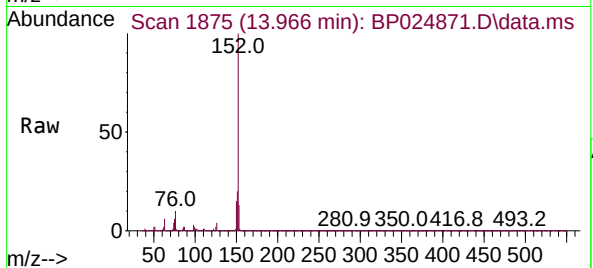
#49
Acenaphthylene
Concen: 38.013 ng
RT: 13.966 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



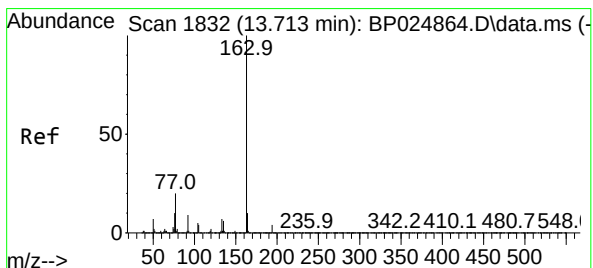
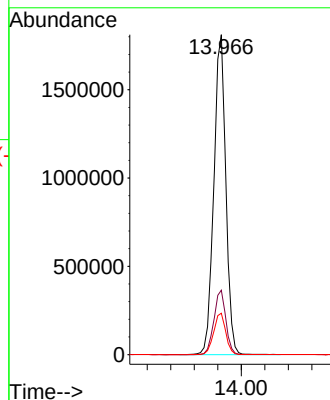
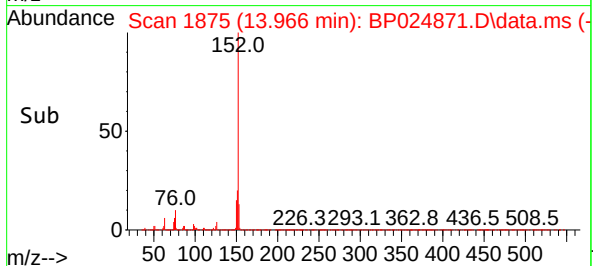
Tgt Ion:152 Resp: 2556300
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 12.9 10.6 15.8

Manual Integrations

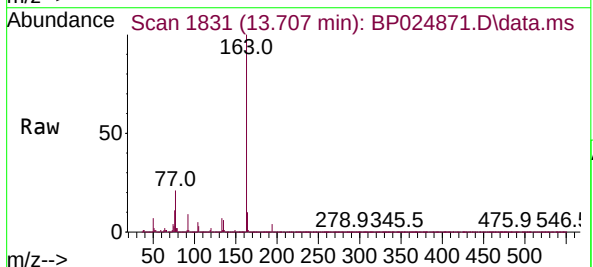
APPROVED

Reviewed By :Rahul Chavli 06/10/2025

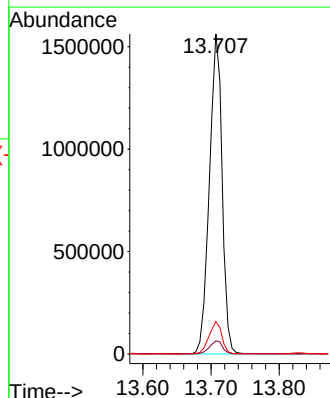
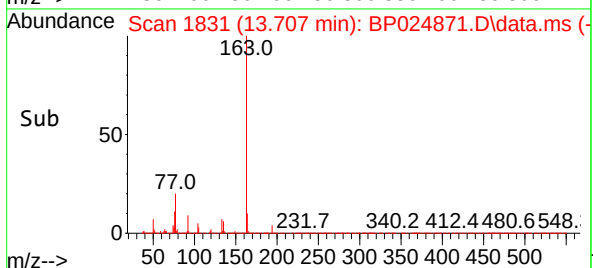
Supervised By :Jagrut Upadhyay 06/10/2025

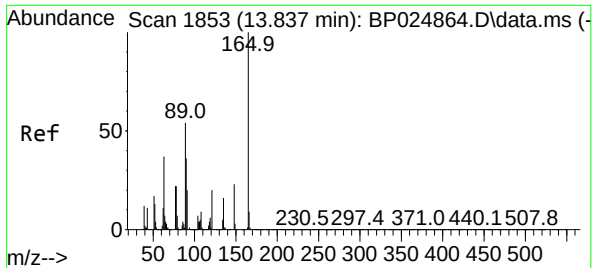


#50
Dimethylphthalate
Concen: 37.961 ng
RT: 13.707 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44



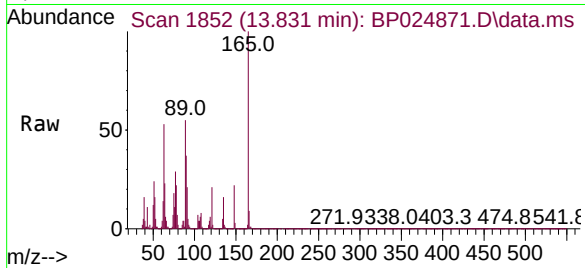
Tgt Ion:163 Resp: 2022085
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 38.784 ng
RT: 13.831 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

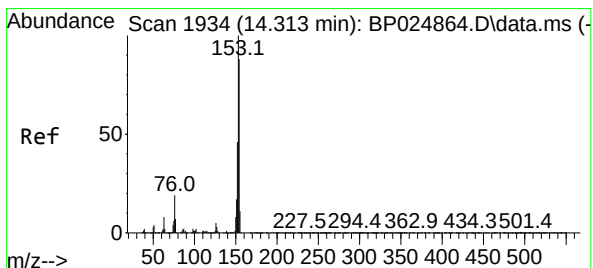
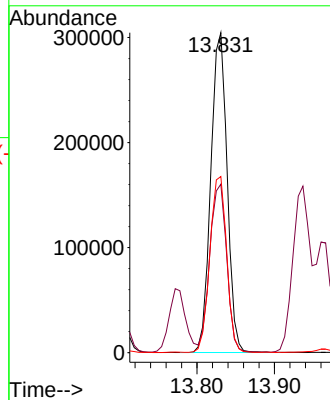
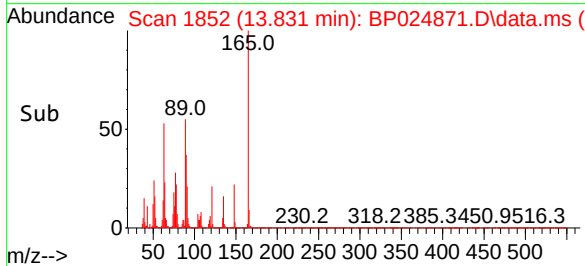
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 44537
Ion Ratio Lower Upper
165 100
63 52.6 41.8 62.8
89 55.1 43.1 64.7

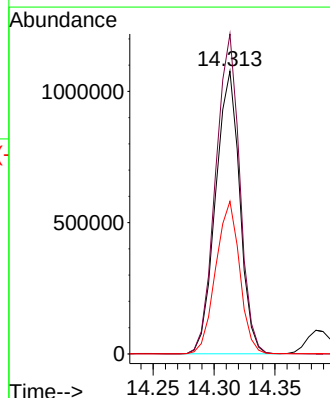
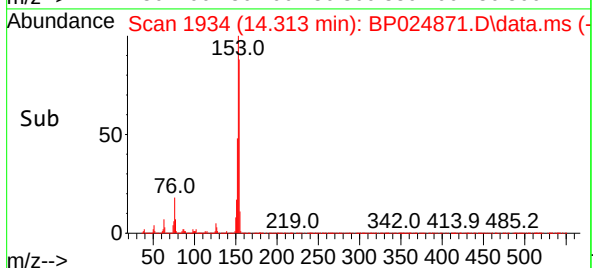
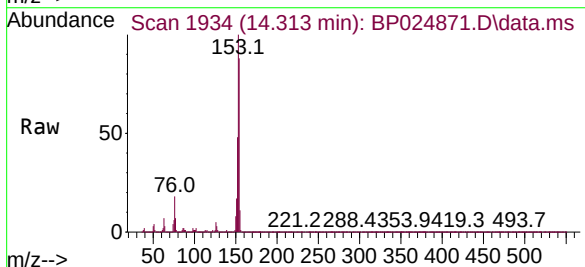
Manual Integrations
APPROVED

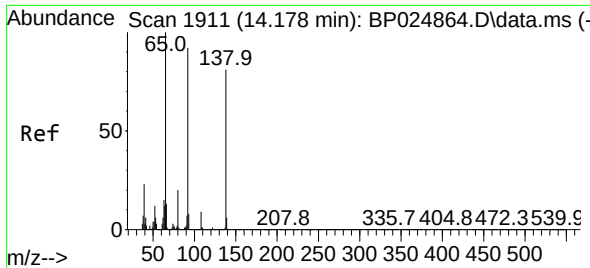
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#52
Acenaphthene
Concen: 38.548 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

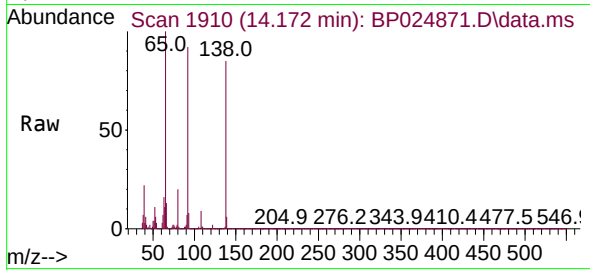
Tgt Ion:154 Resp: 1485445
Ion Ratio Lower Upper
154 100
153 113.2 90.5 135.7
152 54.0 42.1 63.1





#53
3-Nitroaniline
Concen: 41.514 ng
RT: 14.172 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

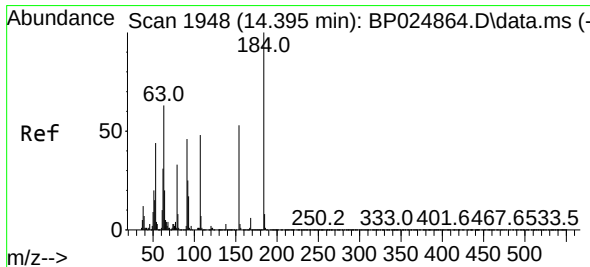
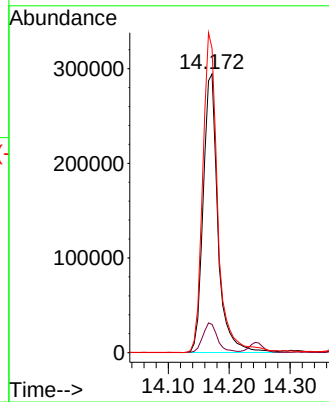
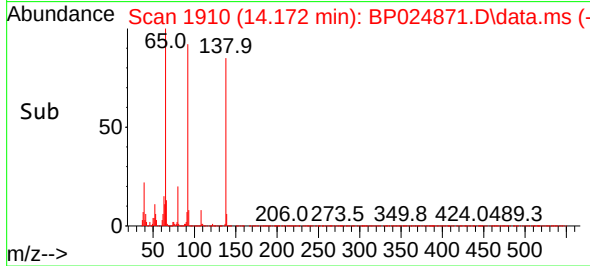
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 494719
Ion Ratio Lower Upper
138 100
108 10.1 8.6 12.8
92 109.2 91.3 136.9

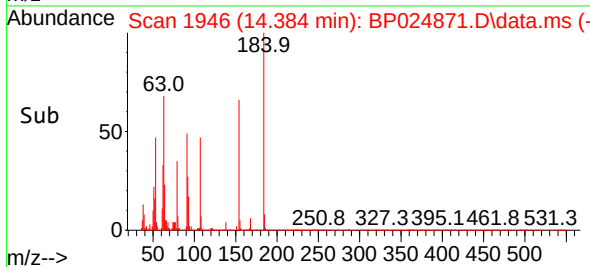
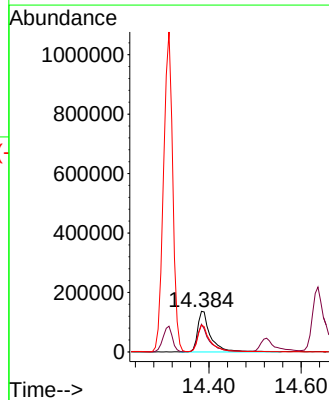
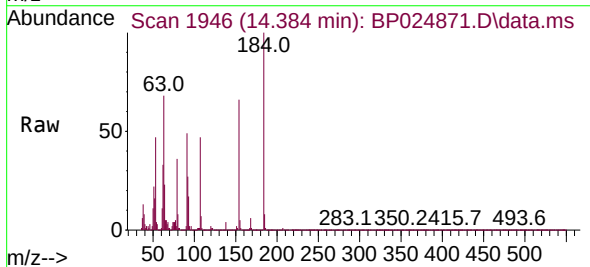
Manual Integrations
APPROVED

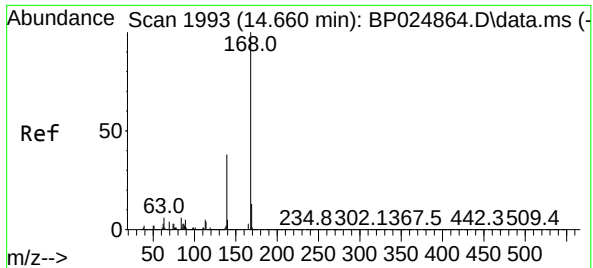
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#54
2,4-Dinitrophenol
Concen: 38.223 ng
RT: 14.384 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Tgt Ion:184 Resp: 262463
Ion Ratio Lower Upper
184 100
63 68.2 51.0 76.4
154 65.8 51.7 77.5





#55

Dibenzenofuran

Concen: 38.059 ng

RT: 14.654 min Scan# 1993

Delta R.T. -0.006 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:168 Resp: 2354168

Ion Ratio Lower Upper

168 100

139 39.5 31.6 47.4

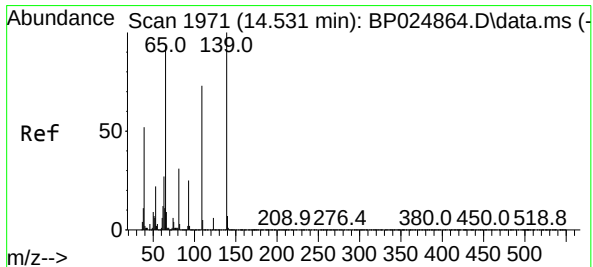
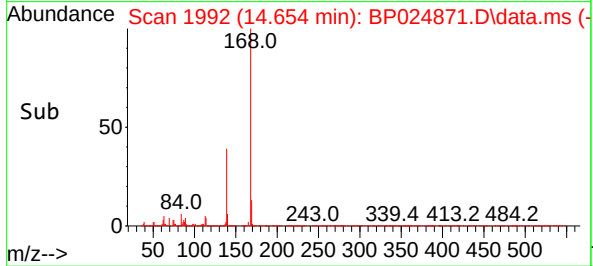
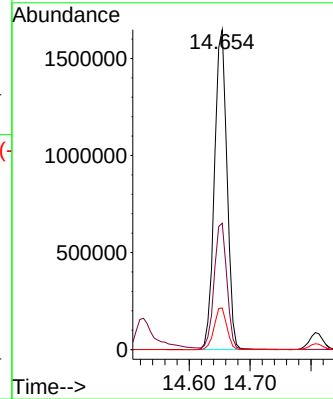
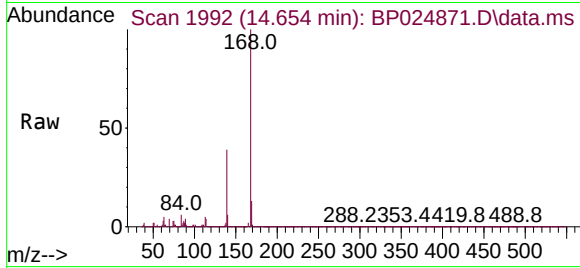
169 13.0 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#56

4-Nitrophenol

Concen: 39.074 ng

RT: 14.525 min Scan# 1970

Delta R.T. -0.006 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

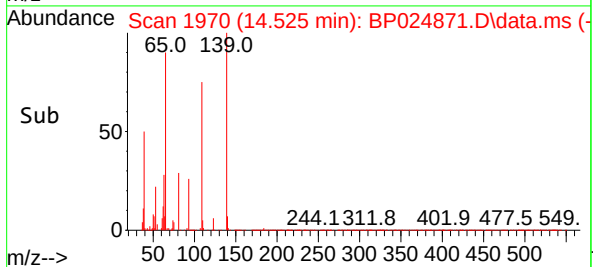
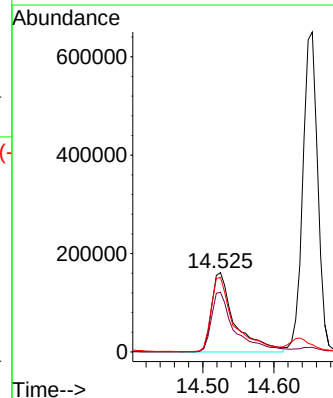
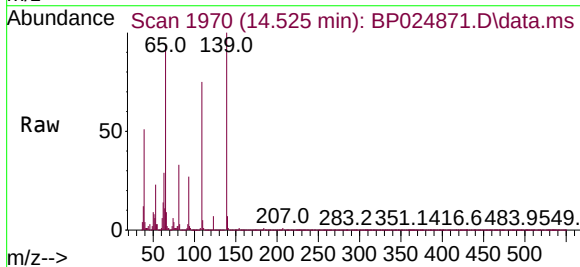
Tgt Ion:139 Resp: 364266

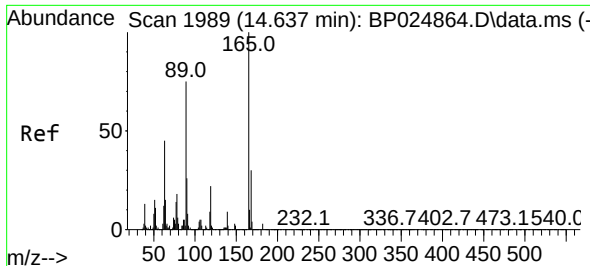
Ion Ratio Lower Upper

139 100

109 75.2 53.1 93.1

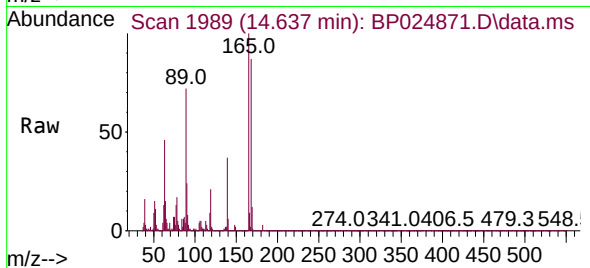
65 94.0 73.0 113.0





#57
2,4-Dinitrotoluene
Concen: 39.866 ng
RT: 14.637 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

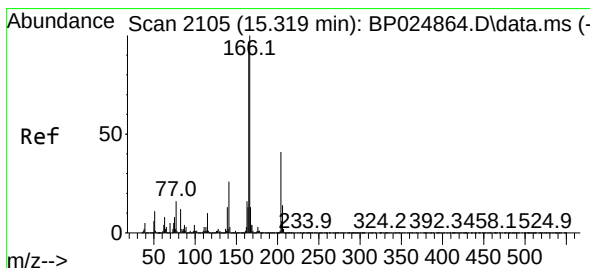
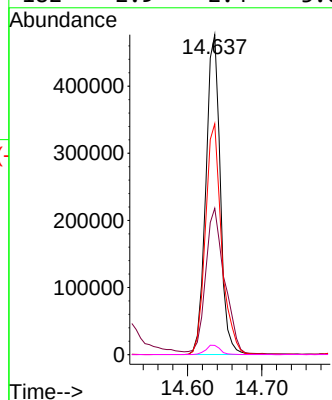
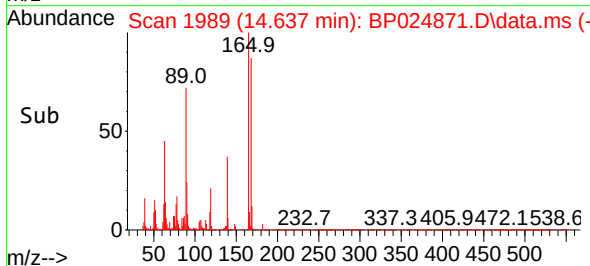
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 640380
Ion Ratio Lower Upper
165 100
63 45.7 37.0 55.6
89 72.2 60.1 90.1
182 2.9 2.4 3.6

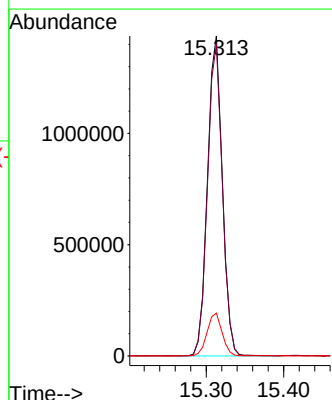
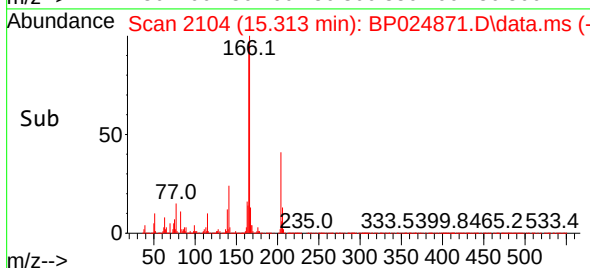
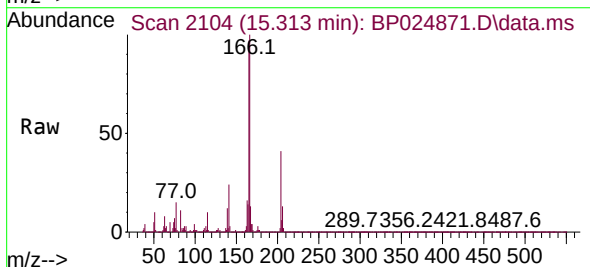
Manual Integrations
APPROVED

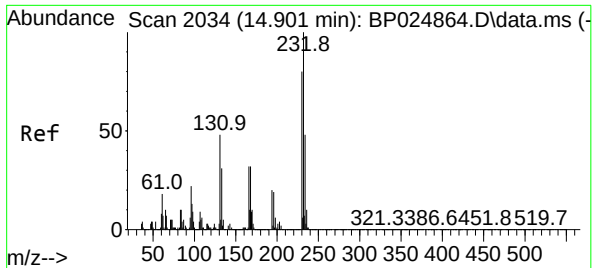
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#58
Fluorene
Concen: 38.310 ng
RT: 15.313 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

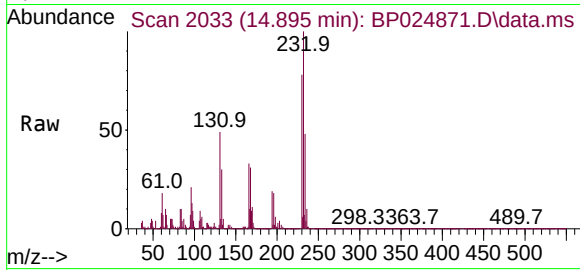
Tgt Ion:166 Resp: 1914326
Ion Ratio Lower Upper
166 100
165 97.5 77.7 116.5
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.904 ng
RT: 14.895 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

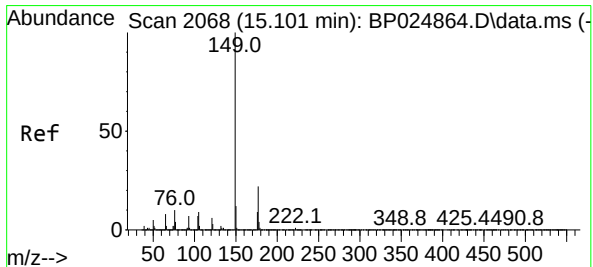
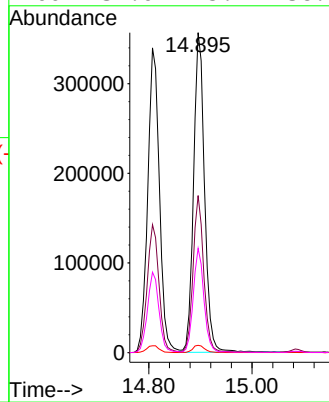
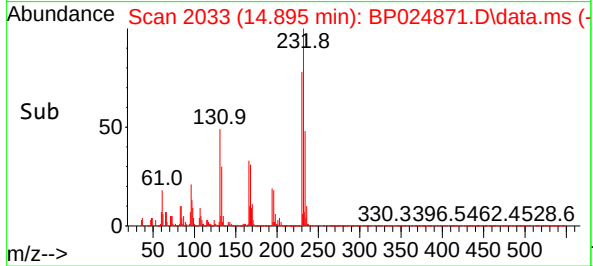
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 525400
Ion Ratio Lower Upper
232 100
131 47.4 38.2 57.2
130 2.5 2.1 3.1
166 31.6 25.7 38.5

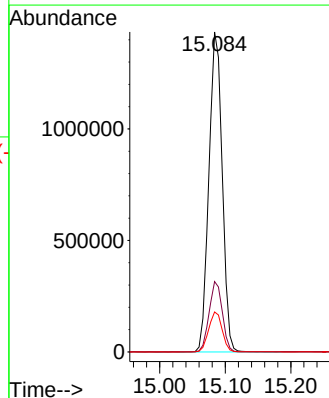
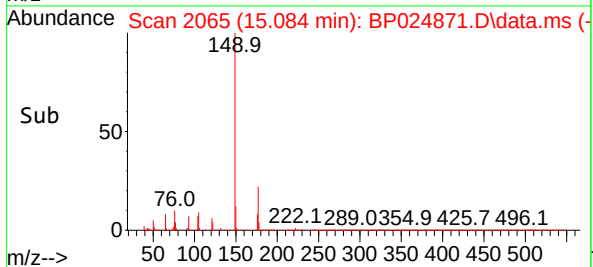
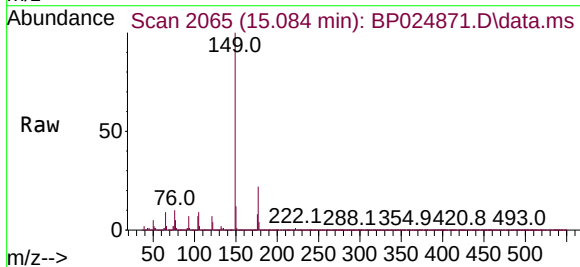
Manual Integrations
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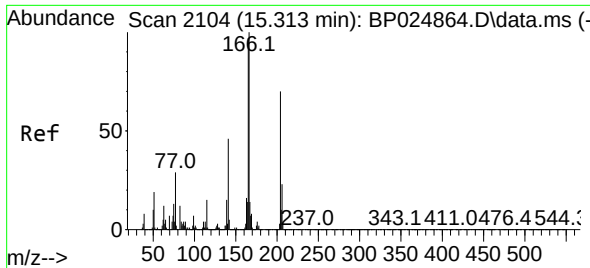
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#60
Diethylphthalate
Concen: 37.963 ng
RT: 15.084 min Scan# 2065
Delta R.T. -0.018 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Tgt Ion:149 Resp: 2015313
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.5 9.8 14.6





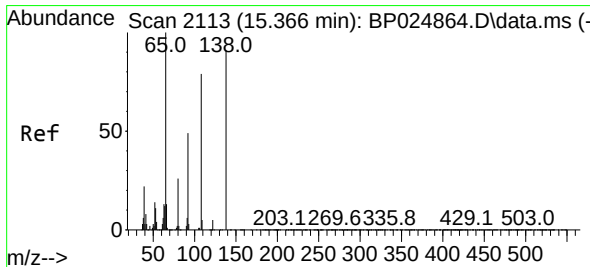
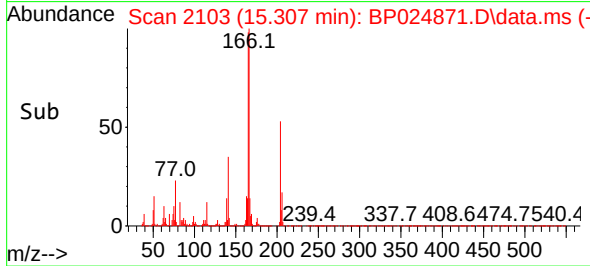
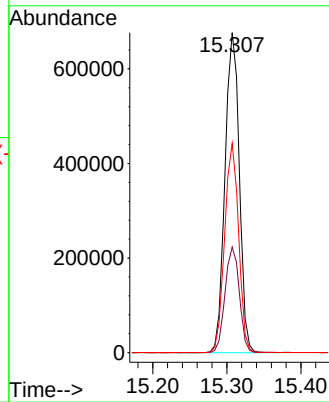
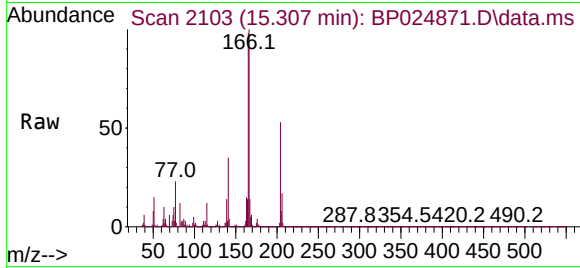
#61
4-Chlorophenyl-phenylether
Concen: 37.065 ng
RT: 15.307 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 905582
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 65.4 52.4 78.6

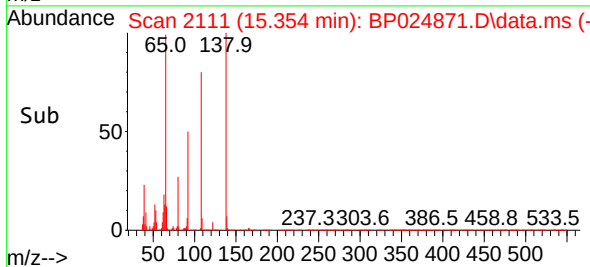
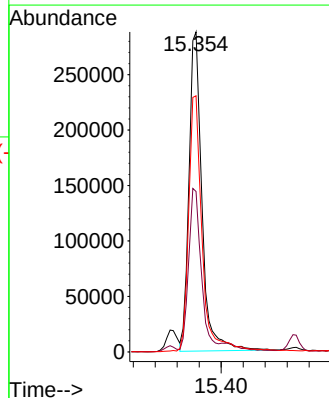
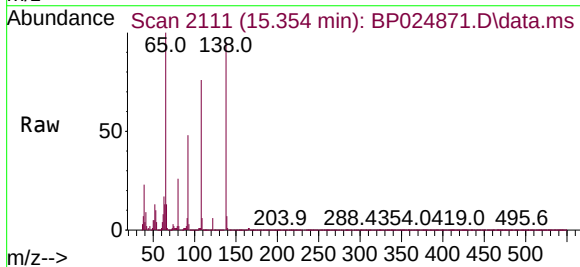
Manual Integrations
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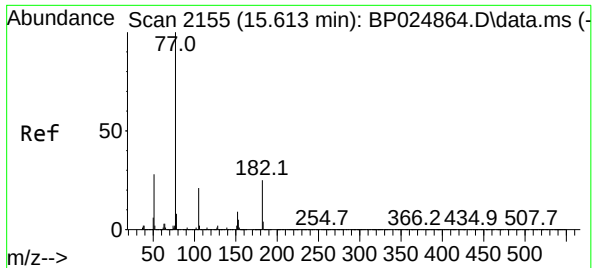
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#62
4-Nitroaniline
Concen: 43.719 ng
RT: 15.354 min Scan# 2111
Delta R.T. -0.012 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

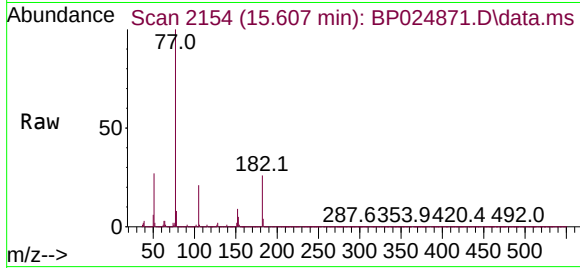
Tgt Ion:138 Resp: 472390
Ion Ratio Lower Upper
138 100
92 50.1 33.5 73.5
108 80.0 65.1 105.1





#63
Azobenzene
Concen: 38.692 ng
RT: 15.607 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

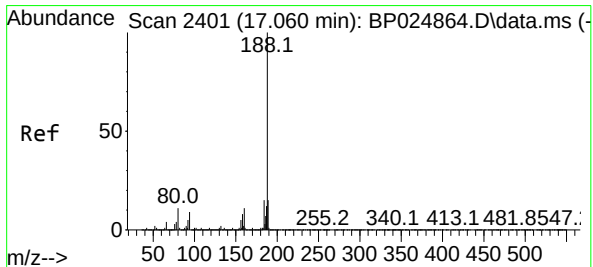
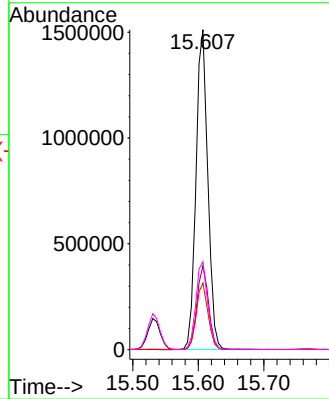
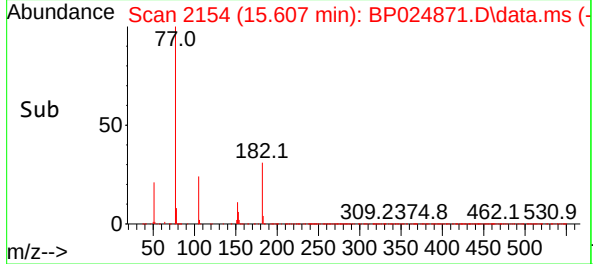
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



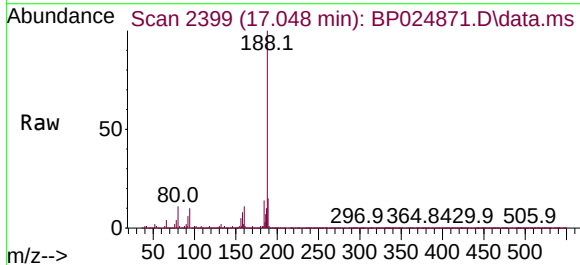
Tgt Ion: 77 Resp: 1883823
Ion Ratio Lower Upper
77 100
182 26.1 5.4 45.4
105 20.8 0.8 40.8
51 27.5 8.1 48.1

Manual Integrations
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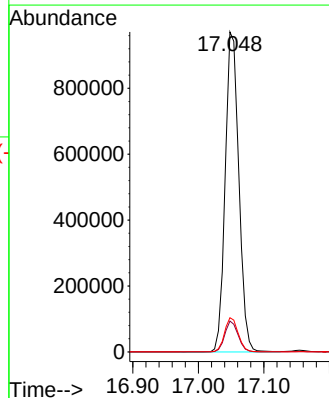
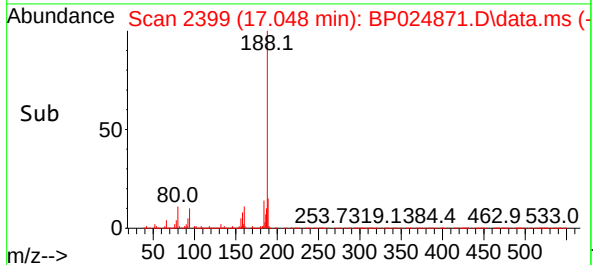
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

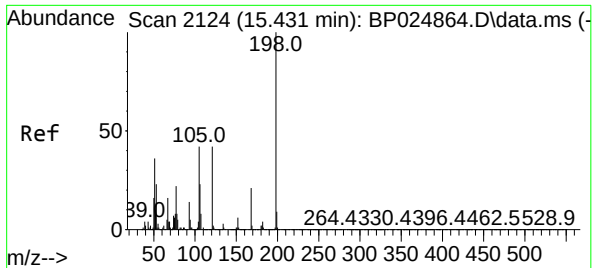


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.048 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44



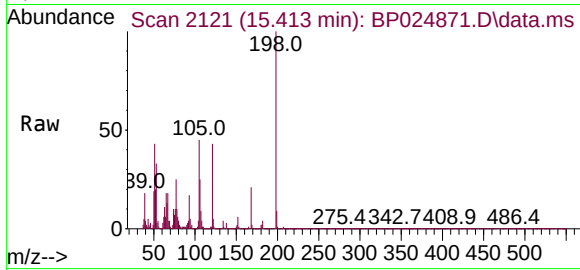
Tgt Ion:188 Resp: 1406327
Ion Ratio Lower Upper
188 100
94 9.6 7.3 10.9
80 10.7 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 39.815 ng
RT: 15.413 min Scan# 2121
Delta R.T. -0.018 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

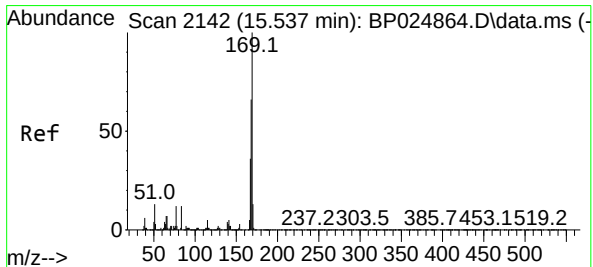
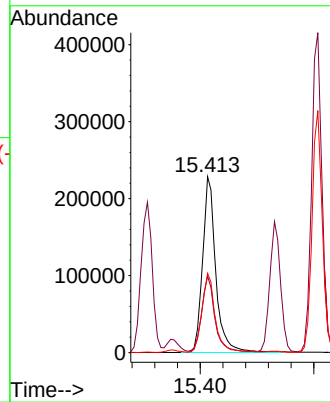
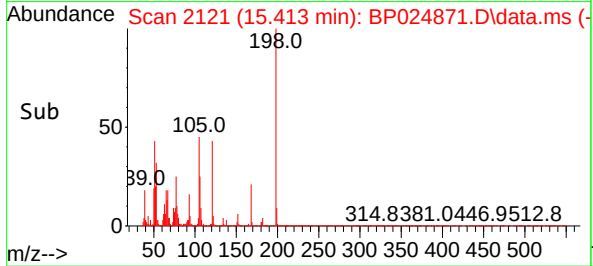
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:198 Resp: 367928
Ion Ratio Lower Upper
198 100
51 43.4 19.2 59.2
105 45.1 22.6 62.6

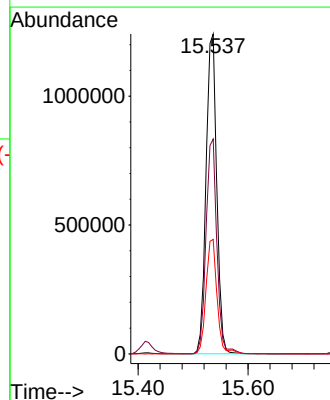
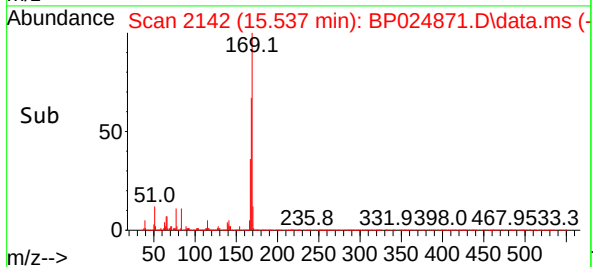
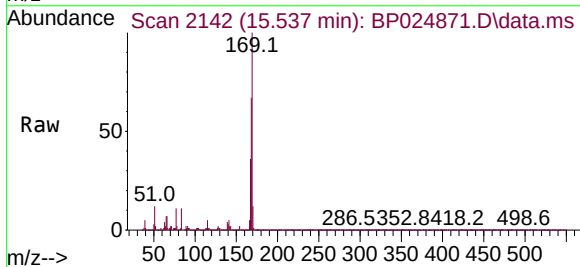
Manual Integrations
APPROVED

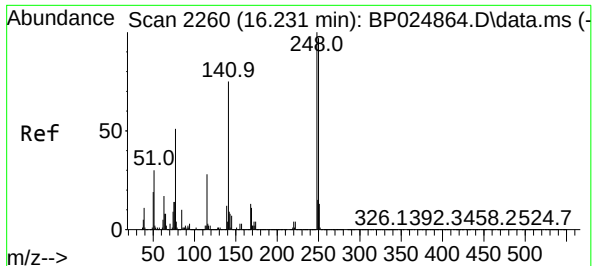
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#66
n-Nitrosodiphenylamine
Concen: 38.436 ng
RT: 15.537 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

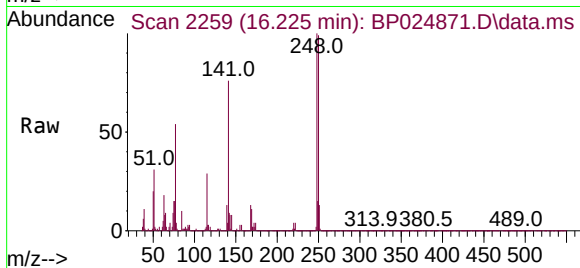
Tgt Ion:169 Resp: 1675390
Ion Ratio Lower Upper
169 100
168 67.1 53.0 79.6
167 35.8 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 38.242 ng
RT: 16.225 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

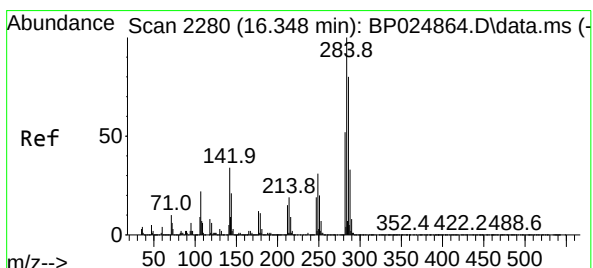
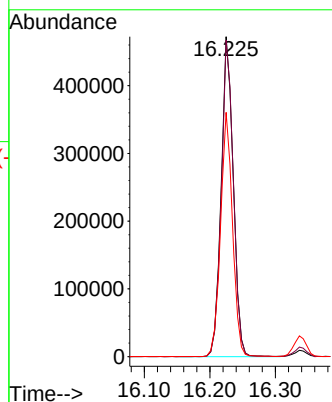
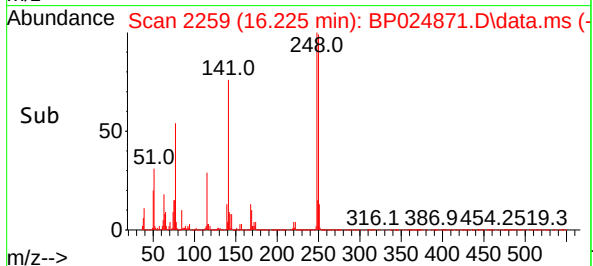
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 606816
Ion Ratio Lower Upper
248 100
250 98.9 77.4 116.2
141 76.3 59.9 89.9

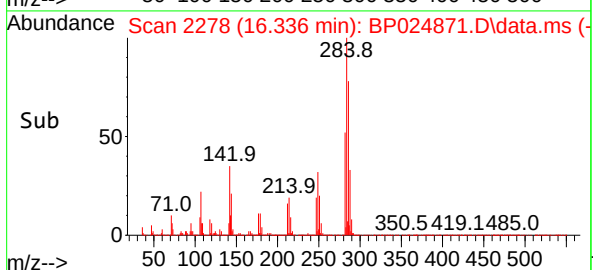
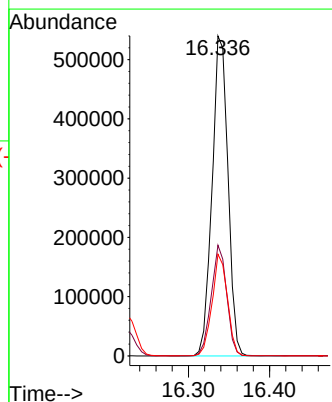
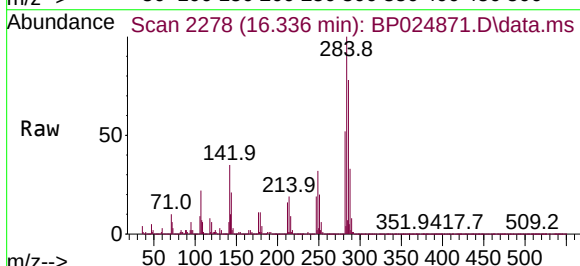
Manual Integrations
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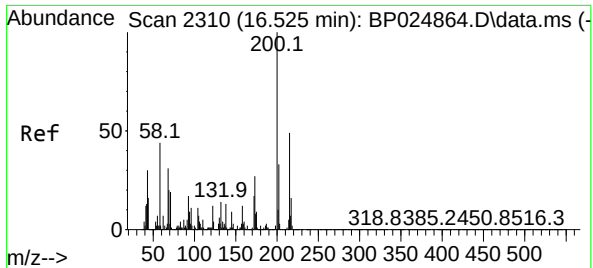
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#68
Hexachlorobenzene
Concen: 38.199 ng
RT: 16.336 min Scan# 2278
Delta R.T. -0.012 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Tgt Ion:284 Resp: 734824
Ion Ratio Lower Upper
284 100
142 34.6 27.0 40.6
249 31.8 25.0 37.6





#69

Atrazine

Concen: 38.113 ng

RT: 16.519 min Scan# 2310

Delta R.T. -0.006 min

Lab File: BP024871.D

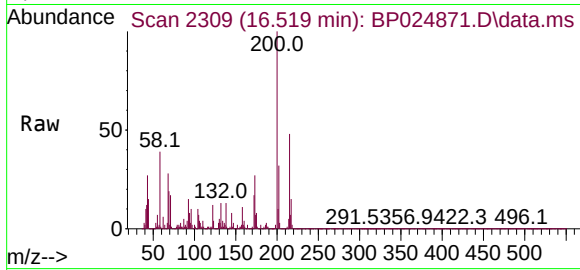
Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion:200 Resp: 60225

Ion Ratio Lower Upper

200 100

173 26.6 6.9 46.9

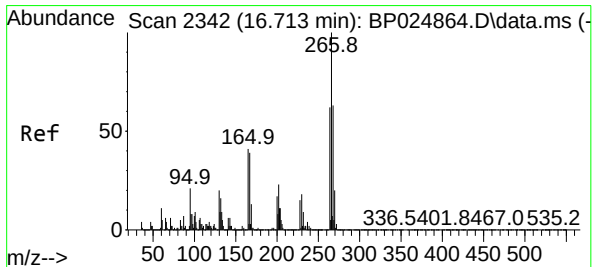
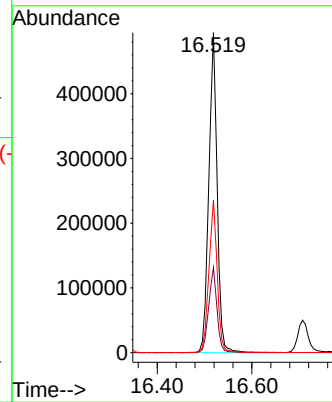
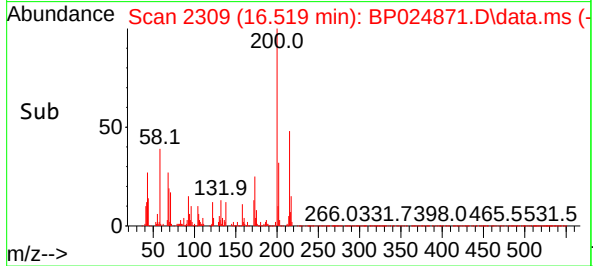
215 47.7 28.7 68.7

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#70

Pentachlorophenol

Concen: 42.241 ng

RT: 16.707 min Scan# 2341

Delta R.T. -0.006 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

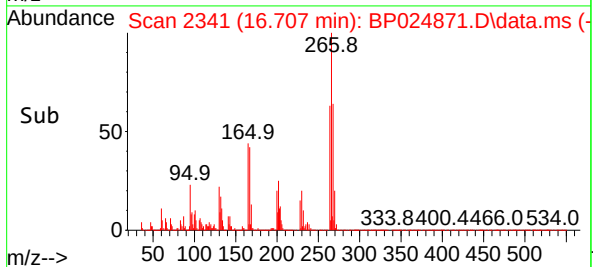
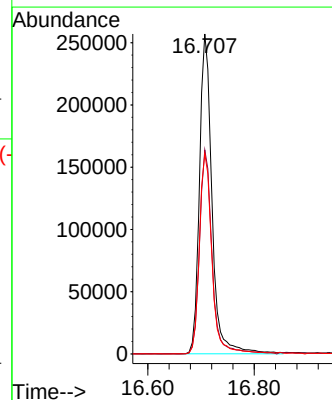
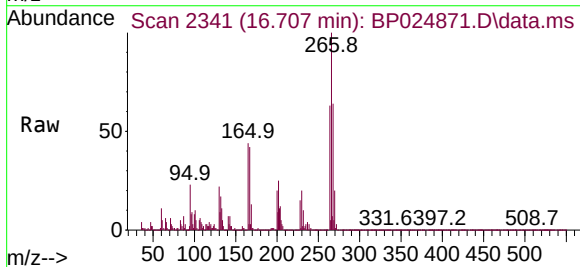
Tgt Ion:266 Resp: 420547

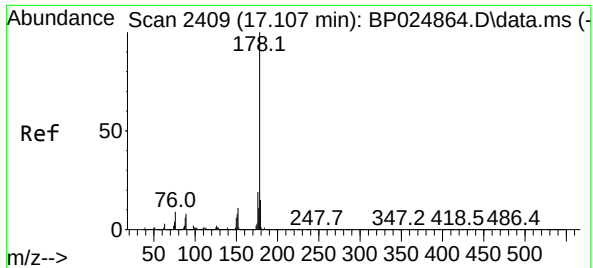
Ion Ratio Lower Upper

266 100

268 63.7 50.6 76.0

264 62.6 49.7 74.5





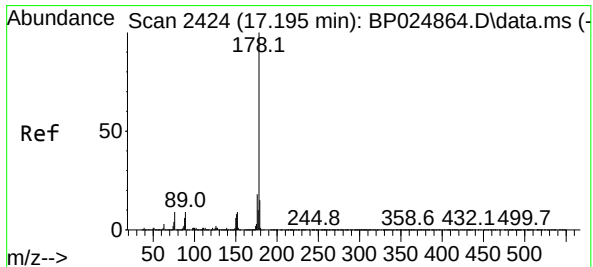
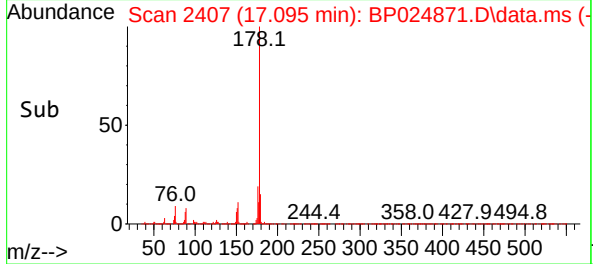
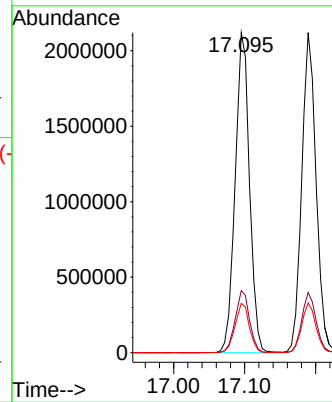
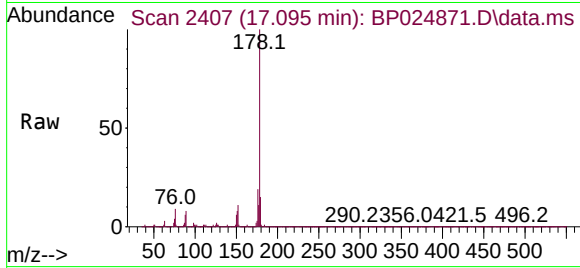
#71
Phenanthrene
Concen: 38.207 ng
RT: 17.095 min Scan# 2409
Delta R.T. -0.012 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 2969260
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.4 12.1 18.1

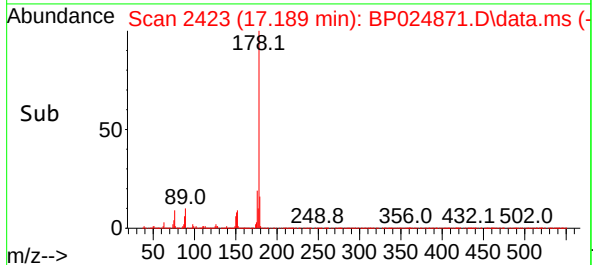
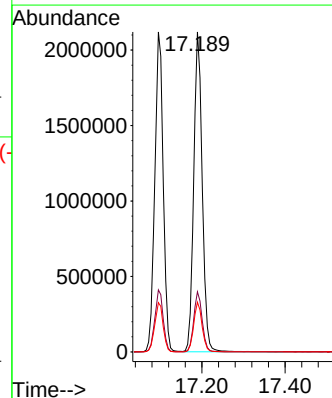
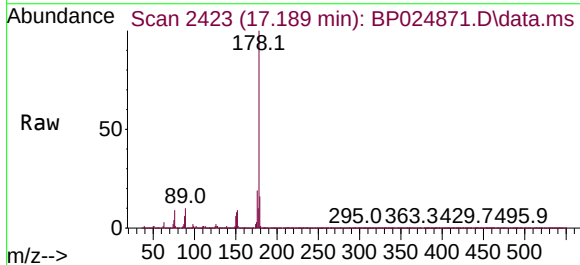
Manual Integrations
APPROVED

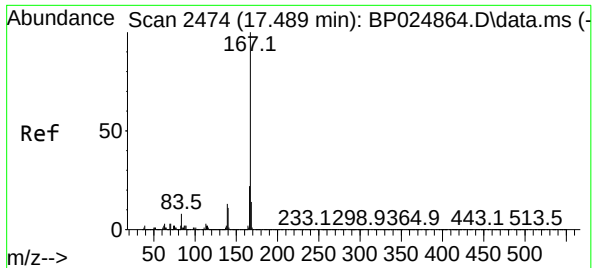
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#72
Anthracene
Concen: 38.143 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

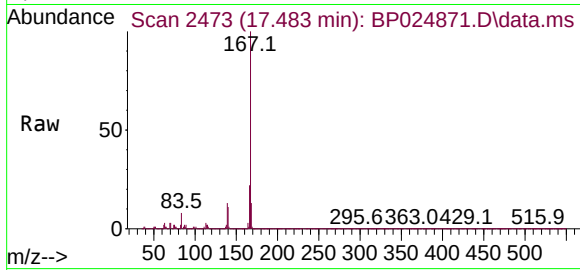
Tgt Ion:178 Resp: 3002181
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.5 12.3 18.5





#73
 Carbazole
 Concen: 38.742 ng
 RT: 17.483 min Scan# 2473
 Delta R.T. -0.006 min
 Lab File: BP024871.D
 Acq: 09 Jun 2025 10:44

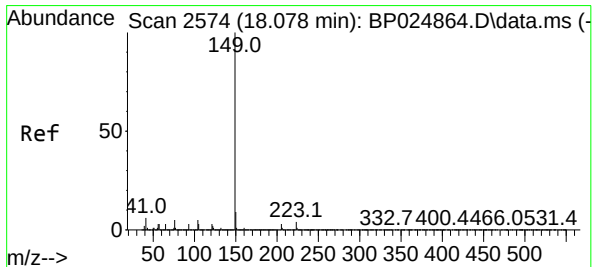
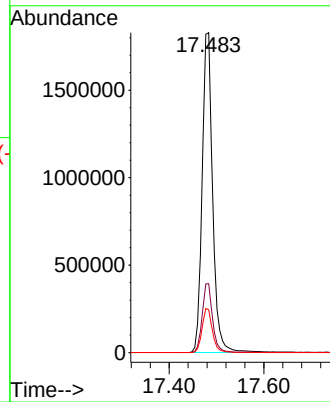
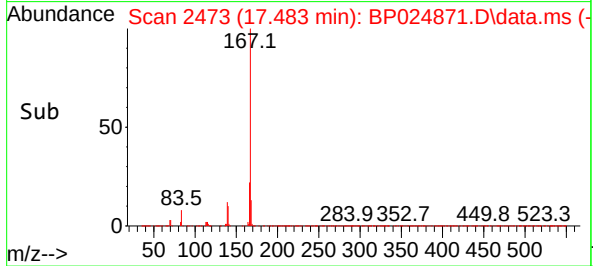
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



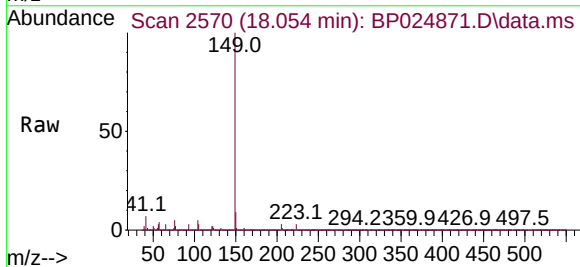
Tgt Ion:167 Resp: 2826406
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 13.4 10.8 16.2

Manual Integrations
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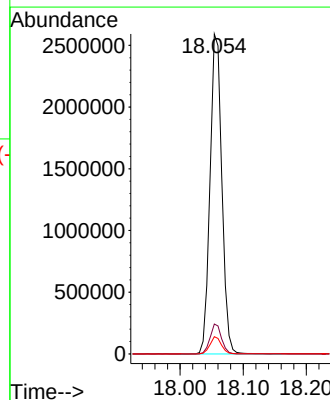
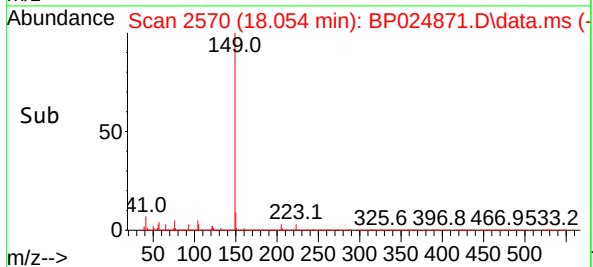
Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025

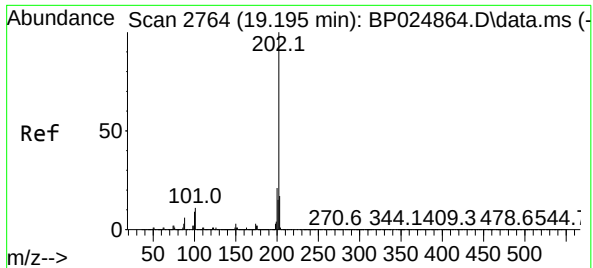


#74
 Di-n-butylphthalate
 Concen: 37.195 ng
 RT: 18.054 min Scan# 2570
 Delta R.T. -0.024 min
 Lab File: BP024871.D
 Acq: 09 Jun 2025 10:44



Tgt Ion:149 Resp: 3362066
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.4 4.2 6.2





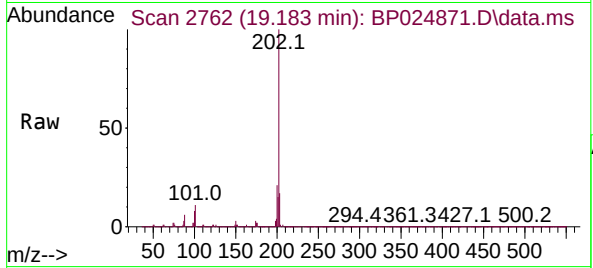
#75
Fluoranthene
Concen: 37.471 ng
RT: 19.183 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



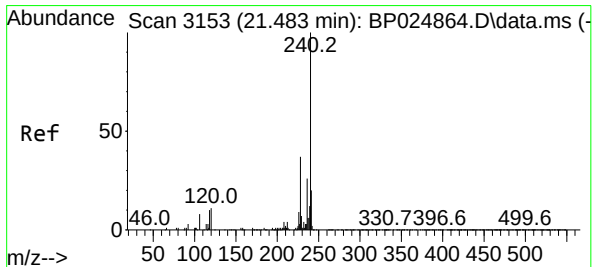
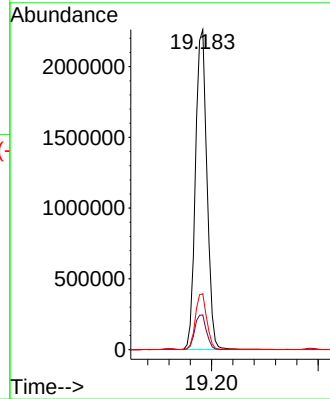
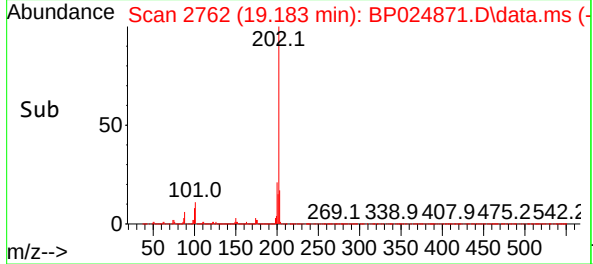
Tgt Ion:202 Resp: 3375260
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.4
203 17.4 0.0 37.5

Manual Integrations

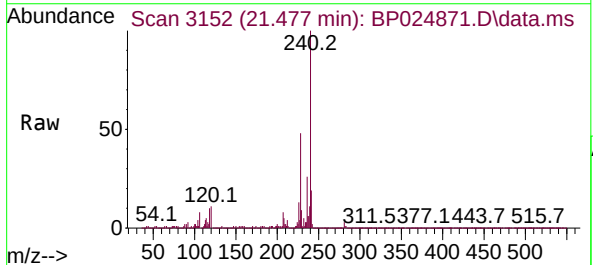
APPROVED

Reviewed By :Rahul Chavli 06/10/2025

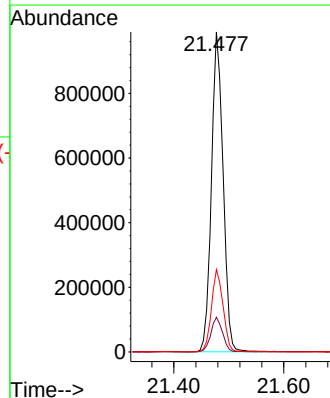
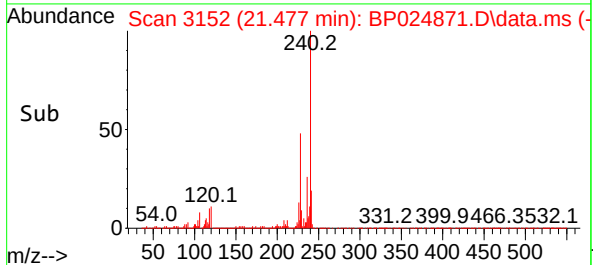
Supervised By :Jagrut Upadhyay 06/10/2025

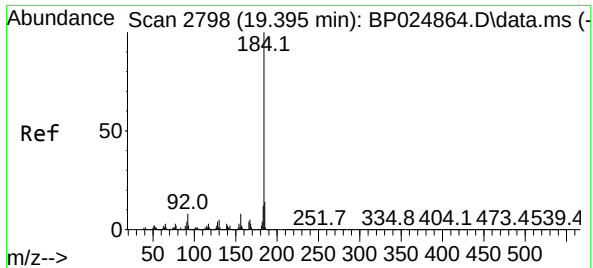


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.477 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44



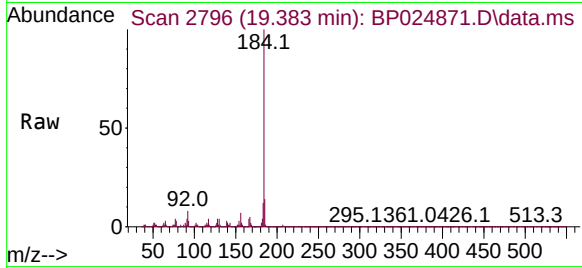
Tgt Ion:240 Resp: 1456984
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 25.7 20.9 31.3





#77
Benzidine
Concen: 42.452 ng
RT: 19.383 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

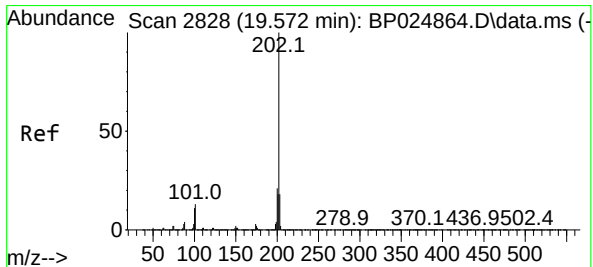
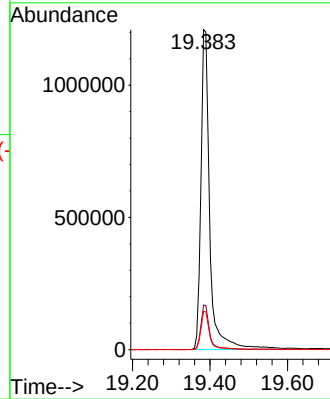
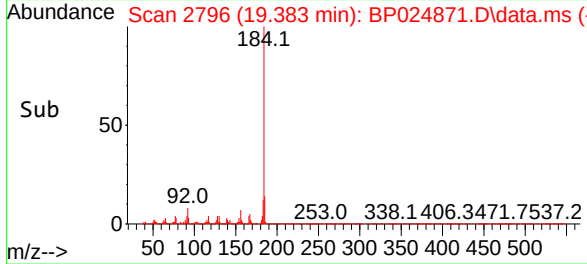
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 1915629
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.0
183 11.9 9.5 14.3

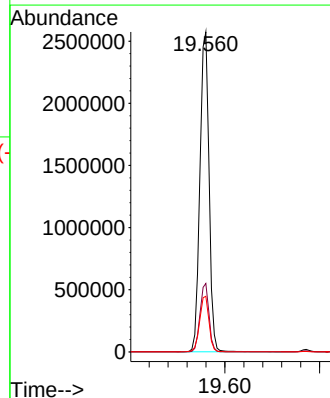
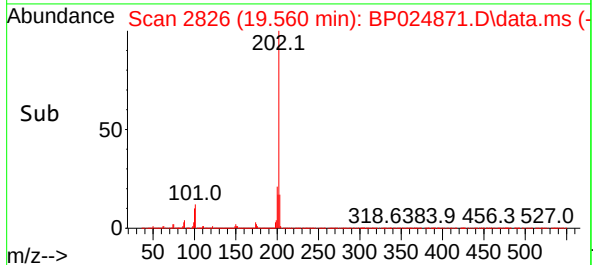
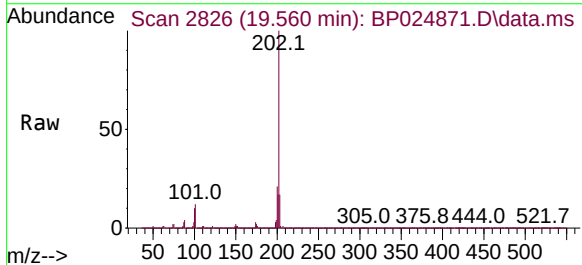
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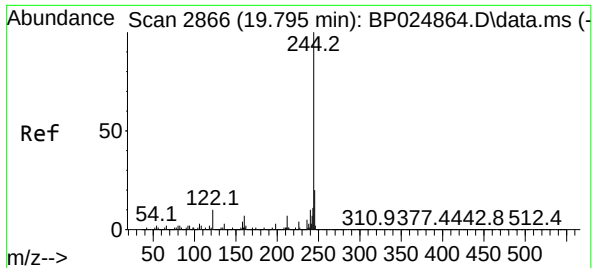
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#78
Pyrene
Concen: 37.827 ng
RT: 19.560 min Scan# 2826
Delta R.T. -0.012 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Tgt Ion:202 Resp: 3443152
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.4 14.0 21.0





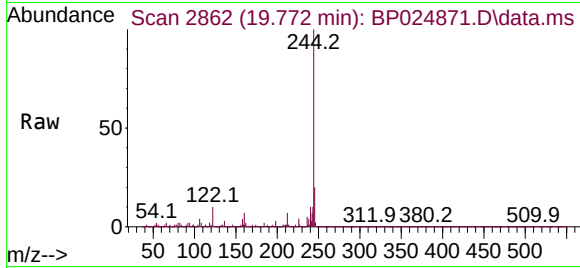
#79
 Terphenyl-d14
 Concen: 74.981 ng
 RT: 19.772 min Scan# 2862
 Delta R.T. -0.024 min
 Lab File: BP024871.D
 Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



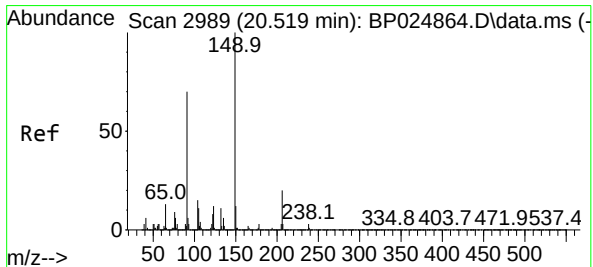
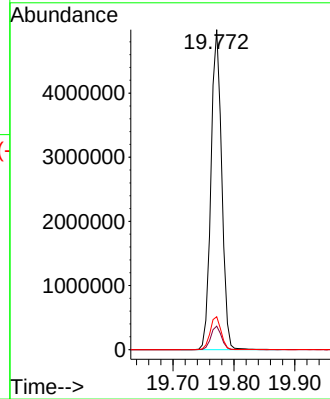
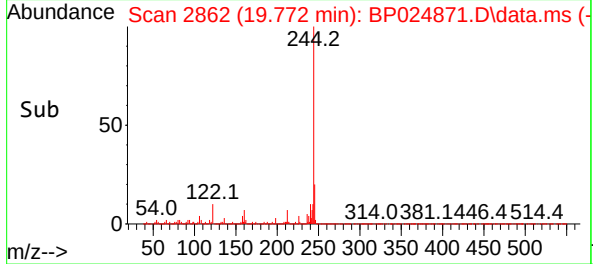
Tgt Ion:244 Resp: 6095445
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 10.3 7.7 11.5

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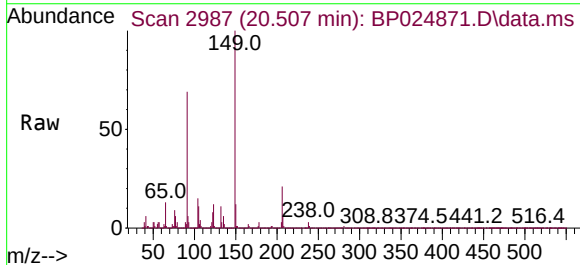
APPROVED

Reviewed By :Rahul Chavli 06/10/2025

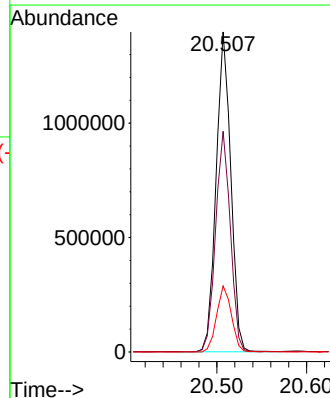
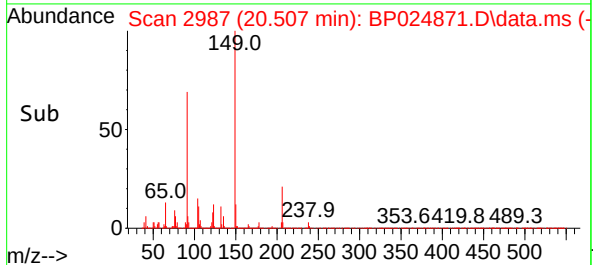
Supervised By :Jagrut Upadhyay 06/10/2025

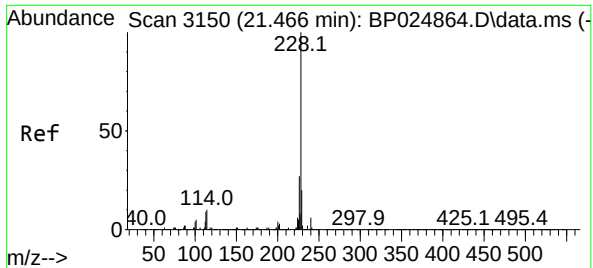


#80
 Butylbenzylphthalate
 Concen: 38.030 ng
 RT: 20.507 min Scan# 2987
 Delta R.T. -0.012 min
 Lab File: BP024871.D
 Acq: 09 Jun 2025 10:44



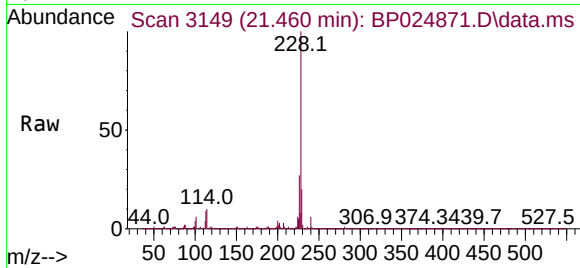
Tgt Ion:149 Resp: 1585622
 Ion Ratio Lower Upper
 149 100
 91 68.9 55.8 83.8
 206 20.6 16.2 24.2





#81
Benzo(a)anthracene
Concen: 38.417 ng
RT: 21.460 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

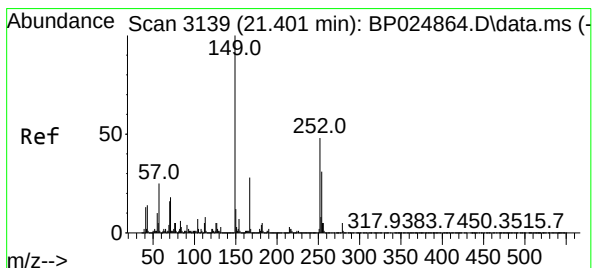
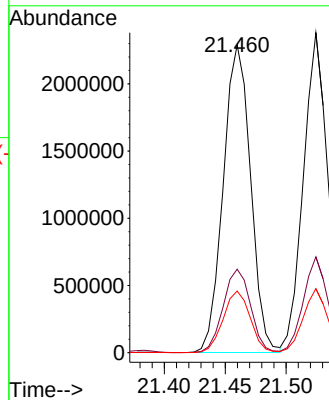
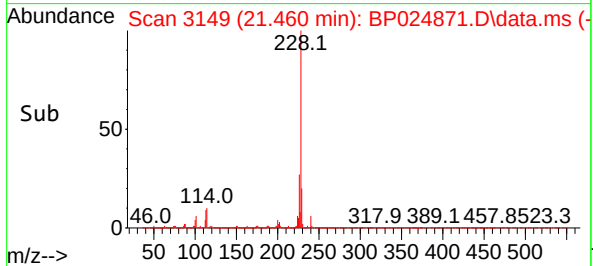
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 3579939
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 20.0 15.9 23.9

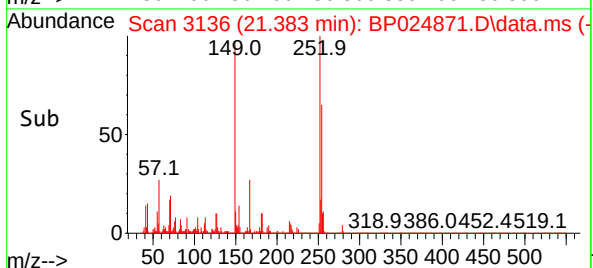
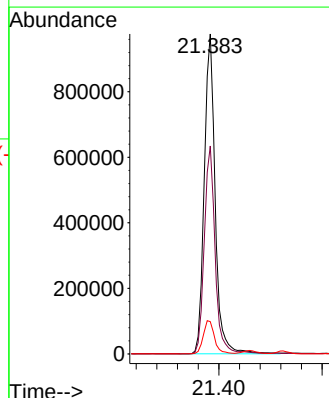
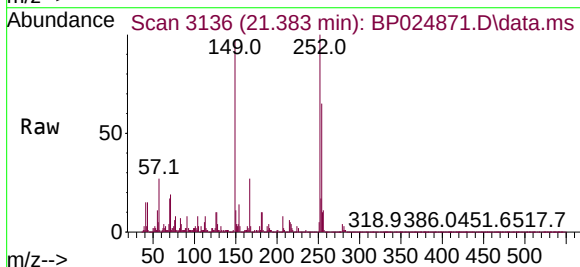
Manual Integrations
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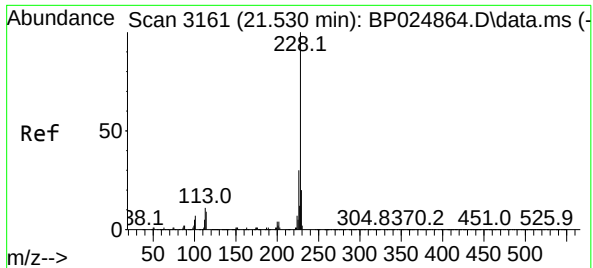
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#82
3,3'-Dichlorobenzidine
Concen: 38.683 ng
RT: 21.383 min Scan# 3136
Delta R.T. -0.018 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

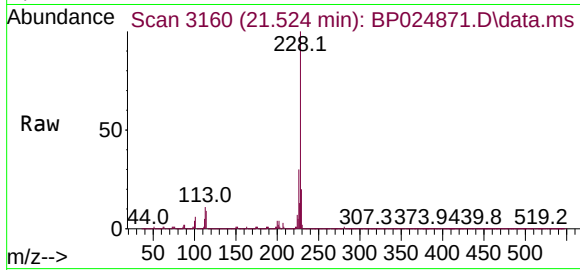
Tgt Ion:252 Resp: 1431070
Ion Ratio Lower Upper
252 100
254 65.0 51.2 76.8
126 10.1 8.6 12.8





#83
Chrysene
Concen: 38.101 ng
RT: 21.524 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

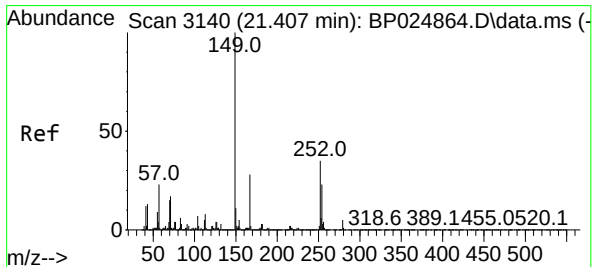
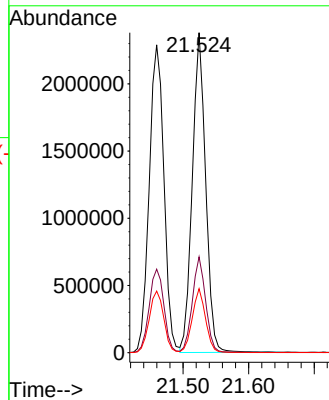
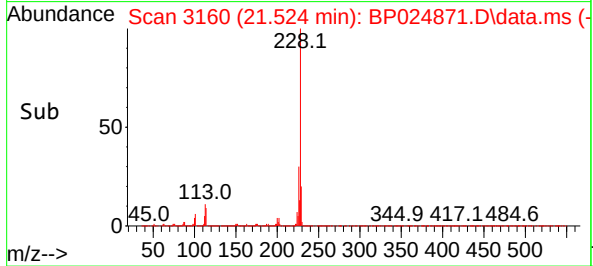
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 3364139
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.6
229 20.0 15.6 23.4

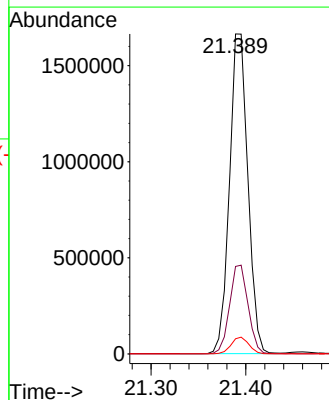
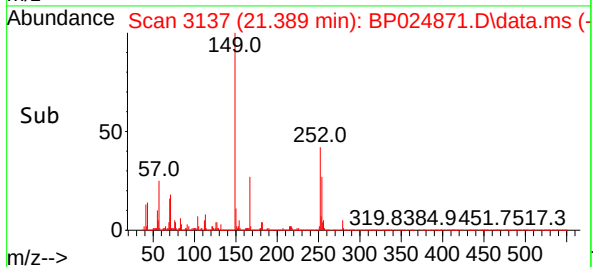
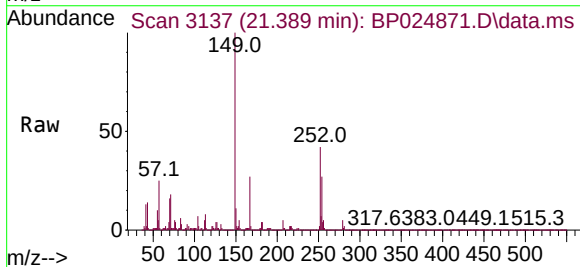
Manual Integrations
APPROVED

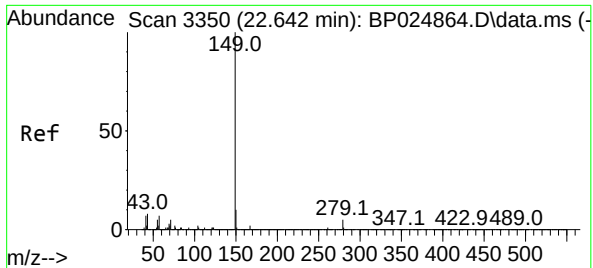
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.636 ng
RT: 21.389 min Scan# 3137
Delta R.T. -0.018 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

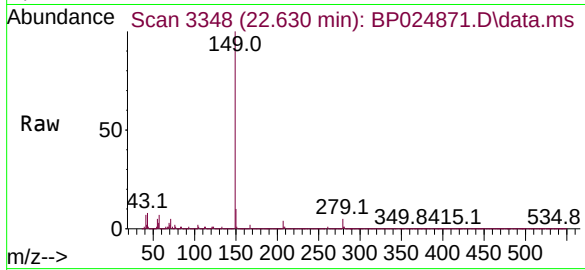
Tgt Ion:149 Resp: 2248290
Ion Ratio Lower Upper
149 100
167 27.3 22.2 33.4
279 4.7 4.0 6.0





#85
Di-n-octyl phthalate
Concen: 37.383 ng
RT: 22.630 min Scan# 3350
Delta R.T. -0.012 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

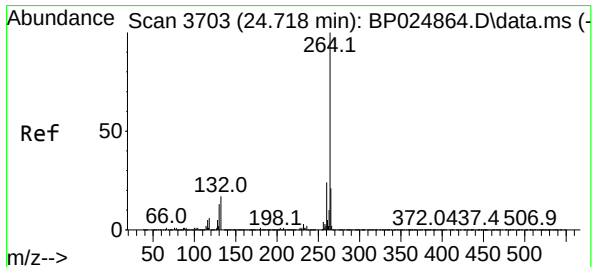
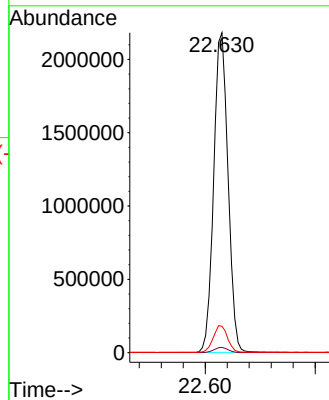
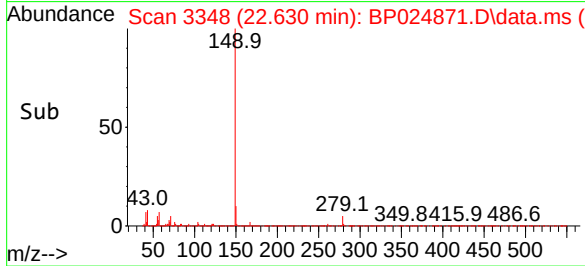
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 393616
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.4 6.6 10.0

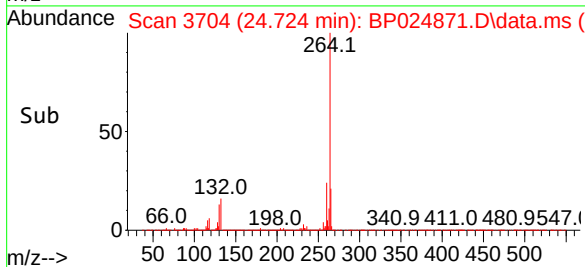
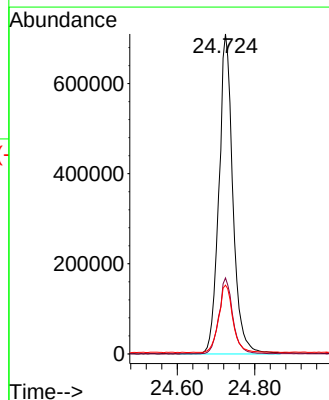
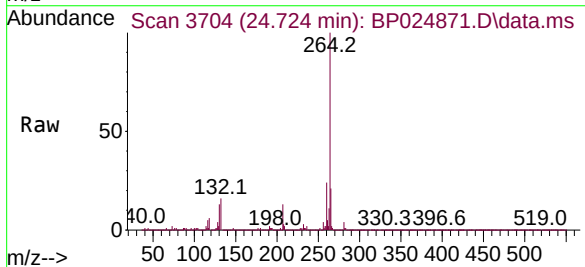
Manual Integrations
APPROVED

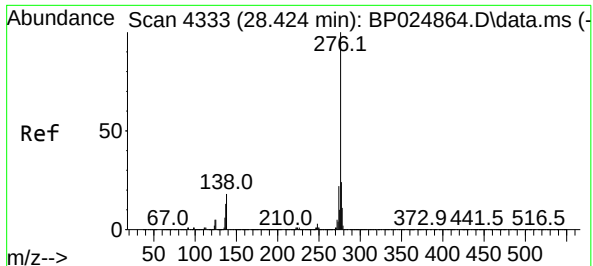
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.724 min Scan# 3704
Delta R.T. 0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

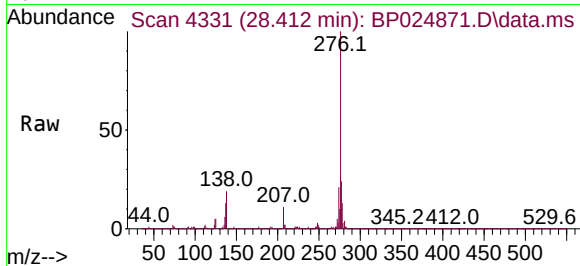
Tgt Ion:264 Resp: 1778909
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 21.5 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.367 ng
RT: 28.412 min Scan# 4333
Delta R.T. -0.012 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

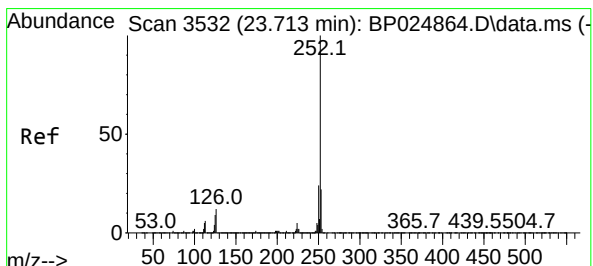
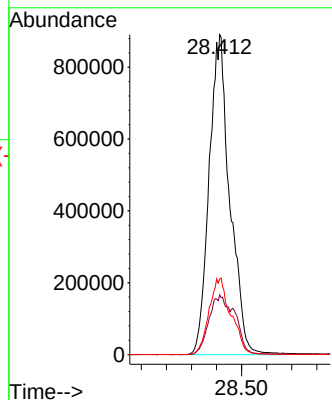
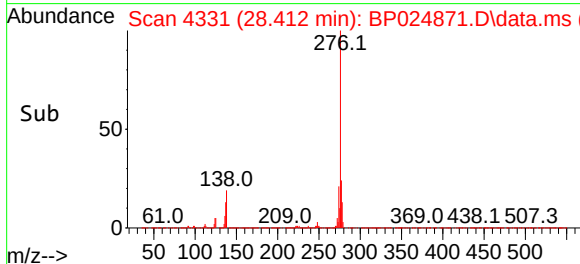
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:276 Resp: 5109505
Ion Ratio Lower Upper
276 100
138 16.8 18.6 27.8
277 25.3 20.2 30.4

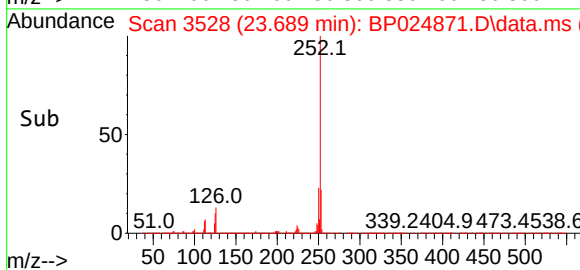
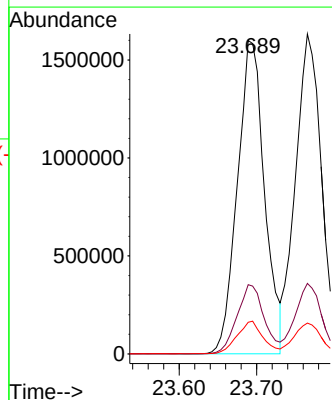
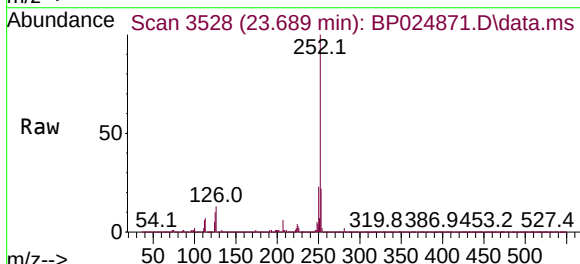
Manual Integrations
APPROVED

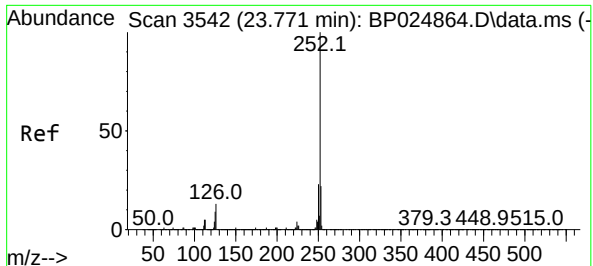
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#88
Benzo(b)fluoranthene
Concen: 38.301 ng
RT: 23.689 min Scan# 3528
Delta R.T. -0.024 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Tgt Ion:252 Resp: 3899336
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.1 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 37.286 ng

RT: 23.765 min Scan# 3542

Delta R.T. -0.006 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 3863940

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

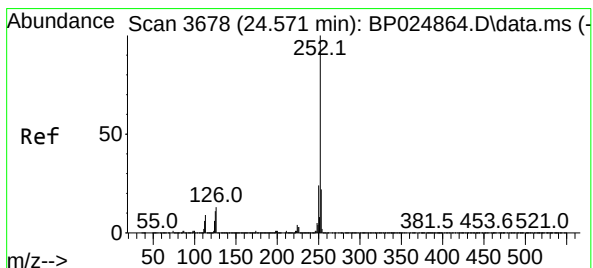
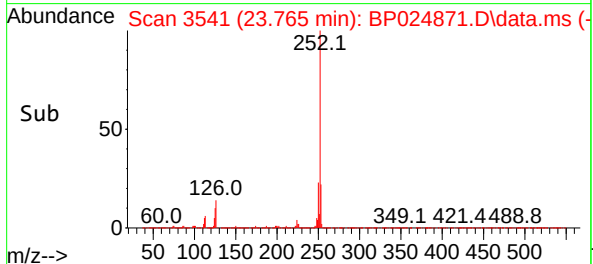
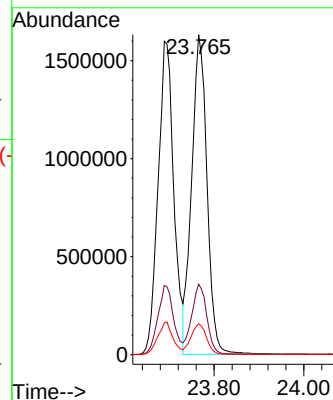
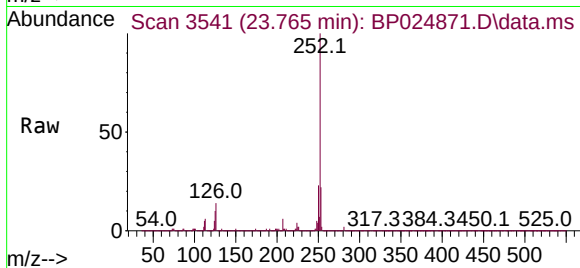
125 9.6 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#90

Benzo(a)pyrene

Concen: 37.841 ng

RT: 24.571 min Scan# 3678

Delta R.T. -0.000 min

Lab File: BP024871.D

Acq: 09 Jun 2025 10:44

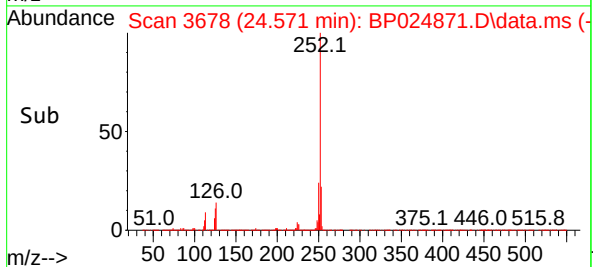
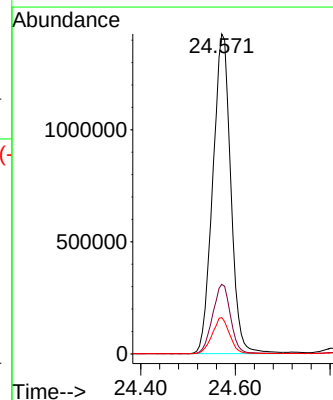
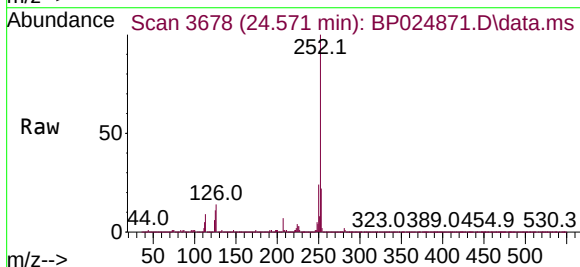
Tgt Ion:252 Resp: 3762288

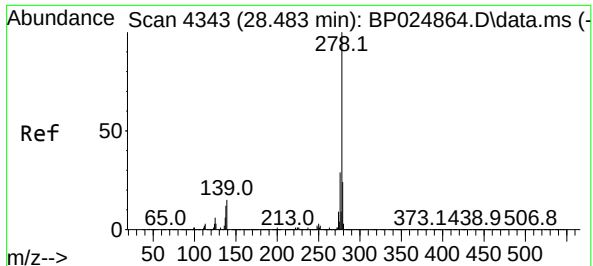
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

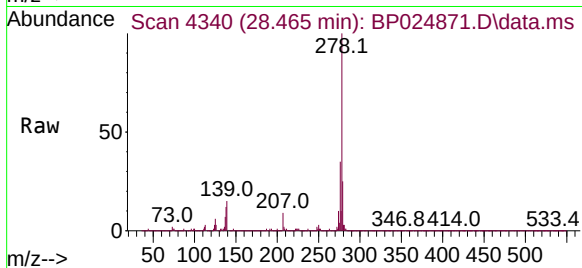
125 11.3 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 39.385 ng
RT: 28.465 min Scan# 4343
Delta R.T. -0.018 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

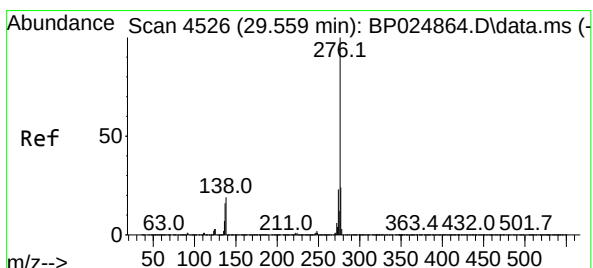
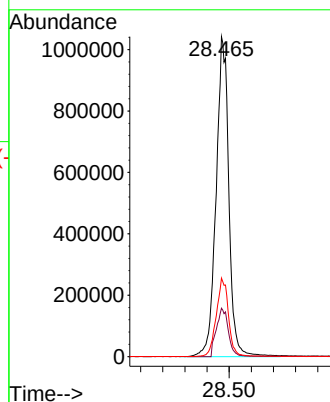
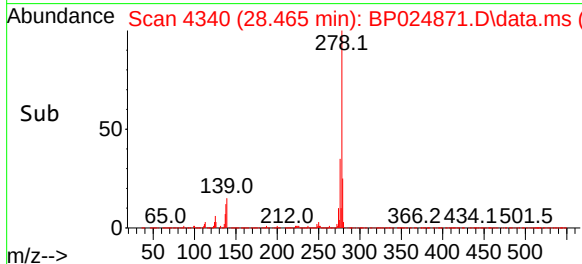
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:278 Resp: 4160909
Ion Ratio Lower Upper
278 100
139 15.1 12.0 18.0
279 24.5 19.1 28.7

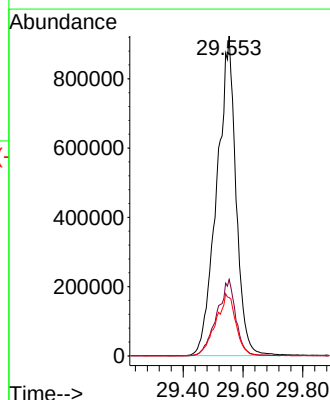
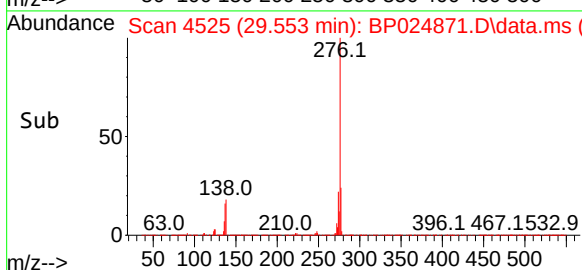
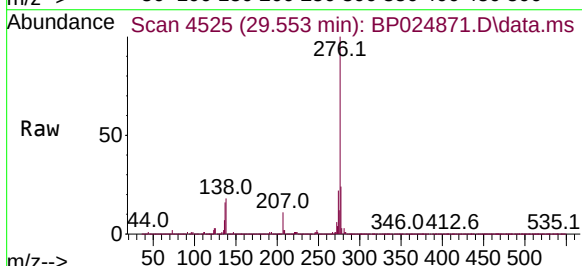
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#92
Benzo(g,h,i)perylene
Concen: 39.310 ng
RT: 29.553 min Scan# 4525
Delta R.T. -0.006 min
Lab File: BP024871.D
Acq: 09 Jun 2025 10:44

Tgt Ion:276 Resp: 4120588
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 18.2 15.4 23.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024871.D
 Acq On : 09 Jun 2025 10:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 09 11:14:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 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	102	0.00
2	1,4-Dioxane	0.527	0.520	1.3	107	0.00
3	Pyridine	1.268	1.350	-6.5	112	0.00
4	n-Nitrosodimethylamine	0.518	0.523	-1.0	106	0.00
5 S	2-Fluorophenol	1.198	1.175	1.9	103	0.00
6	Aniline	2.023	2.057	-1.7	106	0.00
7 S	Phenol-d6	1.585	1.601	-1.0	105	0.00
8	2-Chlorophenol	1.358	1.342	1.2	104	0.00
9	Benzaldehyde	0.914	0.893	2.3	104	0.00
10 C	Phenol	1.634	1.666	-2.0	107	0.00
11	bis(2-Chloroethyl)ether	1.285	1.280	0.4	105	0.00
12	1,3-Dichlorobenzene	1.515	1.435	5.3	102	0.00
13 C	1,4-Dichlorobenzene	1.529	1.461	4.4	103	0.00
14	1,2-Dichlorobenzene	1.501	1.406	6.3	102	0.00
15	Benzyl Alcohol	1.217	1.234	-1.4	107	0.00
16	2,2'-oxybis(1-Chloropropane	1.682	1.631	3.0	105	0.00
17	2-Methylphenol	1.141	1.152	-1.0	106	0.00
18	Hexachloroethane	0.576	0.542	5.9	101	0.00
19 P	n-Nitroso-di-n-propylamine	1.078	1.088	-0.9	106	0.00
20	3+4-Methylphenols	1.557	1.575	-1.2	107	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	106	0.00
22	Acetophenone	0.505	0.492	2.6	107	0.00
23 S	Nitrobenzene-d5	0.412	0.405	1.7	107	0.00
24	Nitrobenzene	0.366	0.359	1.9	106	0.00
25	Isophorone	0.713	0.693	2.8	106	0.00
26 C	2-Nitrophenol	0.180	0.181	-0.6	107	0.00
27	2,4-Dimethylphenol	0.309	0.303	1.9	106	0.00
28	bis(2-Chloroethoxy)methane	0.426	0.409	4.0	105	0.00
29 C	2,4-Dichlorophenol	0.296	0.296	0.0	108	0.00
30	1,2,4-Trichlorobenzene	0.334	0.312	6.6	105	0.00
31	Naphthalene	1.025	0.984	4.0	106	0.00
32	Benzoic acid	0.209	0.212	-1.4	110	0.00
33	4-Chloroaniline	0.429	0.434	-1.2	108	0.00
34 C	Hexachlorobutadiene	0.201	0.187	7.0	103	0.00
35	Caprolactam	0.109	0.112	-2.8	108	0.00
36 C	4-Chloro-3-methylphenol	0.342	0.347	-1.5	108	0.00
37	2-Methylnaphthalene	0.650	0.642	1.2	108	0.00
38	1-Methylnaphthalene	0.695	0.675	2.9	107	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	106	0.00
40	1,2,4,5-Tetrachlorobenzene	0.568	0.541	4.8	107	0.00
41 P	Hexachlorocyclopentadiene	0.346	0.332	4.0	105	0.00
42 S	2,4,6-Tribromophenol	0.277	0.273	1.4	108	-0.01
43 C	2,4,6-Trichlorophenol	0.381	0.373	2.1	106	0.00
44	2,4,5-Trichlorophenol	0.408	0.416	-2.0	109	0.00
45 S	2-Fluorobiphenyl	1.485	1.394	6.1	107	0.00
46	1,1'-Biphenyl	1.453	1.381	5.0	106	0.00
47	2-Chloronaphthalene	1.117	1.069	4.3	106	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024871.D
 Acq On : 09 Jun 2025 10:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 09 11:14:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 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	0.343	0.351	-2.3	108	0.00
49	Acenaphthylene	1.863	1.770	5.0	106	0.00
50	Dimethylphthalate	1.475	1.400	5.1	106	0.00
51	2,6-Dinitrotoluene	0.318	0.308	3.1	105	0.00
52 C	Acenaphthene	1.067	1.029	3.6	107	0.00
53	3-Nitroaniline	0.330	0.343	-3.9	108	0.00
54 P	2,4-Dinitrophenol	0.178	0.182	-2.2	108	-0.01
55	Dibenzofuran	1.713	1.630	4.8	107	0.00
56 P	4-Nitrophenol	0.239	0.252	-5.4	108	0.00
57	2,4-Dinitrotoluene	0.445	0.443	0.4	108	0.00
58	Fluorene	1.384	1.326	4.2	108	0.00
59	2,3,4,6-Tetrachlorophenol	0.365	0.364	0.3	109	0.00
60	Diethylphthalate	1.470	1.395	5.1	107	-0.02
61	4-Chlorophenyl-phenylether	0.677	0.627	7.4	105	0.00
62	4-Nitroaniline	0.299	0.327	-9.4	112	-0.01
63	Azobenzene	1.349	1.304	3.3	107	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	108	-0.01
65	4,6-Dinitro-2-methylphenol	0.131	0.131	0.0	108	-0.02
66 c	n-Nitrosodiphenylamine	0.620	0.596	3.9	107	0.00
67	4-Bromophenyl-phenylether	0.226	0.216	4.4	109	0.00
68	Hexachlorobenzene	0.274	0.261	4.7	108	-0.01
69	Atrazine	0.225	0.214	4.9	106	0.00
70 C	Pentachlorophenol	0.142	0.150	-5.6	116	0.00
71	Phenanthrene	1.105	1.056	4.4	108	-0.01
72	Anthracene	1.119	1.067	4.6	107	0.00
73	Carbazole	1.038	1.005	3.2	108	0.00
74	Di-n-butylphthalate	1.285	1.195	7.0	101	-0.02
75 C	Fluoranthene	1.281	1.200	6.3	106	-0.01
76 I	Chrysene-d12	1.000	1.000	0.0	104	0.00
77	Benzydine	0.619	0.657	-6.1	105	-0.01
78	Pyrene	1.249	1.182	5.4	104	-0.01
79 S	Terphenyl-d14	1.116	1.046	6.3	100	-0.02
80	Butylbenzylphthalate	0.572	0.544	4.9	101	-0.01
81	Benzo(a)anthracene	1.279	1.229	3.9	105	0.00
82	3,3'-Dichlorobenzidine	0.508	0.491	3.3	104	-0.02
83	Chrysene	1.212	1.154	4.8	105	0.00
84	Bis(2-ethylhexyl)phthalate	0.820	0.772	5.9	101	-0.02
85 c	Di-n-octyl phthalate	1.445	1.351	6.5	102	-0.01
86 I	Perylene-d12	1.000	1.000	0.0	108	0.00
87	Indeno(1,2,3-cd)pyrene	1.459	1.436	1.6	110	-0.01
88	Benzo(b)fluoranthene	1.145	1.096	4.3	105	-0.02
89	Benzo(k)fluoranthene	1.165	1.086	6.8	106	0.00
90 C	Benzo(a)pyrene	1.118	1.057	5.5	107	0.00
91	Dibenzo(a,h)anthracene	1.188	1.170	1.5	111	-0.02
92	Benzo(g,h,i)perylene	1.179	1.158	1.8	110	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024871.D
Acq On : 09 Jun 2025 10:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jun 09 11:14:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 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\BP060925\
 Data File : BP024871.D
 Acq On : 09 Jun 2025 10:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 09 11:14:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 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	102	0.00
2	1,4-Dioxane	40.000	39.467	1.3	107	0.00
3	Pyridine	40.000	42.594	-6.5	112	0.00
4	n-Nitrosodimethylamine	40.000	40.365	-0.9	106	0.00
5 S	2-Fluorophenol	80.000	78.447	1.9	103	0.00
6	Aniline	40.000	40.669	-1.7	106	0.00
7 S	Phenol-d6	80.000	80.773	-1.0	105	0.00
8	2-Chlorophenol	40.000	39.534	1.2	104	0.00
9	Benzaldehyde	40.000	39.075	2.3	104	0.00
10 C	Phenol	40.000	40.776	-1.9	107	0.00
11	bis(2-Chloroethyl)ether	40.000	39.832	0.4	105	0.00
12	1,3-Dichlorobenzene	40.000	37.873	5.3	102	0.00
13 C	1,4-Dichlorobenzene	40.000	38.233	4.4	103	0.00
14	1,2-Dichlorobenzene	40.000	37.460	6.3	102	0.00
15	Benzyl Alcohol	40.000	40.579	-1.4	107	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	38.789	3.0	105	0.00
17	2-Methylphenol	40.000	40.381	-1.0	106	0.00
18	Hexachloroethane	40.000	37.656	5.9	101	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	40.367	-0.9	106	0.00
20	3+4-Methylphenols	40.000	40.467	-1.2	107	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	106	0.00
22	Acetophenone	40.000	38.956	2.6	107	0.00
23 S	Nitrobenzene-d5	80.000	78.737	1.6	107	0.00
24	Nitrobenzene	40.000	39.249	1.9	106	0.00
25	Isophorone	40.000	38.882	2.8	106	0.00
26 C	2-Nitrophenol	40.000	40.144	-0.4	107	0.00
27	2,4-Dimethylphenol	40.000	39.225	1.9	106	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.433	3.9	105	0.00
29 C	2,4-Dichlorophenol	40.000	39.988	0.0	108	0.00
30	1,2,4-Trichlorobenzene	40.000	37.323	6.7	105	0.00
31	Naphthalene	40.000	38.386	4.0	106	0.00
32	Benzoic acid	40.000	40.563	-1.4	110	0.00
33	4-Chloroaniline	40.000	40.422	-1.1	108	0.00
34 C	Hexachlorobutadiene	40.000	37.207	7.0	103	0.00
35	Caprolactam	40.000	41.048	-2.6	108	0.00
36 C	4-Chloro-3-methylphenol	40.000	40.629	-1.6	108	0.00
37	2-Methylnaphthalene	40.000	39.479	1.3	108	0.00
38	1-Methylnaphthalene	40.000	38.845	2.9	107	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	106	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.146	4.6	107	0.00
41 P	Hexachlorocyclopentadiene	40.000	38.332	4.2	105	0.00
42 S	2,4,6-Tribromophenol	80.000	78.869	1.4	108	-0.01
43 C	2,4,6-Trichlorophenol	40.000	39.103	2.2	106	0.00
44	2,4,5-Trichlorophenol	40.000	40.784	-2.0	109	0.00
45 S	2-Fluorobiphenyl	80.000	75.092	6.1	107	0.00
46	1,1'-Biphenyl	40.000	38.014	5.0	106	0.00
47	2-Chloronaphthalene	40.000	38.278	4.3	106	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024871.D
 Acq On : 09 Jun 2025 10:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 09 11:14:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	40.825	-2.1	108	0.00
49	Acenaphthylene	40.000	38.013	5.0	106	0.00
50	Dimethylphthalate	40.000	37.961	5.1	106	0.00
51	2,6-Dinitrotoluene	40.000	38.784	3.0	105	0.00
52 C	Acenaphthene	40.000	38.548	3.6	107	0.00
53	3-Nitroaniline	40.000	41.514	-3.8	108	0.00
54 P	2,4-Dinitrophenol	40.000	38.223	4.4	108	-0.01
55	Dibenzofuran	40.000	38.059	4.9	107	0.00
56 P	4-Nitrophenol	40.000	39.074	2.3	108	0.00
57	2,4-Dinitrotoluene	40.000	39.866	0.3	108	0.00
58	Fluorene	40.000	38.310	4.2	108	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.904	0.2	109	0.00
60	Diethylphthalate	40.000	37.963	5.1	107	-0.02
61	4-Chlorophenyl-phenylether	40.000	37.065	7.3	105	0.00
62	4-Nitroaniline	40.000	43.719	-9.3	112	-0.01
63	Azobenzene	40.000	38.692	3.3	107	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	108	-0.01
65	4,6-Dinitro-2-methylphenol	40.000	39.815	0.5	108	-0.02
66 c	n-Nitrosodiphenylamine	40.000	38.436	3.9	107	0.00
67	4-Bromophenyl-phenylether	40.000	38.242	4.4	109	0.00
68	Hexachlorobenzene	40.000	38.199	4.5	108	-0.01
69	Atrazine	40.000	38.113	4.7	106	0.00
70 C	Pentachlorophenol	40.000	42.241	-5.6	116	0.00
71	Phenanthrene	40.000	38.207	4.5	108	-0.01
72	Anthracene	40.000	38.143	4.6	107	0.00
73	Carbazole	40.000	38.742	3.1	108	0.00
74	Di-n-butylphthalate	40.000	37.195	7.0	101	-0.02
75 C	Fluoranthene	40.000	37.471	6.3	106	-0.01
76 I	Chrysene-d12	20.000	20.000	0.0	104	0.00
77	Benzidine	40.000	42.452	-6.1	105	-0.01
78	Pyrene	40.000	37.827	5.4	104	-0.01
79 S	Terphenyl-d14	80.000	74.981	6.3	100	-0.02
80	Butylbenzylphthalate	40.000	38.030	4.9	101	-0.01
81	Benzo(a)anthracene	40.000	38.417	4.0	105	0.00
82	3,3'-Dichlorobenzidine	40.000	38.683	3.3	104	-0.02
83	Chrysene	40.000	38.101	4.7	105	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	37.636	5.9	101	-0.02
85 c	Di-n-octyl phthalate	40.000	37.383	6.5	102	-0.01
86 I	Perylene-d12	20.000	20.000	0.0	108	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	39.367	1.6	110	-0.01
88	Benzo(b)fluoranthene	40.000	38.301	4.2	105	-0.02
89	Benzo(k)fluoranthene	40.000	37.286	6.8	106	0.00
90 C	Benzo(a)pyrene	40.000	37.841	5.4	107	0.00
91	Dibenzo(a,h)anthracene	40.000	39.385	1.5	111	-0.02
92	Benzo(g,h,i)perylene	40.000	39.310	1.7	110	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024871.D
Acq On : 09 Jun 2025 10:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jun 09 11:14:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 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



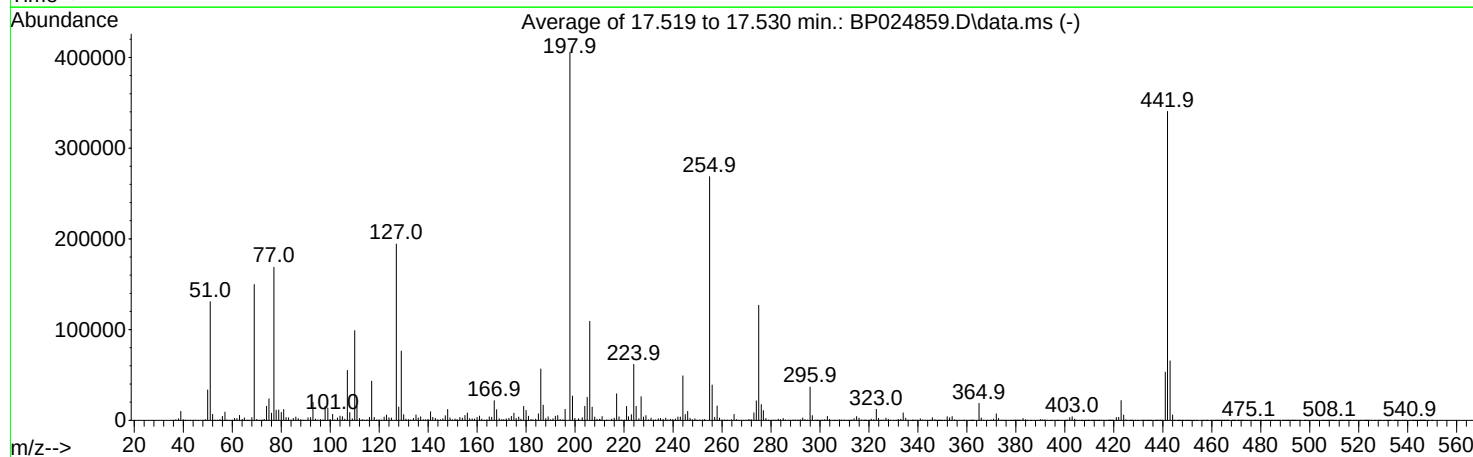
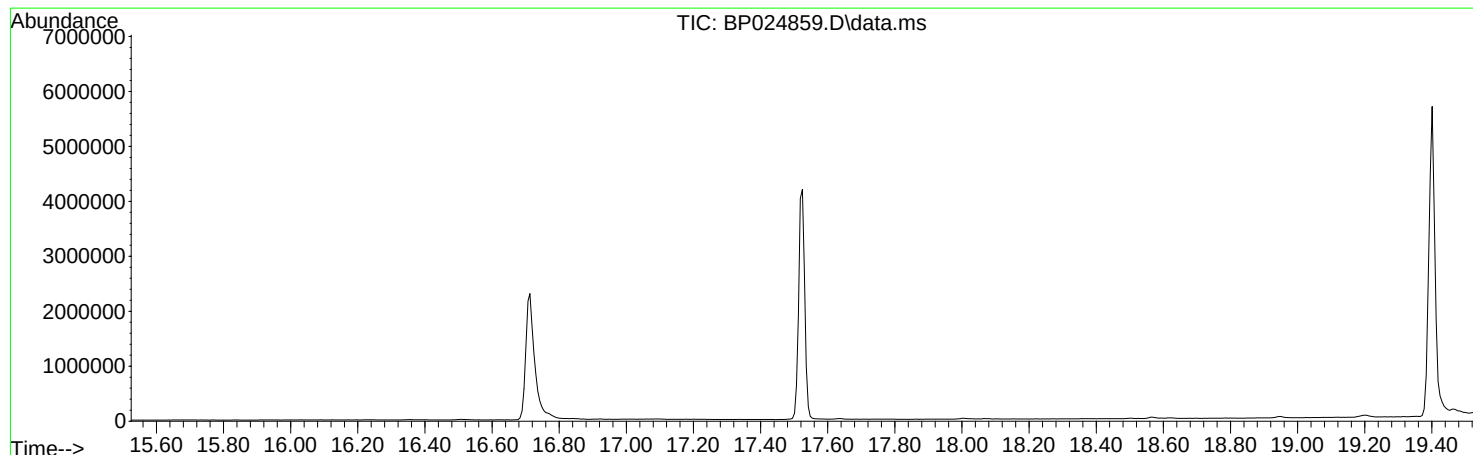
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024859.D
Acq On : 06 Jun 2025 09:49
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jun 06 16:20:27 2025



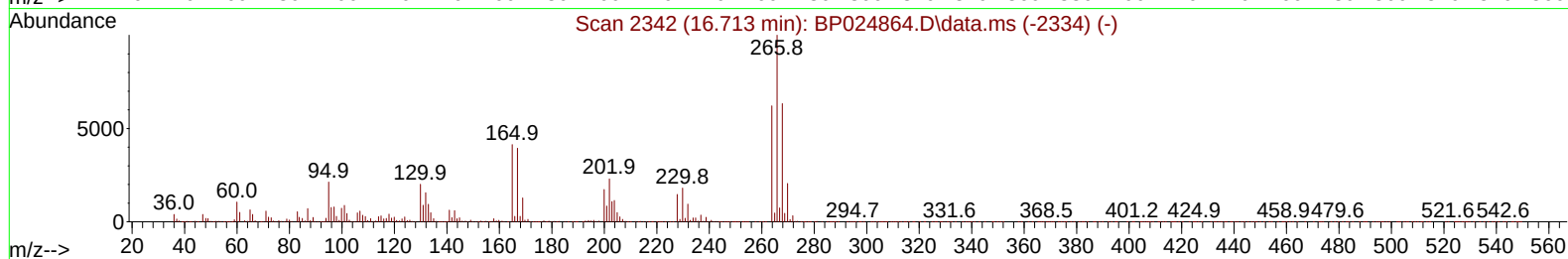
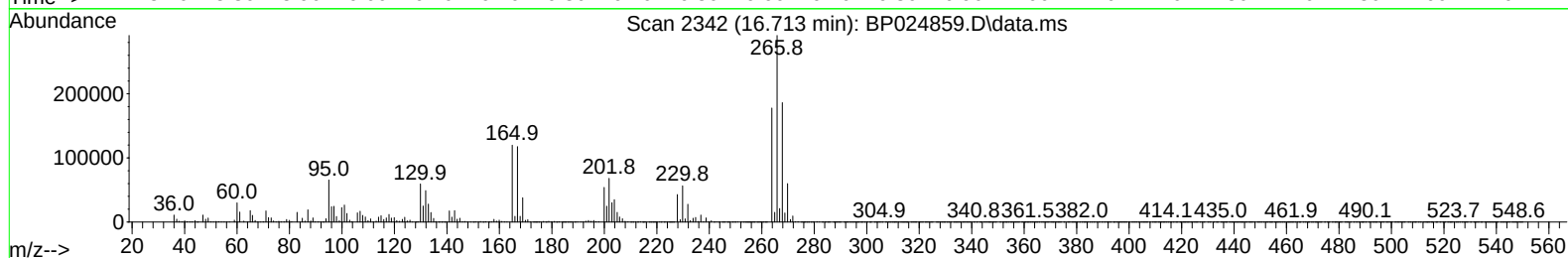
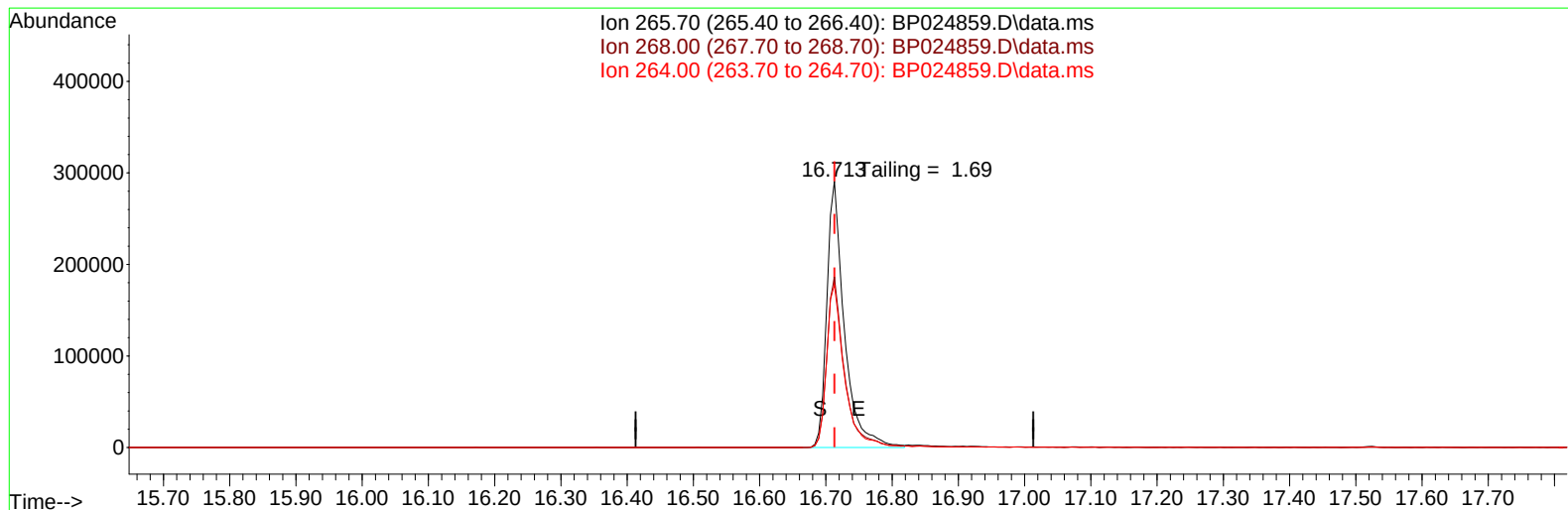
AutoFind: Scans 2479, 2480, 2481; Background Corrected with Scan 2471

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
51	198	10	80	32.2	130762	PASS
68	69	0.00	2	1.9	2882	PASS
69	198	0.00	100	36.9	149759	PASS
70	69	0.00	2	0.6	956	PASS
127	198	10	80	47.9	194356	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	405520	PASS
199	198	5	9	6.6	26790	PASS
275	198	10	60	31.2	126715	PASS
365	198	1	100	4.6	18586	PASS
441	198	0.01	100	13.1	53196	PASS
442	442	100	100	100.0	340484	PASS
443	442	15	24	19.2	65481	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024859.D
Acq On : 06 Jun 2025 09:49
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jun 06 16:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration



TIC: BP024859.D\data.ms

(70) Pentachlorophenol (C)

16.713min (-0.000) 25022.31 ng

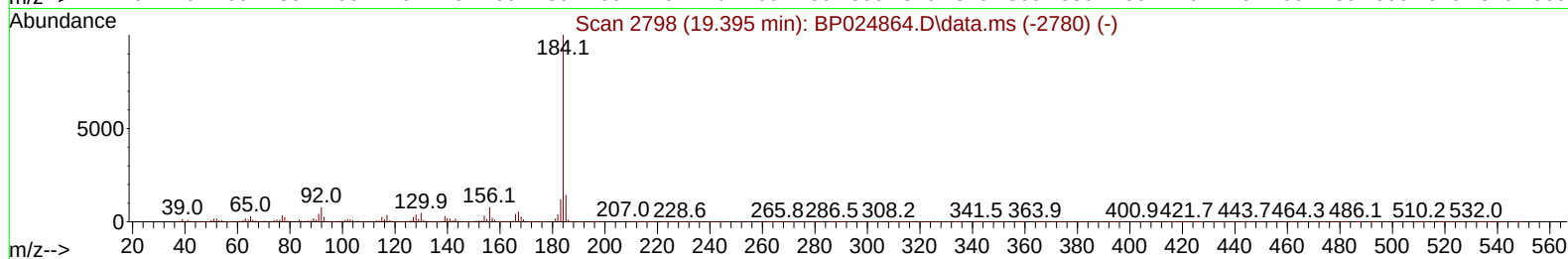
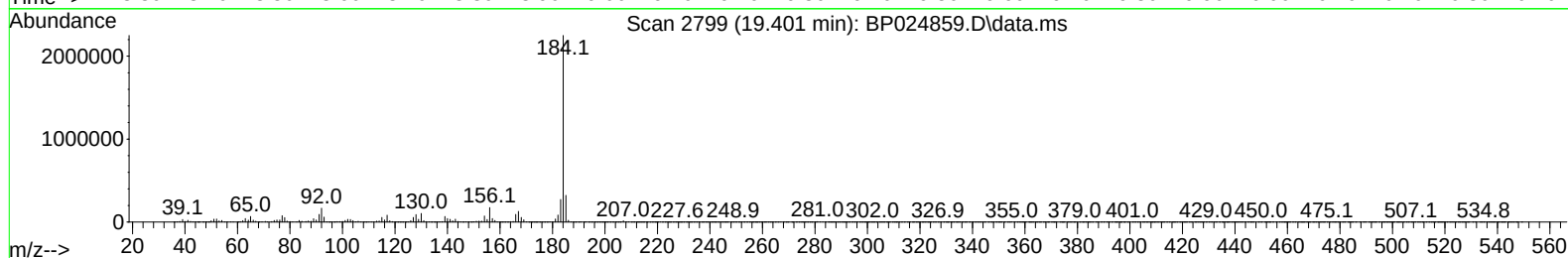
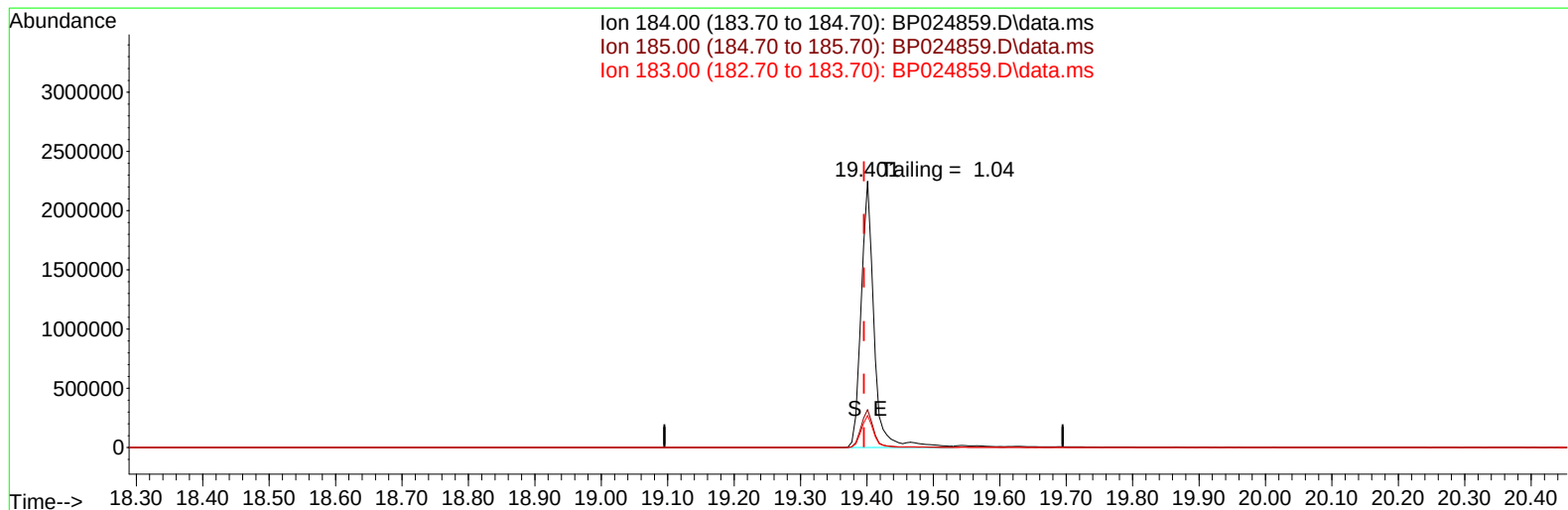
response 535499

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.30	63.99
264.00	62.10	61.11
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024859.D
Acq On : 06 Jun 2025 09:49
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jun 06 16:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration



TIC: BP024859.D\data.ms

(77) Benzidine

19.401min (+ 0.006) 4191.40 ng

response 2912892

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.20	14.27
183.00	11.90	12.06
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
6/6/2025	BNA_P	<u>BP024859.D</u>
Compound Name	Response	Retention Time
DDT	1572545	20.677
DDD	21912	20.26
DDE	1833	19.695
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
23745	1596290	1.49

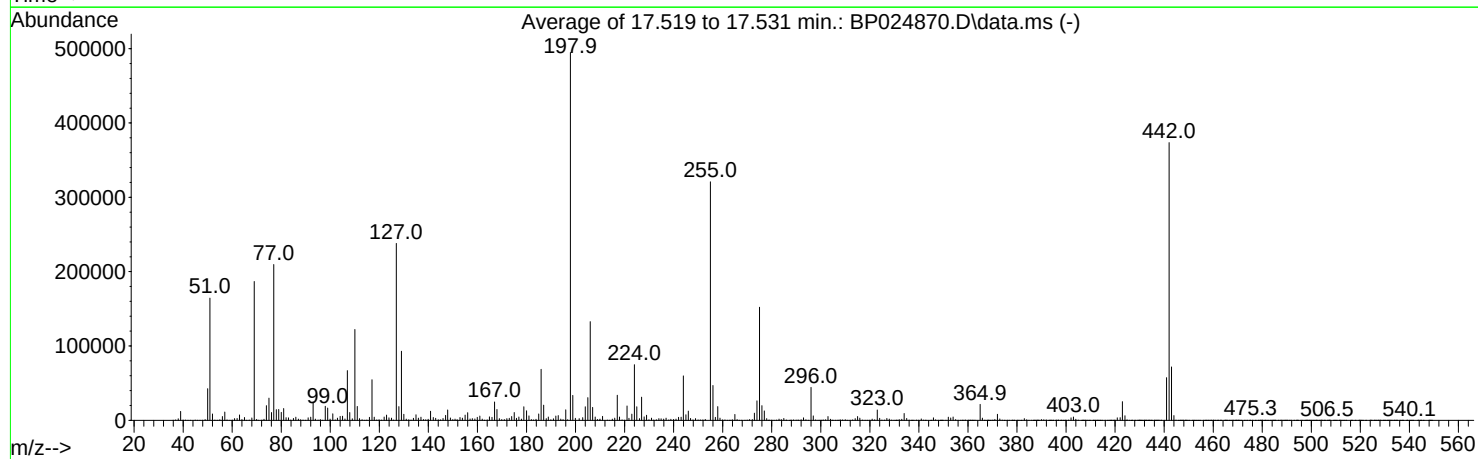
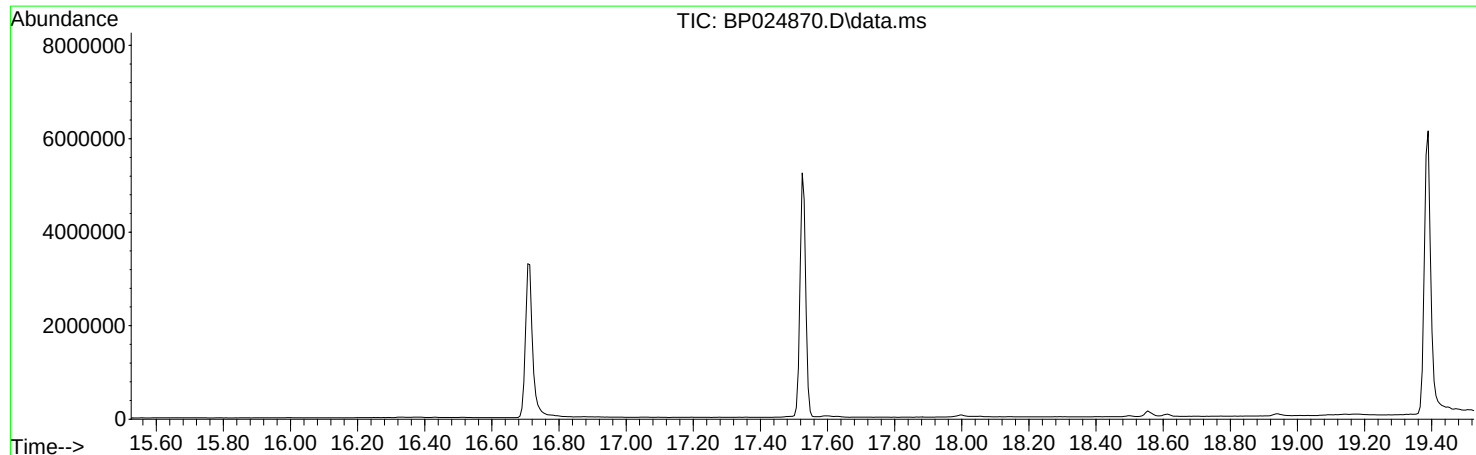
Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024870.D
Acq On : 09 Jun 2025 10:03
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jun 06 16:20:27 2025



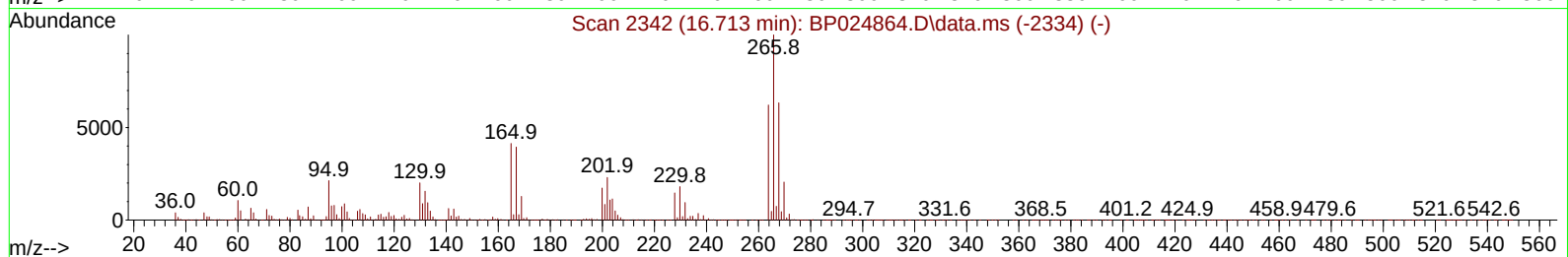
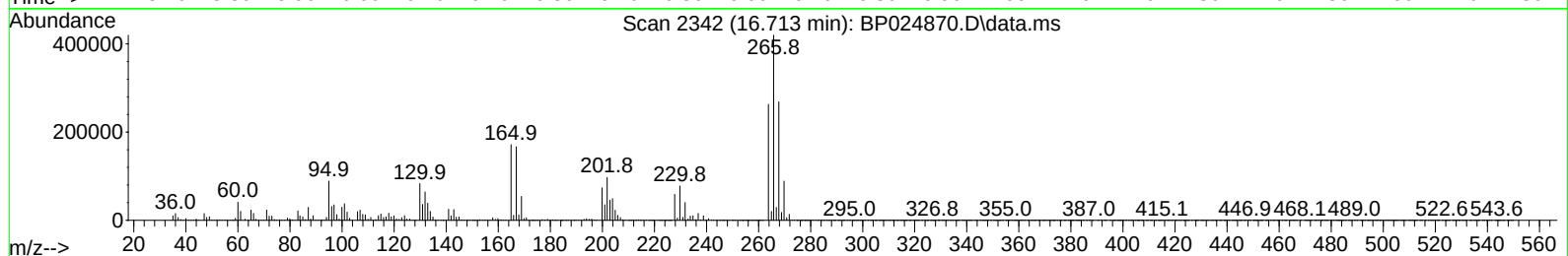
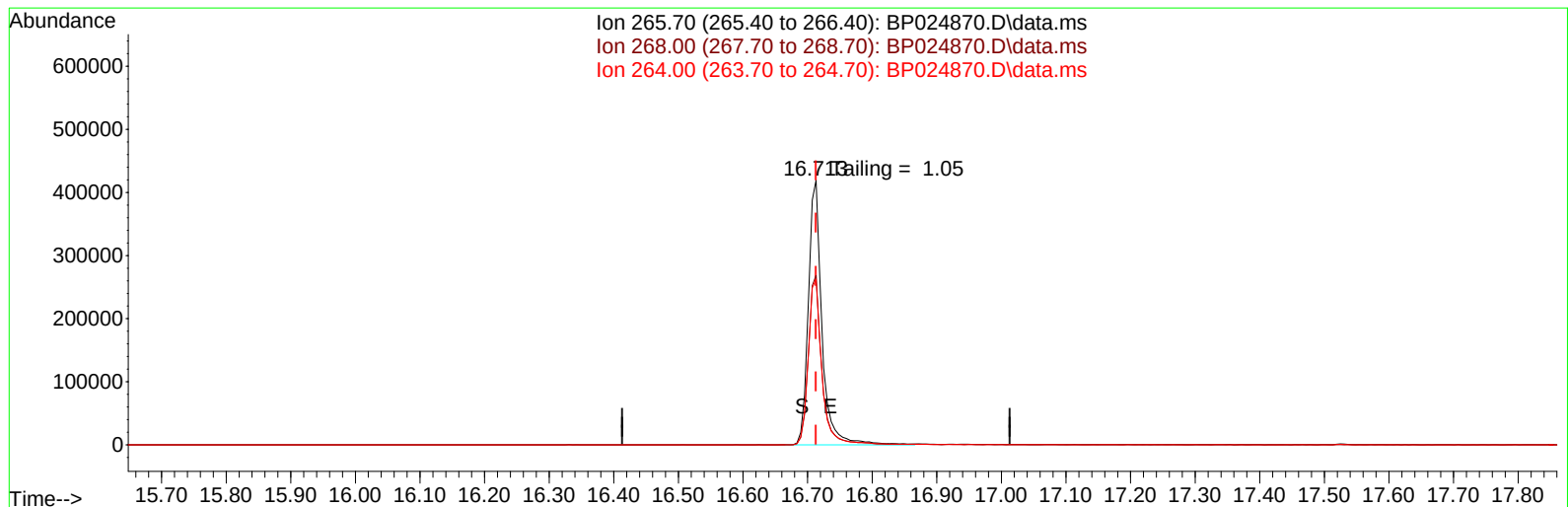
AutoFind: Scans 2479, 2480, 2481; Background Corrected with Scan 2469

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	33.2	164298	PASS
68	69	0.00	2	1.7	3127	PASS
69	198	0.00	100	37.7	186800	PASS
70	69	0.00	2	0.6	1208	PASS
127	198	10	80	48.1	237925	PASS
197	198	0.00	2	0.1	705	PASS
198	198	100	100	100.0	494936	PASS
199	198	5	9	6.8	33502	PASS
275	198	10	60	30.7	152082	PASS
365	198	1	100	4.3	21354	PASS
441	198	0.01	100	11.6	57460	PASS
442	442	100	100	100.0	373547	PASS
443	442	15	24	19.2	71751	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024870.D
Acq On : 09 Jun 2025 10:03
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jun 09 10:53:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration



TIC: BP024870.D\data.ms

(70) Pentachlorophenol (C)

16.713min (-0.000) 92926.84 ng

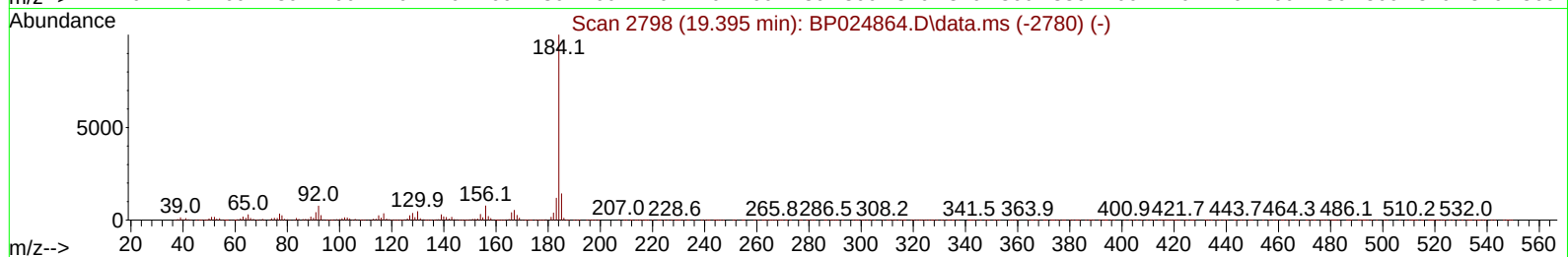
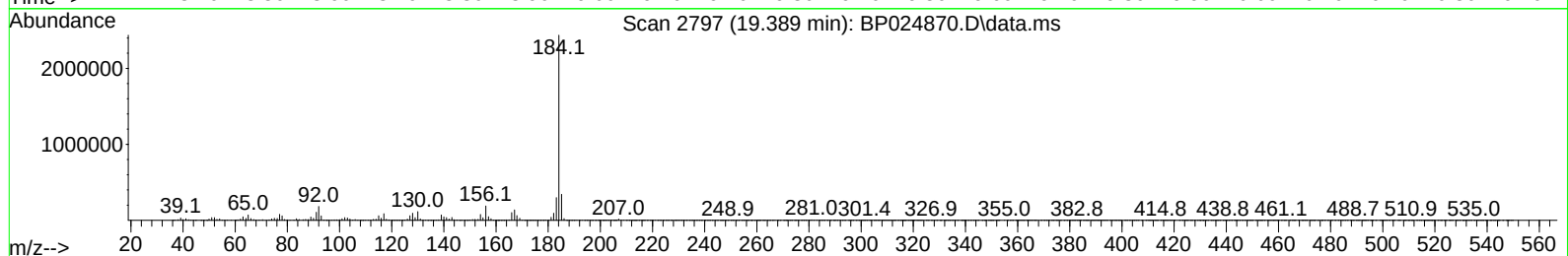
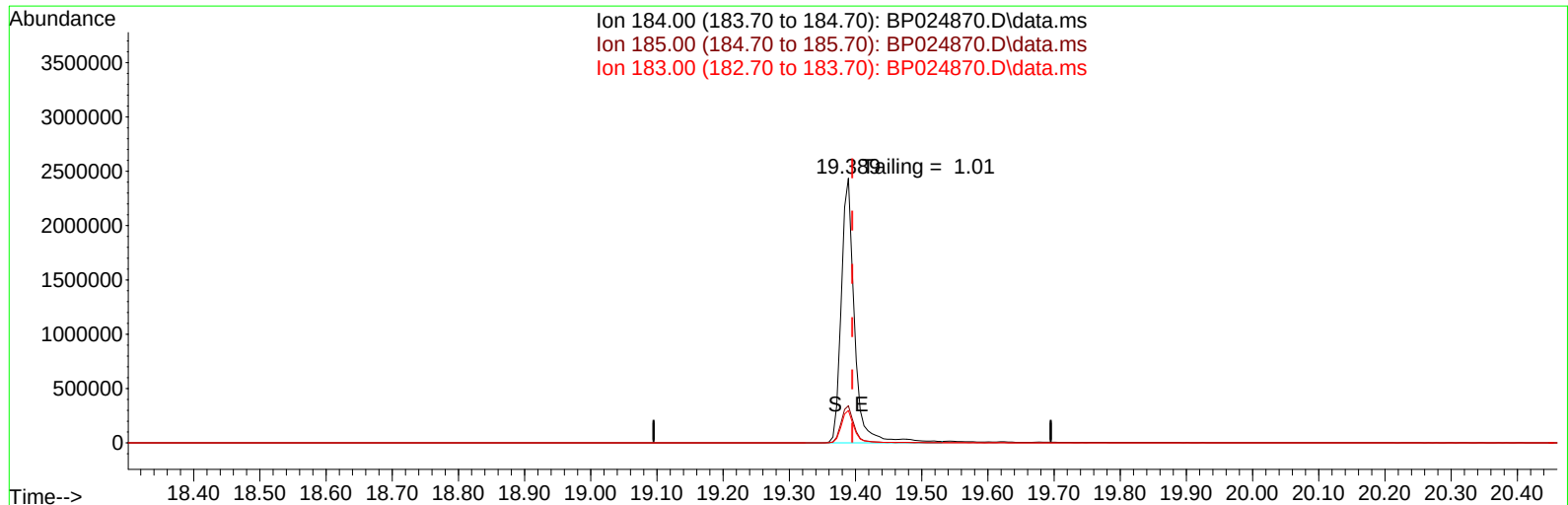
response 615758

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.30	64.02
264.00	62.10	62.65
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024870.D
Acq On : 09 Jun 2025 10:03
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jun 09 10:53:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration



TIC: BP024870.D\data.ms

(77) Benzidine

19.389min (-0.006) 1294.06 ng

response 3322112

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.20	14.01
183.00	11.90	12.23
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
6/9/2025	BNA_P	<u>BP024870.D</u>
Compound Name	Response	Retention Time
DDT	1823097	20.672
DDD	22597	20.26
DDE	2048	19.689
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
24645	1847742	1.33

Instrument :
BNA_P
ClientSampleId :
DFTPP

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	PB168323BL	SDG No.:	Q2209
Lab Sample ID:	PB168323BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024872.D	1	06/06/25 08:35	06/09/25 11:24	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	PB168323BL	SDG No.:	Q2209
Lab Sample ID:	PB168323BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024872.D	1	06/06/25 08:35	06/09/25 11:24	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L

SURROGATES

4165-60-0	Nitrobenzene-d5	85.2	30 (67) - 130 (132)	85%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.3	30 (52) - 130 (132)	84%	SPK: 100
1718-51-0	Terphenyl-d14	90.1	30 (42) - 130 (152)	90%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	279000	7.608

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	PB168323BL	SDG No.:	Q2209
Lab Sample ID:	PB168323BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024872.D	1	06/06/25 08:35	06/09/25 11:24	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	1080000	10.378			
15067-26-2	Acenaphthene-d10	656000	14.248			
1517-22-2	Phenanthrene-d10	1270000	17.066			
1719-03-5	Chrysene-d12	1280000	21.489			
1520-96-3	Perylene-d12	1470000	24.73			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	8.90	A		4.78	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024872.D
 Acq On : 09 Jun 2025 11:24
 Operator : RC/JU
 Sample : PB168323BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168323BL

Quant Time: Jun 09 12:31:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	278652	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1083873	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	655689	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1268484	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1277128	20.000	ng	0.00
86) Perylene-d12	24.730	264	1472674	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2436717	145.966	ng	0.00
7) Phenol-d6	6.814	99	3036491	137.475	ng	0.00
23) Nitrobenzene-d5	8.760	82	1900527	85.206	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	1295397	142.897	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	4102972	84.296	ng	0.00
79) Terphenyl-d14	19.795	244	6423595	90.145	ng	0.00

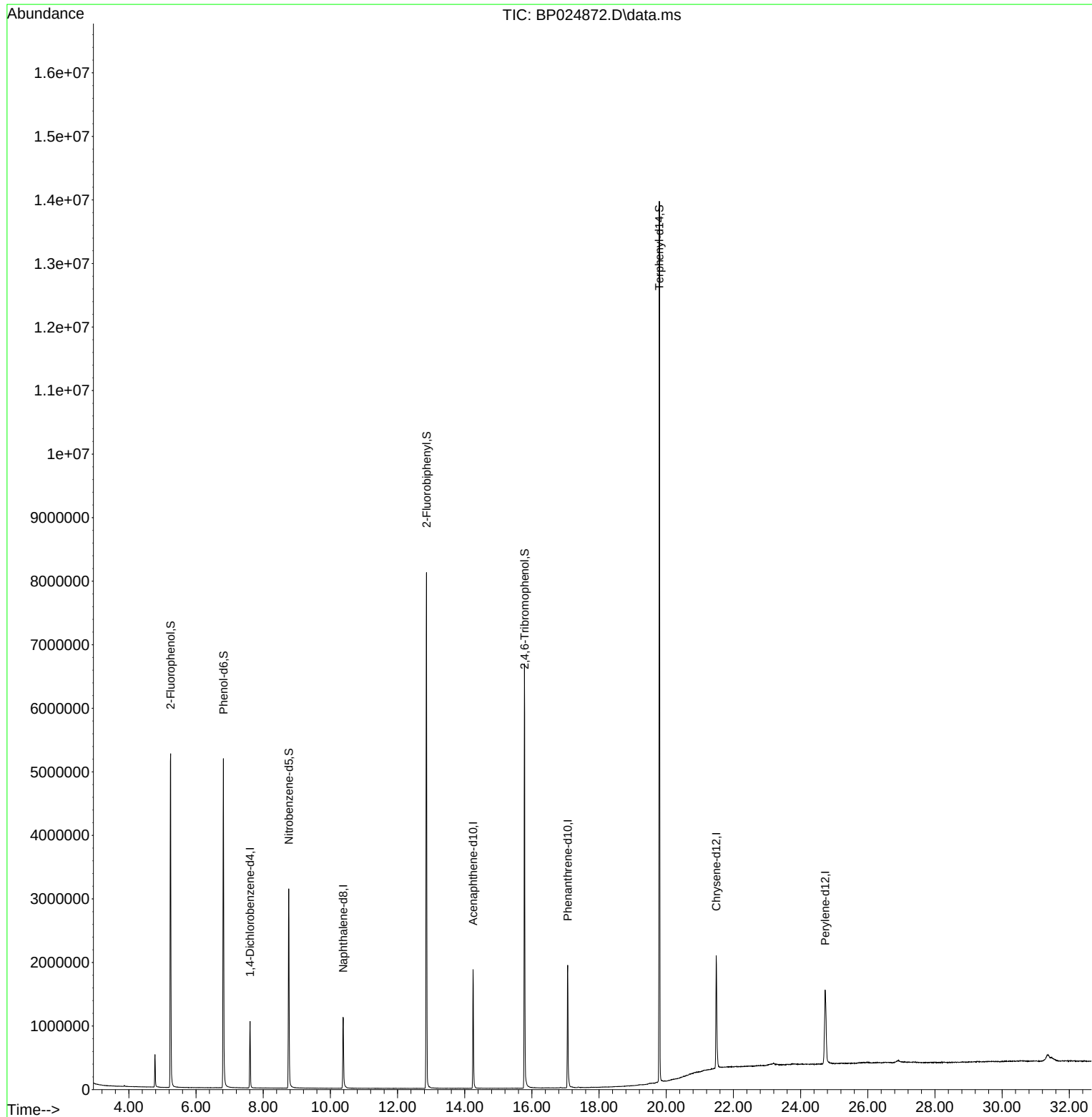
Target Compounds	Qvalue

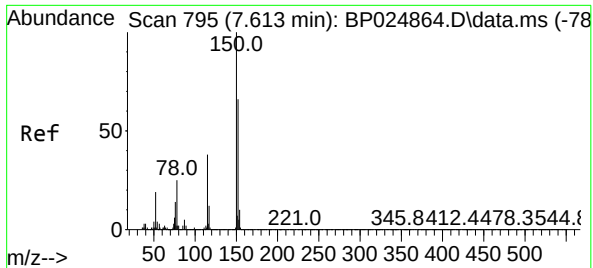
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024872.D
Acq On : 09 Jun 2025 11:24
Operator : RC/JU
Sample : PB168323BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168323BL

Quant Time: Jun 09 12:31:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

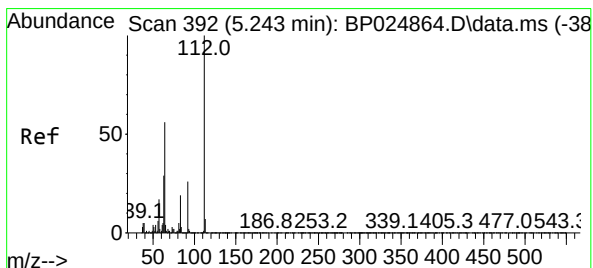
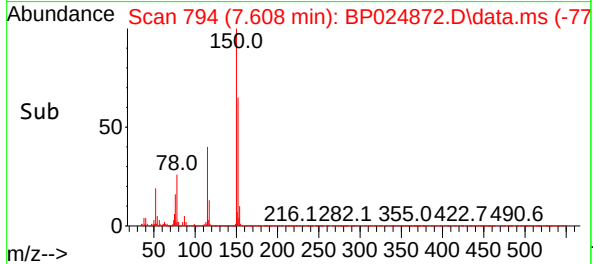
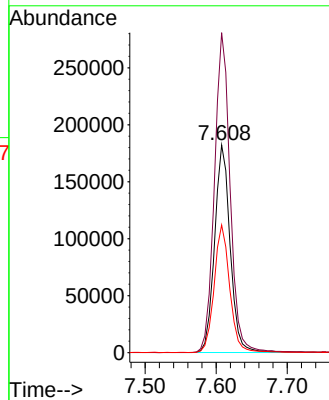
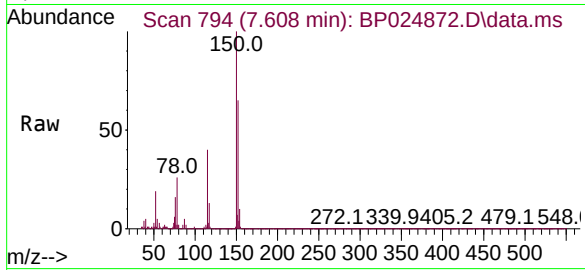




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

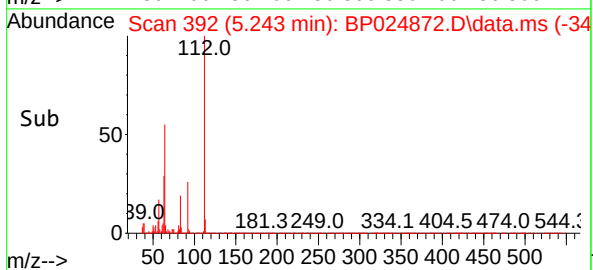
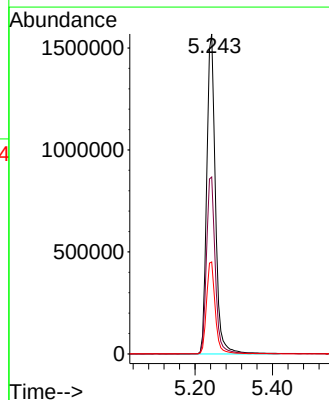
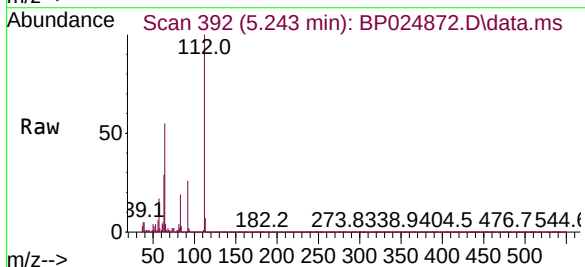
Instrument :
BNA_P
ClientSampleId :
PB168323BL

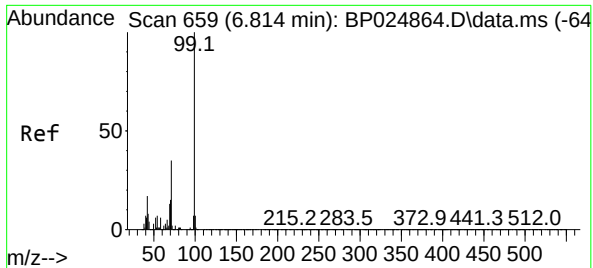
Tgt Ion:152 Resp: 278652
Ion Ratio Lower Upper
152 100
150 154.2 122.1 183.1
115 61.5 46.4 69.6



#5
2-Fluorophenol
Concen: 145.966 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:112 Resp: 2436717
Ion Ratio Lower Upper
112 100
64 55.3 44.7 67.1
63 28.7 23.5 35.3

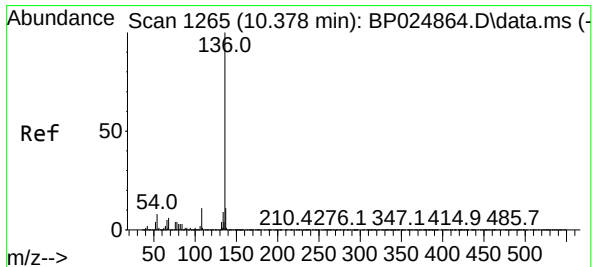
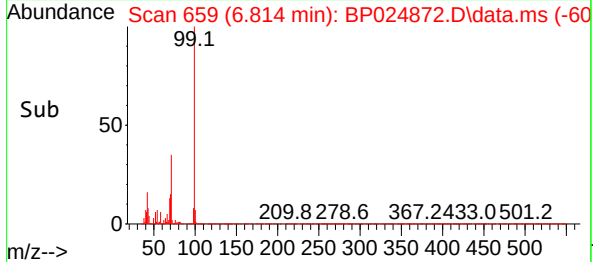
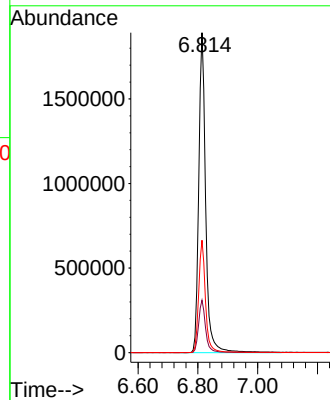
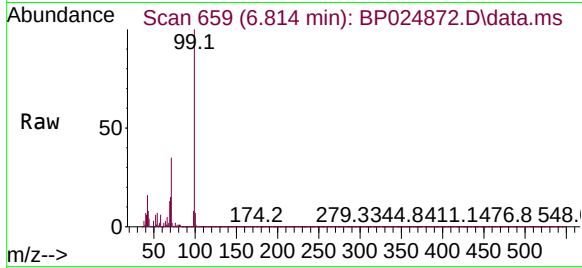




#7
Phenol-d6
Concen: 137.475 ng
RT: 6.814 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

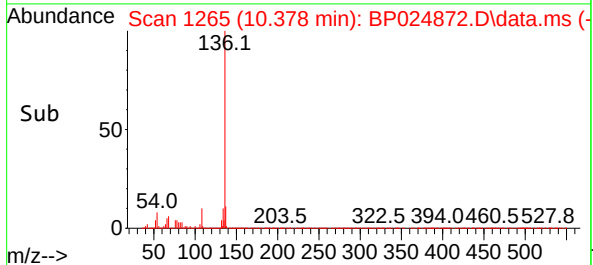
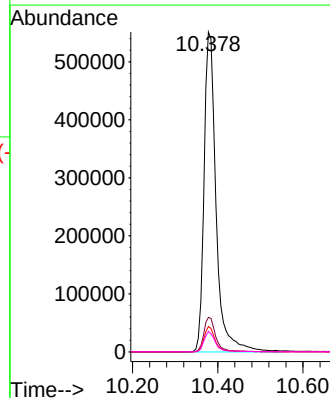
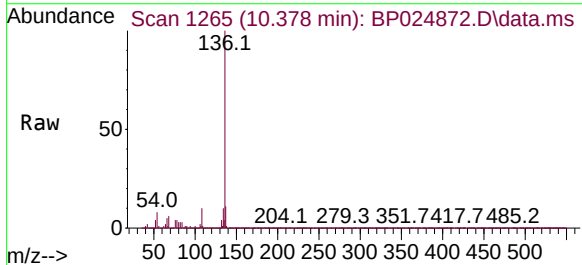
Instrument :
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ClientSampleId :
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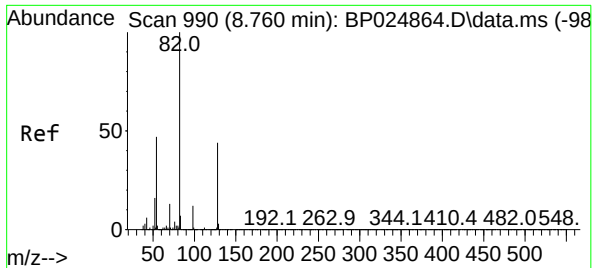
Tgt Ion: 99 Resp: 3036491
Ion Ratio Lower Upper
99 100
42 16.4 13.4 20.2
71 35.1 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion: 136 Resp: 1083873
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.9 6.1 9.1
68 6.4 4.6 7.0





#23

Nitrobenzene-d5

Concen: 85.206 ng

RT: 8.760 min Scan# 990

Delta R.T. -0.000 min

Lab File: BP024872.D

Acq: 09 Jun 2025 11:24

Instrument :

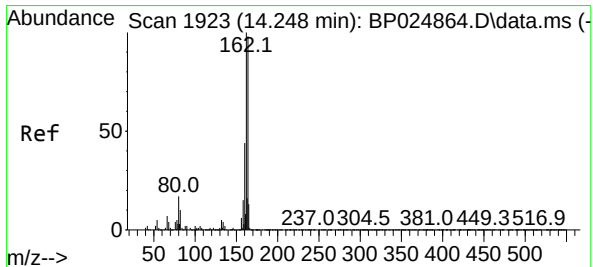
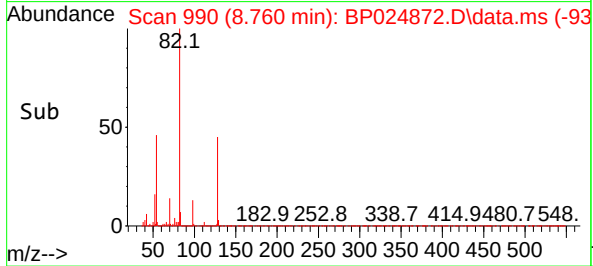
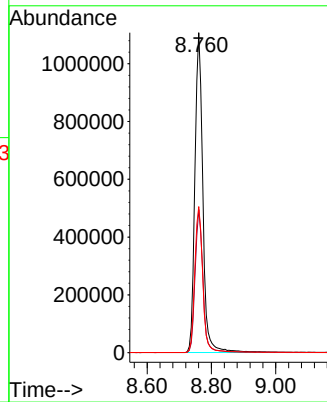
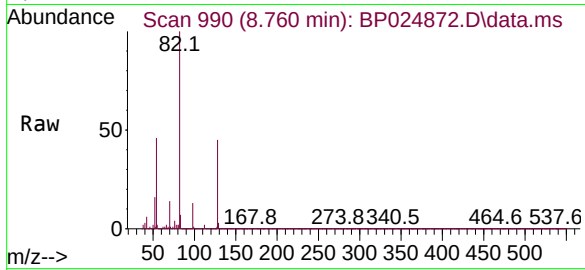
BNA_P

ClientSampleId :

PB168323BL

Tgt Ion: 82 Resp: 1900527

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.3	52.9
54	45.6	37.4	56.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.248 min Scan# 1923

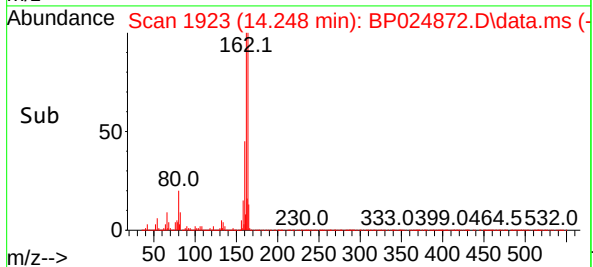
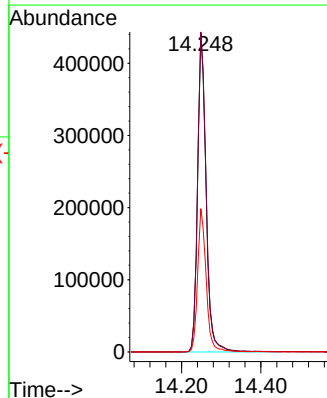
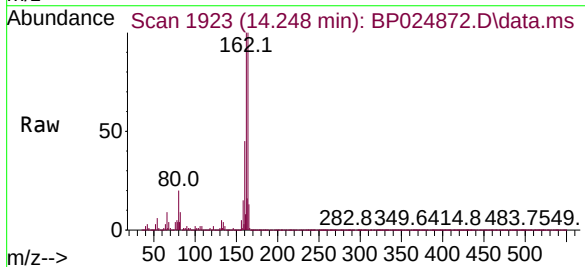
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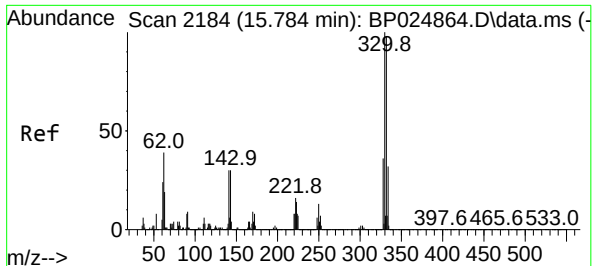
Lab File: BP024872.D

Acq: 09 Jun 2025 11:24

Tgt Ion: 164 Resp: 655689

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.6	122.4
160	44.9	36.2	54.2

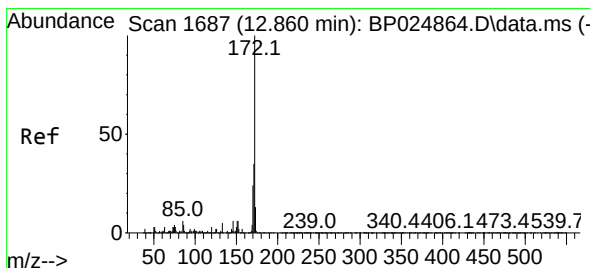
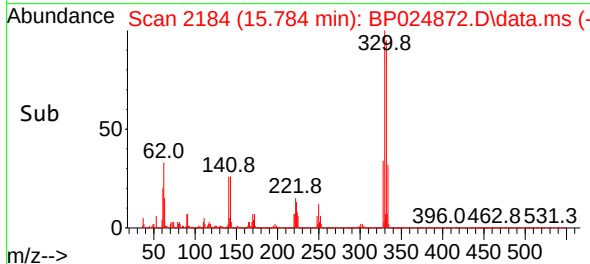
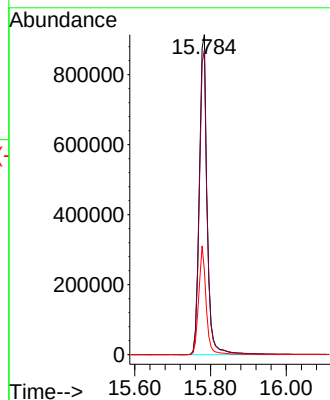
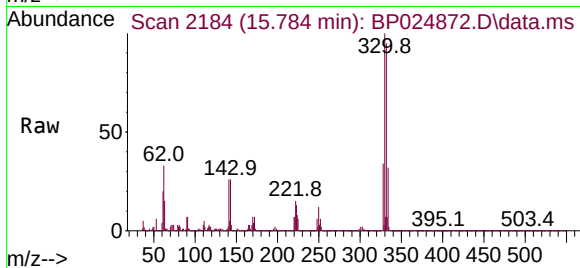




#42
2,4,6-Tribromophenol
Concen: 142.897 ng
RT: 15.784 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

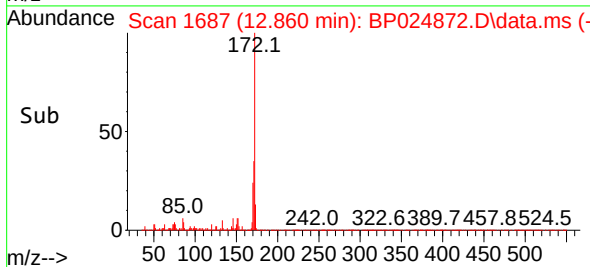
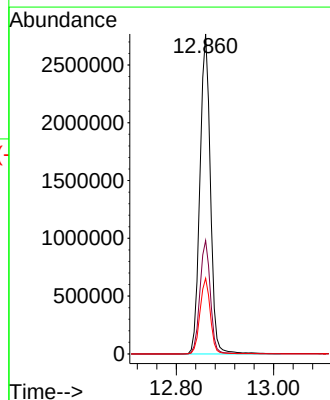
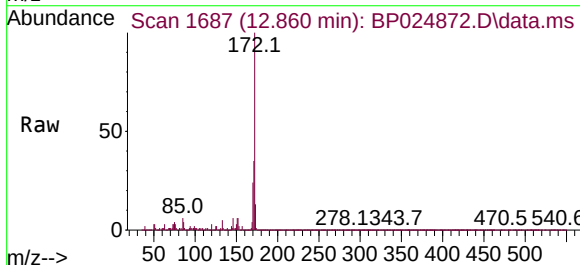
Instrument :
BNA_P
ClientSampleId :
PB168323BL

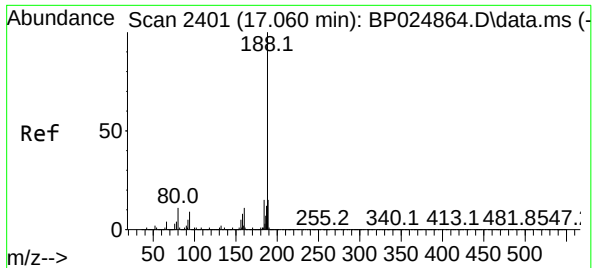
Tgt Ion:330 Resp: 1295397
Ion Ratio Lower Upper
330 100
332 95.2 77.7 116.5
141 32.3 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 84.296 ng
RT: 12.860 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:172 Resp: 4102972
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.6 19.0 28.4

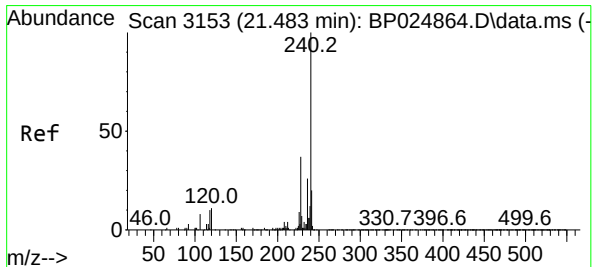
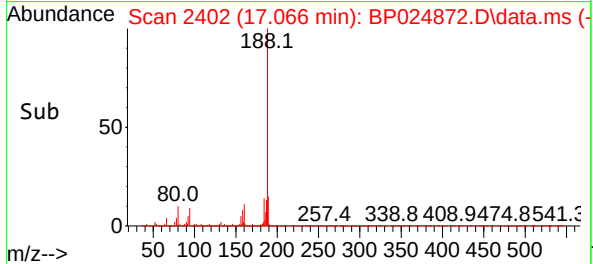
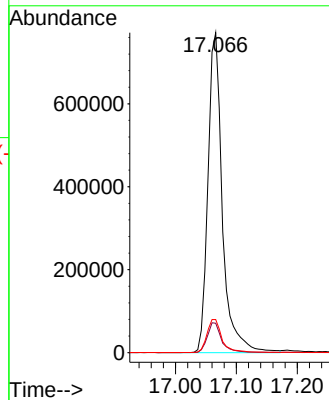
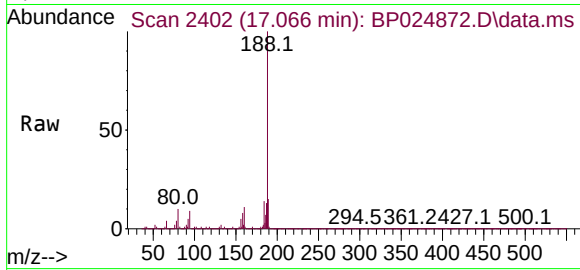




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.066 min Scan# 2401
Delta R.T. 0.006 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

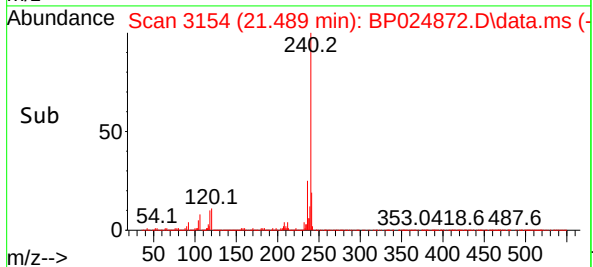
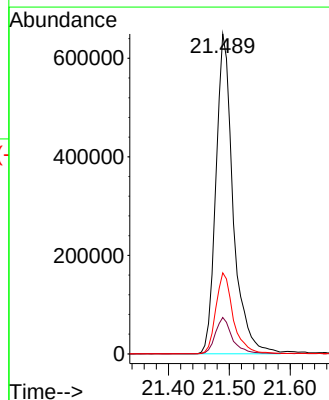
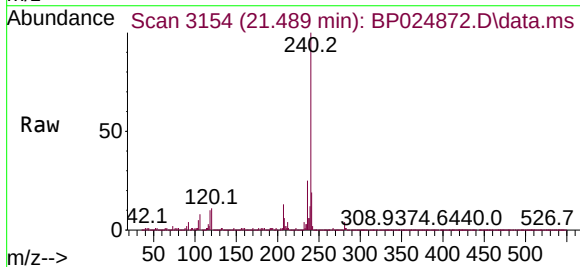
Instrument :
BNA_P
ClientSampleId :
PB168323BL

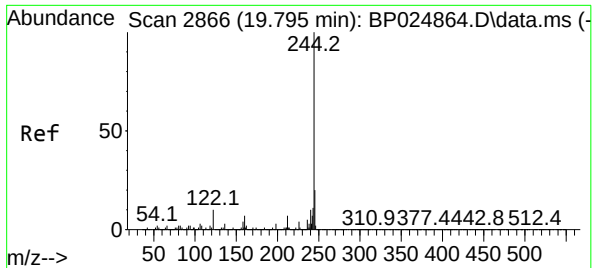
Tgt Ion:188 Resp: 1268484
Ion Ratio Lower Upper
188 100
94 9.2 7.3 10.9
80 10.3 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:240 Resp: 1277128
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.3 20.9 31.3

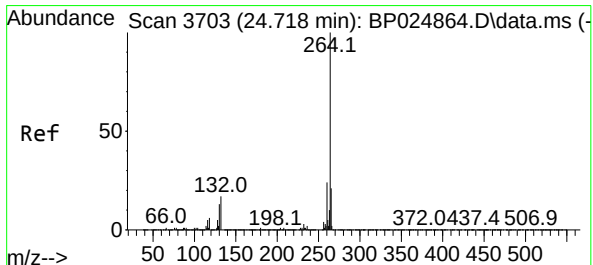
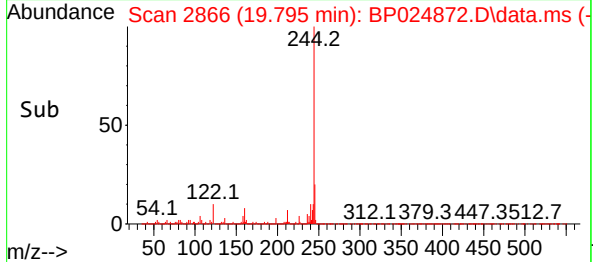
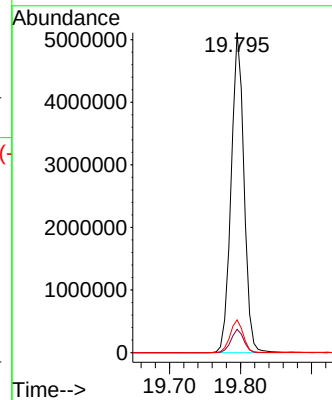
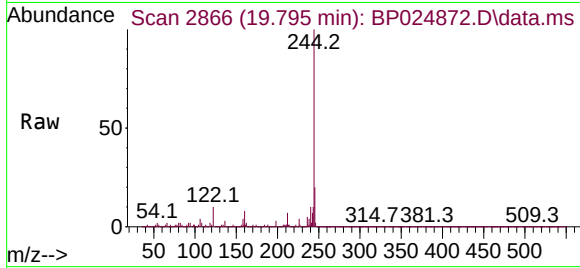




#79
 Terphenyl-d14
 Concen: 90.145 ng
 RT: 19.795 min Scan# 2866
 Delta R.T. -0.000 min
 Lab File: BP024872.D
 Acq: 09 Jun 2025 11:24

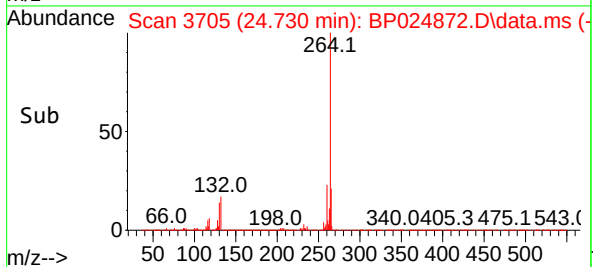
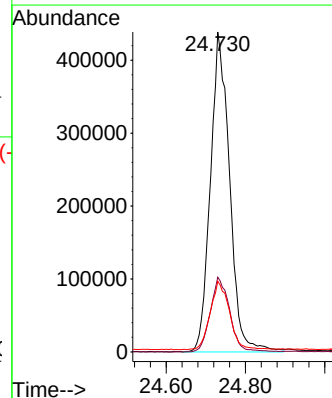
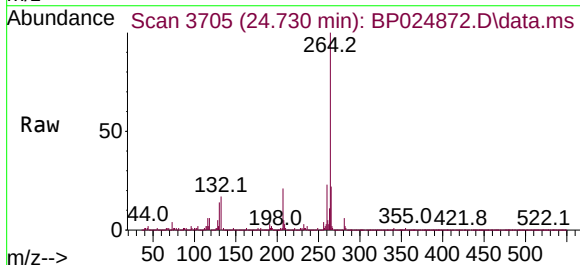
Instrument :
 BNA_P
 ClientSampleId :
 PB168323BL

Tgt Ion:244 Resp: 6423595
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 10.2 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.730 min Scan# 3705
 Delta R.T. 0.012 min
 Lab File: BP024872.D
 Acq: 09 Jun 2025 11:24

Tgt Ion:264 Resp: 1472674
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 22.1 17.4 26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024872.D
 Acq On : 09 Jun 2025 11:24
 Operator : RC/JU
 Sample : PB168323BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168323BL

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-BP060625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024872.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.778	308	313	326	rBV	510577	718345	4.10%	0.915%
2	5.243	385	392	419	rBV	5252634	8227174	46.92%	10.484%
3	6.814	652	659	680	rBV	5181034	8289401	47.27%	10.563%
4	7.608	787	794	814	rBV	1050014	1608526	9.17%	2.050%
5	8.760	980	990	1017	rBV	3138266	5402410	30.81%	6.884%
6	10.378	1258	1265	1287	rBV	1117329	2188080	12.48%	2.788%
7	12.860	1680	1687	1700	rBV	8116404	11956272	68.18%	15.236%
8	14.248	1915	1923	1940	rBV	1870333	2816175	16.06%	3.589%
9	15.778	2175	2183	2203	rBV	6677976	9467932	53.99%	12.065%
10	17.066	2395	2402	2418	rBV2	1929882	3204288	18.27%	4.083%
11	19.795	2859	2866	2877	rBV	13858273	17536338	100.00%	22.347%
12	21.489	3148	3154	3165	rBV2	1767894	3429892	19.56%	4.371%
13	24.730	3697	3705	3722	rVB	1140049	3628218	20.69%	4.624%

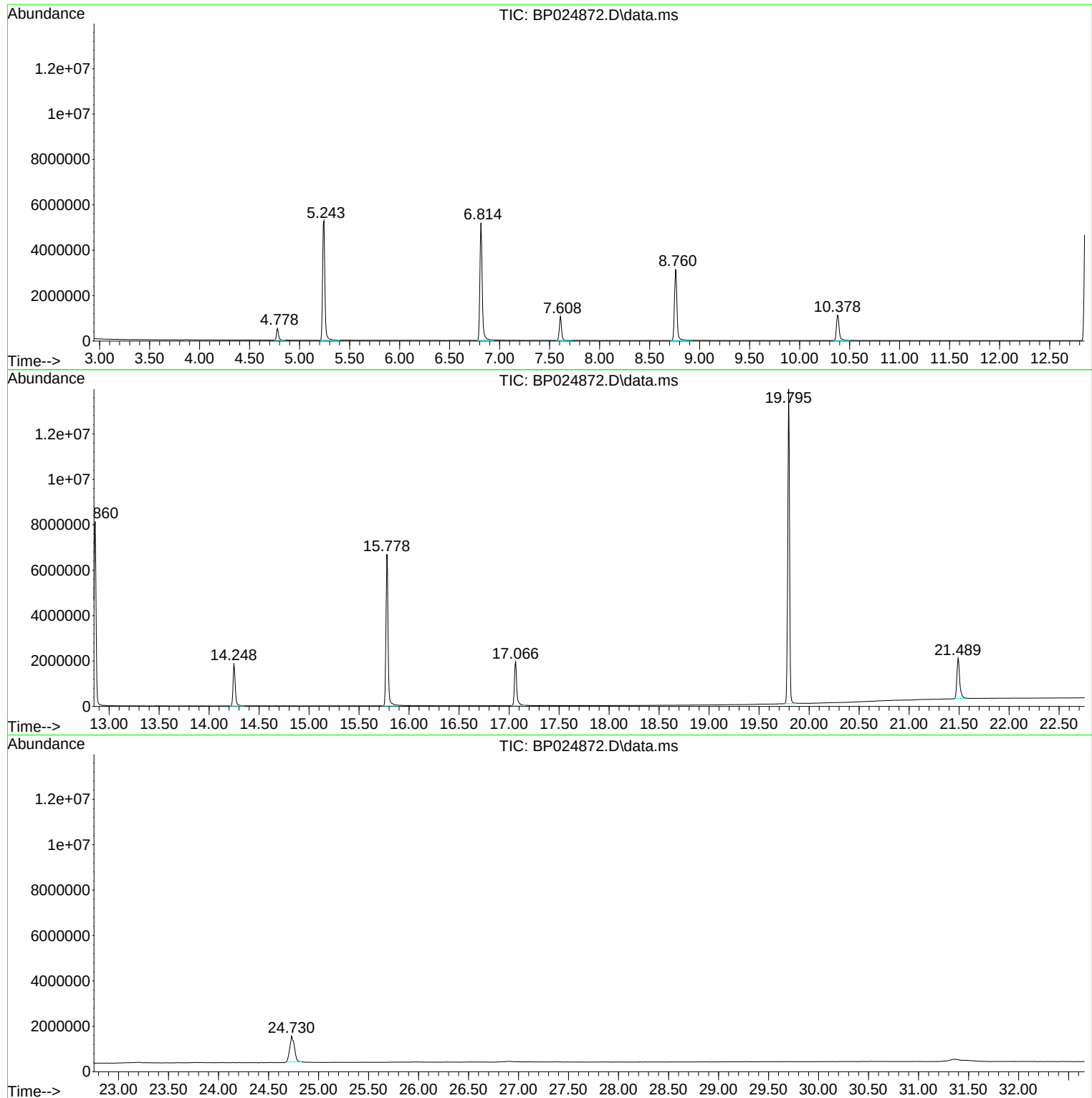
Sum of corrected areas: 78473051

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024872.D
Acq On : 09 Jun 2025 11:24
Operator : RC/JU
Sample : PB168323BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168323BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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\BP060925\
Data File : BP024872.D
Acq On : 09 Jun 2025 11:24
Operator : RC/JU
Sample : PB168323BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168323BL

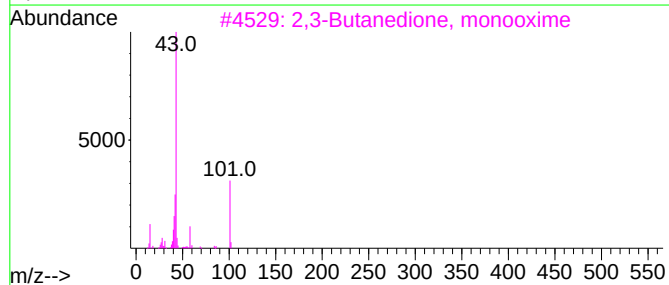
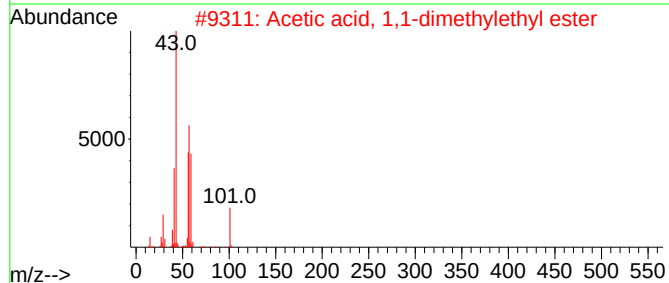
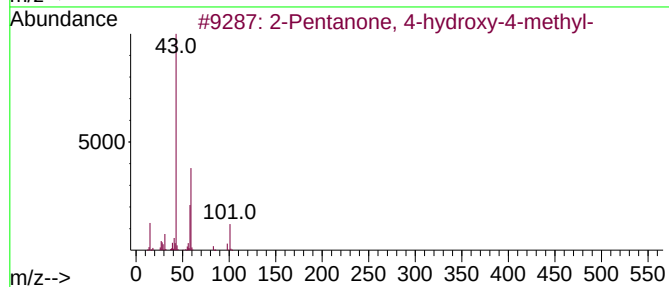
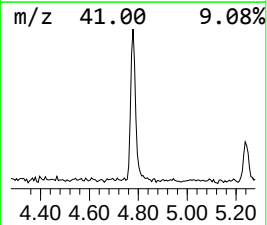
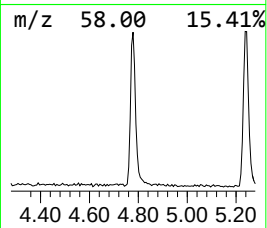
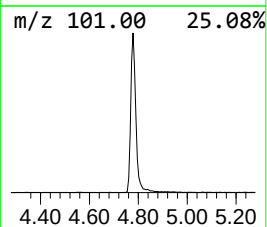
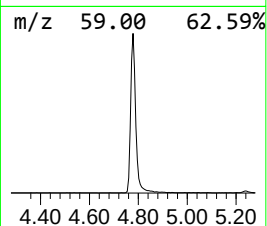
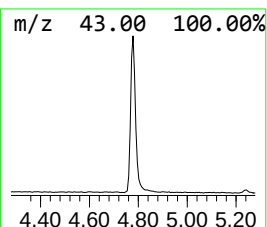
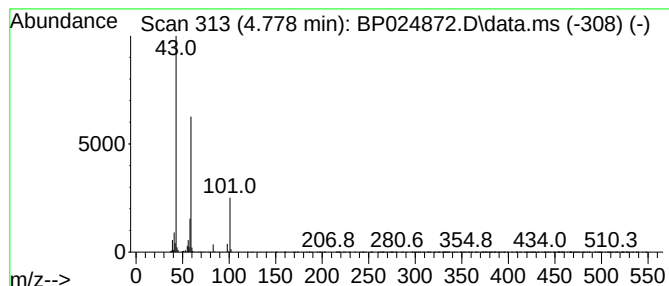
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.778	8.93 ng	718345	1,4-Dichlorobenzene-d4	7.608

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38		
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17		
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024872.D
Acq On : 09 Jun 2025 11:24
Operator : RC/JU
Sample : PB168323BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168323BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.778	8.9	ng	718345	1	7.608	1608530	20.0

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	PB168323BS	SDG No.:	Q2209
Lab Sample ID:	PB168323BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024873.D	1	06/06/25 08:35	06/09/25 12:05	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	36.0		3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.9		0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	43.1		1.30	5.00	ug/L
98-86-2	Acetophenone	45.2		0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41.9		1.40	2.50	ug/L
67-72-1	Hexachloroethane	43.8		0.65	5.00	ug/L
98-95-3	Nitrobenzene	46.3		0.76	5.00	ug/L
78-59-1	Isophorone	43.2		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.2		0.68	5.00	ug/L
91-20-3	Naphthalene	45.3		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	20.3		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	44.9		0.54	5.00	ug/L
105-60-2	Caprolactam	45.7		1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	45.0		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	100	E	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	45.8		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	46.2		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	48.3		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	44.8		0.61	5.00	ug/L
208-96-8	Acenaphthylene	45.5		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	46.2		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	25.9		1.10	5.00	ug/L
83-32-9	Acenaphthene	45.2		0.55	5.00	ug/L
132-64-9	Dibenzofuran	44.3		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	47.0		1.20	5.00	ug/L
84-66-2	Diethylphthalate	44.3		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44.1		0.68	5.00	ug/L
86-73-7	Fluorene	44.7		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	45.1		1.50	5.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	PB168323BS	SDG No.:	Q2209
Lab Sample ID:	PB168323BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024873.D	1	06/06/25 08:35	06/09/25 12:05	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	46.8		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	45.8		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	45.6		0.52	5.00	ug/L
1912-24-9	Atrazine	46.7		1.00	5.00	ug/L
85-01-8	Phenanthrene	45.8		0.50	5.00	ug/L
120-12-7	Anthracene	46.0		0.61	5.00	ug/L
86-74-8	Carbazole	47.4		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	46.1		1.20	5.00	ug/L
206-44-0	Fluoranthene	45.9		0.82	5.00	ug/L
129-00-0	Pyrene	46.2		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	46.4		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	26.4		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	46.6		0.45	5.00	ug/L
218-01-9	Chrysene	46.4		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	47.5		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	48.1		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	47.3		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	47.5		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	47.7		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.4		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	47.6		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	47.6		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.1		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	36.2		1.00	5.00	ug/L

SURROGATES

4165-60-0	Nitrobenzene-d5	79.4	30 (67) - 130 (132)	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.9	30 (52) - 130 (132)	78%	SPK: 100
1718-51-0	Terphenyl-d14	79.2	30 (42) - 130 (152)	79%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	252000	7.608

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Power		Date Received:	
Client Sample ID:	PB168323BS		SDG No.:	Q2209
Lab Sample ID:	PB168323BS		Matrix:	Water
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024873.D	1	06/06/25 08:35	06/09/25 12:05	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	1020000	10.378			
15067-26-2	Acenaphthene-d10	628000	14.248			
1517-22-2	Phenanthrene-d10	1190000	17.06			
1719-03-5	Chrysene-d12	1270000	21.483			
1520-96-3	Perylene-d12	1550000	24.724			

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\BP060925\
 Data File : BP024873.D
 Acq On : 09 Jun 2025 12:05
 Operator : RC/JU
 Sample : PB168323BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168323BS

Quant Time: Jun 09 12:32:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	251786	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1016039	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	628283	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1189376	20.000	ng	0.00
76) Chrysene-d12	21.483	240	1268867	20.000	ng	0.00
86) Perylene-d12	24.724	264	1547954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2150315	142.554	ng	0.00
7) Phenol-d6	6.819	99	2717026	136.137	ng	0.00
23) Nitrobenzene-d5	8.760	82	1661117	79.445	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1140597	131.309	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	3633814	77.914	ng	0.00
79) Terphenyl-d14	19.777	244	5609281	79.230	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.172	88	239942	36.151	ng	97
3) Pyridine	3.567	79	632702	39.638	ng	99
4) n-Nitrosodimethylamine	3.478	42	294319	45.102	ng	100
6) Aniline	6.955	93	816918	32.074	ng	100
8) 2-Chlorophenol	7.190	128	832660	48.694	ng	98
9) Benzaldehyde	6.766	77	414614	36.042	ng	98
10) Phenol	6.843	94	1008585	49.021	ng	99
11) bis(2-Chloroethyl)ether	7.043	93	726397	44.889	ng	97
12) 1,3-Dichlorobenzene	7.502	146	833695	43.703	ng	99
13) 1,4-Dichlorobenzene	7.649	146	840877	43.687	ng	99
14) 1,2-Dichlorobenzene	7.955	146	821435	43.460	ng	99
15) Benzyl Alcohol	7.860	79	691313	45.133	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.131	45	912010	43.060	ng	100
17) 2-Methylphenol	8.072	107	681305	47.420	ng	99
18) Hexachloroethane	8.666	117	317537	43.819	ng	97
19) n-Nitroso-di-n-propyla...	8.413	70	568500	41.901	ng	99
20) 3+4-Methylphenols	8.396	107	915040	46.681	ng	96
22) Acetophenone	8.431	105	1160850	45.221	ng	98
24) Nitrobenzene	8.802	77	859288	46.259	ng	100
25) Isophorone	9.325	82	1564267	43.167	ng	100
26) 2-Nitrophenol	9.507	139	433908	47.343	ng	100
27) 2,4-Dimethylphenol	9.578	122	754390	48.094	ng	99
28) bis(2-Chloroethoxy)met...	9.796	93	977653	45.227	ng	99
29) 2,4-Dichlorophenol	10.054	162	741425	49.263	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	756797	44.582	ng	100
31) Naphthalene	10.431	128	2358732	45.301	ng	99
32) Benzoic acid	9.766	122	501882	47.349	ng	99
33) 4-Chloroaniline	10.554	127	443141	20.314	ng	99
34) Hexachlorobutadiene	10.707	225	459112	44.873	ng	99
35) Caprolactam	11.349	113	252952	45.658	ng	92
36) 4-Chloro-3-methylphenol	11.696	107	820968	47.292	ng	100
37) 2-Methylnaphthalene	12.048	142	1487861	45.048	ng	99
38) 1-Methylnaphthalene	12.266	142	1560851	44.203	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	822077	46.112	ng	99
41) Hexachlorocyclopentadiene	12.390	237	1097762	100.954	ng	99
43) 2,4,6-Trichlorophenol	12.678	196	577250	48.214	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024873.D
 Acq On : 09 Jun 2025 12:05
 Operator : RC/JU
 Sample : PB168323BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168323BS

Quant Time: Jun 09 12:32:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	635990	49.602	ng	98
46) 1,1'-Biphenyl	13.066	154	2093200	45.844	ng	100
47) 2-Chloronaphthalene	13.107	162	1620819	46.187	ng	99
48) 2-Nitroaniline	13.331	65	521042	48.295	ng	99
49) Acenaphthylene	13.972	152	2661012	45.478	ng	100
50) Dimethylphthalate	13.707	163	2077480	44.824	ng	100
51) 2,6-Dinitrotoluene	13.837	165	461134	46.153	ng	100
52) Acenaphthene	14.313	154	1516438	45.227	ng	99
53) 3-Nitroaniline	14.178	138	268082	25.855	ng	92
54) 2,4-Dinitrophenol	14.390	184	594890	90.641	ng	98
55) Dibenzofuran	14.654	168	2381540	44.250	ng	97
56) 4-Nitrophenol	14.531	139	809101	91.350	ng	97
57) 2,4-Dinitrotoluene	14.637	165	656655	46.983	ng	97
58) Fluorene	15.319	166	1942620	44.681	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.901	232	537424	46.912	ng	100
60) Diethylphthalate	15.101	149	2045901	44.293	ng	99
61) 4-Chlorophenyl-phenyle...	15.313	204	938236	44.135	ng	99
62) 4-Nitroaniline	15.360	138	424134	45.113	ng	98
63) Azobenzene	15.607	77	1915956	45.227	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	378653	48.450	ng	94
66) n-Nitrosodiphenylamine	15.542	169	1726506	46.833	ng	99
67) 4-Bromophenyl-phenylether	16.231	248	614107	45.760	ng	98
68) Hexachlorobenzene	16.342	284	742281	45.626	ng	100
69) Atrazine	16.525	200	624545	46.732	ng	99
70) Pentachlorophenol	16.713	266	905521	107.544	ng	99
71) Phenanthrene	17.107	178	3008256	45.769	ng	99
72) Anthracene	17.195	178	3062015	46.000	ng	100
73) Carbazole	17.489	167	2922226	47.362	ng	99
74) Di-n-butylphthalate	18.072	149	3522628	46.080	ng	100
75) Fluoranthene	19.189	202	3495628	45.886	ng	100
77) Benzidine	19.389	184	1601949	40.763	ng	100
78) Pyrene	19.566	202	3666214	46.249	ng	100
80) Butylbenzylphthalate	20.513	149	1686399	46.444	ng	98
81) Benzo(a)anthracene	21.472	228	3780920	46.589	ng	99
82) 3,3'-Dichlorobenzidine	21.395	252	850267	26.391	ng	97
83) Chrysene	21.530	228	3570095	46.428	ng	100
84) Bis(2-ethylhexyl)phtha...	21.407	149	2473280	47.541	ng	99
85) Di-n-octyl phthalate	22.642	149	4412263	48.117	ng	100
87) Indeno(1,2,3-cd)pyrene	28.389	276	5348458	47.356	ng	# 93
88) Benzo(b)fluoranthene	23.713	252	4190360	47.301	ng	100
89) Benzo(k)fluoranthene	23.771	252	4281583	47.480	ng	100
90) Benzo(a)pyrene	24.577	252	4126678	47.699	ng	100
91) Dibenzo(a,h)anthracene	28.465	278	4377382	47.615	ng	99
92) Benzo(g,h,i)perylene	29.553	276	4343110	47.614	ng	99

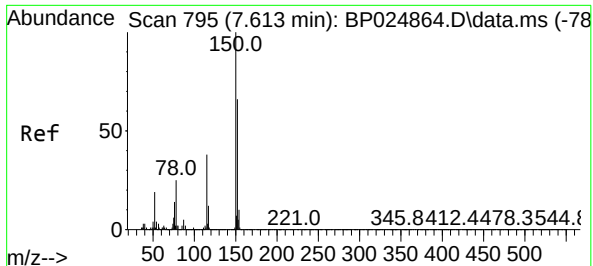
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
PB168323BS

Abundance

TIC: BP024873.D\data.ms

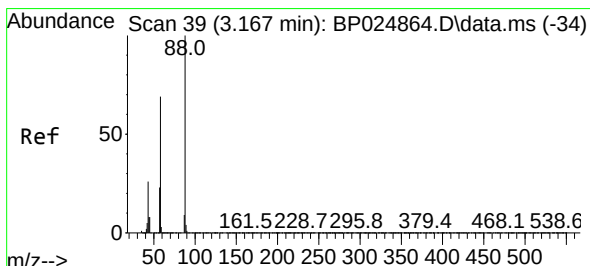
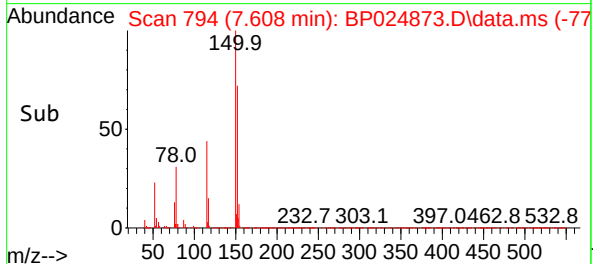
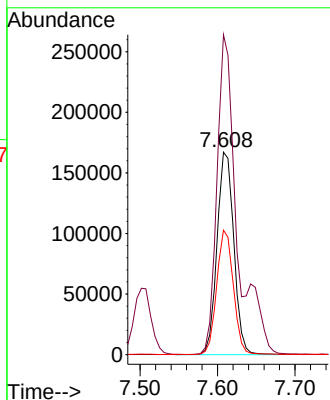
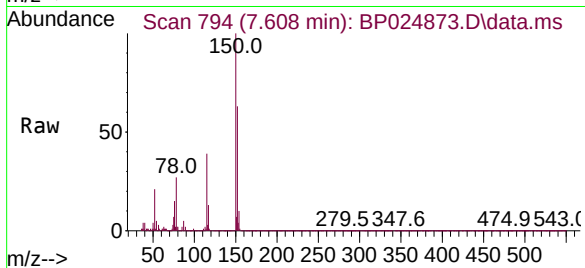
Time-->



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

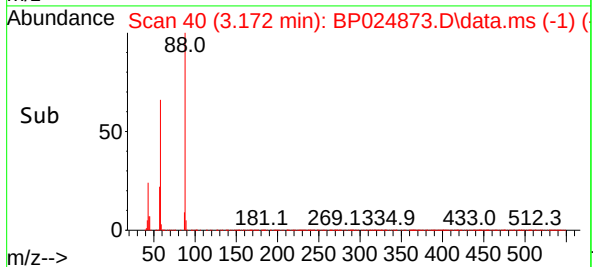
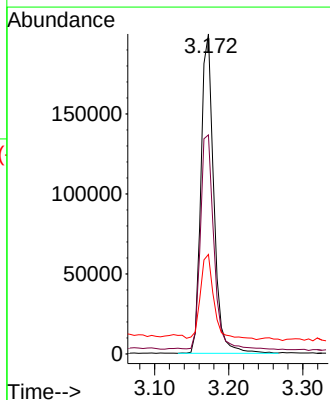
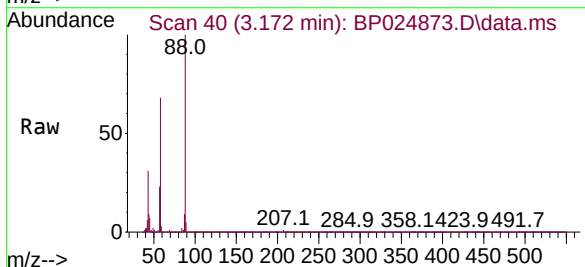
Instrument :
BNA_P
ClientSampleId :
PB168323BS

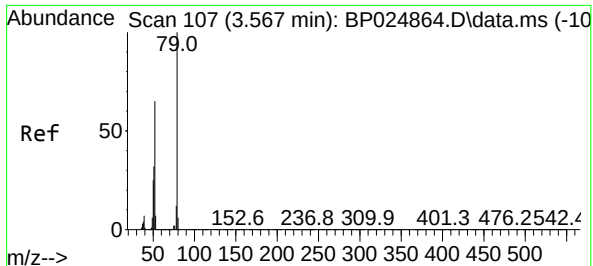
Tgt Ion:152 Resp: 251786
Ion Ratio Lower Upper
152 100
150 158.0 122.1 183.1
115 61.4 46.4 69.6



#2
1,4-Dioxane
Concen: 36.151 ng
RT: 3.172 min Scan# 40
Delta R.T. 0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 88 Resp: 239942
Ion Ratio Lower Upper
88 100
58 71.0 55.4 83.0
43 28.5 20.8 31.2

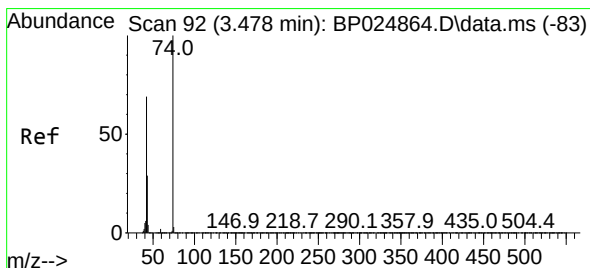
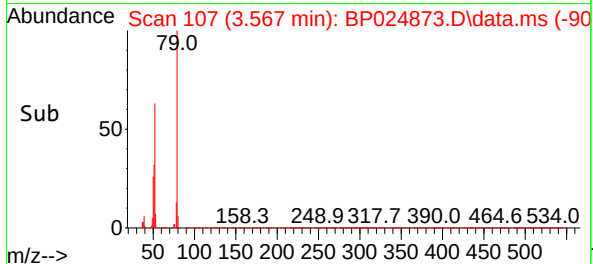
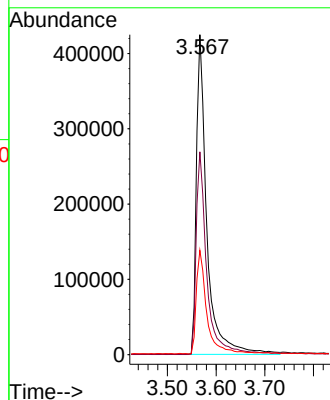
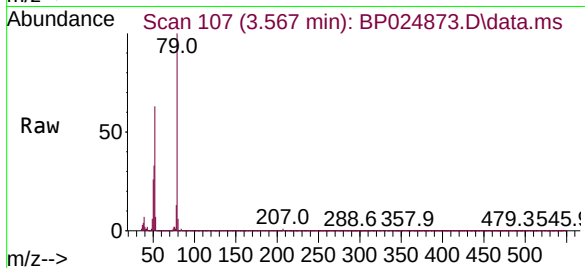




#3
Pyridine
Concen: 39.638 ng
RT: 3.567 min Scan# 107
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

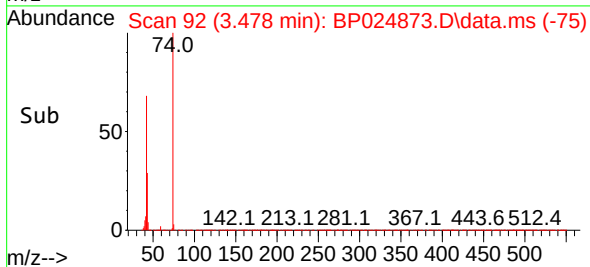
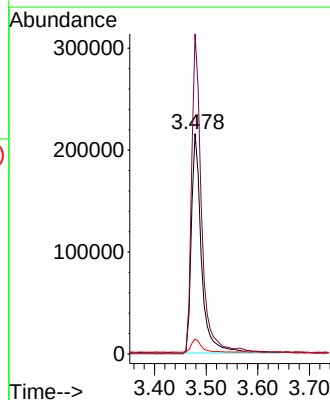
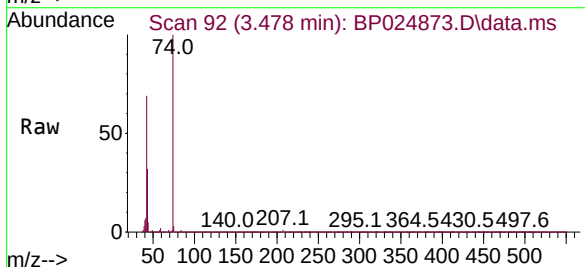
Instrument :
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ClientSampleId :
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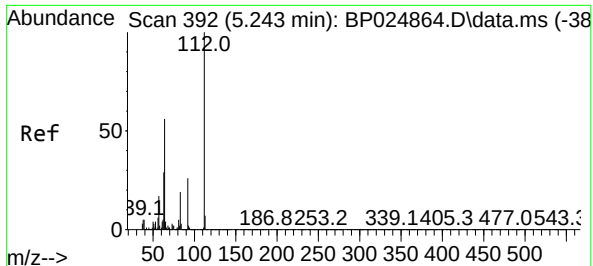
Tgt Ion: 79 Resp: 632702
Ion Ratio Lower Upper
79 100
52 63.4 51.6 77.4
51 32.6 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 45.102 ng
RT: 3.478 min Scan# 92
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 42 Resp: 294319
Ion Ratio Lower Upper
42 100
74 145.3 116.6 174.8
44 6.7 5.4 8.0

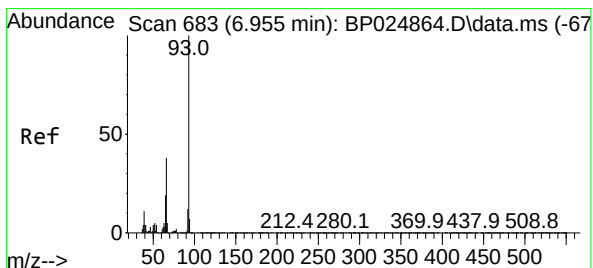
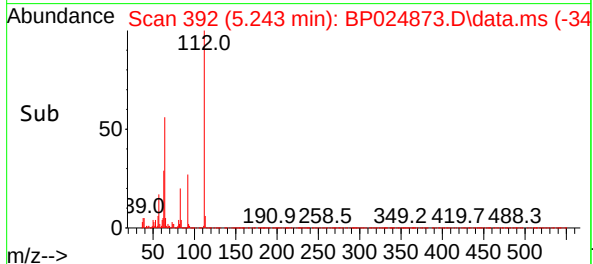
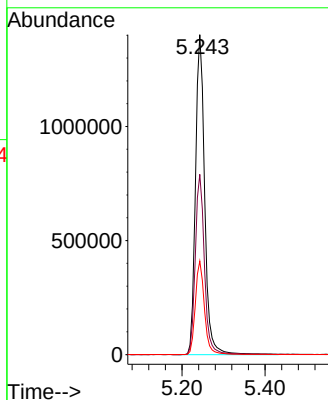
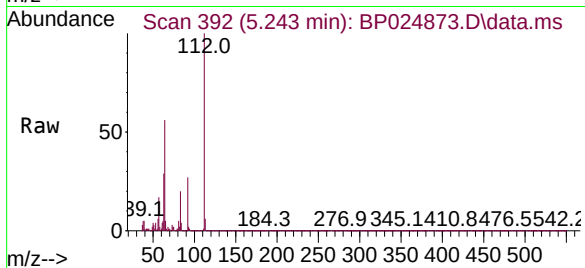




#5
2-Fluorophenol
Concen: 142.554 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

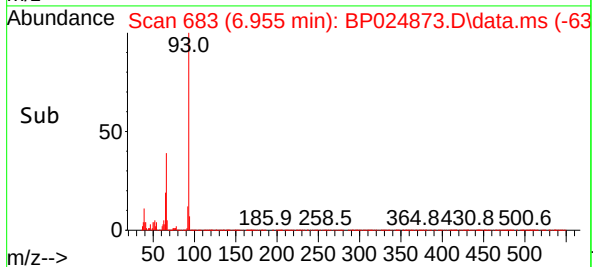
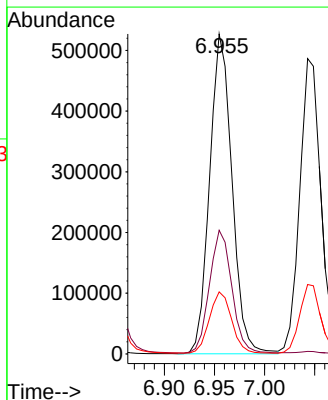
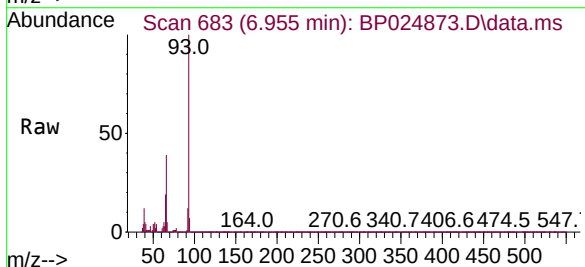
Instrument :
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ClientSampleId :
PB168323BS

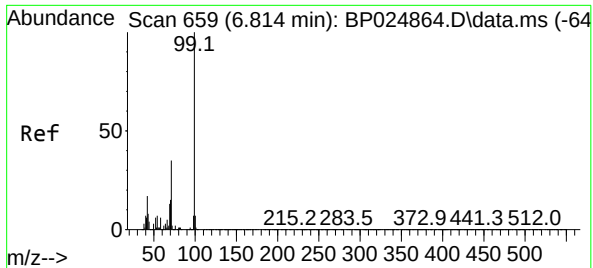
Tgt Ion:112 Resp: 2150315
Ion Ratio Lower Upper
112 100
64 56.3 44.7 67.1
63 29.2 23.5 35.3



#6
Aniline
Concen: 32.074 ng
RT: 6.955 min Scan# 683
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 93 Resp: 816918
Ion Ratio Lower Upper
93 100
66 38.7 30.9 46.3
65 19.4 15.5 23.3

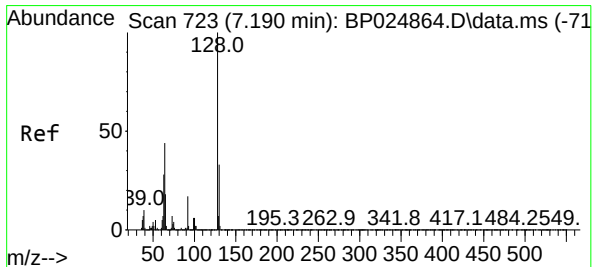
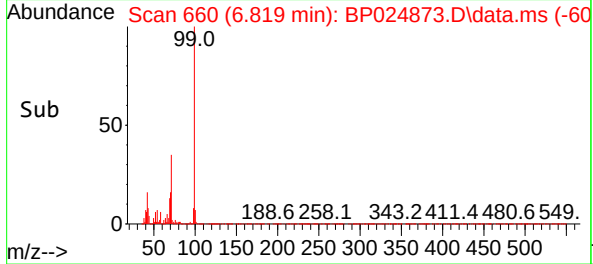
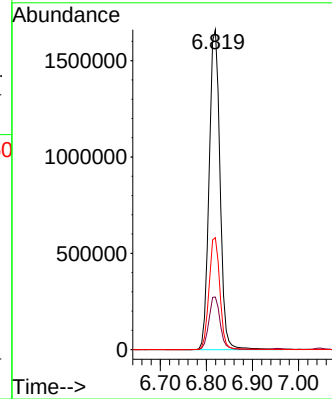
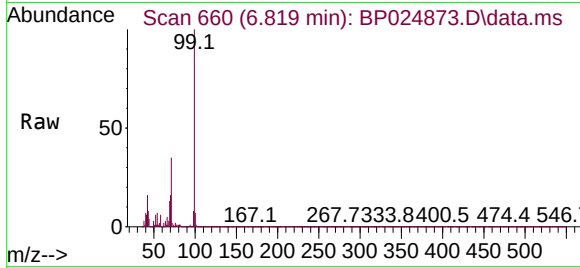




#7
Phenol-d6
Concen: 136.137 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

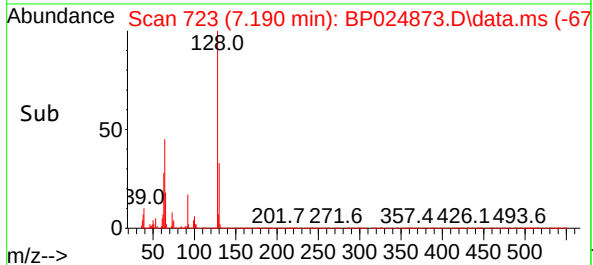
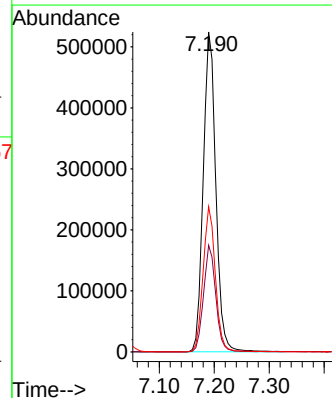
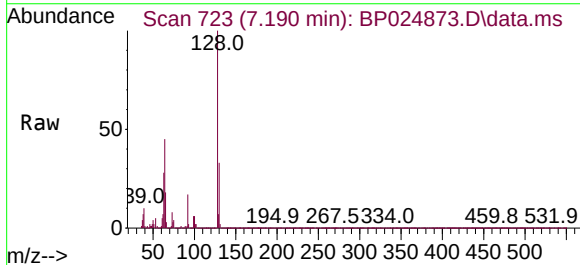
Instrument :
BNA_P
ClientSampleId :
PB168323BS

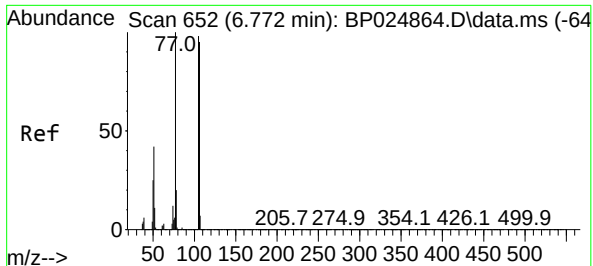
Tgt Ion: 99 Resp: 2717026
Ion Ratio Lower Upper
99 100
42 16.4 13.4 20.2
71 35.0 27.6 41.4



#8
2-Chlorophenol
Concen: 48.694 ng
RT: 7.190 min Scan# 723
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 128 Resp: 832660
Ion Ratio Lower Upper
128 100
130 33.3 12.6 52.6
64 45.4 24.1 64.1

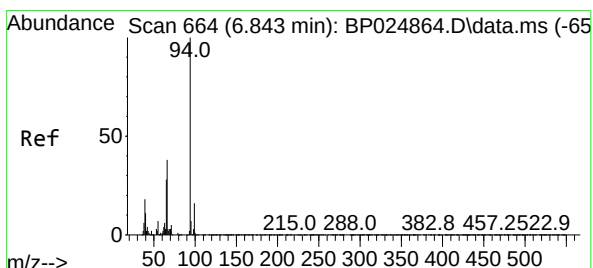
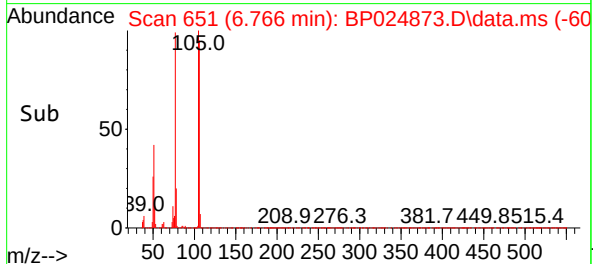
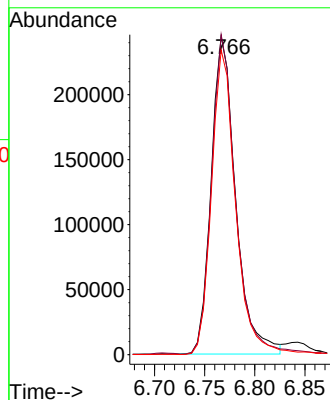
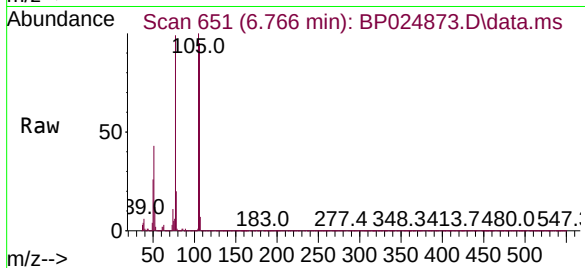




#9
Benzaldehyde
Concen: 36.042 ng
RT: 6.766 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

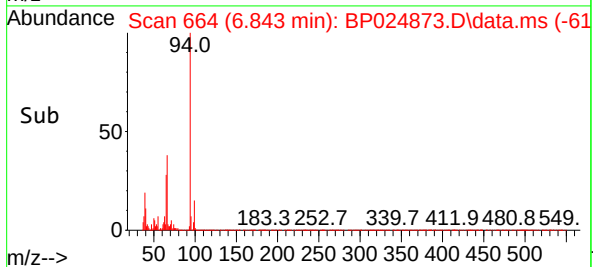
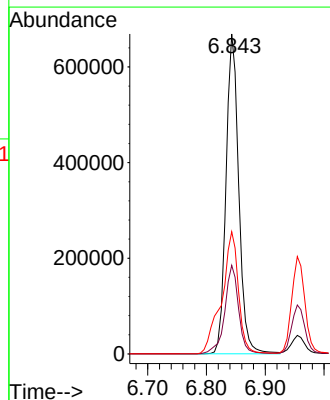
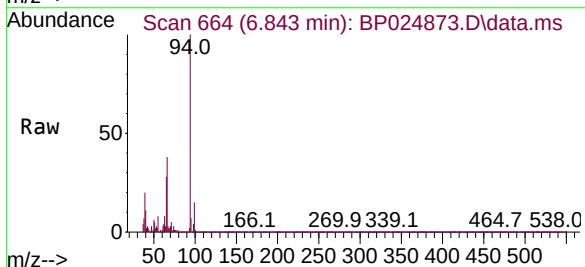
Instrument :
BNA_P
ClientSampleId :
PB168323BS

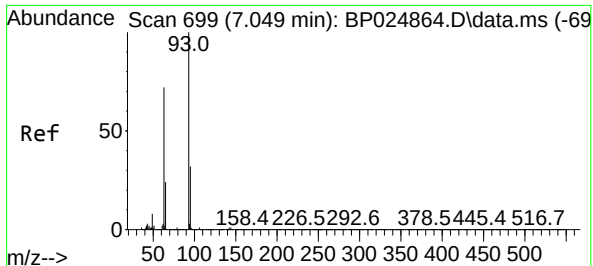
Tgt Ion: 77 Resp: 414614
Ion Ratio Lower Upper
77 100
105 100.6 77.7 117.7
106 95.7 74.8 114.8



#10
Phenol
Concen: 49.021 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 94 Resp: 1008585
Ion Ratio Lower Upper
94 100
65 27.7 8.3 48.3
66 38.2 18.2 58.2

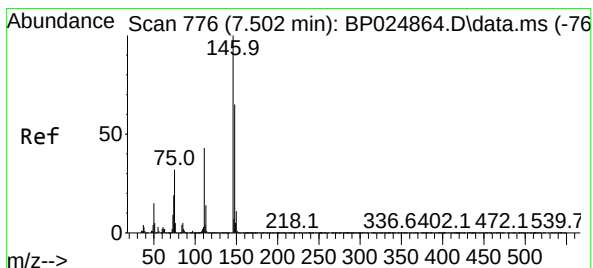
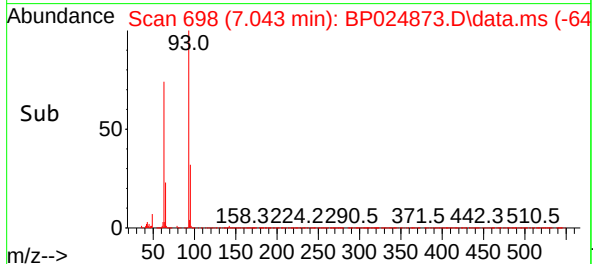
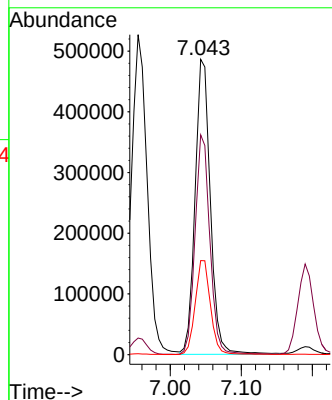
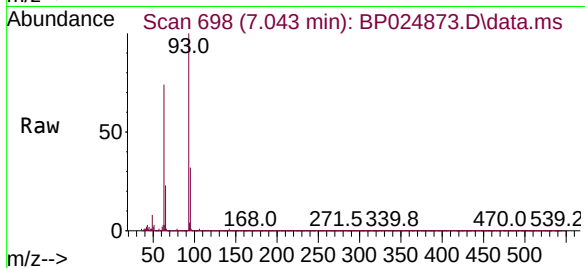




#11
bis(2-Chloroethyl)ether
Concen: 44.889 ng
RT: 7.043 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

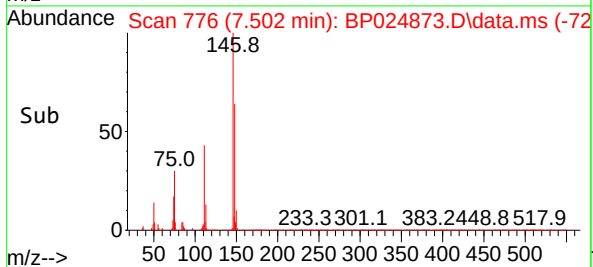
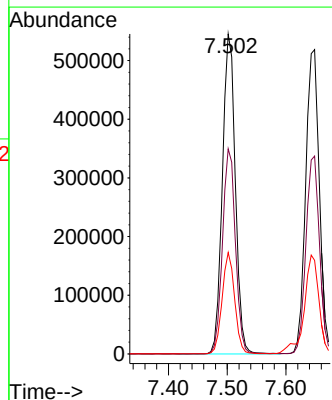
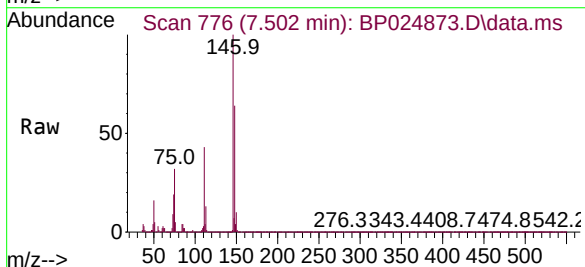
Instrument :
BNA_P
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PB168323BS

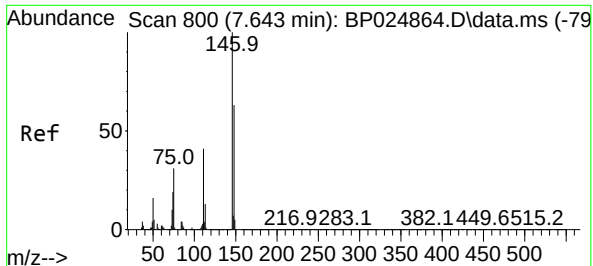
Tgt Ion: 93 Resp: 726397
Ion Ratio Lower Upper
93 100
63 74.4 51.6 91.6
95 31.8 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 43.703 ng
RT: 7.502 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 146 Resp: 833695
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
75 31.7 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 43.687 ng

RT: 7.649 min Scan# 80

Delta R.T. 0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

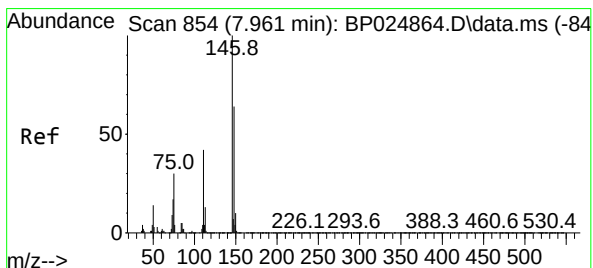
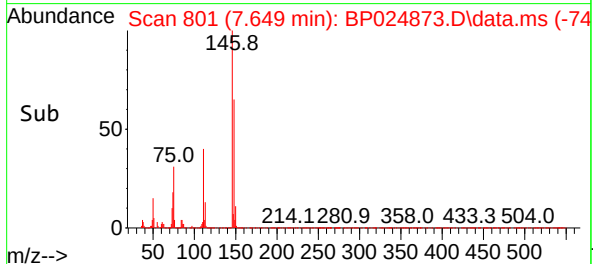
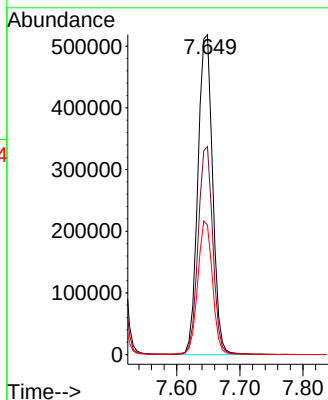
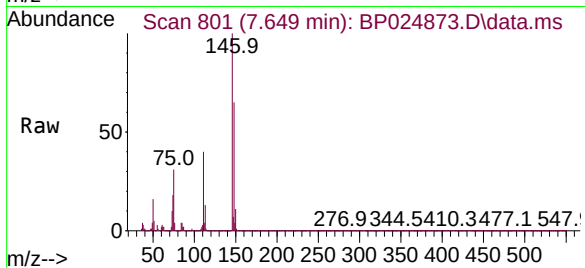
Tgt Ion:146 Resp: 840877

Ion Ratio Lower Upper

146 100

148 65.0 50.8 76.2

111 40.4 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 43.460 ng

RT: 7.955 min Scan# 853

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

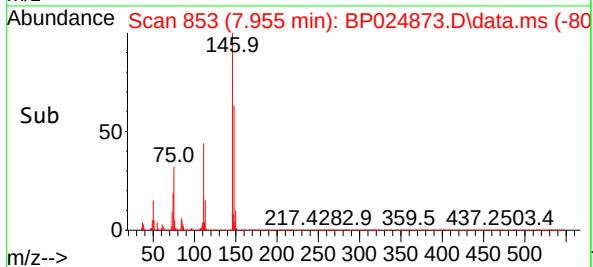
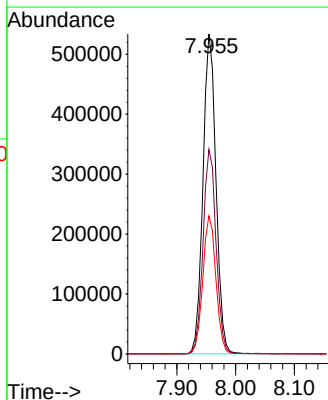
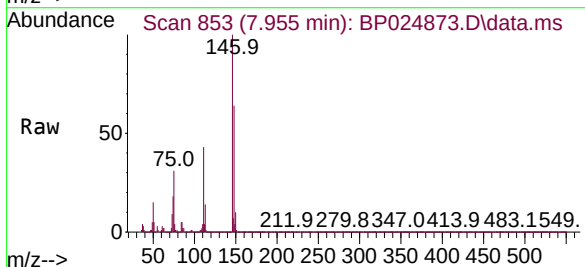
Tgt Ion:146 Resp: 821435

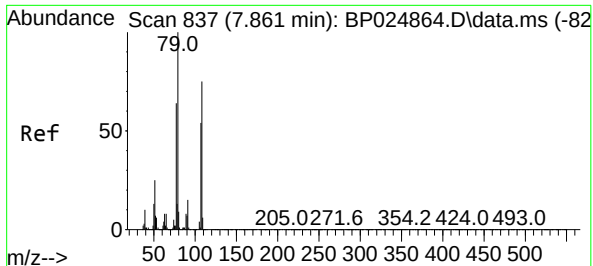
Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.4

111 43.1 33.8 50.8

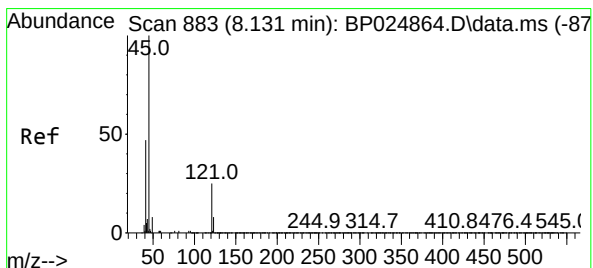
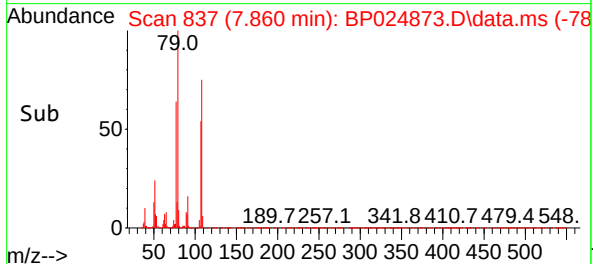
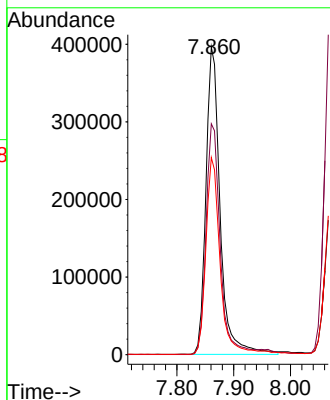
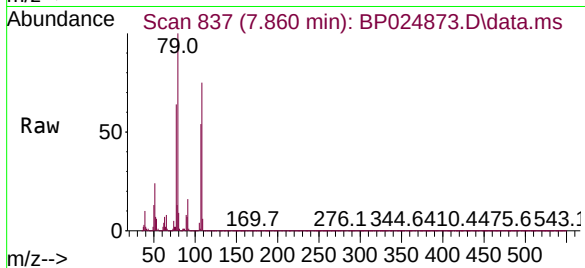




#15
Benzyl Alcohol
Concen: 45.133 ng
RT: 7.860 min Scan# 837
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

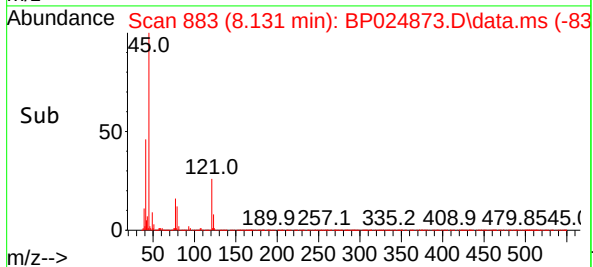
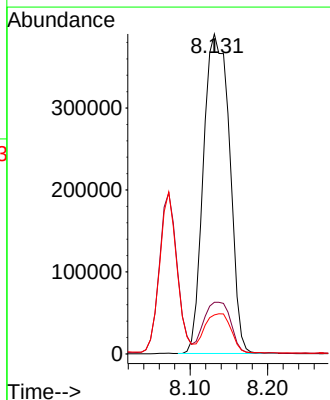
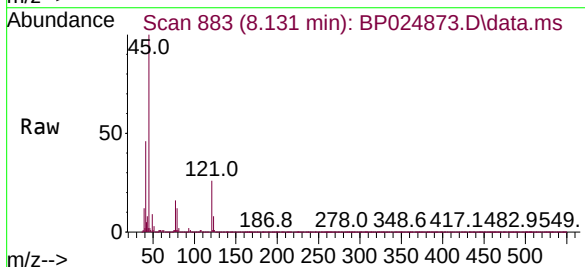
Instrument :
BNA_P
ClientSampleId :
PB168323BS

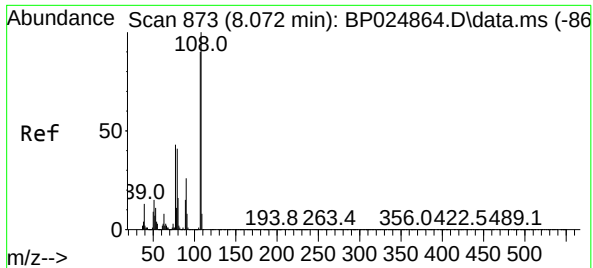
Tgt Ion: 79 Resp: 691313
Ion Ratio Lower Upper
79 100
108 75.0 60.2 90.4
77 64.0 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.060 ng
RT: 8.131 min Scan# 883
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 45 Resp: 912010
Ion Ratio Lower Upper
45 100
77 16.1 0.0 36.3
79 12.2 0.0 32.2

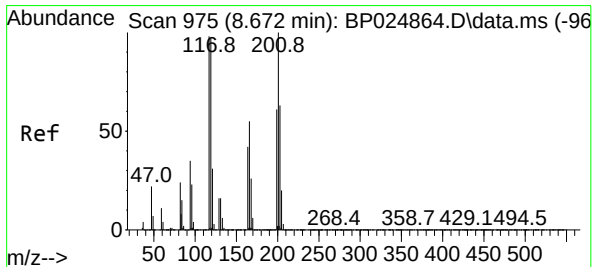
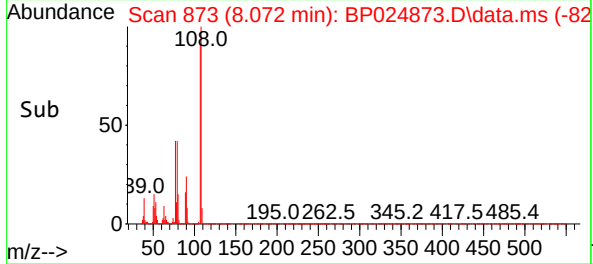
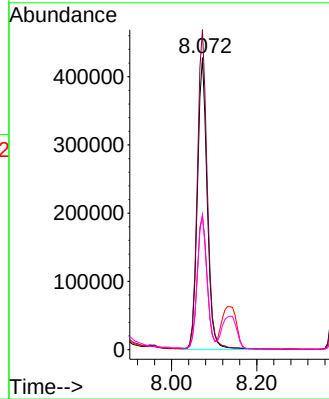
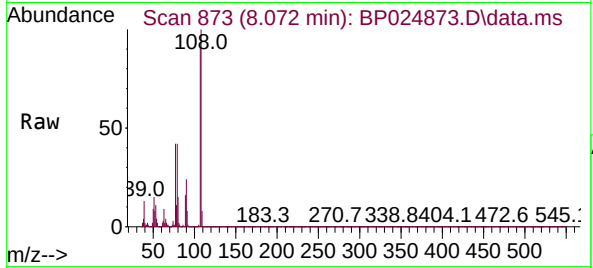




#17
2-Methylphenol
Concen: 47.420 ng
RT: 8.072 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

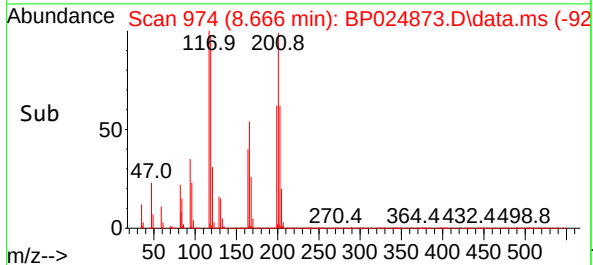
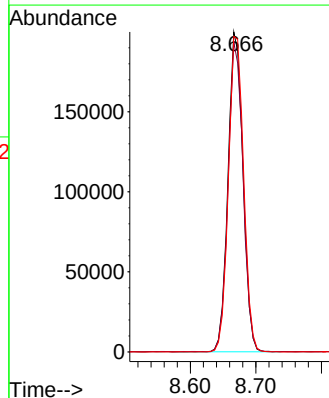
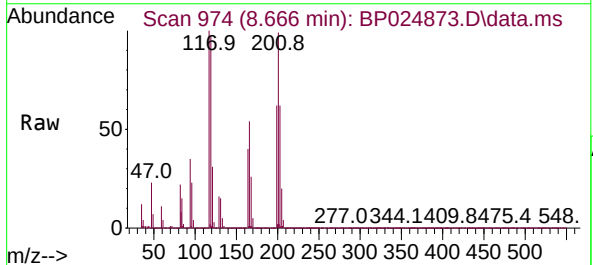
Instrument :
BNA_P
ClientSampleId :
PB168323BS

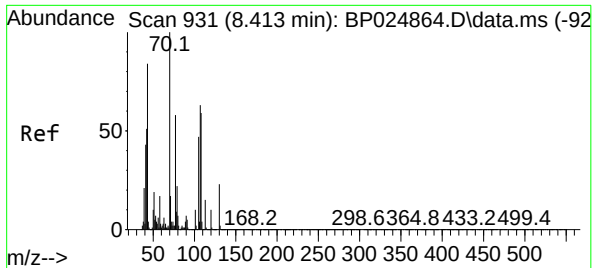
Tgt Ion:107 Resp: 681305
Ion Ratio Lower Upper
107 100
108 109.6 88.6 132.8
77 46.0 38.5 57.7
79 46.2 37.0 55.6



#18
Hexachloroethane
Concen: 43.819 ng
RT: 8.666 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:117 Resp: 317537
Ion Ratio Lower Upper
117 100
119 96.8 79.4 119.2
201 98.6 81.4 122.2





#19

n-Nitroso-di-n-propylamine

Concen: 41.901 ng

RT: 8.413 min Scan# 931

Delta R.T. -0.000 min

Lab File: BP024873.D

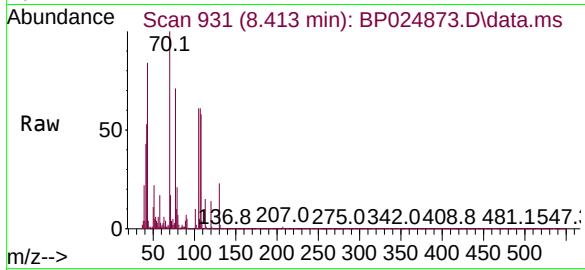
Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS



Tgt Ion: 70 Resp: 568500

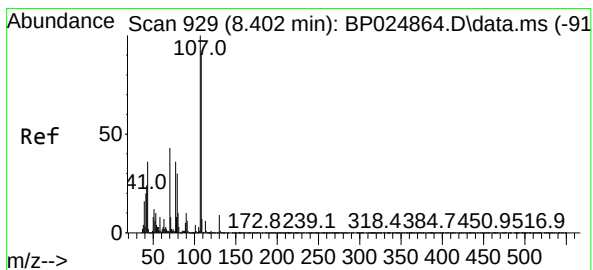
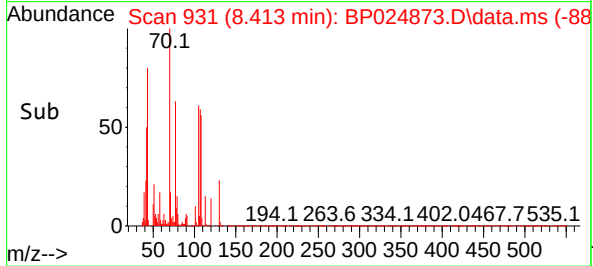
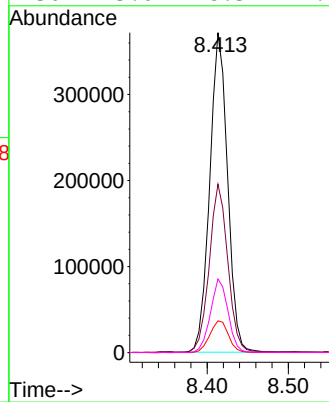
Ion Ratio Lower Upper

70 100

42 52.6 41.2 61.8

101 9.9 8.3 12.5

130 23.0 18.3 27.5



#20

3+4-Methylphenols

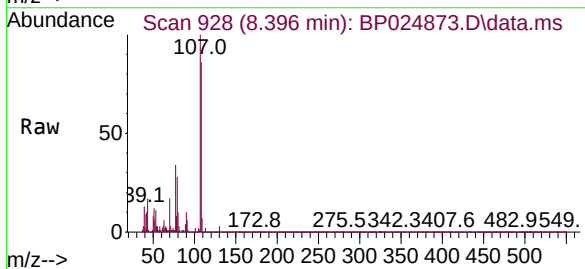
Concen: 46.681 ng

RT: 8.396 min Scan# 928

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05



Tgt Ion: 107 Resp: 915040

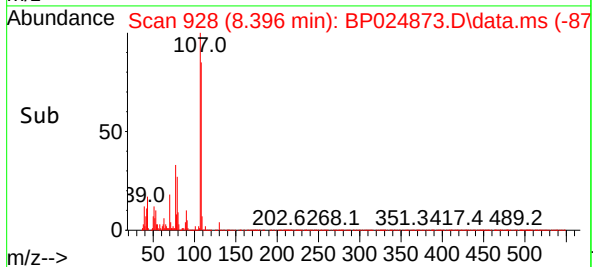
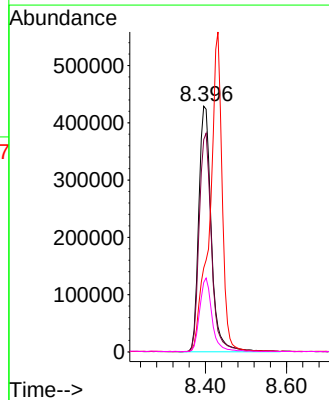
Ion Ratio Lower Upper

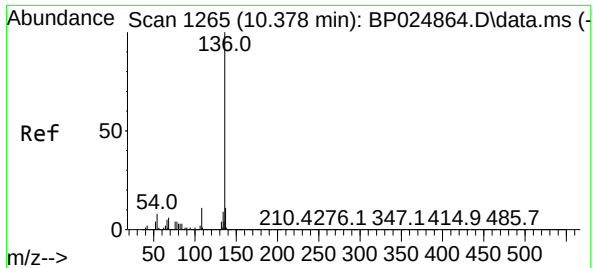
107 100

108 86.4 70.7 110.7

77 34.2 16.6 56.6

79 28.3 10.0 50.0

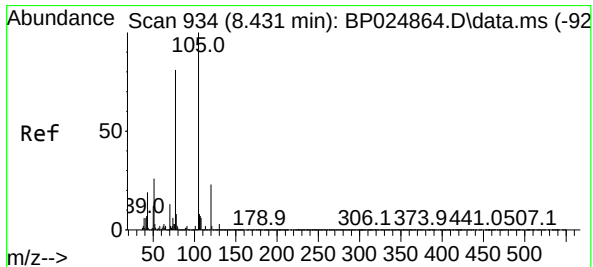
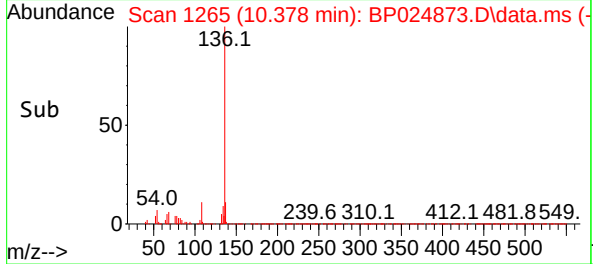
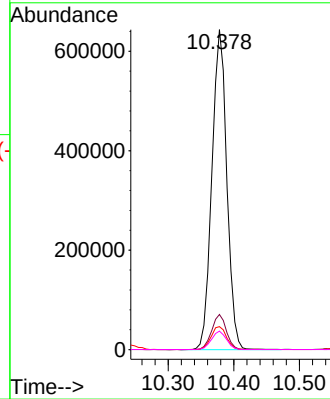
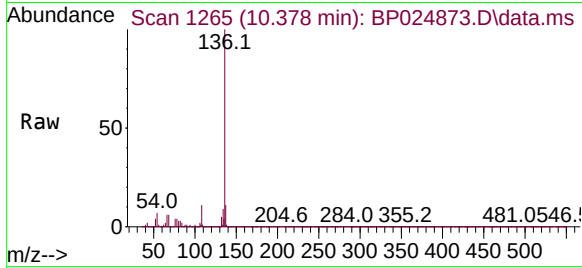




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

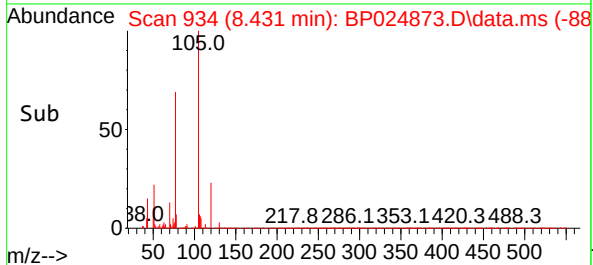
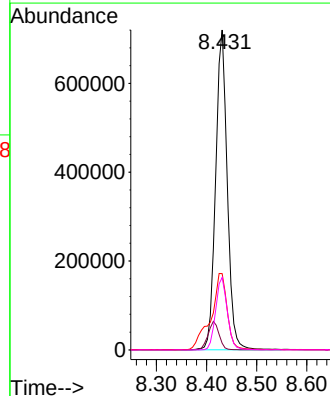
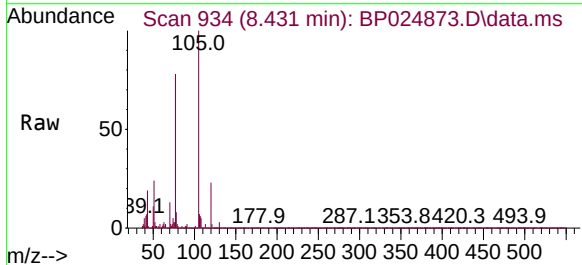
Instrument :
BNA_P
ClientSampleId :
PB168323BS

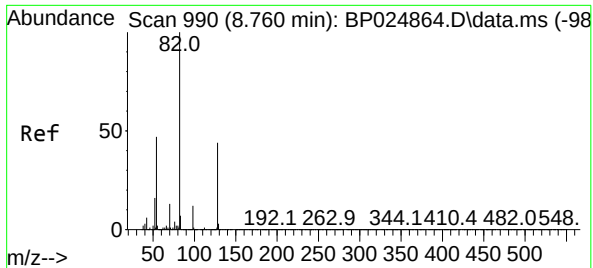
Tgt Ion:136 Resp: 1016039
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.2 6.1 9.1
68 5.8 4.6 7.0



#22
Acetophenone
Concen: 45.221 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:105 Resp: 1160850
Ion Ratio Lower Upper
105 100
71 2.1 1.6 2.4
51 23.8 20.6 31.0
120 22.6 18.2 27.4





#23

Nitrobenzene-d5

Concen: 79.445 ng

RT: 8.760 min Scan# 990

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

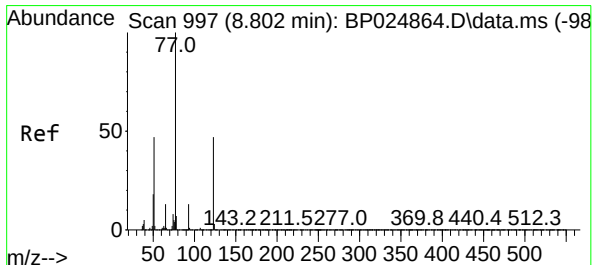
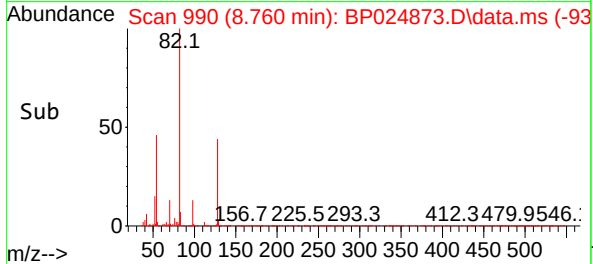
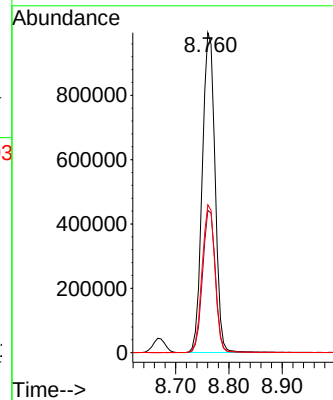
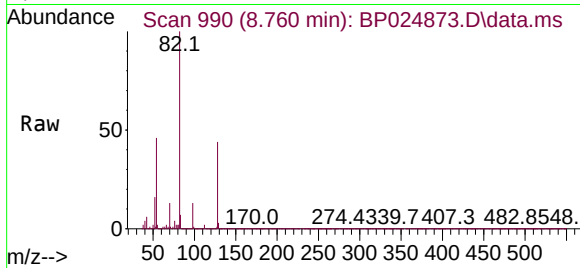
BNA_P

ClientSampleId :

PB168323BS

Tgt Ion: 82 Resp: 1661117

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.3	52.9
54	46.2	37.4	56.0



#24

Nitrobenzene

Concen: 46.259 ng

RT: 8.802 min Scan# 997

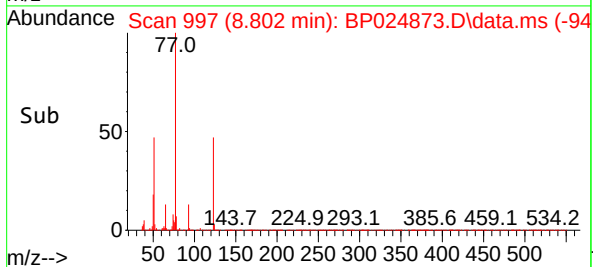
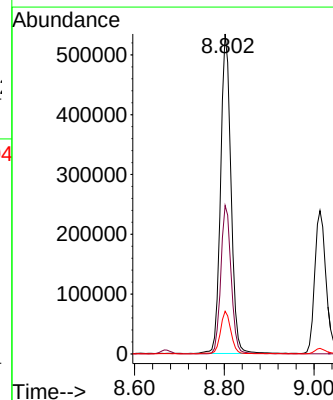
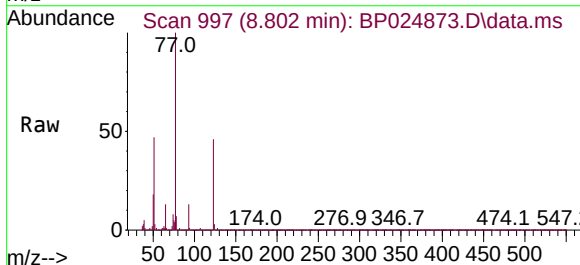
Delta R.T. -0.000 min

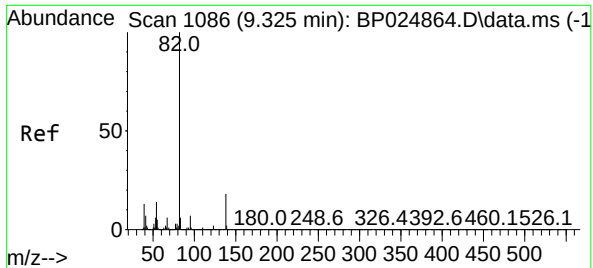
Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Tgt Ion: 77 Resp: 859288

Ion	Ratio	Lower	Upper
77	100		
123	46.4	37.3	55.9
65	13.4	10.8	16.2





#25

Isophorone

Concen: 43.167 ng

RT: 9.325 min Scan# 1086

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

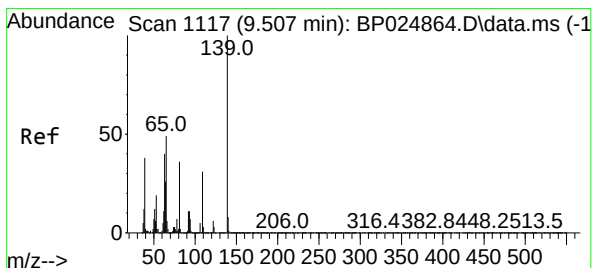
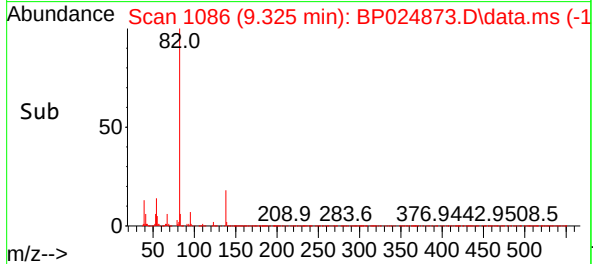
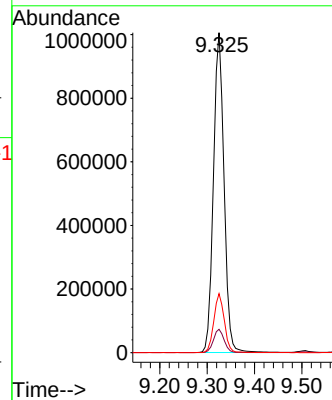
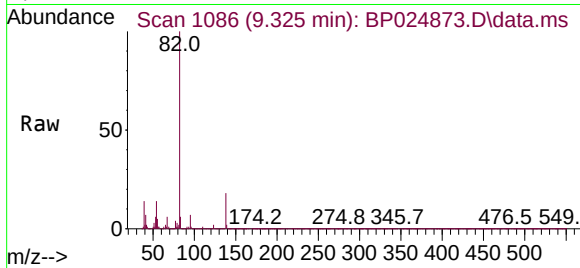
BNA_P

ClientSampleId :

PB168323BS

Tgt Ion: 82 Resp: 1564267

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.9	8.9
138	18.4	14.6	21.8



#26

2-Nitrophenol

Concen: 47.343 ng

RT: 9.507 min Scan# 1117

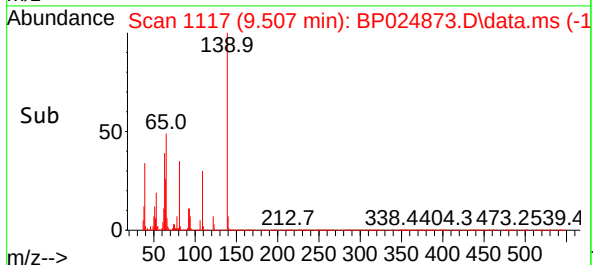
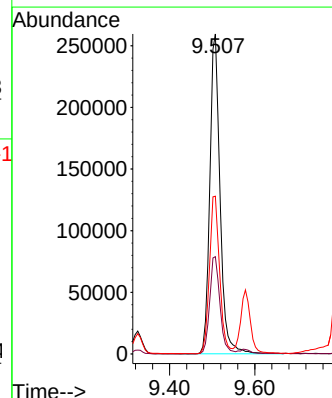
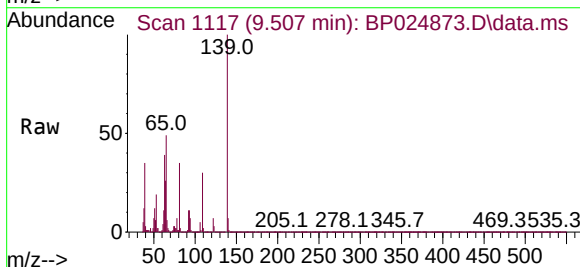
Delta R.T. -0.000 min

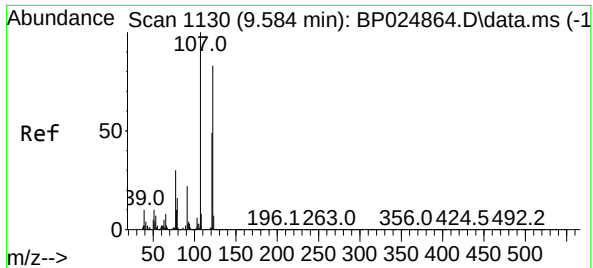
Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Tgt Ion: 139 Resp: 433908

Ion	Ratio	Lower	Upper
139	100		
109	30.4	24.6	37.0
65	49.3	39.5	59.3





#27

2,4-Dimethylphenol

Concen: 48.094 ng

RT: 9.578 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

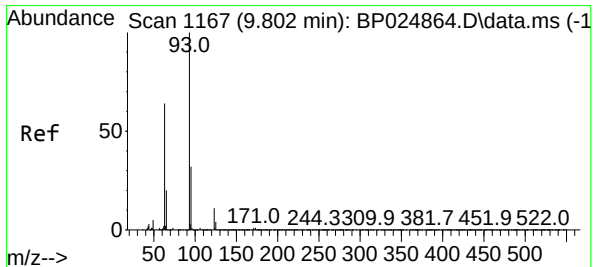
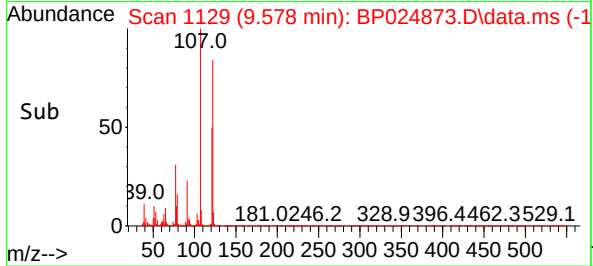
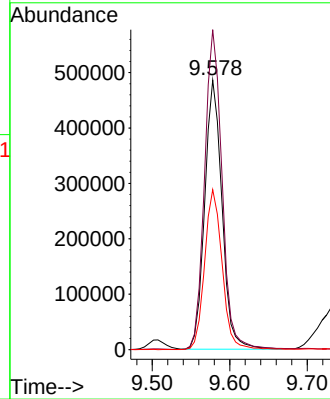
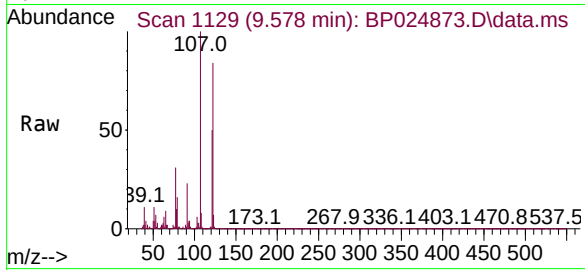
Tgt Ion:122 Resp: 754390

Ion Ratio Lower Upper

122 100

107 118.7 96.2 144.4

121 59.3 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 45.227 ng

RT: 9.796 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

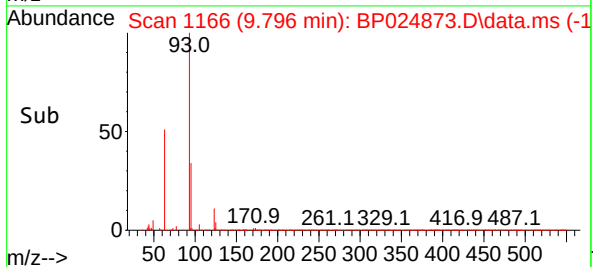
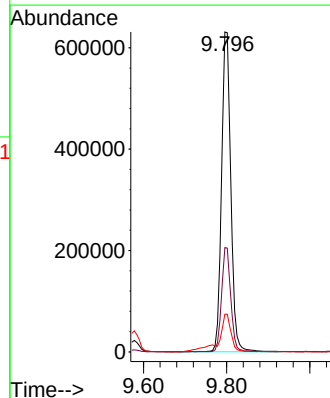
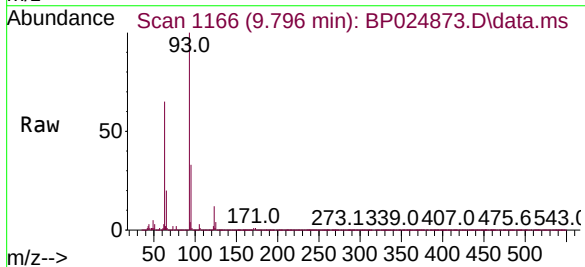
Tgt Ion: 93 Resp: 977653

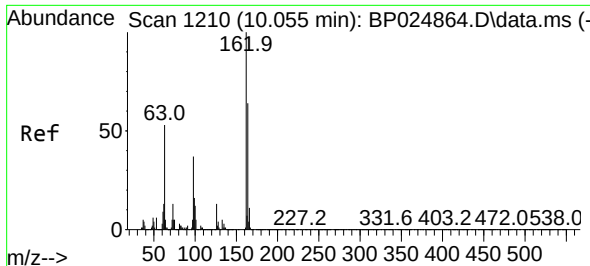
Ion Ratio Lower Upper

93 100

95 32.6 25.5 38.3

123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 49.263 ng

RT: 10.054 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

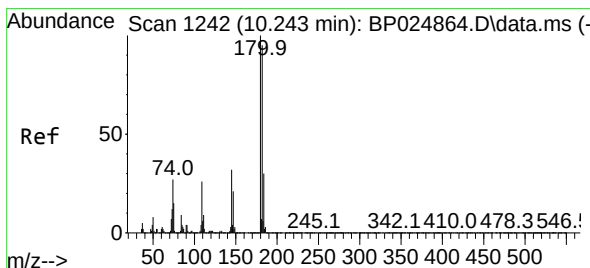
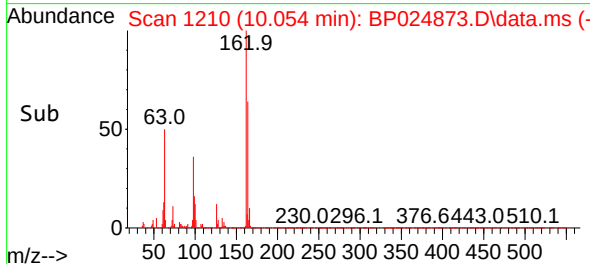
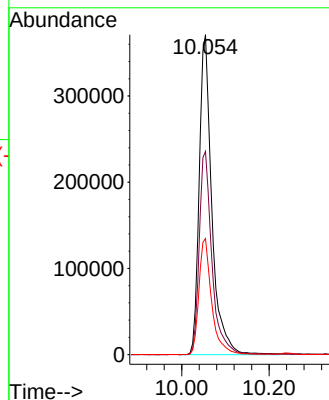
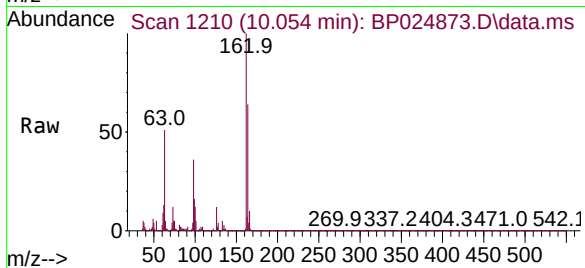
Tgt Ion:162 Resp: 741425

Ion Ratio Lower Upper

162 100

164 63.5 44.0 84.0

98 36.3 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 44.582 ng

RT: 10.243 min Scan# 1242

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

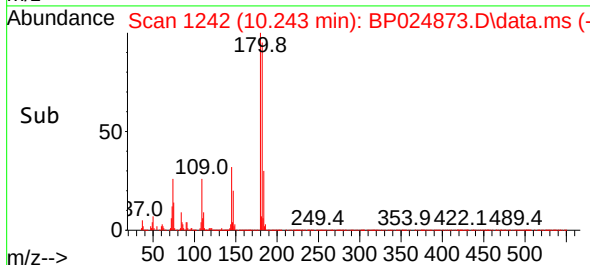
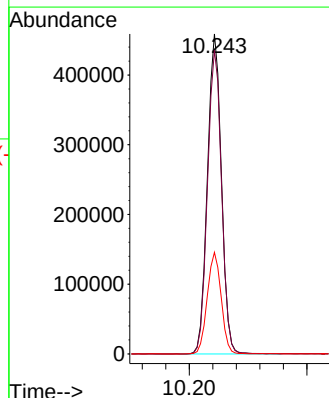
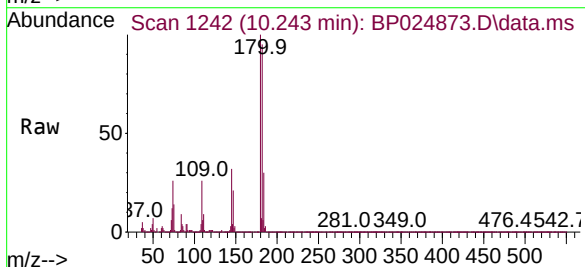
Tgt Ion:180 Resp: 756797

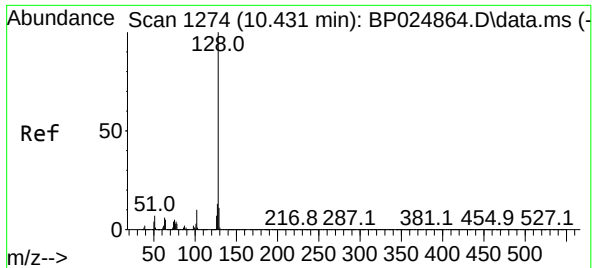
Ion Ratio Lower Upper

180 100

182 94.9 75.8 113.6

145 31.7 25.7 38.5

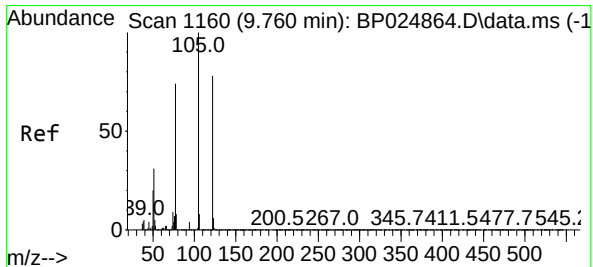
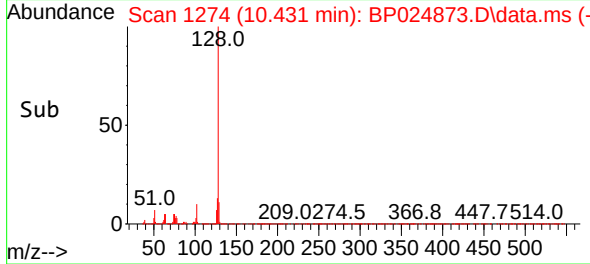
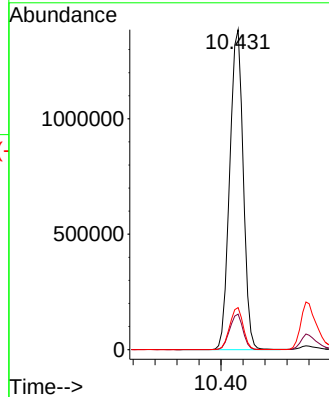
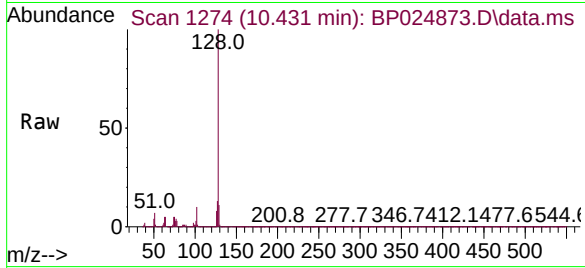




#31
Naphthalene
Concen: 45.301 ng
RT: 10.431 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

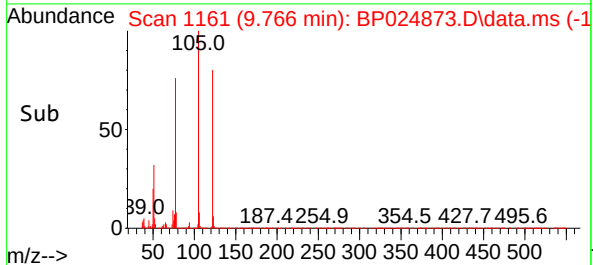
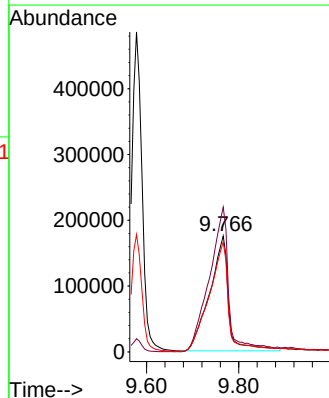
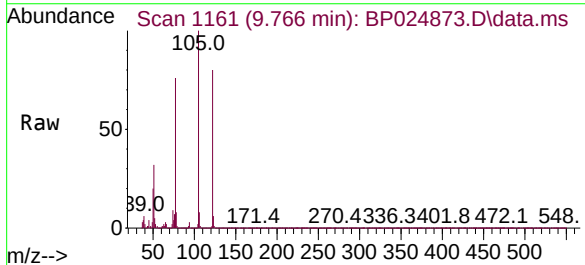
Instrument :
BNA_P
ClientSampleId :
PB168323BS

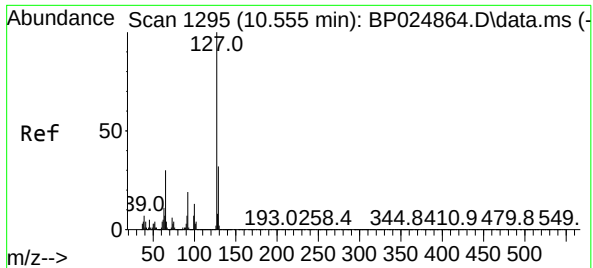
Tgt Ion:128 Resp: 2358732
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 47.349 ng
RT: 9.766 min Scan# 1161
Delta R.T. 0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:122 Resp: 501882
Ion Ratio Lower Upper
122 100
105 125.0 107.1 147.1
77 94.7 75.1 115.1

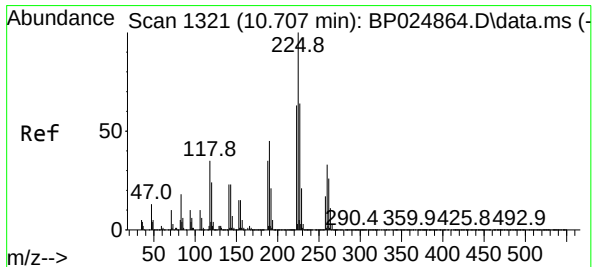
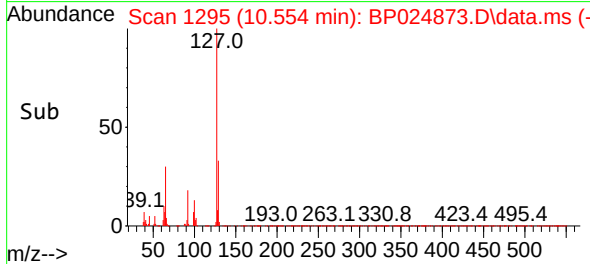
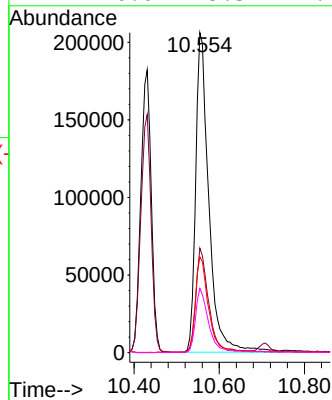
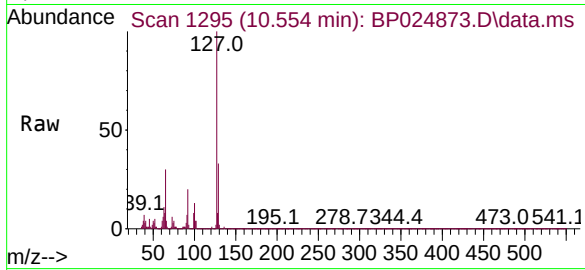




#33
4-Chloroaniline
Concen: 20.314 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

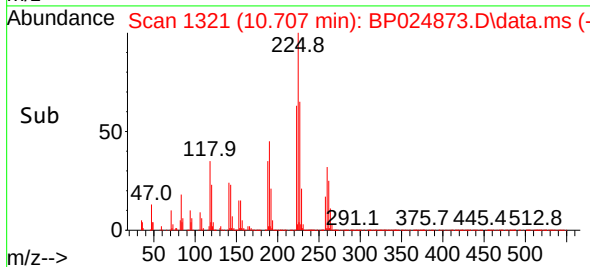
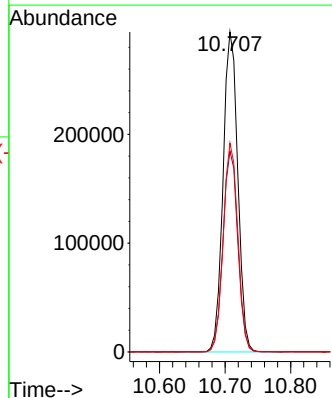
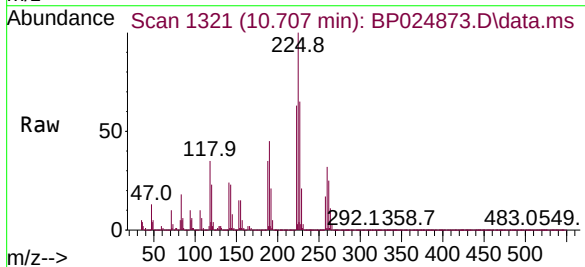
Instrument :
BNA_P
ClientSampleId :
PB168323BS

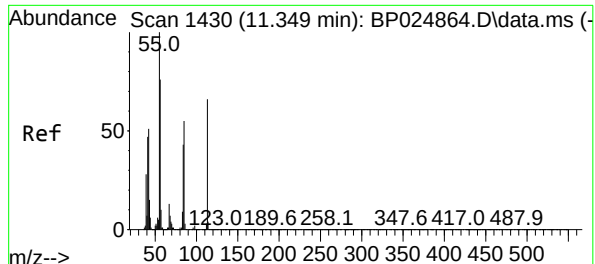
Tgt Ion:	127	Resp:	443141
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	29.9	23.9	35.9
92	20.0	15.3	22.9



#34
Hexachlorobutadiene
Concen: 44.873 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:	225	Resp:	459112
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.5	75.7
227	65.2	51.4	77.2





#35

Caprolactam

Concen: 45.658 ng

RT: 11.349 min Scan# 1430

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

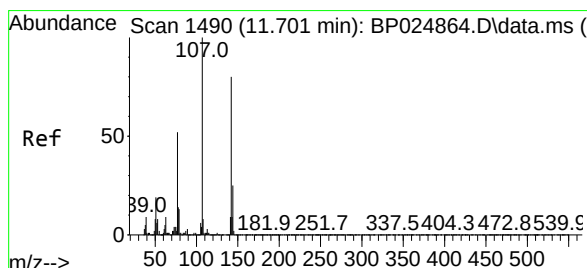
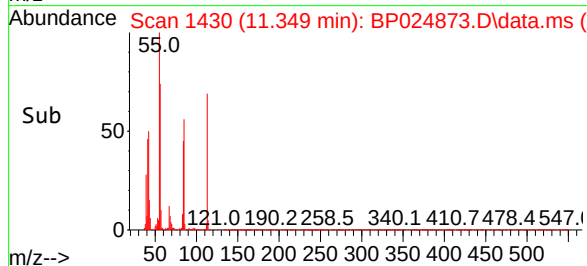
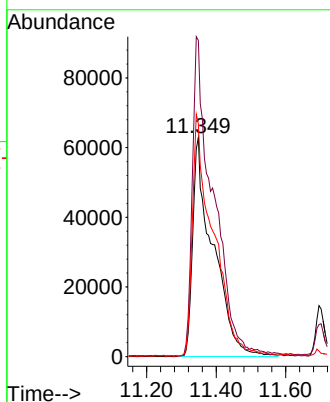
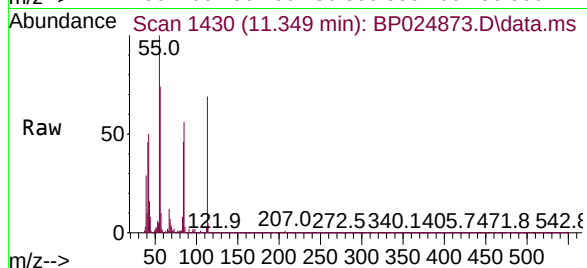
Tgt Ion:113 Resp: 252952

Ion Ratio Lower Upper

113 100

55 144.3 132.5 172.5

56 106.2 96.0 136.0



#36

4-Chloro-3-methylphenol

Concen: 47.292 ng

RT: 11.696 min Scan# 1489

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

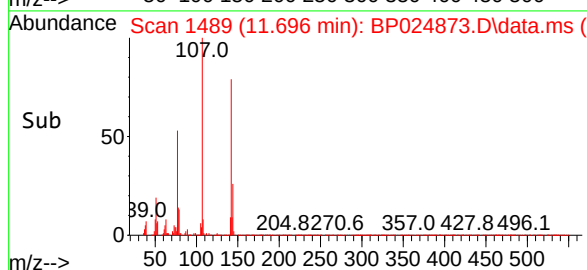
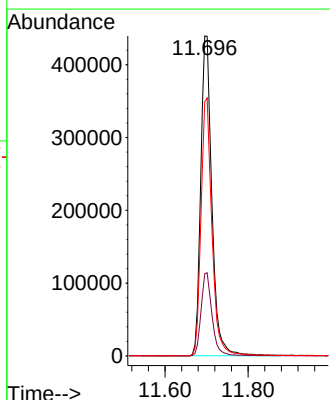
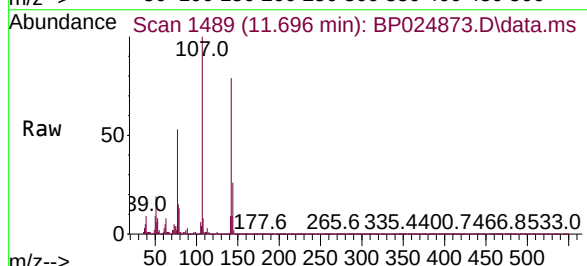
Tgt Ion:107 Resp: 820968

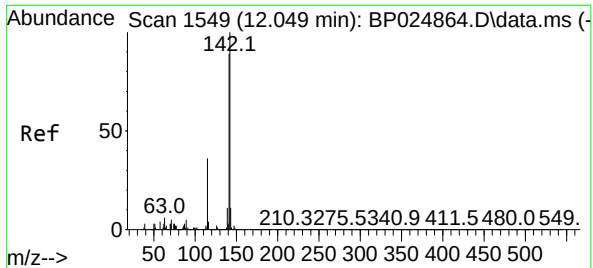
Ion Ratio Lower Upper

107 100

144 25.7 20.4 30.6

142 79.4 63.8 95.6

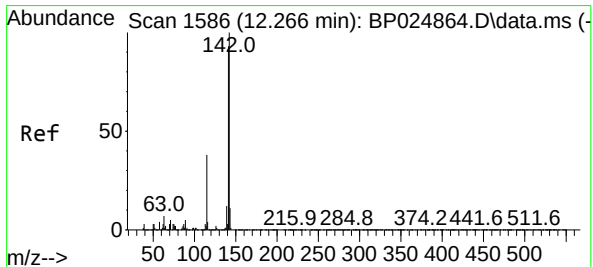
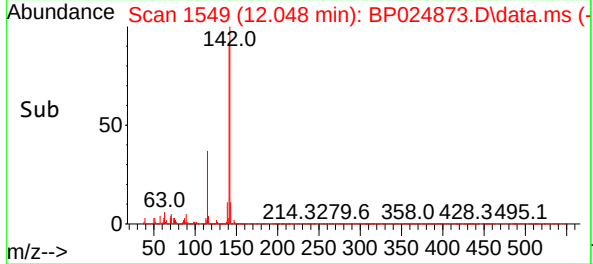
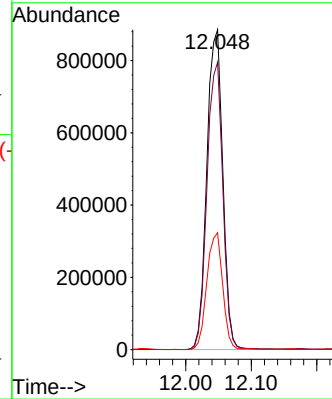
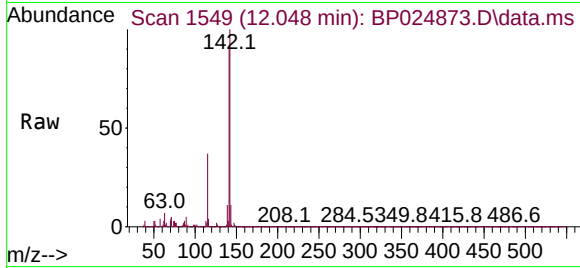




#37
2-Methylnaphthalene
Concen: 45.048 ng
RT: 12.048 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

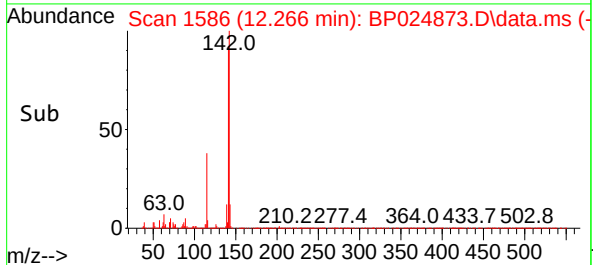
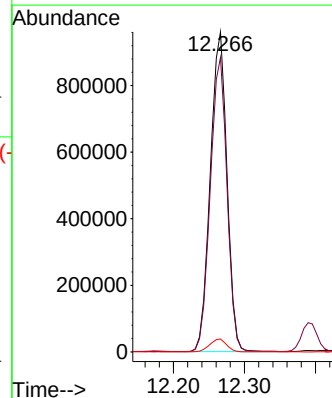
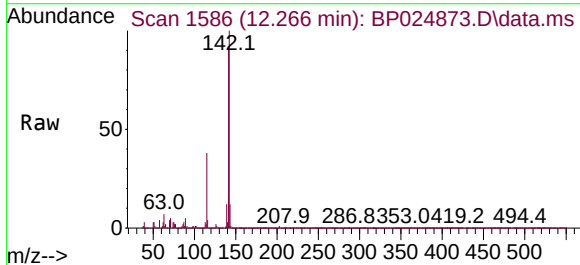
Instrument :
BNA_P
ClientSampleId :
PB168323BS

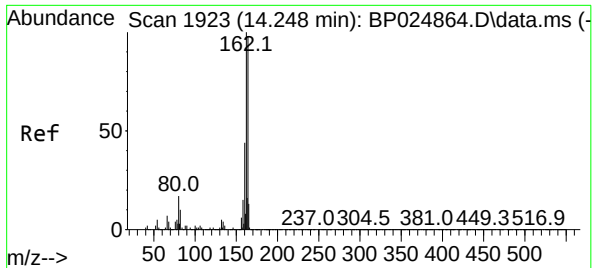
Tgt Ion:142 Resp: 1487861
Ion Ratio Lower Upper
142 100
141 89.8 71.2 106.8
115 36.5 28.5 42.7



#38
1-Methylnaphthalene
Concen: 44.203 ng
RT: 12.266 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:142 Resp: 1560851
Ion Ratio Lower Upper
142 100
141 92.0 74.7 112.1
116 4.0 3.4 5.0

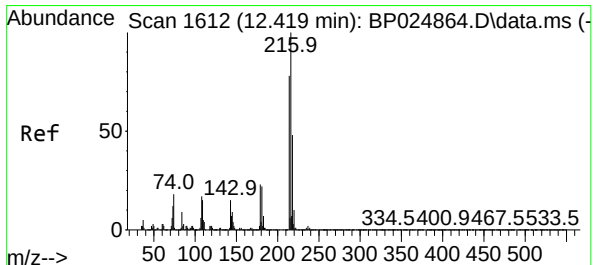
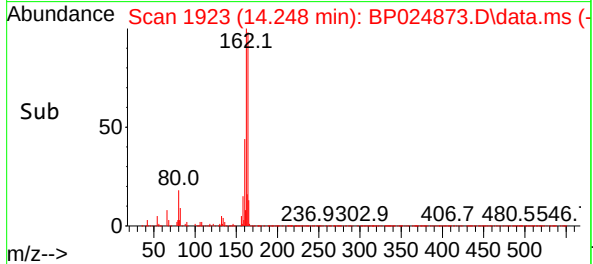
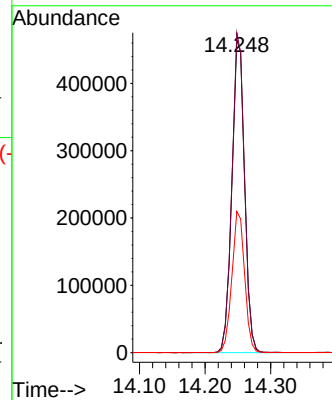
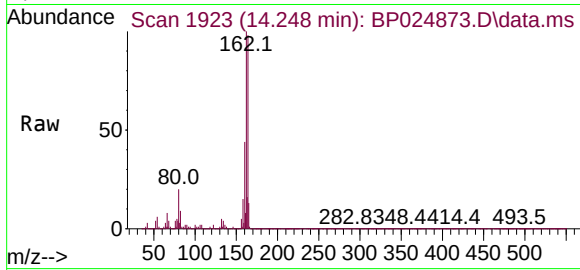




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

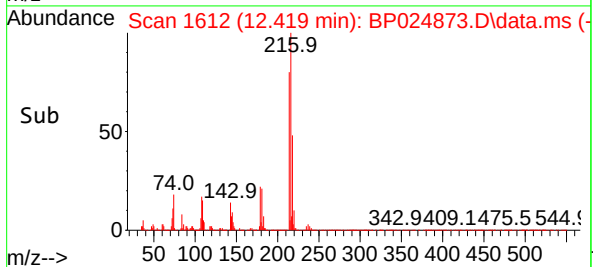
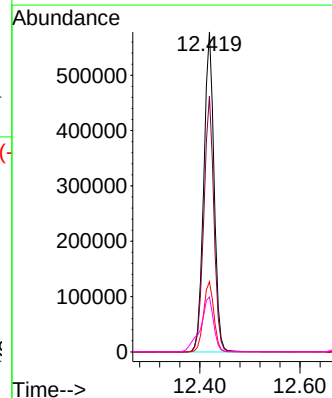
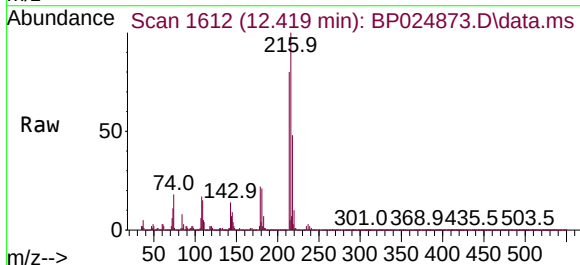
Instrument :
BNA_P
ClientSampleId :
PB168323BS

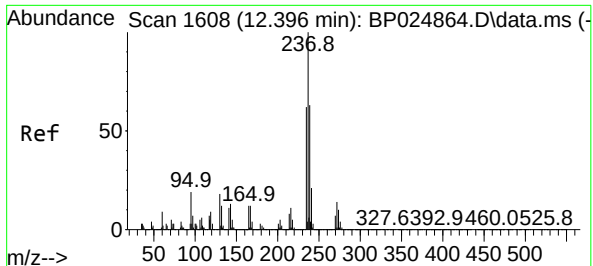
Tgt Ion:164 Resp: 628283
Ion Ratio Lower Upper
164 100
162 102.3 81.6 122.4
160 45.1 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.112 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:216 Resp: 822077
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.4
179 22.2 17.8 26.6
108 21.8 15.9 23.9

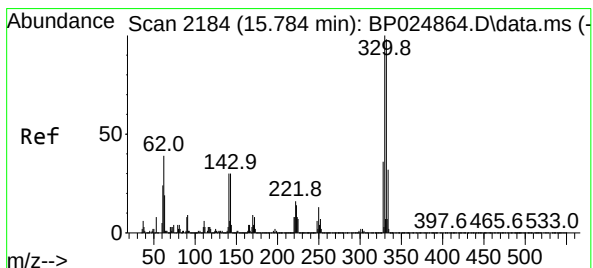
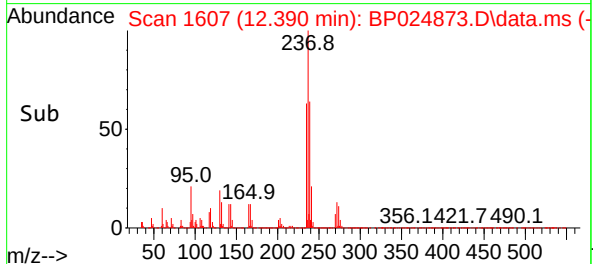
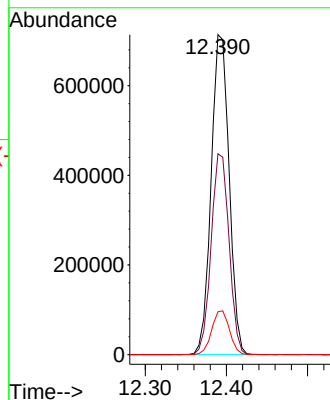
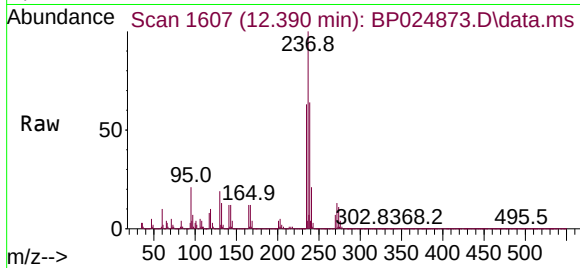




#41
Hexachlorocyclopentadiene
Concen: 100.954 ng
RT: 12.390 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

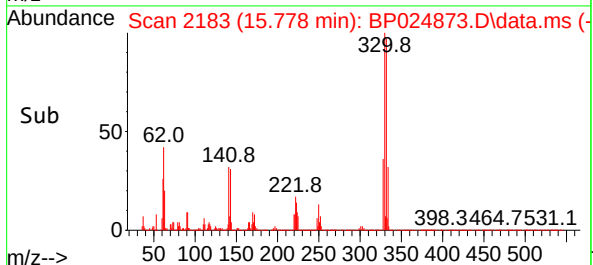
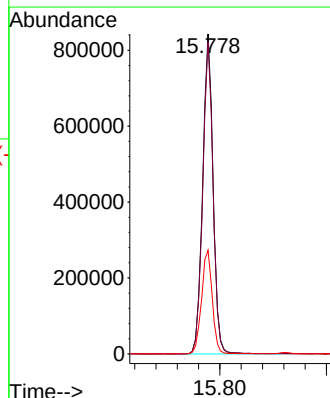
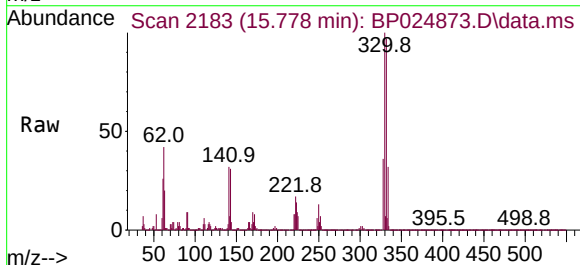
Instrument :
BNA_P
ClientSampleId :
PB168323BS

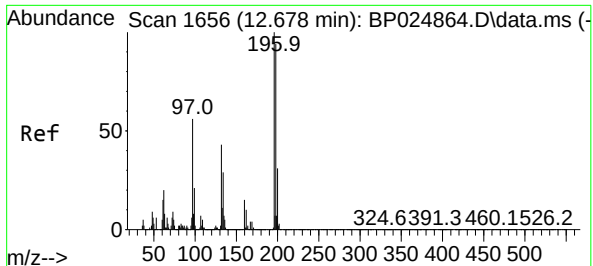
Tgt Ion:237 Resp: 1097762
Ion Ratio Lower Upper
237 100
235 62.8 41.9 81.9
272 13.4 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 131.309 ng
RT: 15.778 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:330 Resp: 1140597
Ion Ratio Lower Upper
330 100
332 96.4 77.7 116.5
141 33.2 26.4 39.6

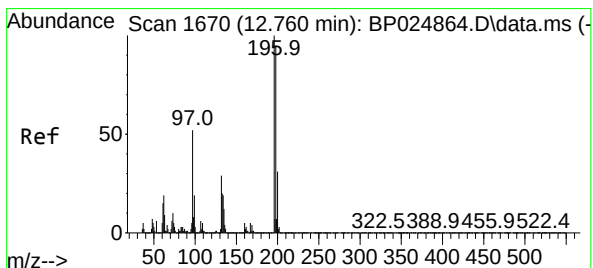
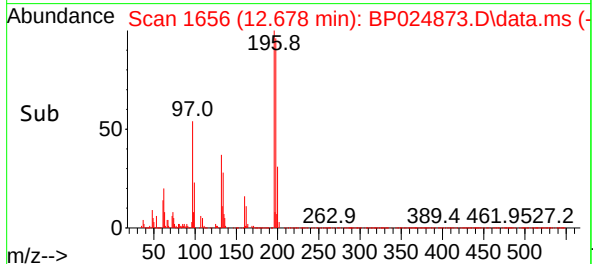
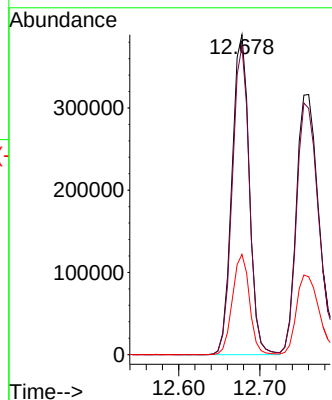
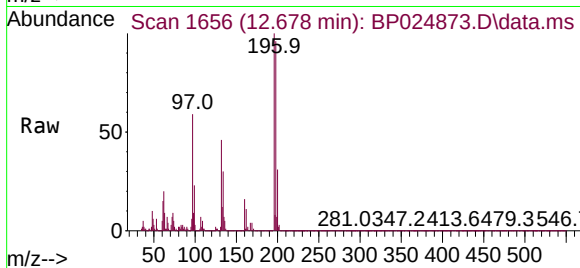




#43
2,4,6-Trichlorophenol
Concen: 48.214 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

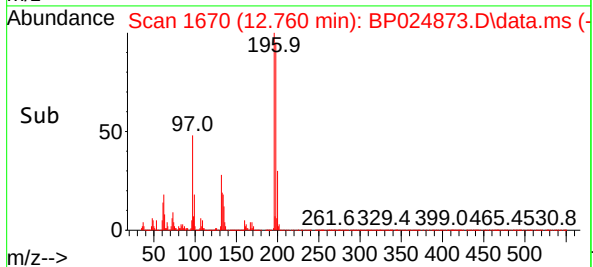
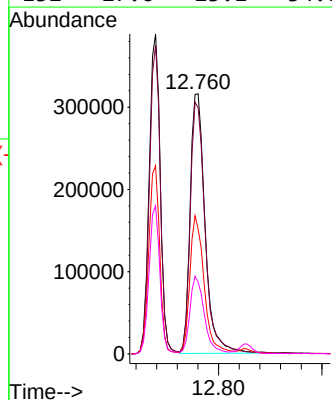
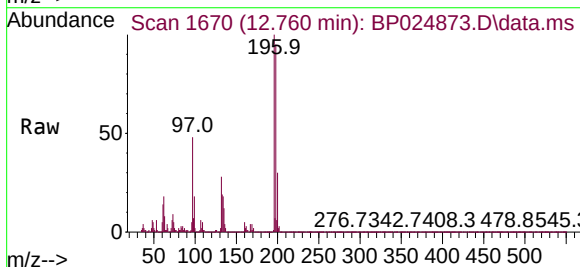
Instrument :
BNA_P
ClientSampleId :
PB168323BS

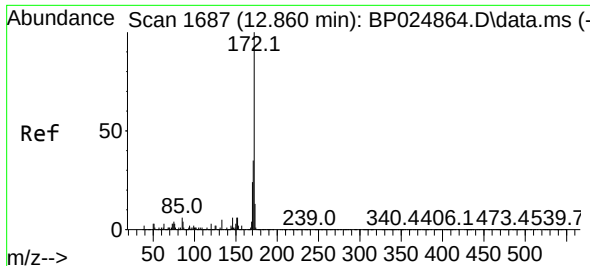
Tgt Ion:196 Resp: 577250
Ion Ratio Lower Upper
196 100
198 96.4 75.4 113.0
200 31.3 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 49.602 ng
RT: 12.760 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:196 Resp: 635990
Ion Ratio Lower Upper
196 100
198 94.7 76.0 114.0
97 48.1 41.5 62.3
132 27.6 23.1 34.7

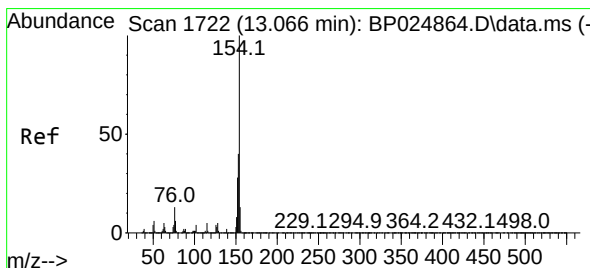
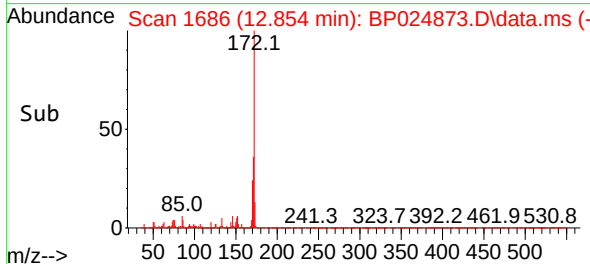
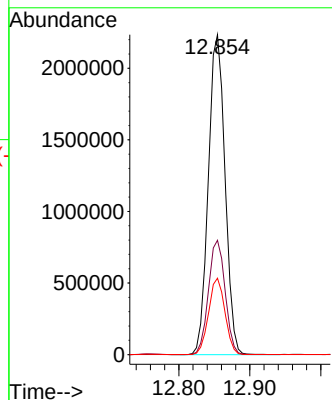
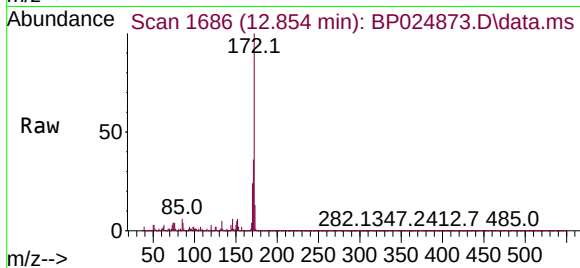




#45
2-Fluorobiphenyl
Concen: 77.914 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

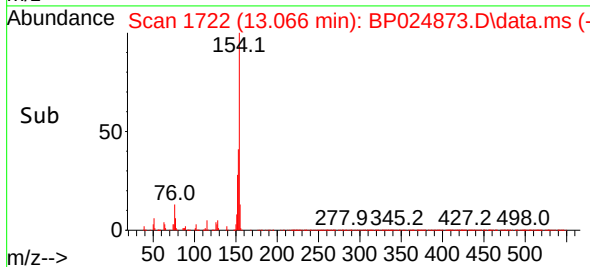
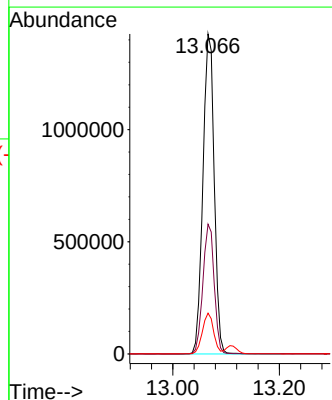
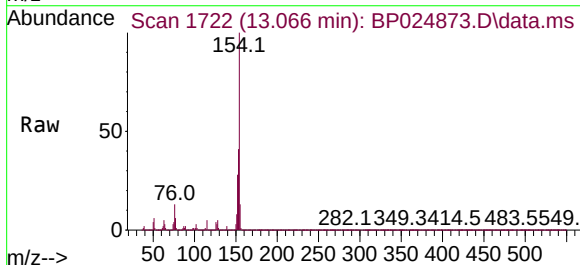
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BNA_P
ClientSampleId :
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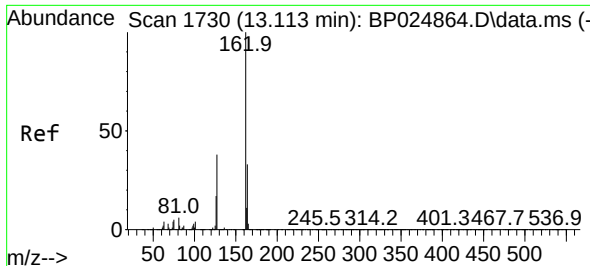
Tgt Ion:172 Resp: 3633814
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.9 19.0 28.4



#46
1,1'-Biphenyl
Concen: 45.844 ng
RT: 13.066 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:154 Resp: 2093200
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 12.7 0.0 33.0

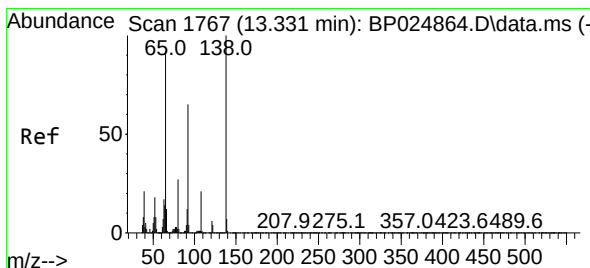
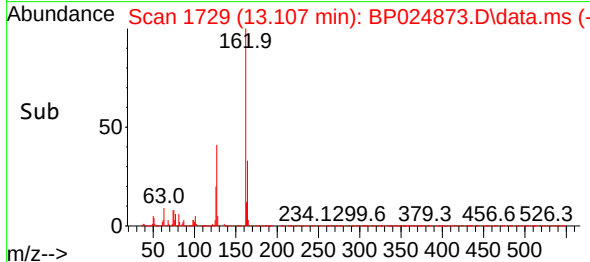
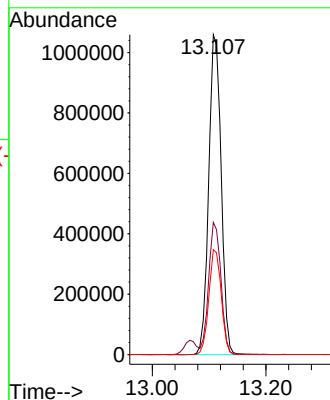
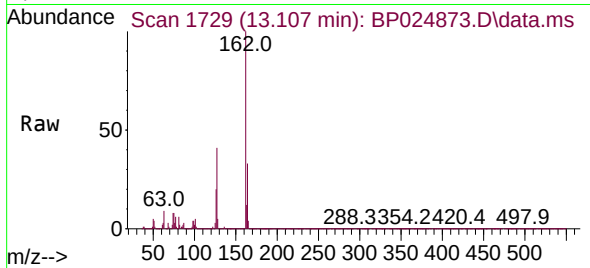




#47
2-Chloronaphthalene
Concen: 46.187 ng
RT: 13.107 min Scan# 1729
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

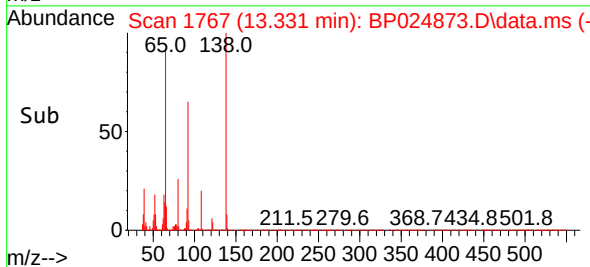
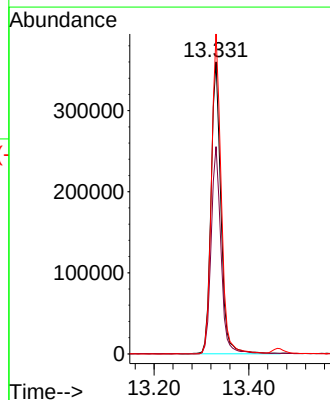
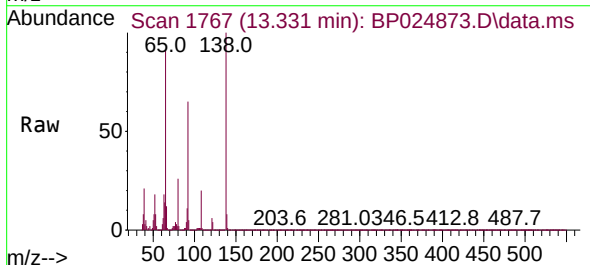
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BNA_P
ClientSampleId :
PB168323BS

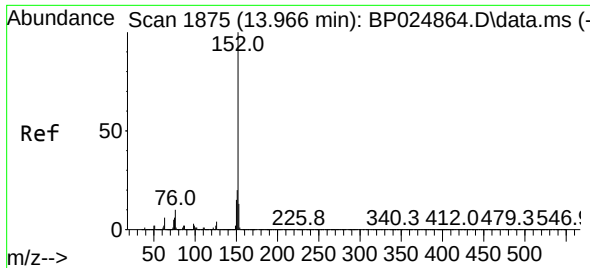
Tgt Ion:162 Resp: 1620819
Ion Ratio Lower Upper
162 100
127 41.3 32.5 48.7
164 32.8 26.2 39.2



#48
2-Nitroaniline
Concen: 48.295 ng
RT: 13.331 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 65 Resp: 521042
Ion Ratio Lower Upper
65 100
92 71.0 56.8 85.2
138 109.5 86.9 130.3

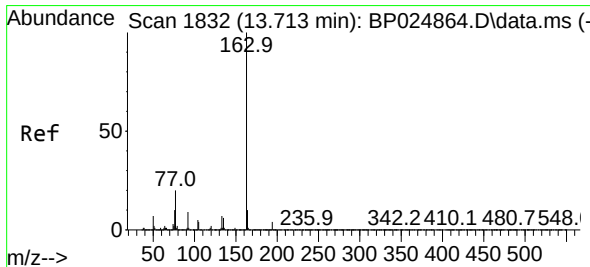
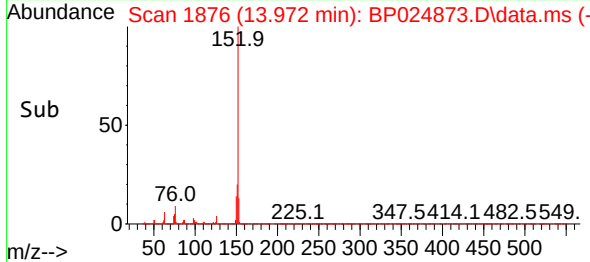
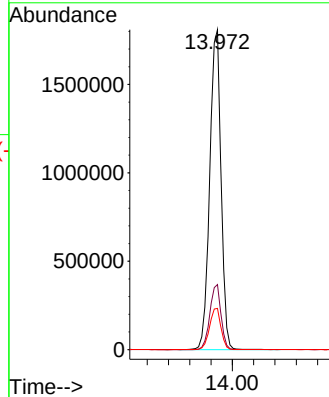
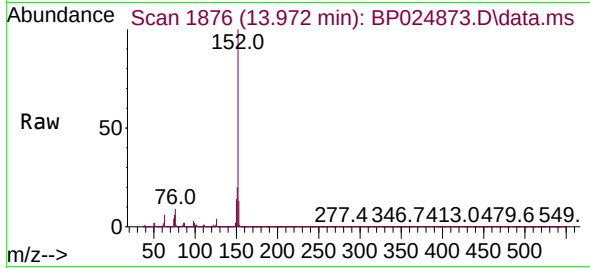




#49
Acenaphthylene
Concen: 45.478 ng
RT: 13.972 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

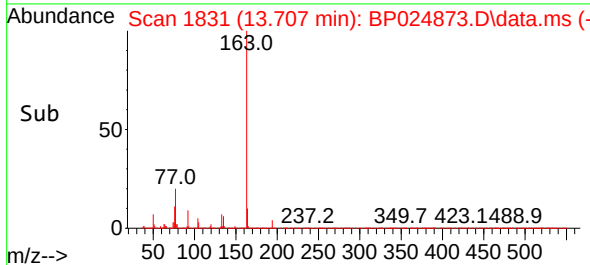
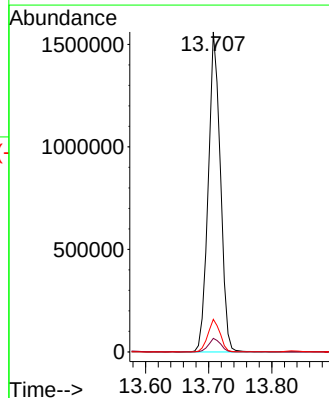
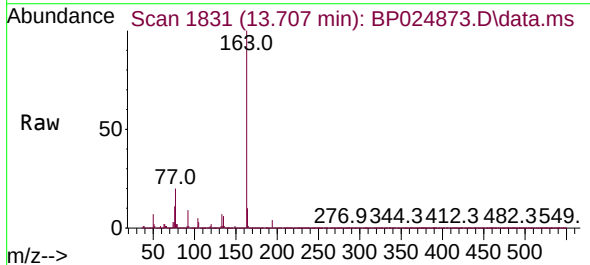
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BNA_P
ClientSampleId :
PB168323BS

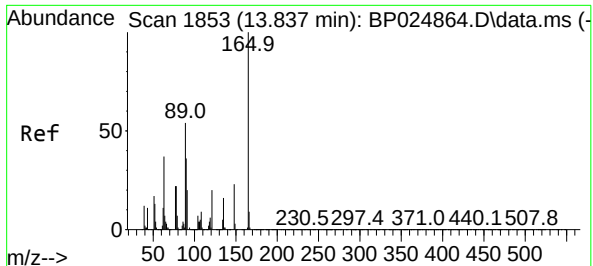
Tgt Ion:152 Resp: 2661012
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 12.9 10.6 15.8



#50
Dimethylphthalate
Concen: 44.824 ng
RT: 13.707 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:163 Resp: 2077480
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.2 8.0 12.0

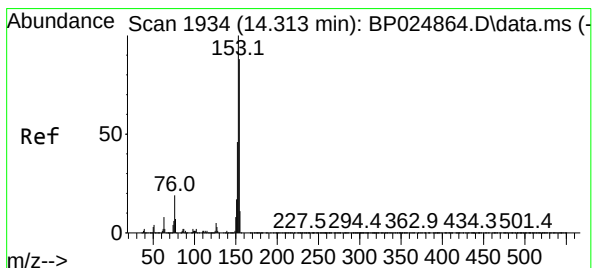
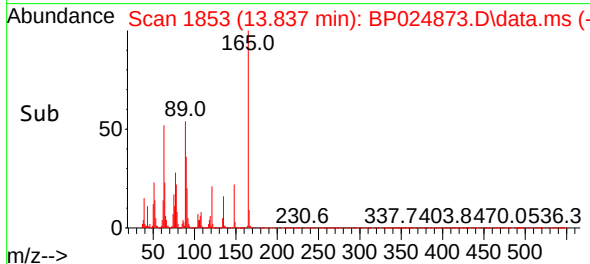
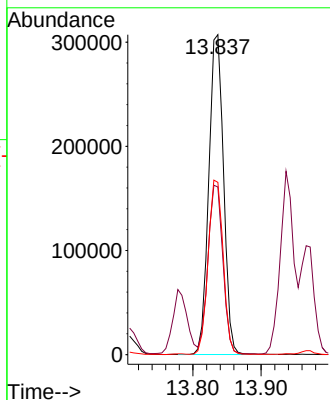
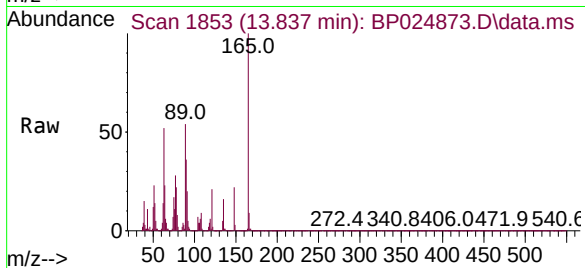




#51
2,6-Dinitrotoluene
Concen: 46.153 ng
RT: 13.837 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

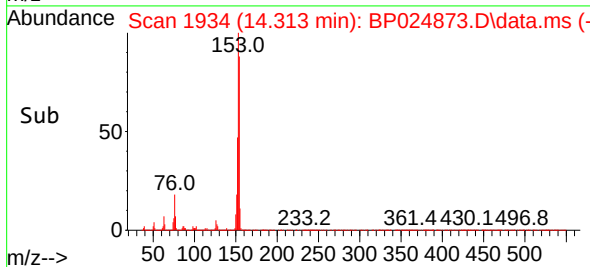
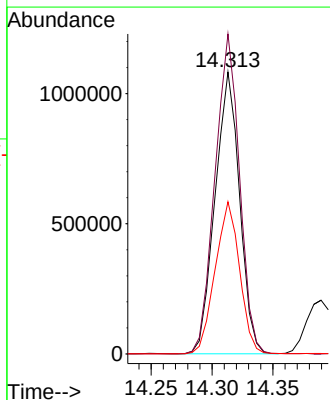
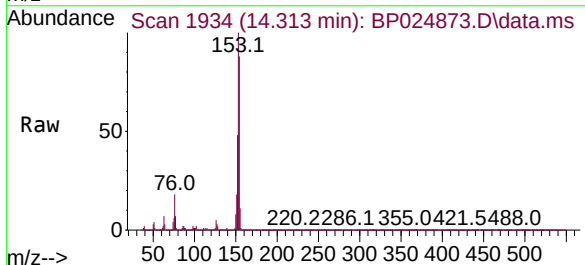
Instrument :
BNA_P
ClientSampleId :
PB168323BS

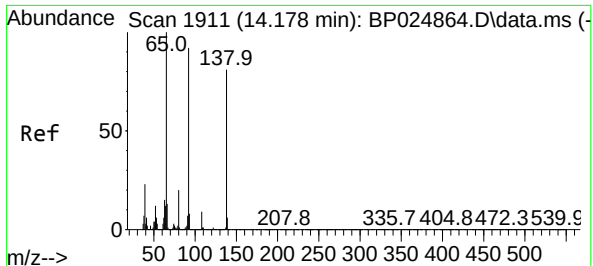
Tgt Ion:165 Resp: 461134
Ion Ratio Lower Upper
165 100
63 52.4 41.8 62.8
89 53.8 43.1 64.7



#52
Acenaphthene
Concen: 45.227 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:154 Resp: 1516438
Ion Ratio Lower Upper
154 100
153 113.5 90.5 135.7
152 54.0 42.1 63.1

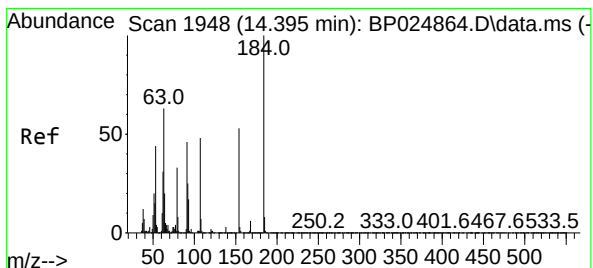
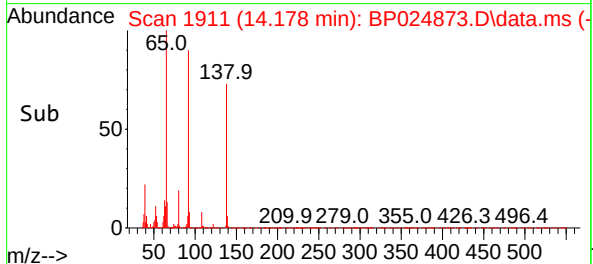
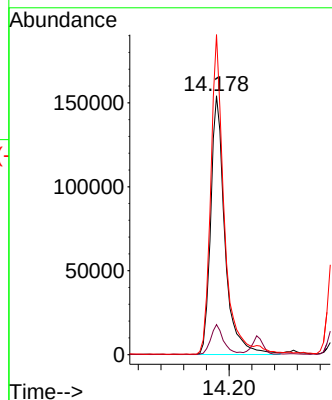
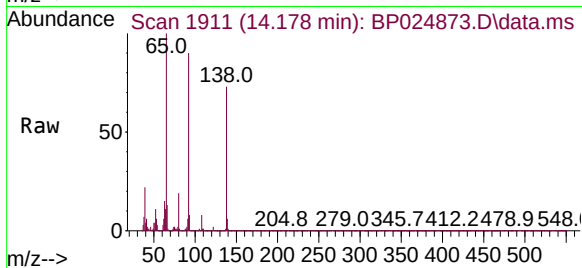




#53
3-Nitroaniline
Concen: 25.855 ng
RT: 14.178 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

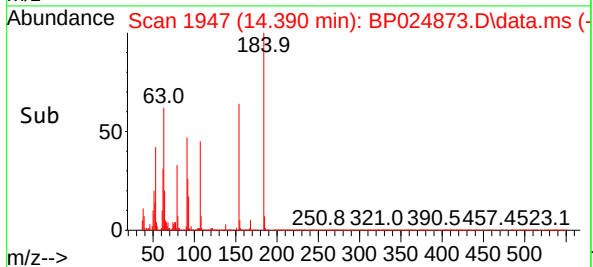
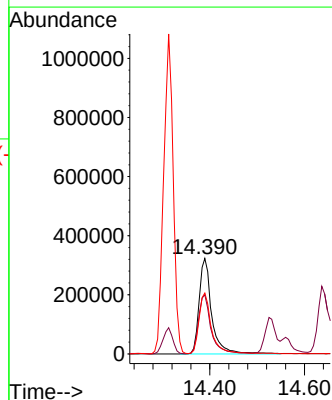
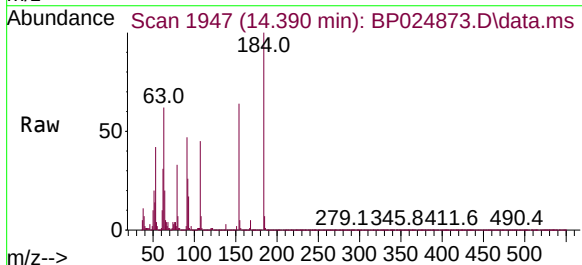
Instrument :
BNA_P
ClientSampleId :
PB168323BS

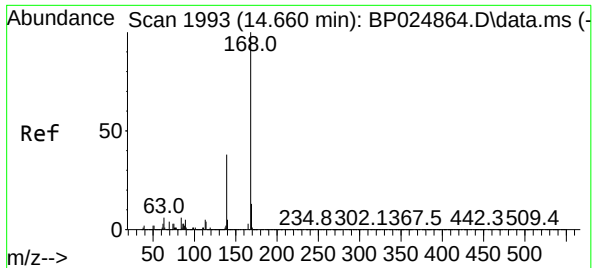
Tgt Ion:138 Resp: 268082
Ion Ratio Lower Upper
138 100
108 11.6 8.6 12.8
92 123.7 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 90.641 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:184 Resp: 594890
Ion Ratio Lower Upper
184 100
63 61.9 51.0 76.4
154 63.9 51.7 77.5

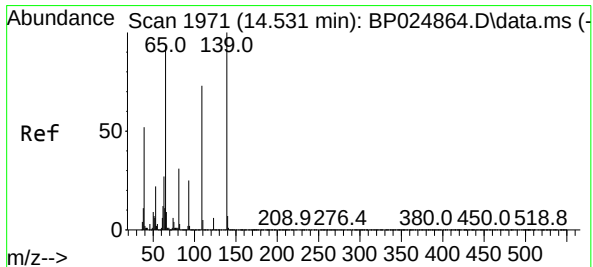
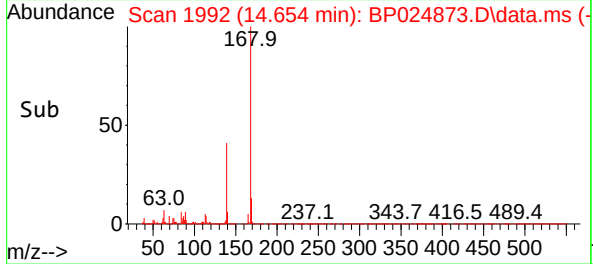
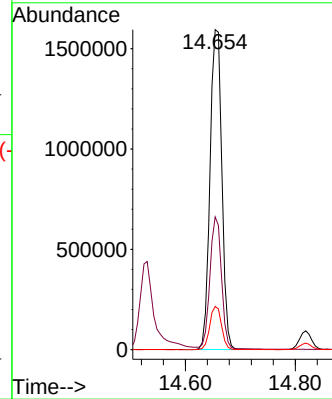
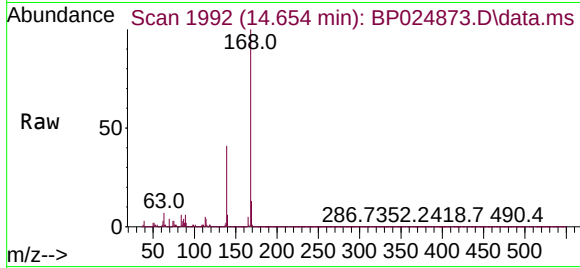




#55
Dibenzenofuran
Concen: 44.250 ng
RT: 14.654 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

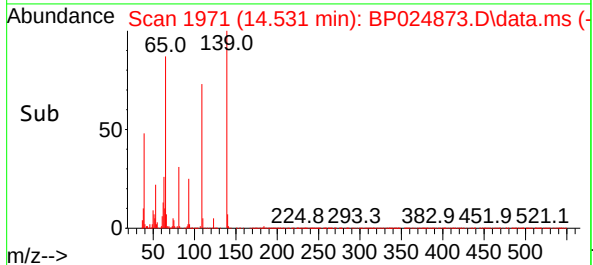
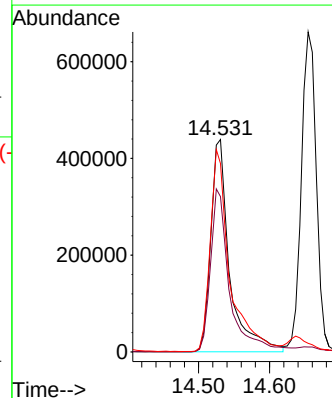
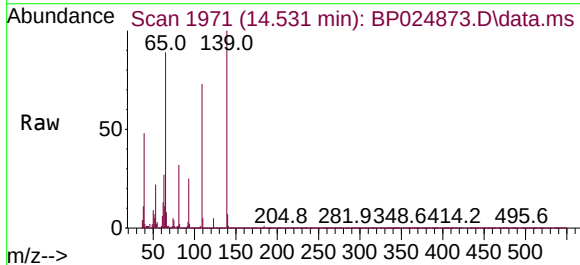
Instrument :
BNA_P
ClientSampleId :
PB168323BS

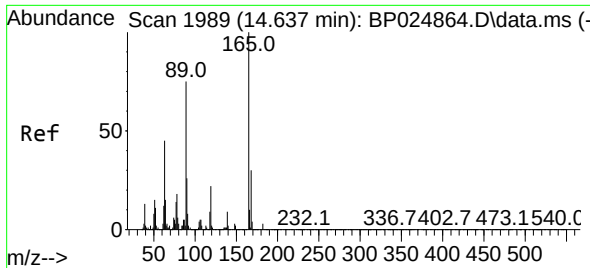
Tgt Ion:168 Resp: 2381540
Ion Ratio Lower Upper
168 100
139 41.5 31.6 47.4
169 13.5 10.6 15.8



#56
4-Nitrophenol
Concen: 91.350 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:139 Resp: 809101
Ion Ratio Lower Upper
139 100
109 73.1 53.1 93.1
65 88.7 73.0 113.0

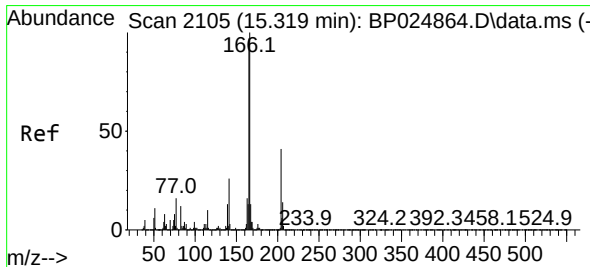
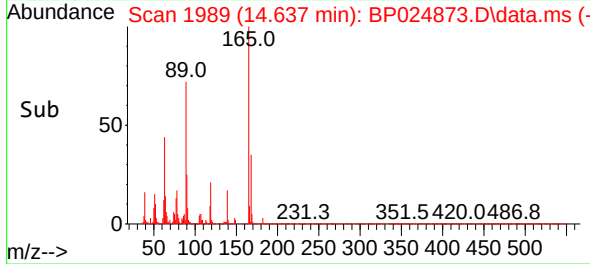
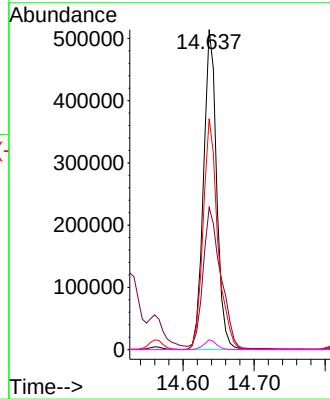
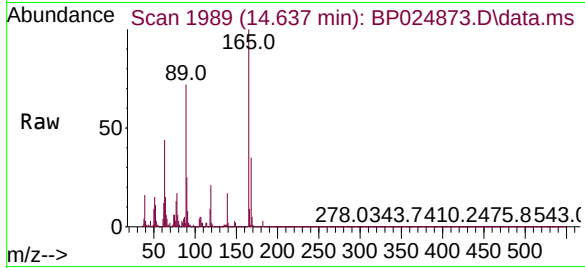




#57
2,4-Dinitrotoluene
Concen: 46.983 ng
RT: 14.637 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

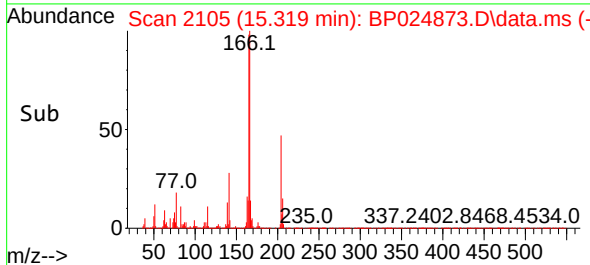
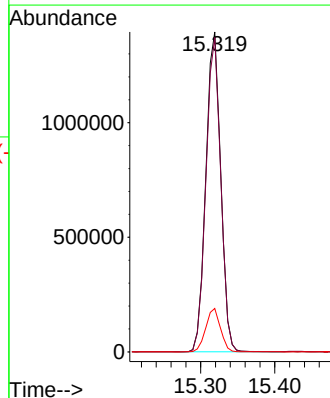
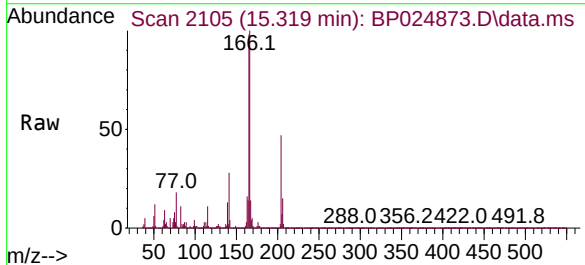
Instrument :
BNA_P
ClientSampleId :
PB168323BS

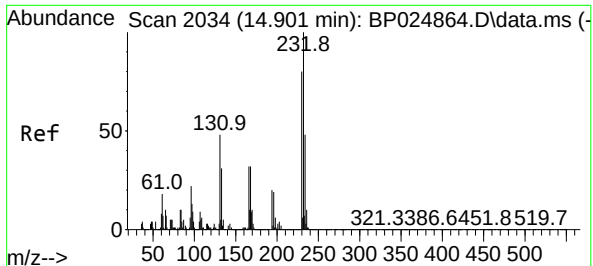
Tgt Ion:165 Resp: 656655
Ion Ratio Lower Upper
165 100
63 44.4 37.0 55.6
89 72.2 60.1 90.1
182 3.1 2.4 3.6



#58
Fluorene
Concen: 44.681 ng
RT: 15.319 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:166 Resp: 1942620
Ion Ratio Lower Upper
166 100
165 98.2 77.7 116.5
167 13.6 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.912 ng

RT: 14.901 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

Tgt Ion:232 Resp: 537424

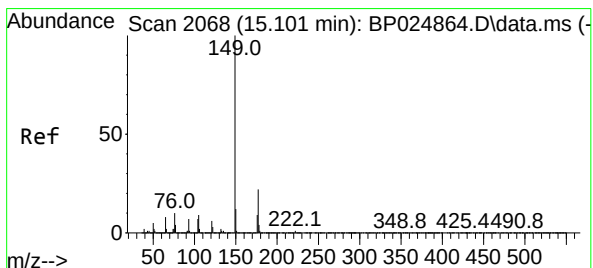
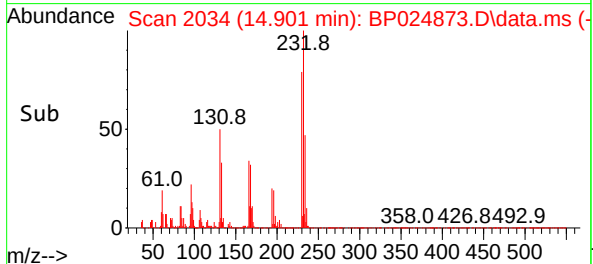
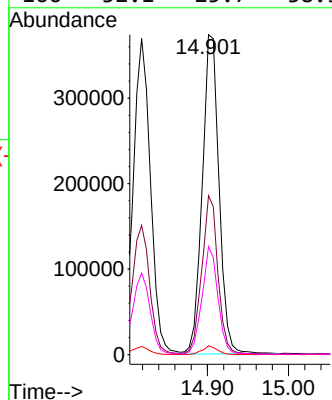
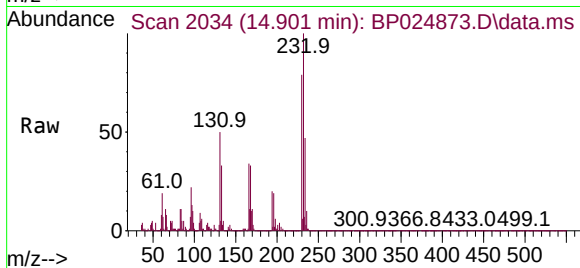
Ion Ratio Lower Upper

232 100

131 47.8 38.2 57.2

130 2.5 2.1 3.1

166 32.1 25.7 38.5



#60

Diethylphthalate

Concen: 44.293 ng

RT: 15.101 min Scan# 2068

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

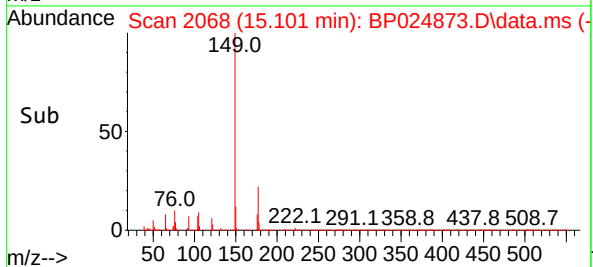
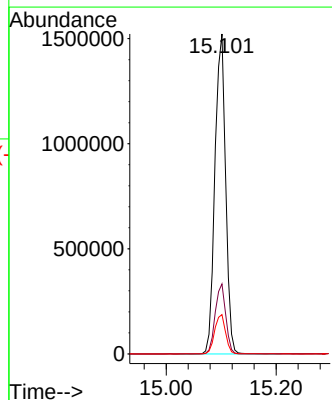
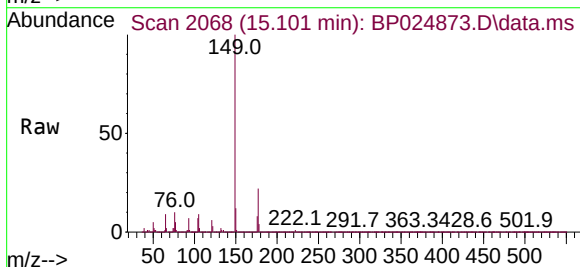
Tgt Ion:149 Resp: 2045901

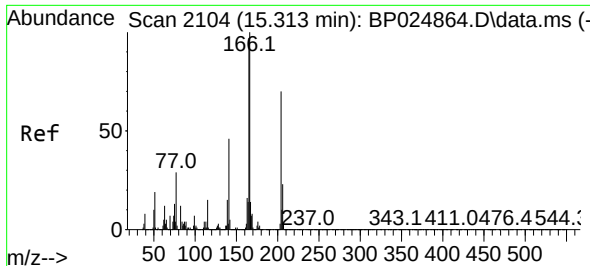
Ion Ratio Lower Upper

149 100

177 21.9 17.9 26.9

150 12.3 9.8 14.6

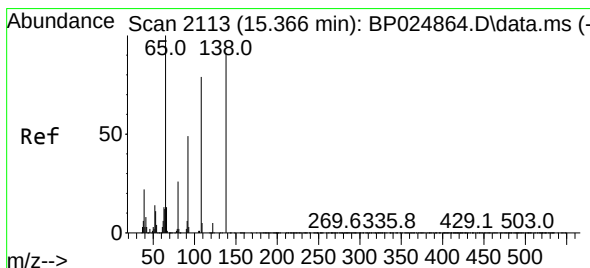
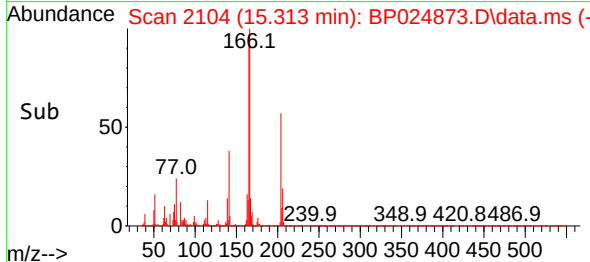
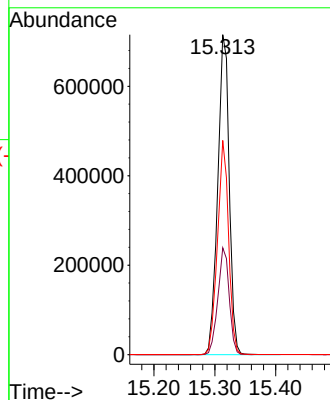
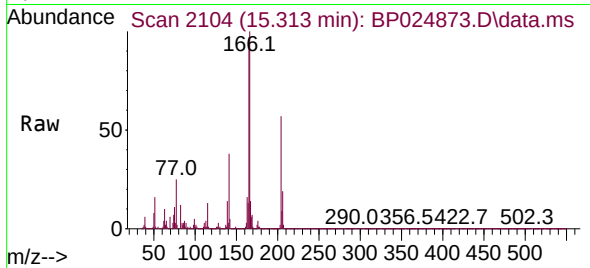




#61
4-Chlorophenyl-phenylether
Concen: 44.135 ng
RT: 15.313 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

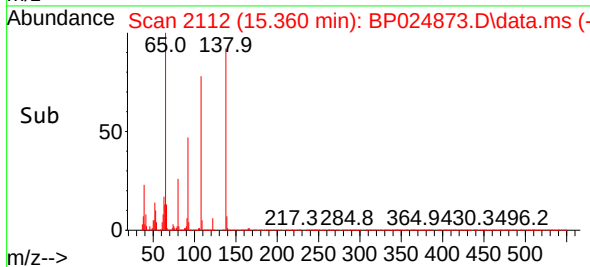
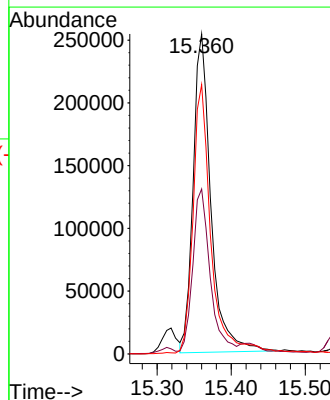
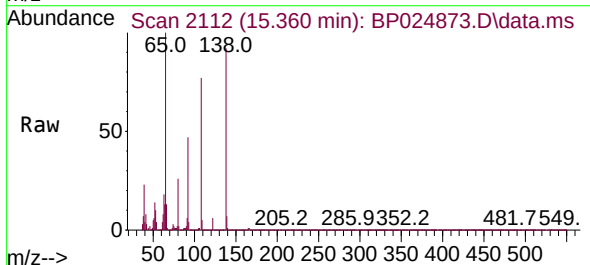
Instrument :
BNA_P
ClientSampleId :
PB168323BS

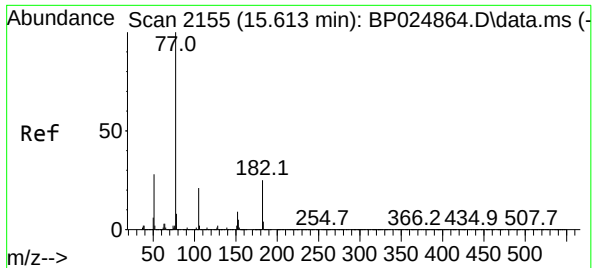
Tgt Ion:204 Resp: 938236
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 66.9 52.4 78.6



#62
4-Nitroaniline
Concen: 45.113 ng
RT: 15.360 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:138 Resp: 424134
Ion Ratio Lower Upper
138 100
92 51.5 33.5 73.5
108 84.1 65.1 105.1

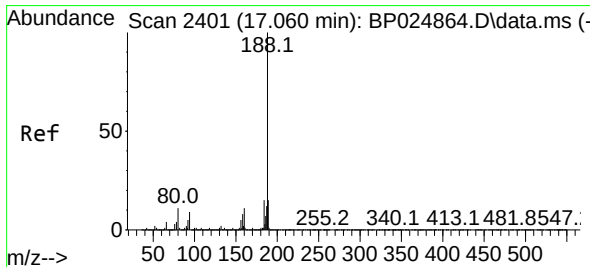
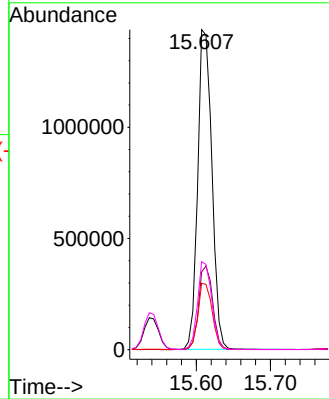
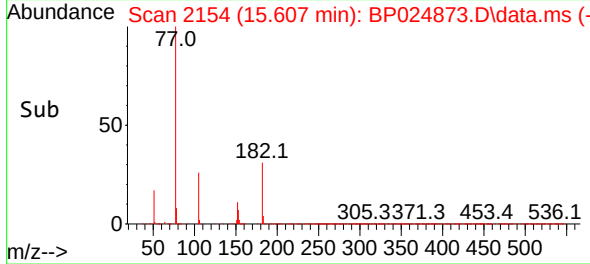
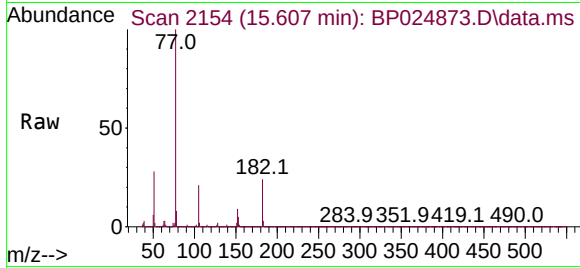




#63
Azobenzene
Concen: 45.227 ng
RT: 15.607 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

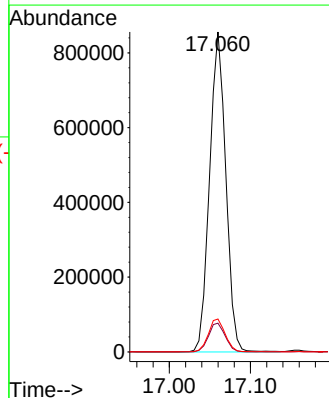
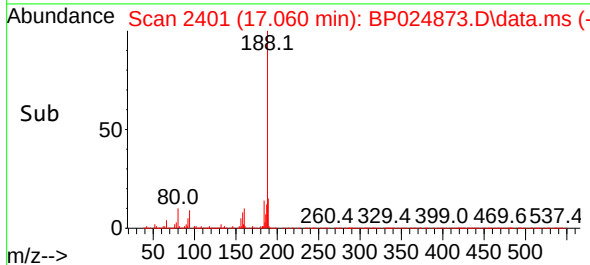
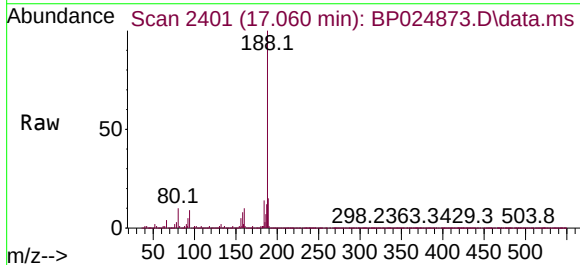
Instrument :
BNA_P
ClientSampleId :
PB168323BS

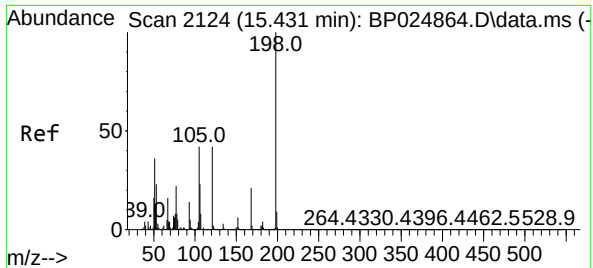
Tgt Ion: 77 Resp: 1915956
Ion Ratio Lower Upper
77 100
182 24.3 5.4 45.4
105 20.7 0.8 40.8
51 27.5 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 188 Resp: 1189376
Ion Ratio Lower Upper
188 100
94 9.0 7.3 10.9
80 10.3 8.5 12.7





#65

4,6-Dinitro-2-methylphenol

Concen: 48.450 ng

RT: 15.425 min Scan# 2112

Delta R.T. -0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

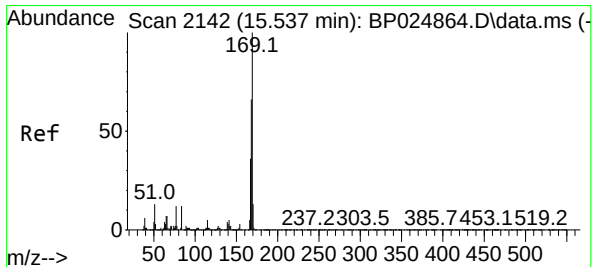
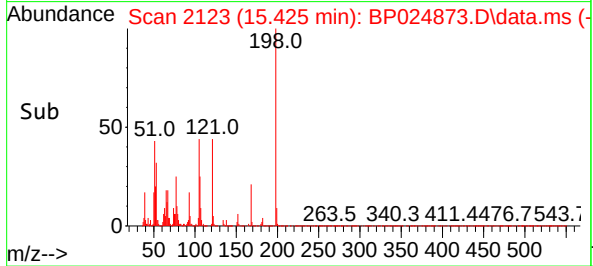
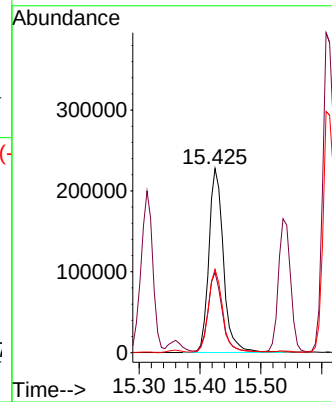
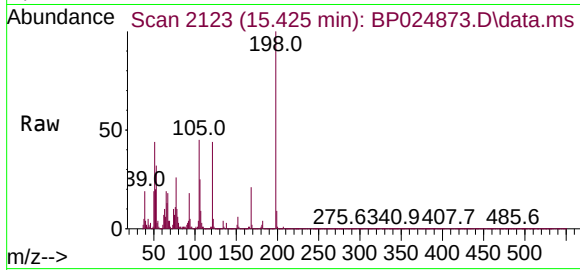
Tgt Ion:198 Resp: 378653

Ion Ratio Lower Upper

198 100

51 43.6 19.2 59.2

105 45.2 22.6 62.6



#66

n-Nitrosodiphenylamine

Concen: 46.833 ng

RT: 15.542 min Scan# 2143

Delta R.T. 0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

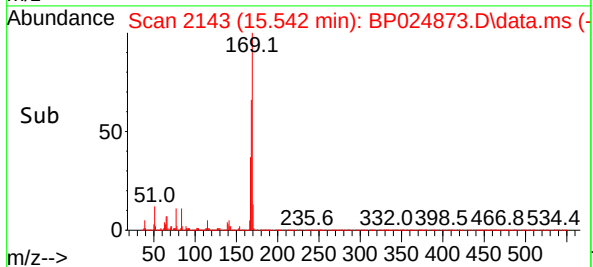
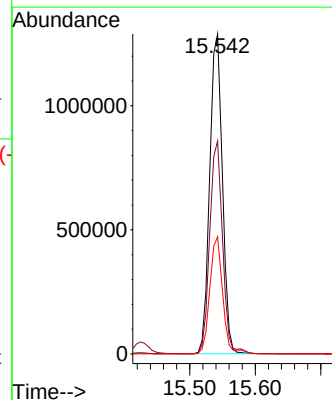
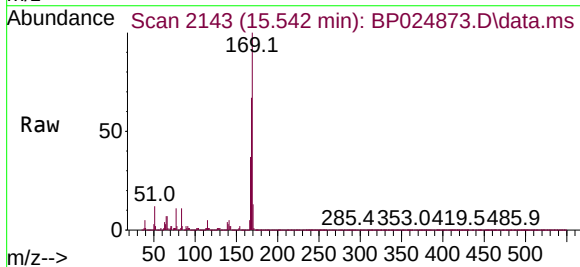
Tgt Ion:169 Resp: 1726506

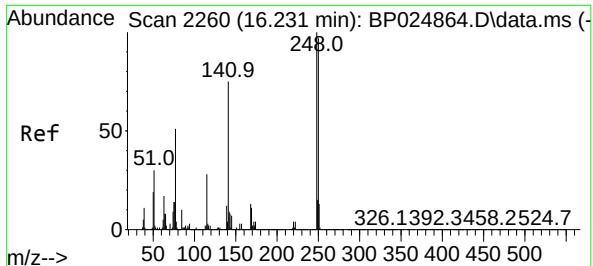
Ion Ratio Lower Upper

169 100

168 66.5 53.0 79.6

167 36.6 28.6 43.0

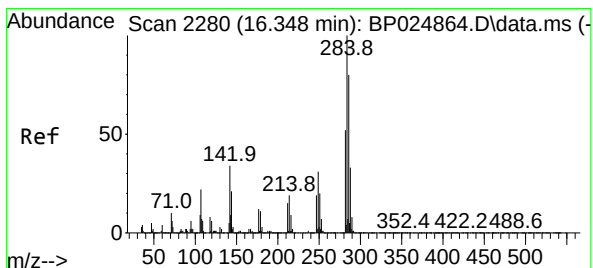
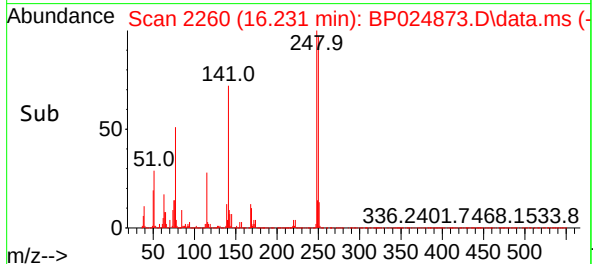
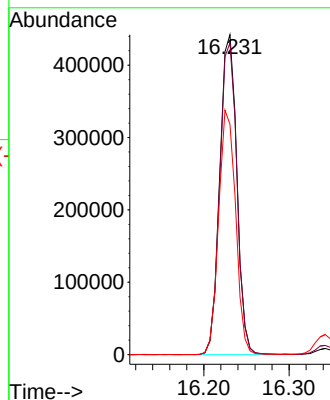
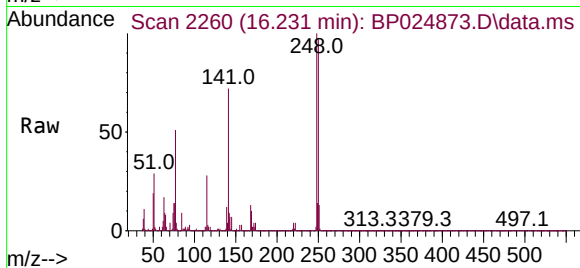




#67
4-Bromophenyl-phenylether
Concen: 45.760 ng
RT: 16.231 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

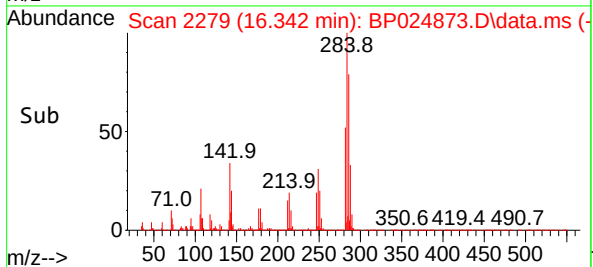
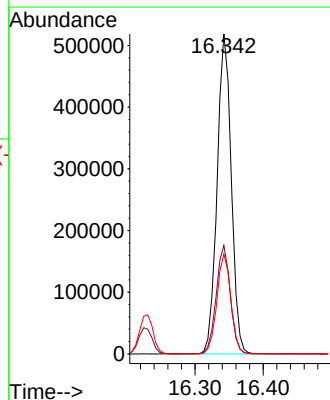
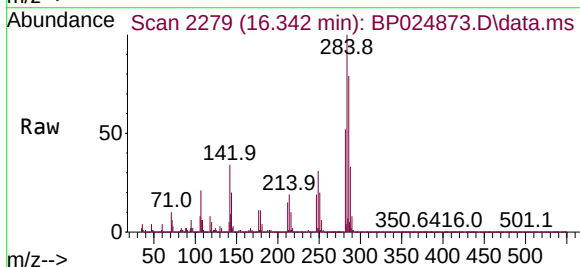
Instrument :
BNA_P
ClientSampleId :
PB168323BS

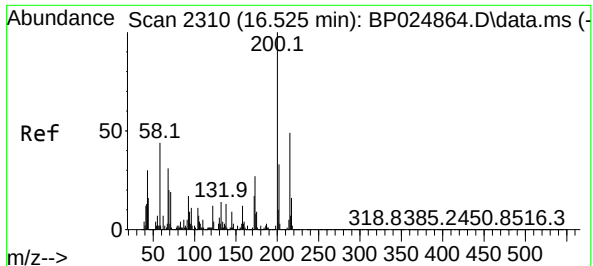
Tgt Ion:248 Resp: 614107
Ion Ratio Lower Upper
248 100
250 97.4 77.4 116.2
141 72.0 59.9 89.9



#68
Hexachlorobenzene
Concen: 45.626 ng
RT: 16.342 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:284 Resp: 742281
Ion Ratio Lower Upper
284 100
142 33.9 27.0 40.6
249 31.2 25.0 37.6

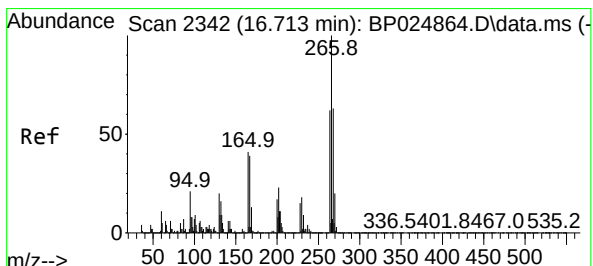
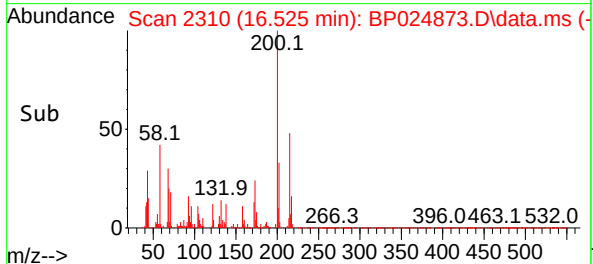
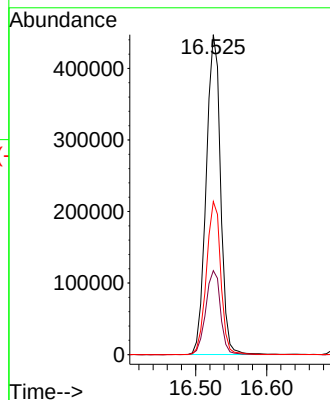
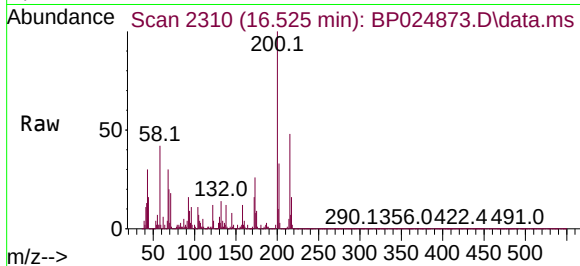




#69
Atrazine
Concen: 46.732 ng
RT: 16.525 min Scan# 2310
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

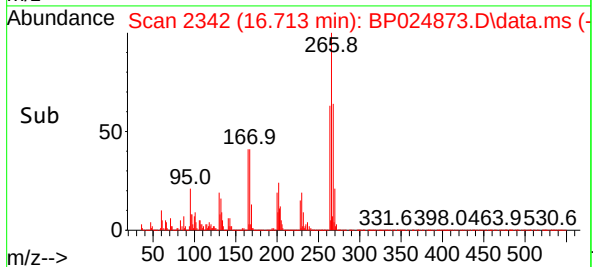
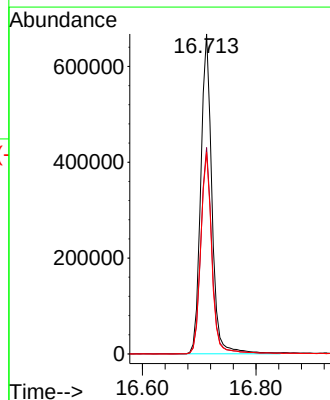
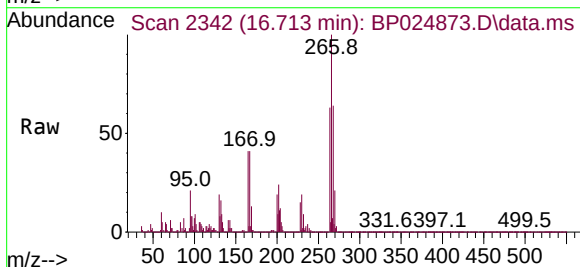
Instrument :
BNA_P
ClientSampleId :
PB168323BS

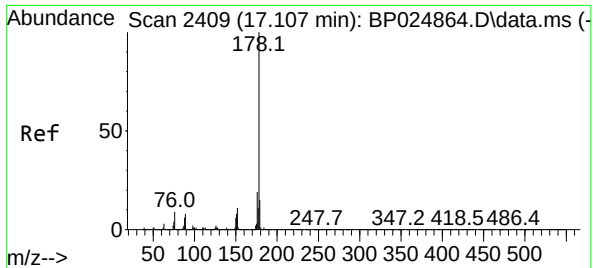
Tgt Ion:200 Resp: 624545
Ion Ratio Lower Upper
200 100
173 26.2 6.9 46.9
215 47.8 28.7 68.7



#70
Pentachlorophenol
Concen: 107.544 ng
RT: 16.713 min Scan# 2342
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:266 Resp: 905521
Ion Ratio Lower Upper
266 100
268 64.5 50.6 76.0
264 63.0 49.7 74.5

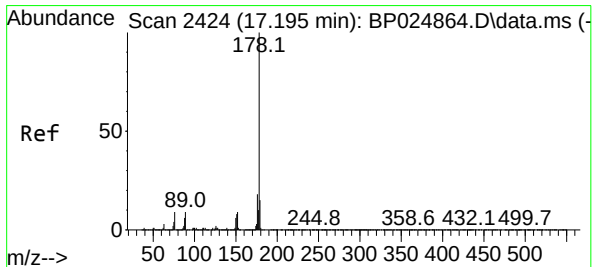
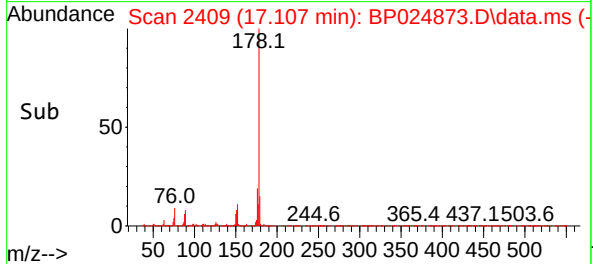
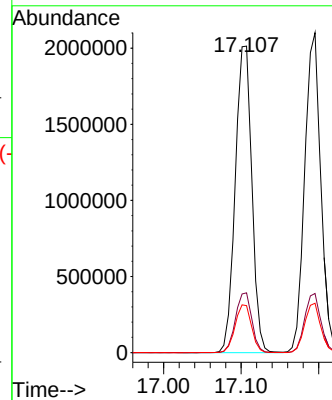
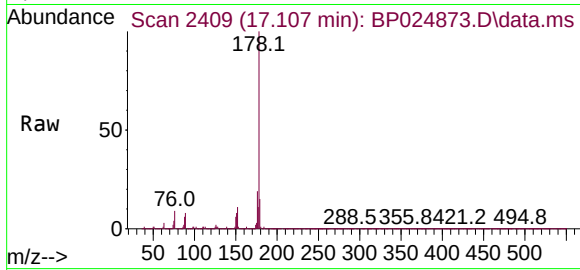




#71
Phenanthrene
Concen: 45.769 ng
RT: 17.107 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

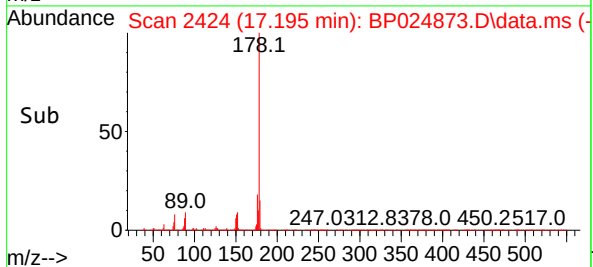
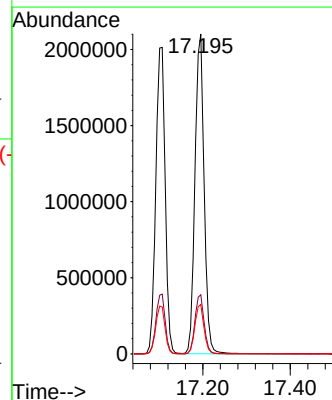
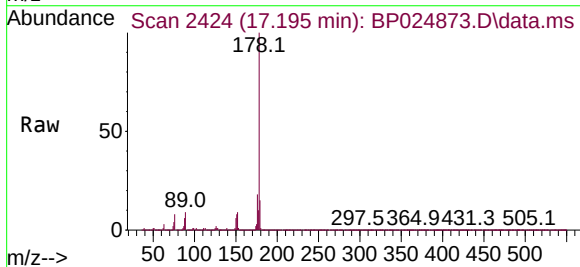
Instrument :
BNA_P
ClientSampleId :
PB168323BS

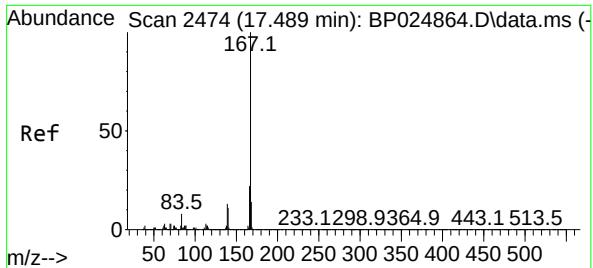
Tgt Ion:178 Resp: 3008256
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.3 12.1 18.1



#72
Anthracene
Concen: 46.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:178 Resp: 3062015
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.5 12.3 18.5

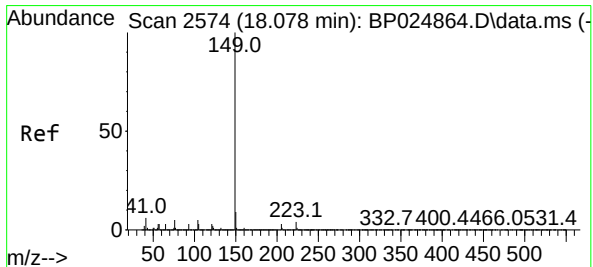
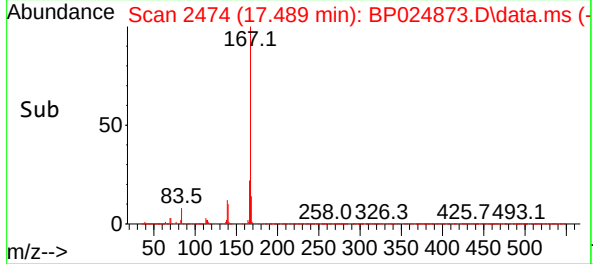
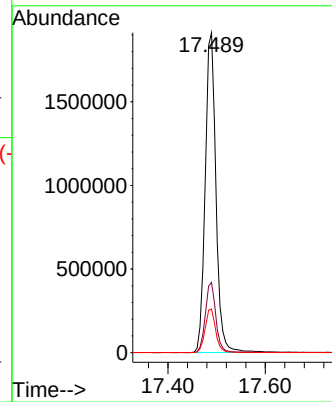
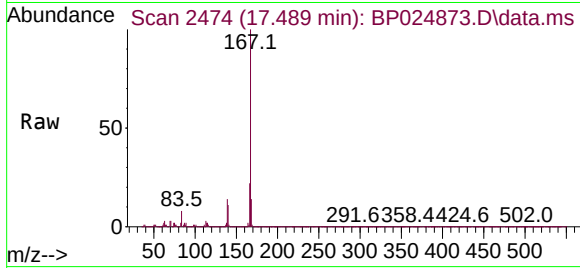




#73
 Carbazole
 Concen: 47.362 ng
 RT: 17.489 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BP024873.D
 Acq: 09 Jun 2025 12:05

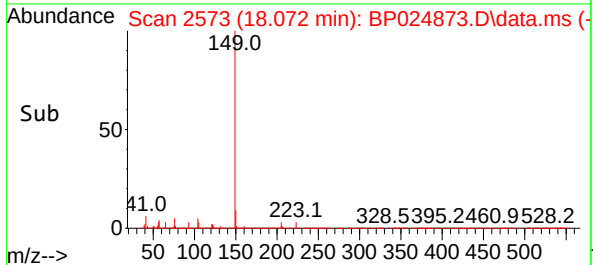
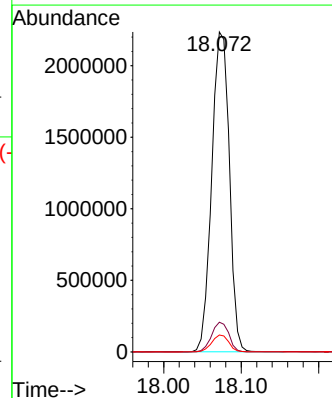
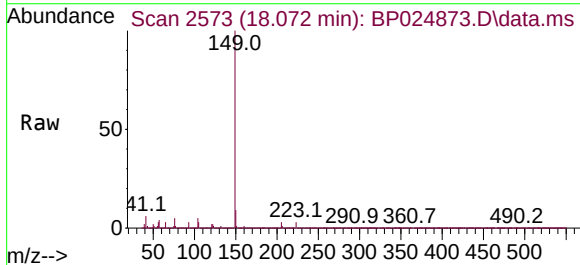
Instrument :
 BNA_P
 ClientSampleId :
 PB168323BS

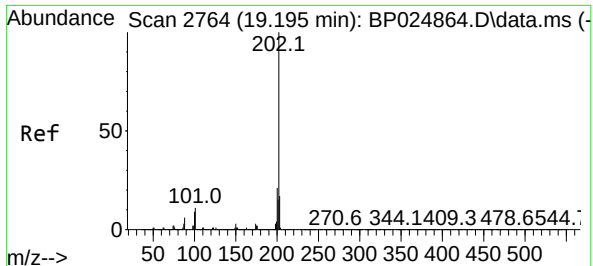
Tgt Ion:167 Resp: 2922226
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 13.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 46.080 ng
 RT: 18.072 min Scan# 2573
 Delta R.T. -0.006 min
 Lab File: BP024873.D
 Acq: 09 Jun 2025 12:05

Tgt Ion:149 Resp: 3522628
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.3 4.2 6.2

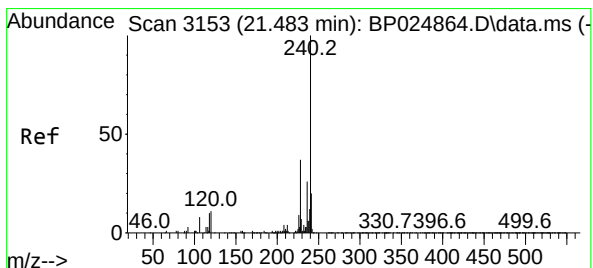
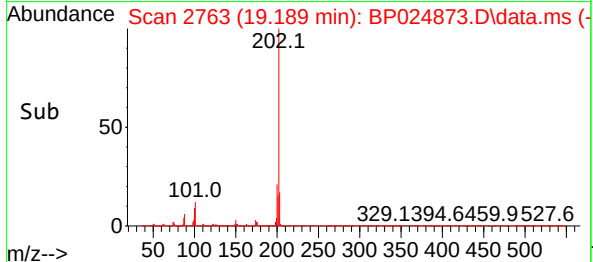
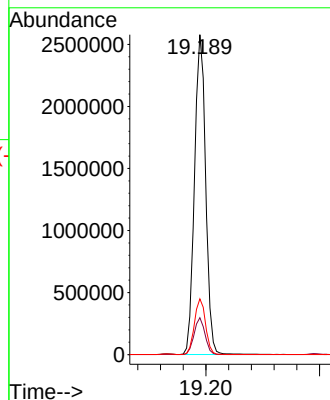
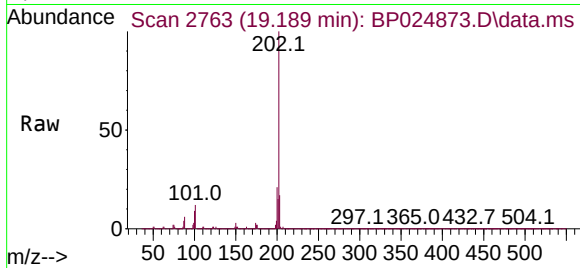




#75
Fluoranthene
Concen: 45.886 ng
RT: 19.189 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

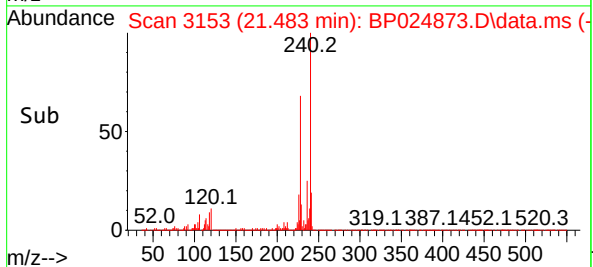
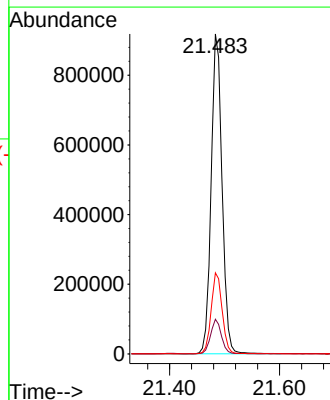
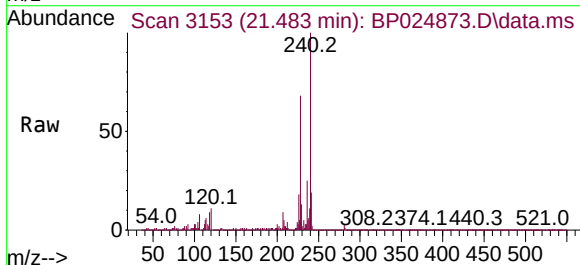
Instrument :
BNA_P
ClientSampleId :
PB168323BS

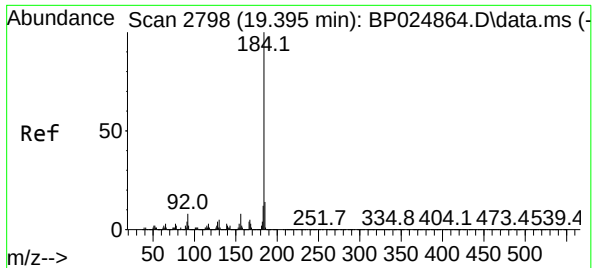
Tgt Ion:202 Resp: 3495628
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:240 Resp: 1268867
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.3 20.9 31.3

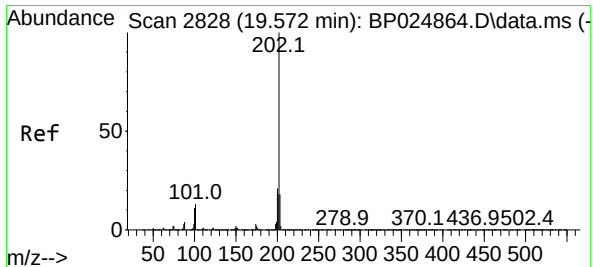
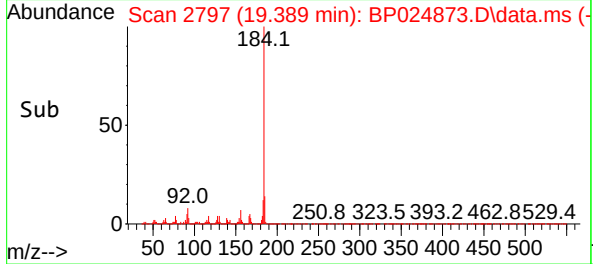
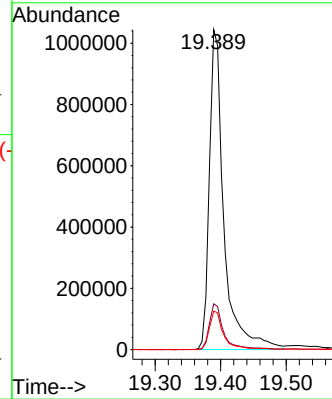
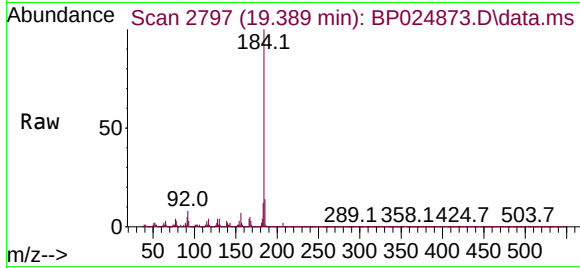




#77
Benzidine
Concen: 40.763 ng
RT: 19.389 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

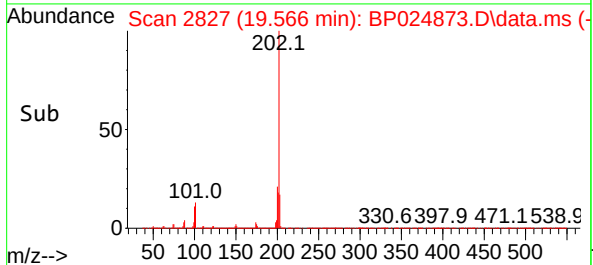
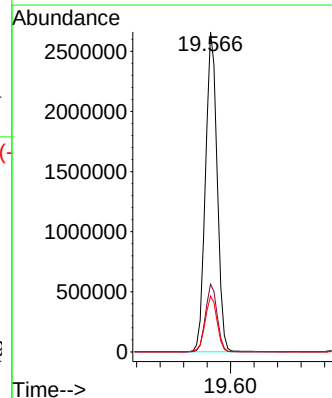
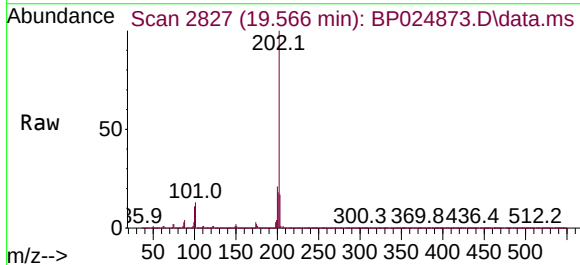
Instrument :
BNA_P
ClientSampleId :
PB168323BS

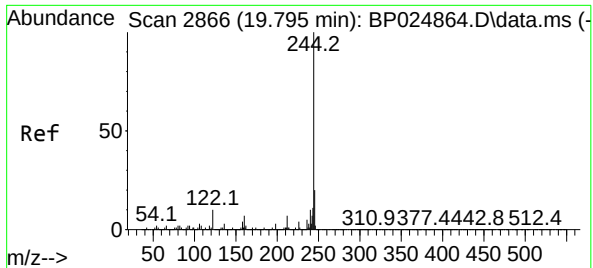
Tgt Ion:184 Resp: 1601949
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 12.0 9.5 14.3



#78
Pyrene
Concen: 46.249 ng
RT: 19.566 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:202 Resp: 3666214
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.4 14.0 21.0

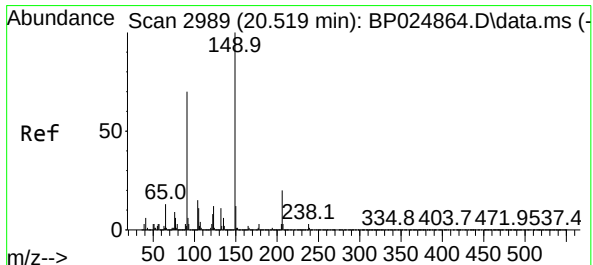
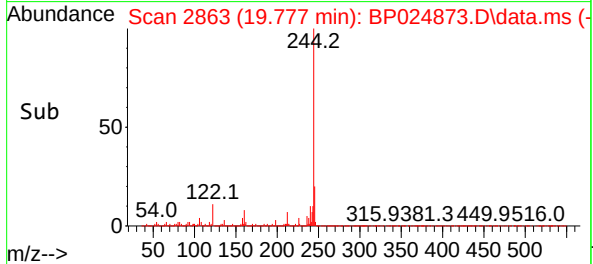
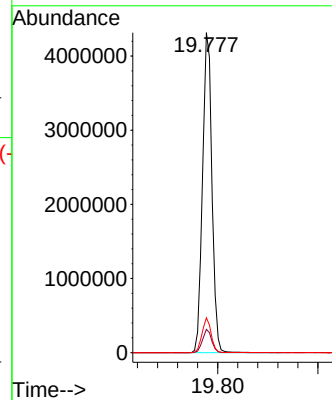
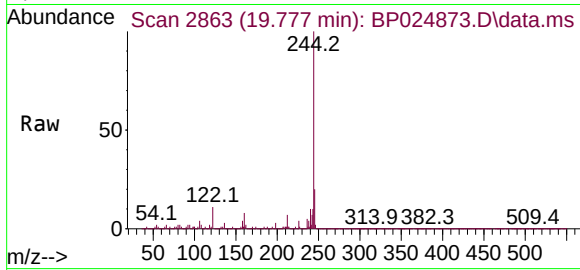




#79
 Terphenyl-d14
 Concen: 79.230 ng
 RT: 19.777 min Scan# 2863
 Delta R.T. -0.018 min
 Lab File: BP024873.D
 Acq: 09 Jun 2025 12:05

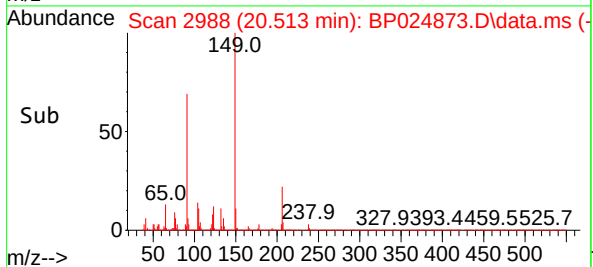
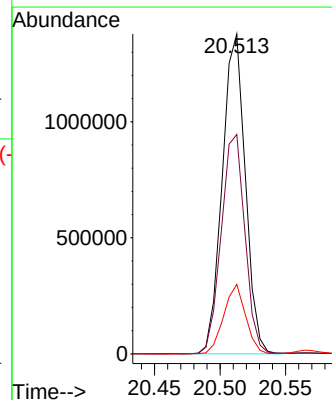
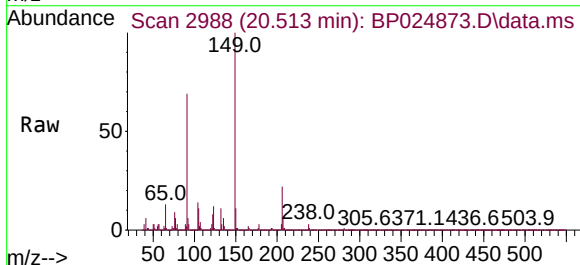
Instrument :
 BNA_P
 ClientSampleId :
 PB168323BS

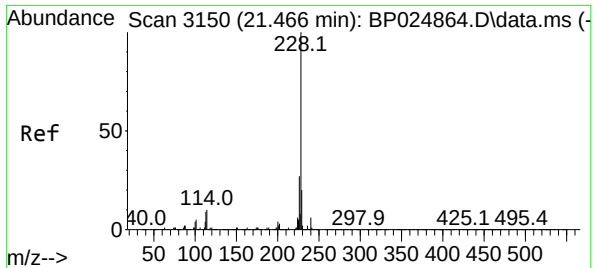
Tgt Ion:244 Resp: 5609281
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 10.9 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 46.444 ng
 RT: 20.513 min Scan# 2988
 Delta R.T. -0.006 min
 Lab File: BP024873.D
 Acq: 09 Jun 2025 12:05

Tgt Ion:149 Resp: 1686399
 Ion Ratio Lower Upper
 149 100
 91 68.6 55.8 83.8
 206 21.7 16.2 24.2

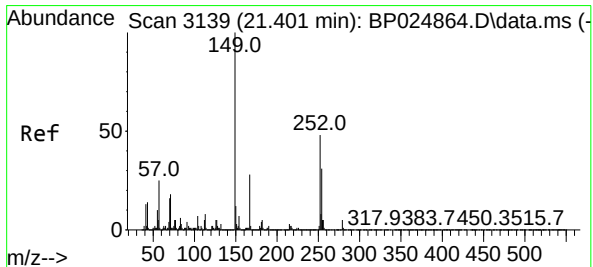
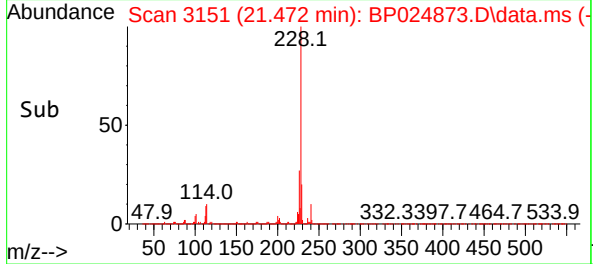
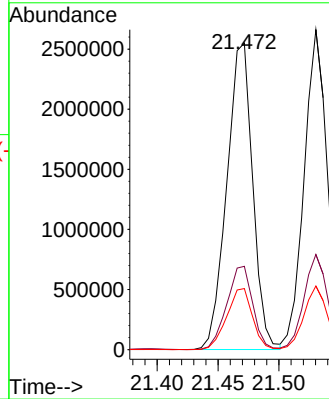
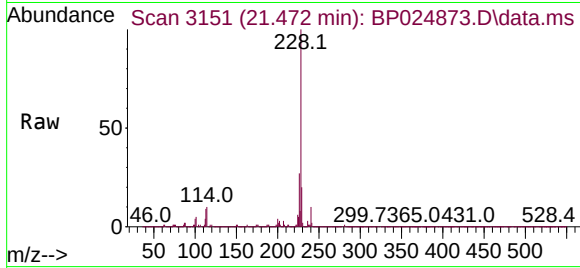




#81
Benzo(a)anthracene
Concen: 46.589 ng
RT: 21.472 min Scan# 3151
Delta R.T. 0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

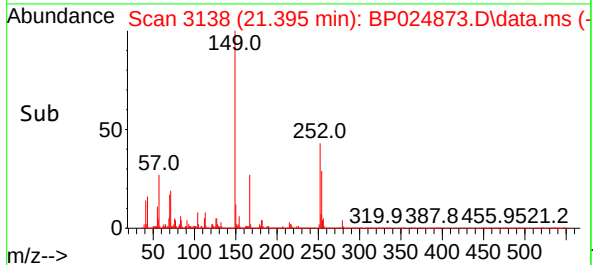
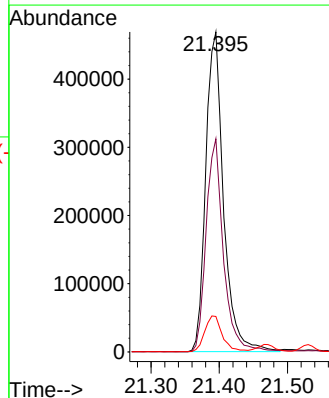
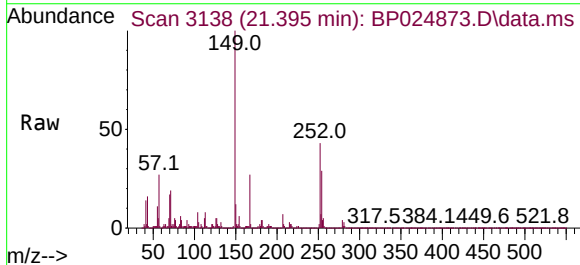
Instrument :
BNA_P
ClientSampleId :
PB168323BS

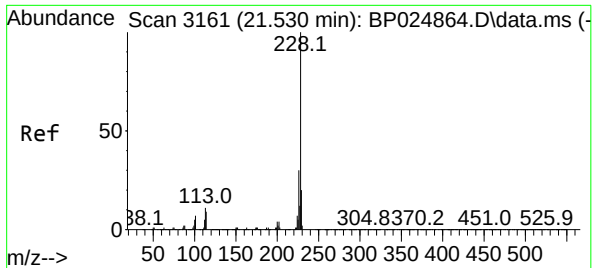
Tgt Ion:228 Resp: 3780920
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.9 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 26.391 ng
RT: 21.395 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:252 Resp: 850267
Ion Ratio Lower Upper
252 100
254 66.6 51.2 76.8
126 11.1 8.6 12.8

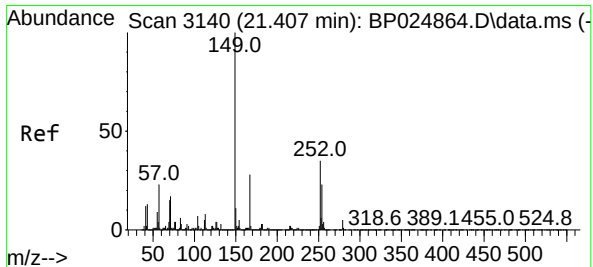
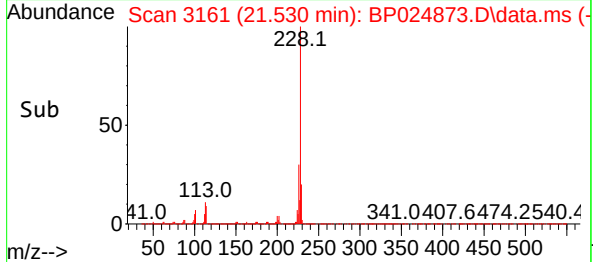
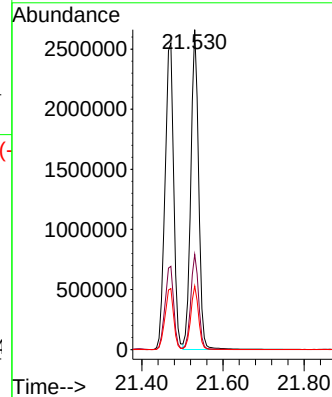
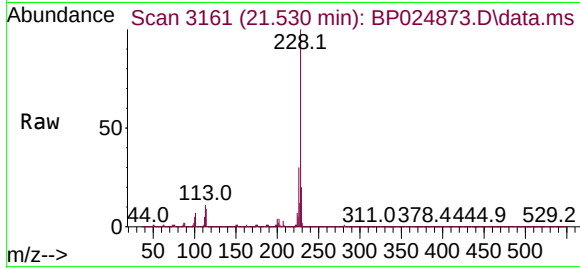




#83
Chrysene
Concen: 46.428 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

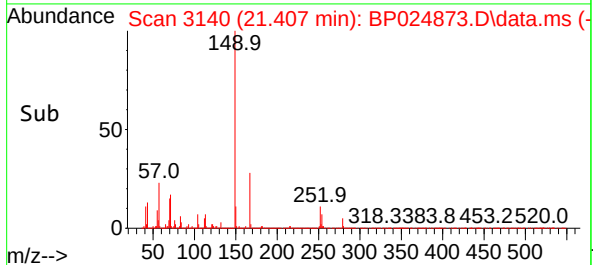
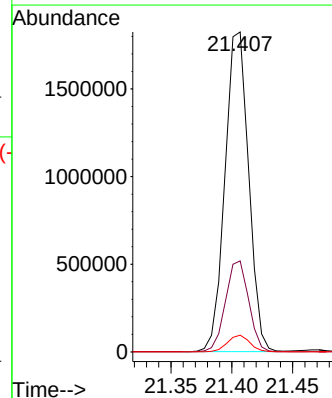
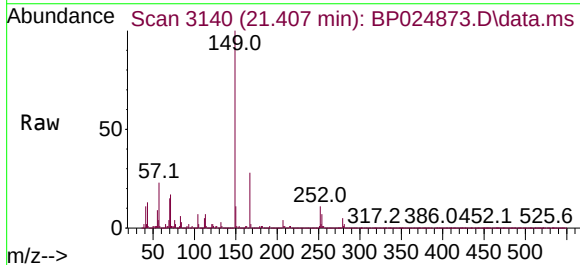
Instrument :
BNA_P
ClientSampleId :
PB168323BS

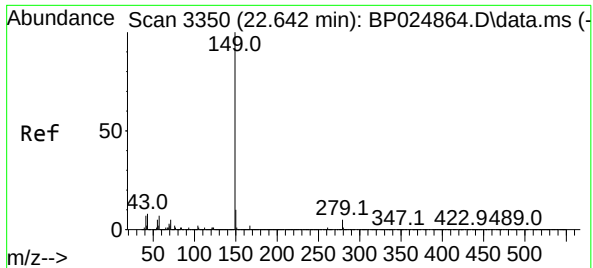
Tgt Ion:228 Resp: 3570095
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.6
229 19.9 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.541 ng
RT: 21.407 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:149 Resp: 2473280
Ion Ratio Lower Upper
149 100
167 28.4 22.2 33.4
279 5.2 4.0 6.0

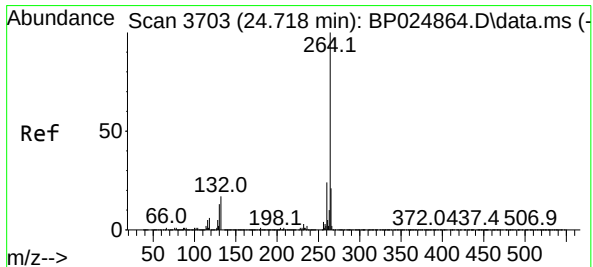
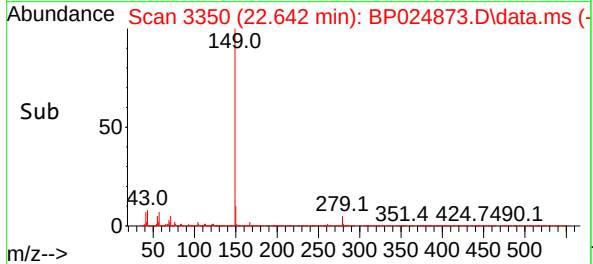
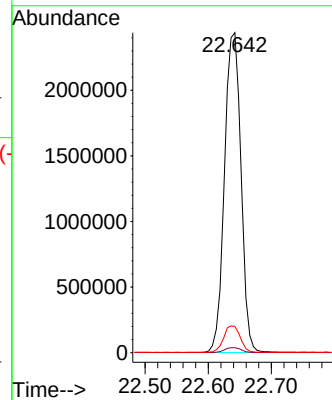
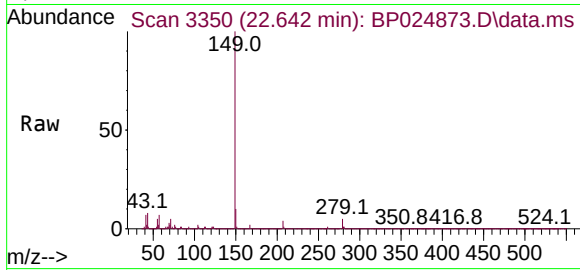




#85
Di-n-octyl phthalate
Concen: 48.117 ng
RT: 22.642 min Scan# 3350
Delta R.T. -0.000 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

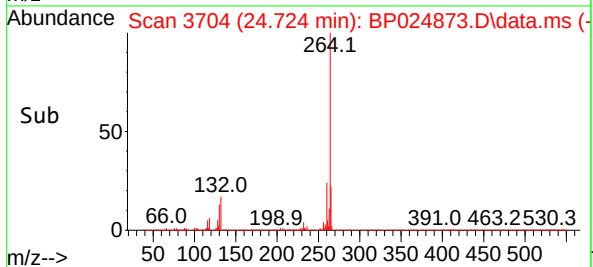
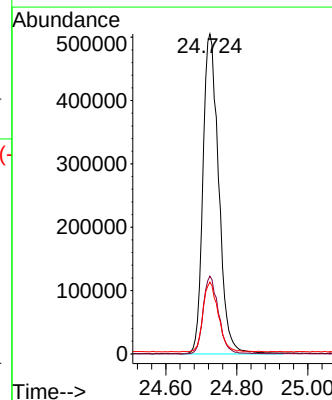
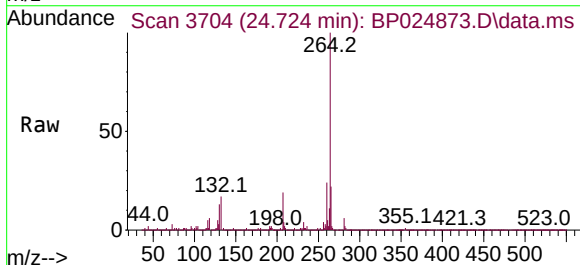
Instrument :
BNA_P
ClientSampleId :
PB168323BS

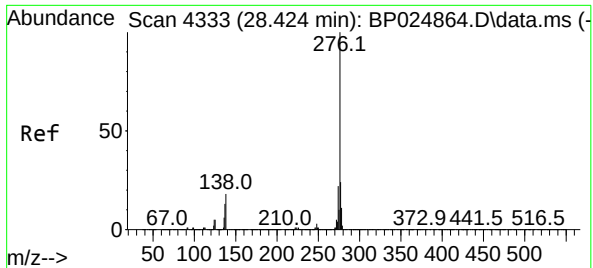
Tgt Ion:149 Resp: 4412263
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.4 6.6 10.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.724 min Scan# 3704
Delta R.T. 0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:264 Resp: 1547954
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.4
265 22.4 17.4 26.0

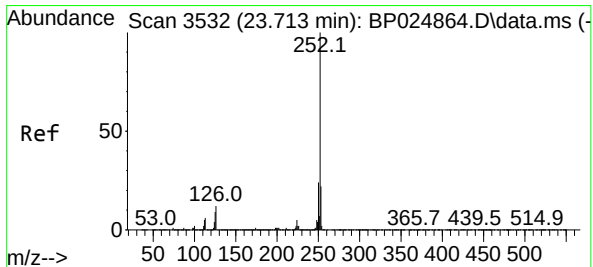
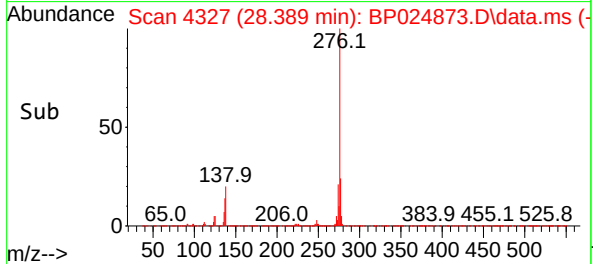
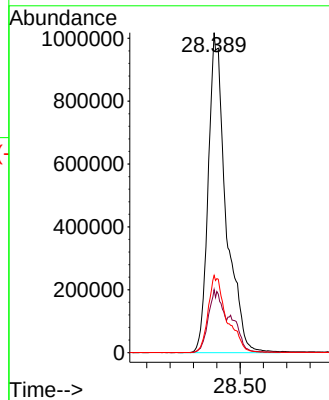
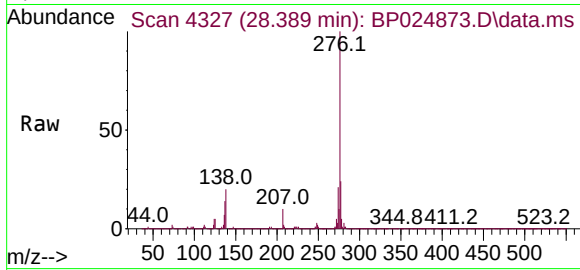




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.356 ng
 RT: 28.389 min Scan# 4333
 Delta R.T. -0.035 min
 Lab File: BP024873.D
 Acq: 09 Jun 2025 12:05

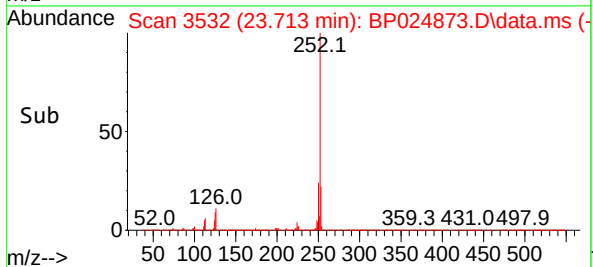
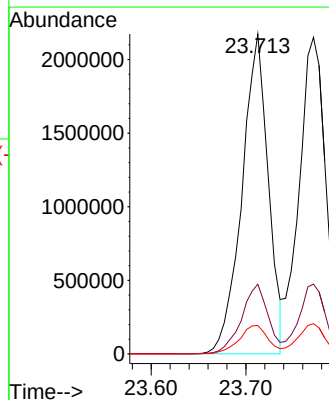
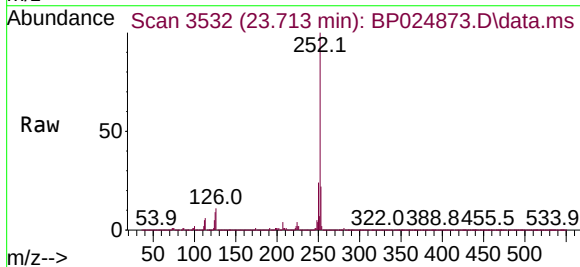
Instrument :
 BNA_P
 ClientSampleId :
 PB168323BS

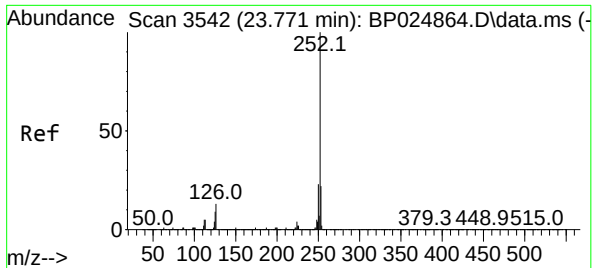
Tgt Ion:276 Resp: 5348458
 Ion Ratio Lower Upper
 276 100
 138 16.3 18.6 27.8#
 277 25.4 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 47.301 ng
 RT: 23.713 min Scan# 3532
 Delta R.T. -0.000 min
 Lab File: BP024873.D
 Acq: 09 Jun 2025 12:05

Tgt Ion:252 Resp: 4190360
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.6 26.4
 125 8.9 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 47.480 ng

RT: 23.771 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_P

ClientSampleId :

PB168323BS

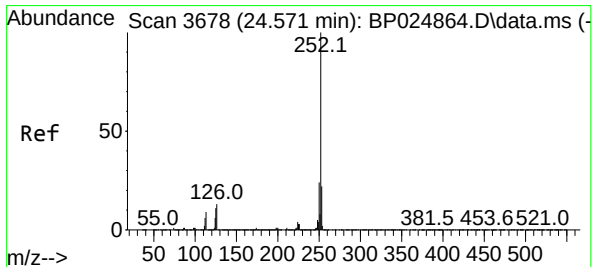
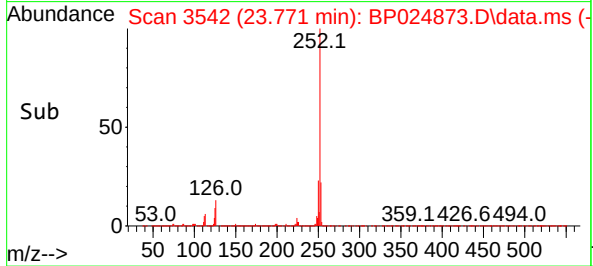
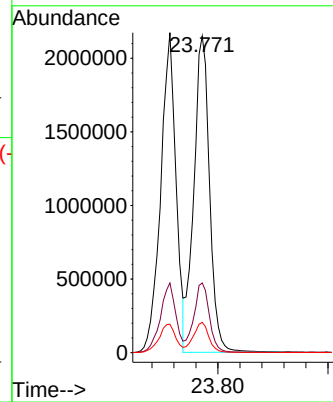
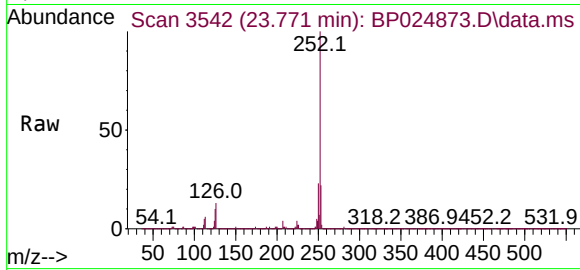
Tgt Ion:252 Resp: 4281583

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.5 7.4 11.0



#90

Benzo(a)pyrene

Concen: 47.699 ng

RT: 24.577 min Scan# 3679

Delta R.T. 0.006 min

Lab File: BP024873.D

Acq: 09 Jun 2025 12:05

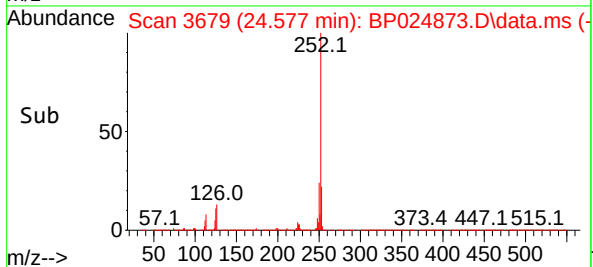
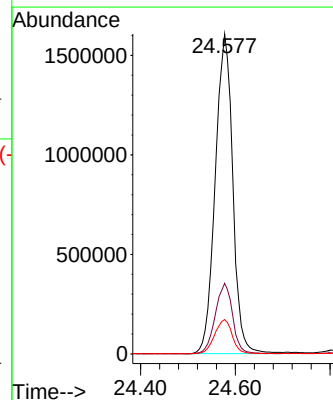
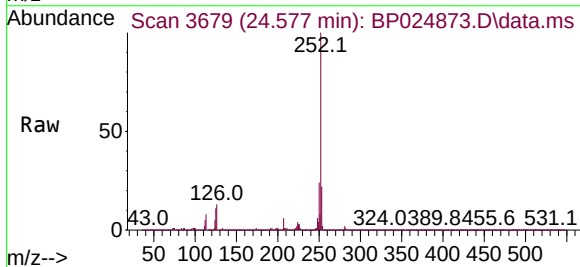
Tgt Ion:252 Resp: 4126678

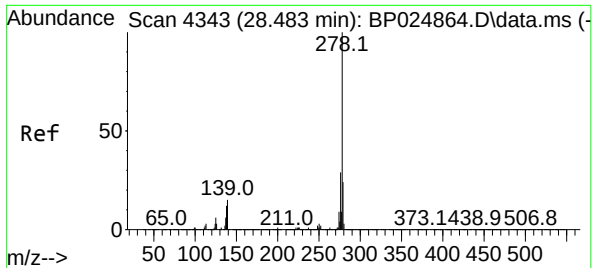
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.8 8.8 13.2

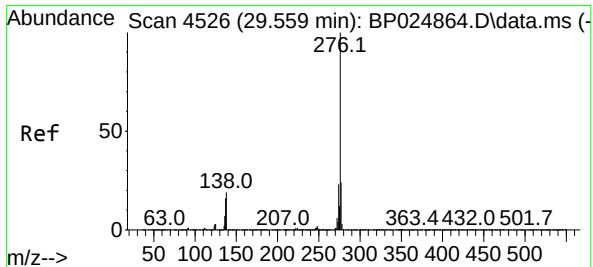
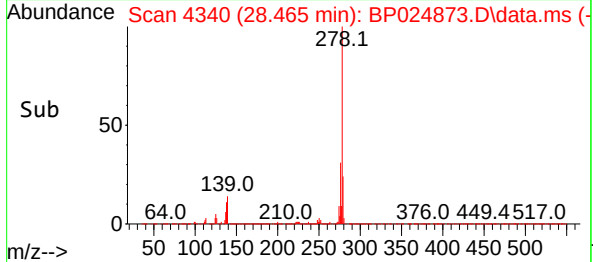
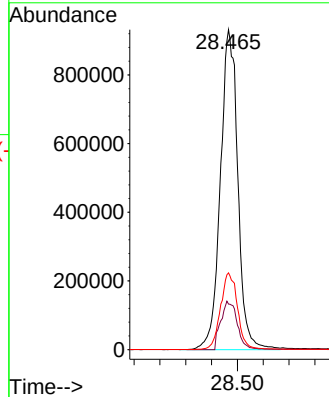
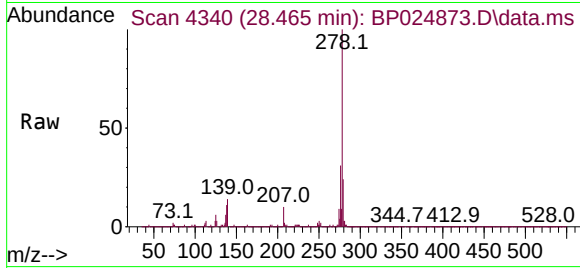




#91
Dibenzo(a,h)anthracene
Concen: 47.615 ng
RT: 28.465 min Scan# 4343
Delta R.T. -0.018 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

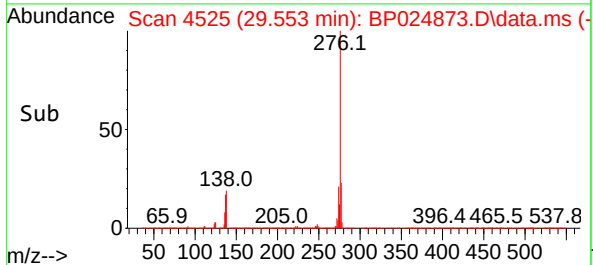
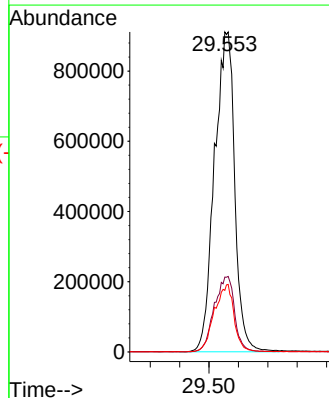
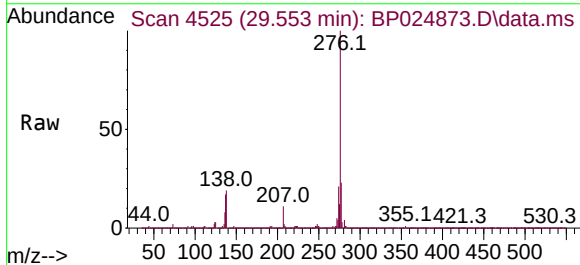
Instrument :
BNA_P
ClientSampleId :
PB168323BS

Tgt Ion:278 Resp: 4377382
Ion Ratio Lower Upper
278 100
139 14.2 12.0 18.0
279 24.0 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 47.614 ng
RT: 29.553 min Scan# 4525
Delta R.T. -0.006 min
Lab File: BP024873.D
Acq: 09 Jun 2025 12:05

Tgt Ion:276 Resp: 4343110
Ion Ratio Lower Upper
276 100
277 23.4 19.1 28.7
138 19.2 15.4 23.2



Report of Analysis

Client:	G Environmental	Date Collected:	06/04/25
Project:	Power	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425MS	SDG No.:	Q2209
Lab Sample ID:	Q2230-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024879.D	1	06/06/25 08:35	06/09/25 16:14	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	39.6		4.10	10.4	ug/L
111-44-4	bis(2-Chloroethyl)ether	51.3		0.84	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44.9		1.30	5.20	ug/L
98-86-2	Acetophenone	55.9		0.77	5.20	ug/L
621-64-7	n-Nitroso-di-n-propylamine	50.4		1.50	2.60	ug/L
67-72-1	Hexachloroethane	24.9		0.68	5.20	ug/L
98-95-3	Nitrobenzene	54.9		0.79	5.20	ug/L
78-59-1	Isophorone	51.6		0.78	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	52.2		0.71	5.20	ug/L
91-20-3	Naphthalene	42.7		0.52	5.20	ug/L
106-47-8	4-Chloroaniline	31.4		0.88	5.20	ug/L
87-68-3	Hexachlorobutadiene	28.9		0.56	5.20	ug/L
105-60-2	Caprolactam	11.7		1.20	10.4	ug/L
91-57-6	2-Methylnaphthalene	48.7		0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	62.8		3.80	10.4	ug/L
92-52-4	1,1-Biphenyl	50.2		0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	48.7		0.64	5.20	ug/L
88-74-4	2-Nitroaniline	51.3		1.30	5.20	ug/L
131-11-3	Dimethylphthalate	54.0		0.64	5.20	ug/L
208-96-8	Acenaphthylene	50.7		0.78	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	56.1		0.96	5.20	ug/L
99-09-2	3-Nitroaniline	33.9		1.10	5.20	ug/L
83-32-9	Acenaphthene	52.1		0.57	5.20	ug/L
132-64-9	Dibenzofuran	52.6		0.64	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	60.2		1.30	5.20	ug/L
84-66-2	Diethylphthalate	56.7		0.72	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	53.6		0.71	5.20	ug/L
86-73-7	Fluorene	53.8		0.66	5.20	ug/L
100-01-6	4-Nitroaniline	47.0		1.60	5.20	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	06/04/25
Project:	Power	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425MS	SDG No.:	Q2209
Lab Sample ID:	Q2230-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024879.D	1	06/06/25 08:35	06/09/25 16:14	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	52.4		0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	53.0		0.42	5.20	ug/L
118-74-1	Hexachlorobenzene	53.4		0.54	5.20	ug/L
1912-24-9	Atrazine	57.8		1.10	5.20	ug/L
85-01-8	Phenanthrene	53.7		0.52	5.20	ug/L
120-12-7	Anthracene	53.8		0.64	5.20	ug/L
86-74-8	Carbazole	57.9		0.75	5.20	ug/L
84-74-2	Di-n-butylphthalate	58.4		1.30	5.20	ug/L
206-44-0	Fluoranthene	57.7		0.85	5.20	ug/L
129-00-0	Pyrene	51.4		0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	56.8		2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	19.1		0.97	10.4	ug/L
56-55-3	Benzo(a)anthracene	54.6		0.47	5.20	ug/L
218-01-9	Chrysene	53.4		0.46	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	57.3		1.70	5.20	ug/L
117-84-0	Di-n-octyl phthalate	58.4		2.40	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	56.2		0.51	5.20	ug/L
207-08-9	Benzo(k)fluoranthene	53.1		0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	54.1		0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	56.3		0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	57.5		0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	56.4		0.72	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.6		0.54	5.20	ug/L
123-91-1	1,4-Dioxane	18.1		1.00	5.20	ug/L

SURROGATES

4165-60-0	Nitrobenzene-d5	90.5		30 (67) - 130 (132)	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.6		30 (52) - 130 (132)	86%	SPK: 100
1718-51-0	Terphenyl-d14	80.4		30 (42) - 130 (152)	80%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	226000	7.608			

Report of Analysis

Client:	G Environmental	Date Collected:	06/04/25
Project:	Power	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425MS	SDG No.:	Q2209
Lab Sample ID:	Q2230-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024879.D	1	06/06/25 08:35	06/09/25 16:14	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	938000	10.372			
15067-26-2	Acenaphthene-d10	608000	14.248			
1517-22-2	Phenanthrene-d10	1240000	17.042			
1719-03-5	Chrysene-d12	1490000	21.471			
1520-96-3	Perylene-d12	1840000	24.713			

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\BP060925\
 Data File : BP024879.D
 Acq On : 09 Jun 2025 16:14
 Operator : RC/JU
 Sample : Q2230-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GW-MW01-060425MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 16:37:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	226271	20.000	ng	0.00
21) Naphthalene-d8	10.372	136	937705	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	608220	20.000	ng	0.00
64) Phenanthrene-d10	17.042	188	1235201	20.000	ng	-0.02
76) Chrysene-d12	21.471	240	1490396	20.000	ng	-0.01
86) Perylene-d12	24.713	264	1839742	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1074133	79.239	ng	0.00
7) Phenol-d6	6.813	99	910001	50.737	ng	0.00
23) Nitrobenzene-d5	8.755	82	1746878	90.525	ng	0.00
42) 2,4,6-Tribromophenol	15.766	330	1358561	161.561	ng	-0.02
45) 2-Fluorobiphenyl	12.854	172	3865377	85.613	ng	0.00
79) Terphenyl-d14	19.772	244	6686167	80.403	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	103583	17.366	ng	98
3) Pyridine	3.567	79	219668	15.314	ng	99
4) n-Nitrosodimethylamine	3.472	42	133962	22.843	ng	# 97
6) Aniline	6.949	93	639123	27.923	ng	99
8) 2-Chlorophenol	7.184	128	670519	43.633	ng	99
9) Benzaldehyde	6.761	77	392669	37.983	ng	# 78
10) Phenol	6.837	94	339071	18.338	ng	97
11) bis(2-Chloroethyl)ether	7.043	93	715637	49.210	ng	99
12) 1,3-Dichlorobenzene	7.496	146	416765	24.311	ng	97
13) 1,4-Dichlorobenzene	7.643	146	432880	25.026	ng	99
14) 1,2-Dichlorobenzene	7.949	146	451268	26.568	ng	99
15) Benzyl Alcohol	7.855	79	501705	36.448	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.119	45	819608	43.061	ng	100
17) 2-Methylphenol	8.066	107	478615	37.069	ng	99
18) Hexachloroethane	8.666	117	155606m	23.894	ng	
19) n-Nitroso-di-n-propyla...	8.407	70	589747	48.369	ng	99
20) 3+4-Methylphenols	8.390	107	696463	39.537	ng	96
22) Acetophenone	8.425	105	1270478	53.626	ng	98
24) Nitrobenzene	8.802	77	903653	52.712	ng	100
25) Isophorone	9.319	82	1657547	49.562	ng	100
26) 2-Nitrophenol	9.502	139	428106	50.612	ng	100
27) 2,4-Dimethylphenol	9.572	122	669434	46.243	ng	99
28) bis(2-Chloroethoxy)met...	9.796	93	999092	50.080	ng	100
29) 2,4-Dichlorophenol	10.049	162	707035	50.902	ng	98
30) 1,2,4-Trichlorobenzene	10.243	180	516309	32.956	ng	98
31) Naphthalene	10.419	128	1968432	40.963	ng	99
32) Benzoic acid	9.731	122	287683	29.408	ng	97
33) 4-Chloroaniline	10.549	127	606221	30.111	ng	100
34) Hexachlorobutadiene	10.701	225	262066	27.754	ng	99
35) Caprolactam	11.384	113	57413	11.229	ng	91
36) 4-Chloro-3-methylphenol	11.696	107	778238	48.575	ng	99
37) 2-Methylnaphthalene	12.043	142	1423955	46.715	ng	100
38) 1-Methylnaphthalene	12.260	142	1532980	47.041	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	772203	44.743	ng	100
41) Hexachlorocyclopentadiene	12.390	237	634443	60.270	ng	98
43) 2,4,6-Trichlorophenol	12.672	196	619974	53.491	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024879.D
 Acq On : 09 Jun 2025 16:14
 Operator : RC/JU
 Sample : Q2230-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GW-MW01-060425MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 16:37:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	689722	55.567	ng	99
46) 1,1'-Biphenyl	13.066	154	2130271	48.195	ng	99
47) 2-Chloronaphthalene	13.113	162	1586923	46.713	ng	99
48) 2-Nitroaniline	13.331	65	513858	49.201	ng	98
49) Acenaphthylene	13.966	152	2758277	48.695	ng	100
50) Dimethylphthalate	13.707	163	2326607	51.855	ng	99
51) 2,6-Dinitrotoluene	13.831	165	520460	53.809	ng	98
52) Acenaphthene	14.313	154	1623696	50.024	ng	100
53) 3-Nitroaniline	14.172	138	327021	32.579	ng	97
54) 2,4-Dinitrophenol	14.390	184	631766	98.895	ng	97
55) Dibenzofuran	14.654	168	2632901	50.534	ng	99
56) 4-Nitrophenol	14.531	139	373587	46.400	ng	96
57) 2,4-Dinitrotoluene	14.637	165	781392	57.752	ng	94
58) Fluorene	15.313	166	2173195	51.633	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.895	232	614576	55.416	ng	99
60) Diethylphthalate	15.089	149	2433354	54.419	ng	98
61) 4-Chlorophenyl-phenyle...	15.307	204	1058252	51.423	ng	99
62) 4-Nitroaniline	15.354	138	410751	45.131	ng	92
63) Azobenzene	15.607	77	2201630	53.685	ng	98
65) 4,6-Dinitro-2-methylph...	15.413	198	417305	51.415	ng	98
66) n-Nitrosodiphenylamine	15.537	169	1925767	50.300	ng	100
67) 4-Bromophenyl-phenylether	16.219	248	709283	50.892	ng	99
68) Hexachlorobenzene	16.336	284	866860	51.306	ng	95
69) Atrazine	16.513	200	769920	55.473	ng	99
70) Pentachlorophenol	16.701	266	1182979	135.284	ng	99
71) Phenanthrene	17.089	178	3521952	51.597	ng	99
72) Anthracene	17.183	178	3572743	51.681	ng	100
73) Carbazole	17.466	167	3563378	55.611	ng	99
74) Di-n-butylphthalate	18.048	149	4450239	56.055	ng	100
75) Fluoranthene	19.172	202	4382489	55.394	ng	99
77) Benzidine	19.395	184	20413m	0.442	ng	
78) Pyrene	19.542	202	4596154	49.362	ng	100
80) Butylbenzylphthalate	20.501	149	2325334	54.521	ng	96
81) Benzo(a)anthracene	21.448	228	4992990	52.380	ng	100
82) 3,3'-Dichlorobenzidine	21.377	252	694512	18.352	ng	99
83) Chrysene	21.519	228	4628895	51.249	ng	99
84) Bis(2-ethylhexyl)phtha...	21.383	149	3362786	55.031	ng	99
85) Di-n-octyl phthalate	22.624	149	6039039	56.069	ng	99
87) Indeno(1,2,3-cd)pyrene	28.395	276	7251483	54.022	ng	# 94
88) Benzo(b)fluoranthene	23.695	252	5677984	53.928	ng	99
89) Benzo(k)fluoranthene	23.760	252	5461372	50.958	ng	99
90) Benzo(a)pyrene	24.565	252	5342607	51.959	ng	99
91) Dibenzo(a,h)anthracene	28.465	278	6032384	55.211	ng	100
92) Benzo(g,h,i)perylene	29.536	276	5867002	54.120	ng	99

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

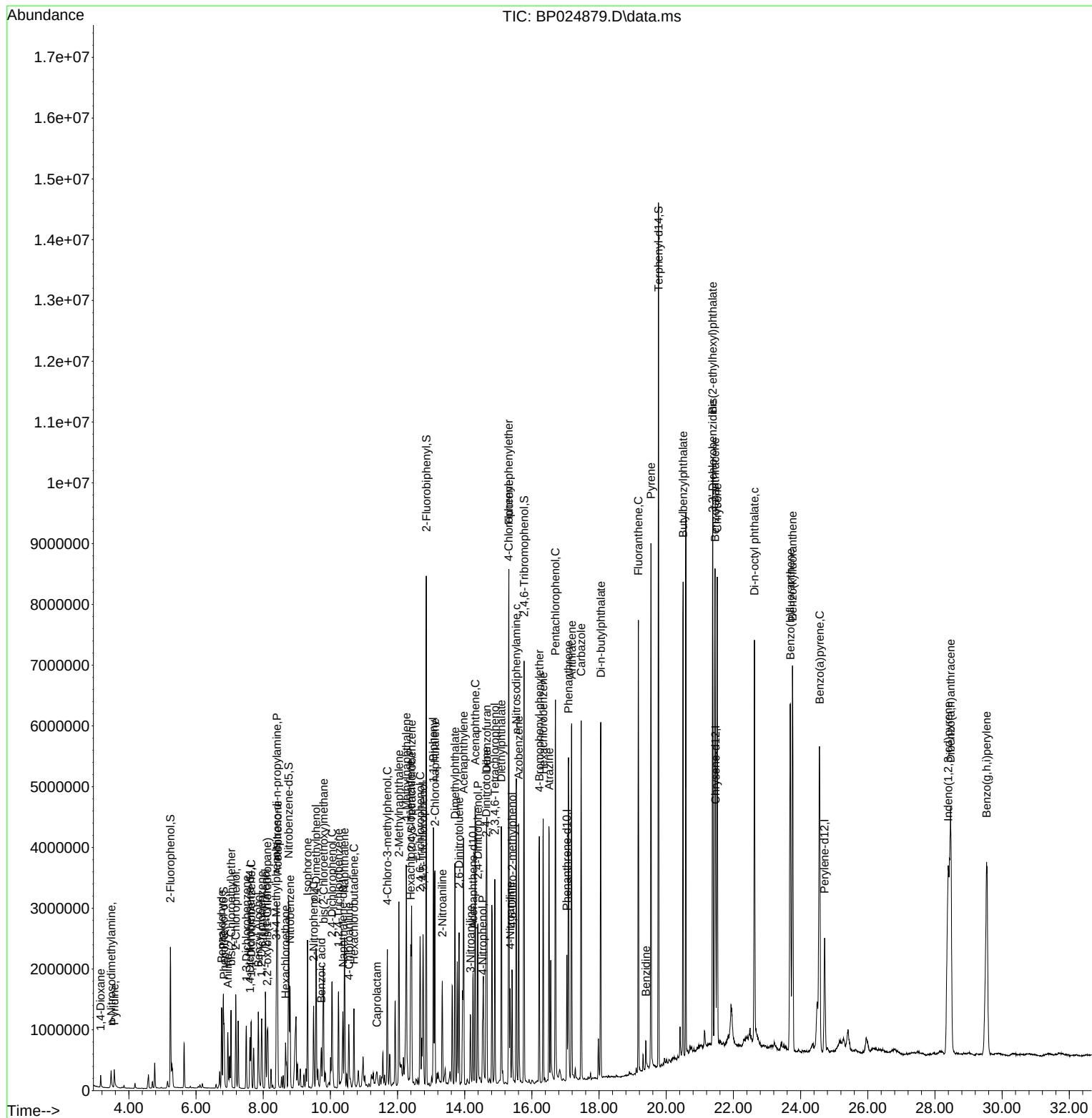
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\  
Data File : BP024879.D  
Acq On    : 09 Jun 2025  16:14  
Operator   : RC/JU  
Sample    : Q2230-03MS  
Misc      :  
ALS Vial  : 10    Sample Multiplier: 1
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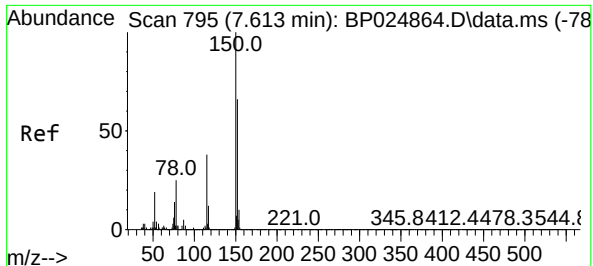
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

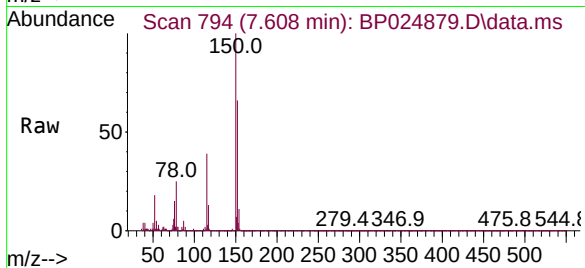
Quant Time: Jun 09 16:37:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

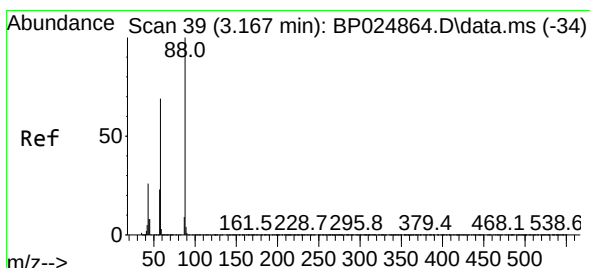
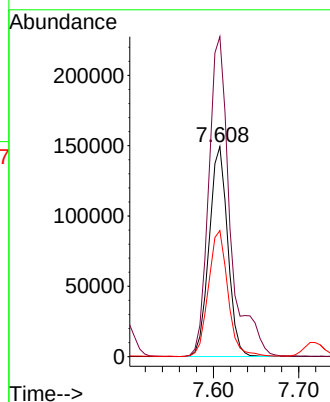
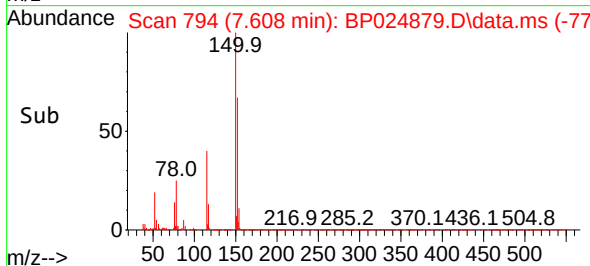
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion: 152 Resp: 22627
Ion Ratio Lower Upper
152 100
150 152.4 122.1 183.1
115 60.1 46.4 69.6

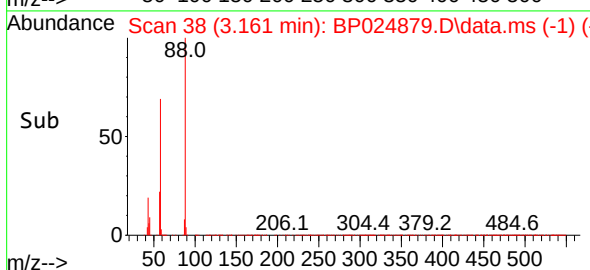
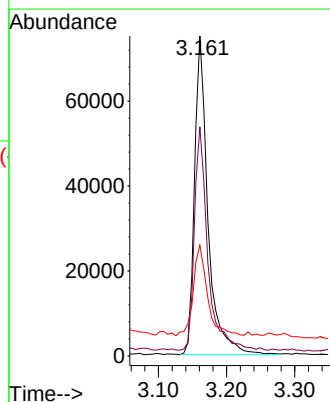
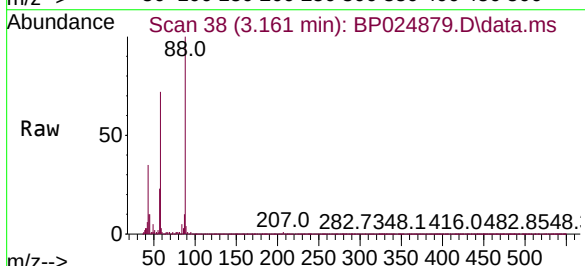
Manual Integrations
APPROVED

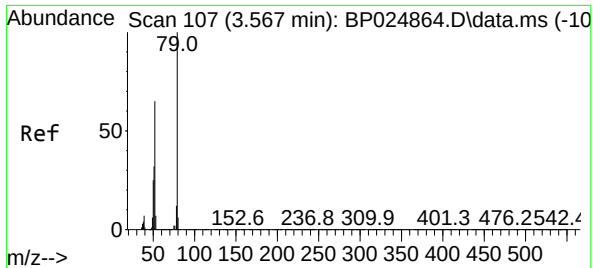
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#2
1,4-Dioxane
Concen: 17.366 ng
RT: 3.161 min Scan# 38
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

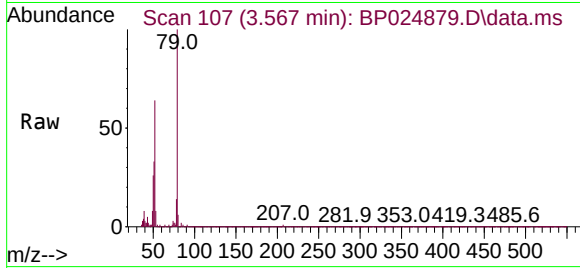
Tgt Ion: 88 Resp: 103583
Ion Ratio Lower Upper
88 100
58 69.6 55.4 83.0
43 29.8 20.8 31.2





#3
Pyridine
Concen: 15.314 ng
RT: 3.567 min Scan# 10
Delta R.T. -0.000 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

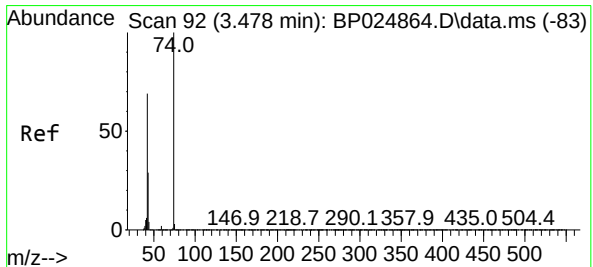
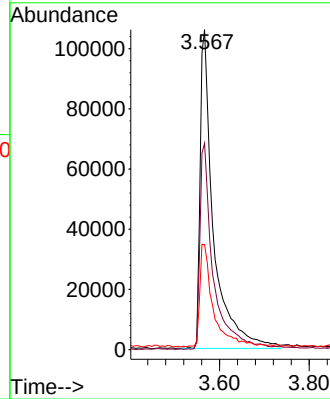
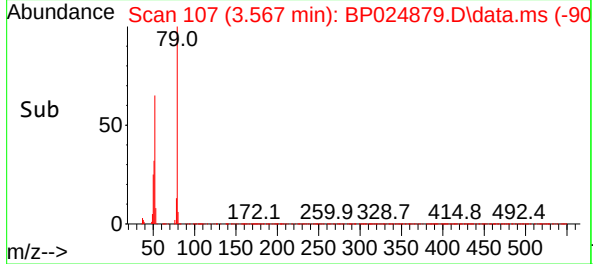
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion: 79 Resp: 219668
Ion Ratio Lower Upper
79 100
52 64.5 51.6 77.4
51 32.8 25.5 38.3

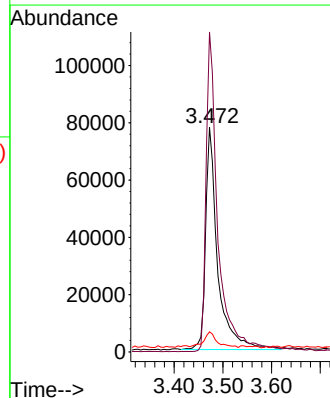
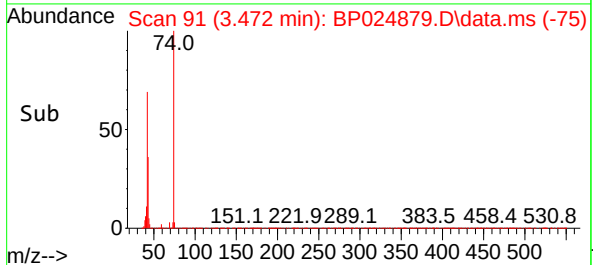
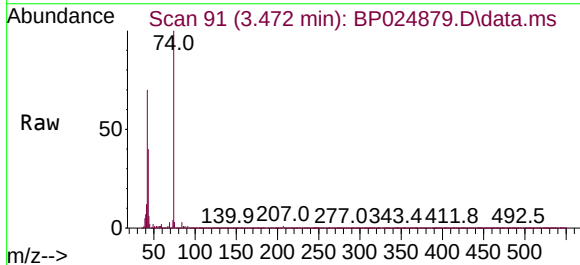
Manual Integrations
APPROVED

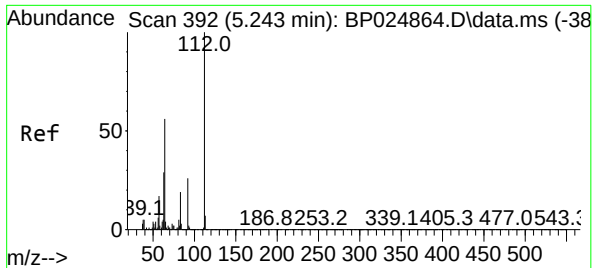
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#4
n-Nitrosodimethylamine
Concen: 22.843 ng
RT: 3.472 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

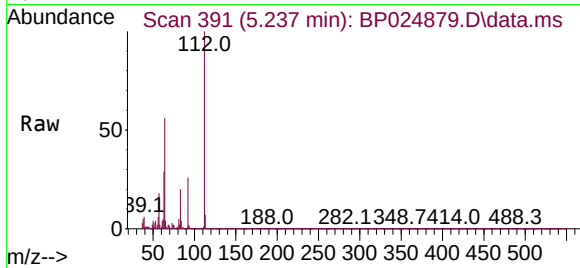
Tgt Ion: 42 Resp: 133962
Ion Ratio Lower Upper
42 100
74 142.5 116.6 174.8
44 9.0 5.4 8.0





#5
2-Fluorophenol
Concen: 79.239 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

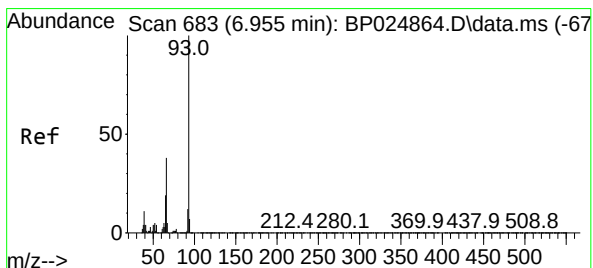
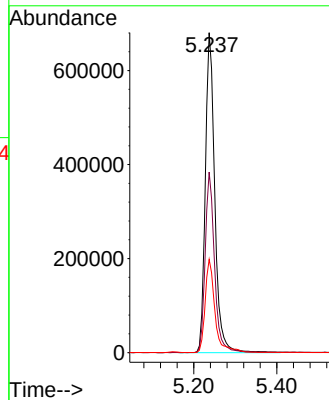
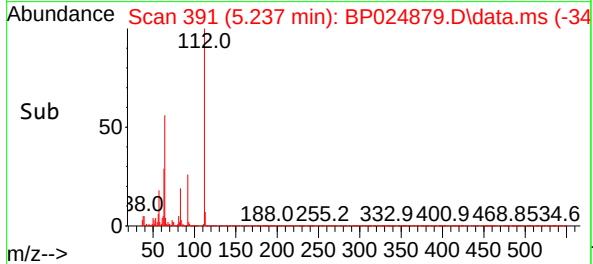
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion: 112 Resp: 1074133
Ion Ratio Lower Upper
112 100
64 56.4 44.7 67.1
63 29.1 23.5 35.3

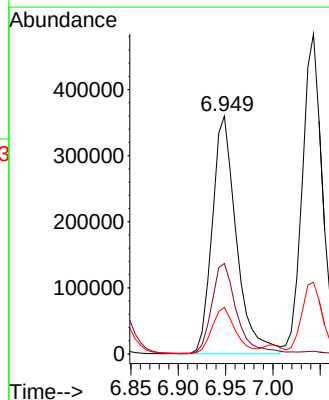
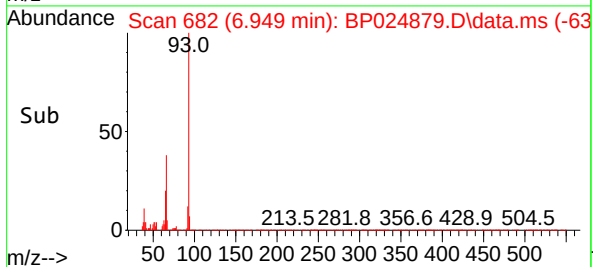
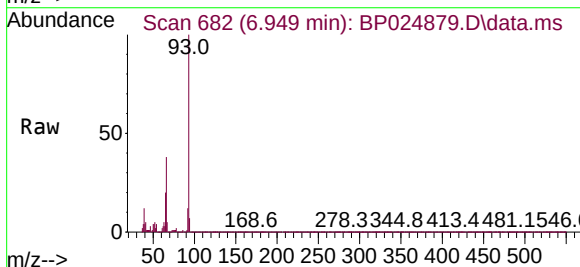
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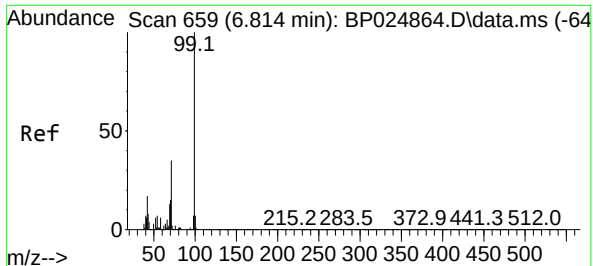
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#6
Aniline
Concen: 27.923 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

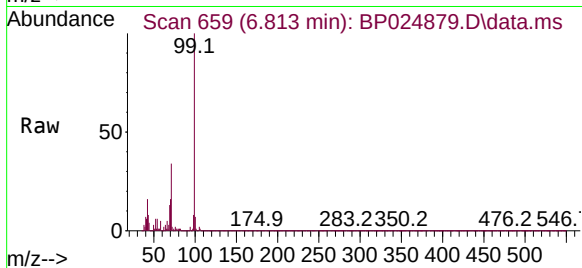
Tgt Ion: 93 Resp: 639123
Ion Ratio Lower Upper
93 100
66 38.1 30.9 46.3
65 19.6 15.5 23.3





#7
Phenol-d6
Concen: 50.737 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

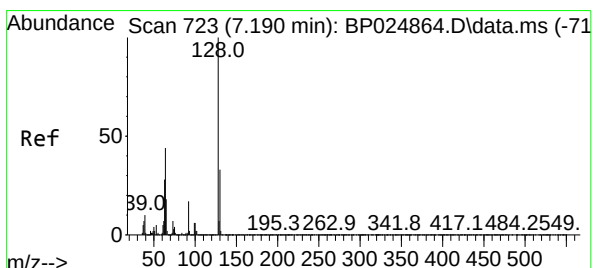
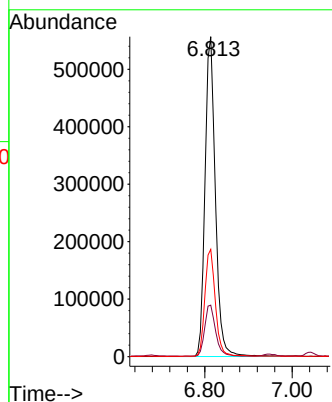
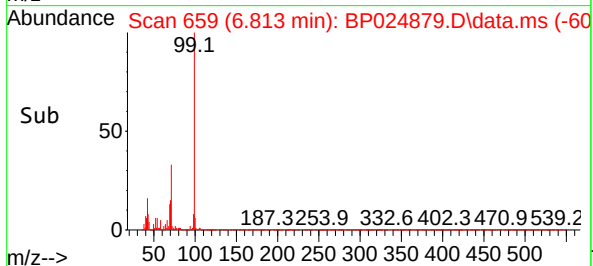
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion: 99 Resp: 91000
Ion Ratio Lower Upper
99 100
42 16.1 13.4 20.2
71 33.5 27.6 41.4

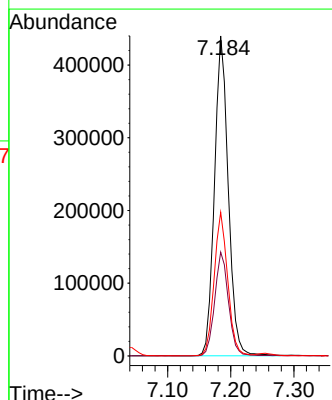
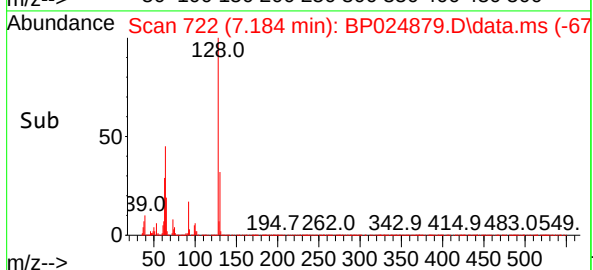
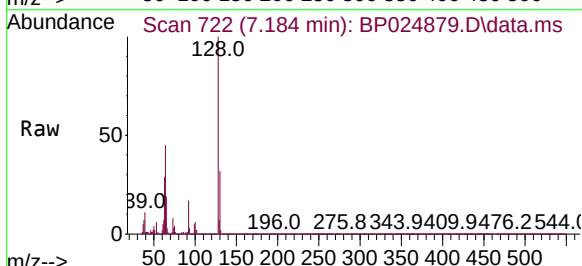
Manual Integrations
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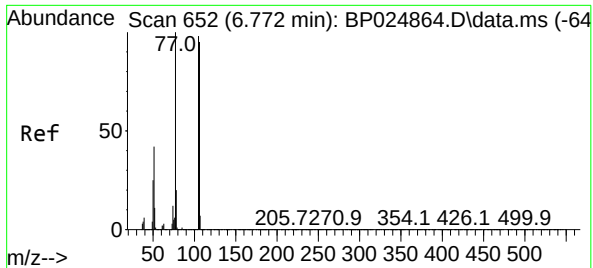
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#8
2-Chlorophenol
Concen: 43.633 ng
RT: 7.184 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

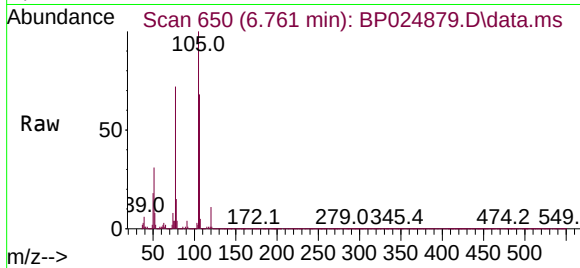
Tgt Ion:128 Resp: 670519
Ion Ratio Lower Upper
128 100
130 32.4 12.6 52.6
64 44.9 24.1 64.1





#9
Benzaldehyde
Concen: 37.983 ng
RT: 6.761 min Scan# 652
Delta R.T. -0.012 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

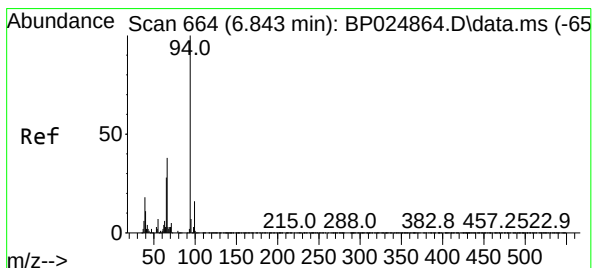
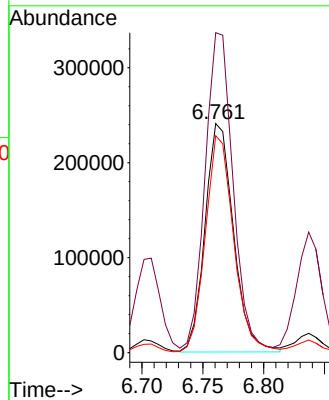
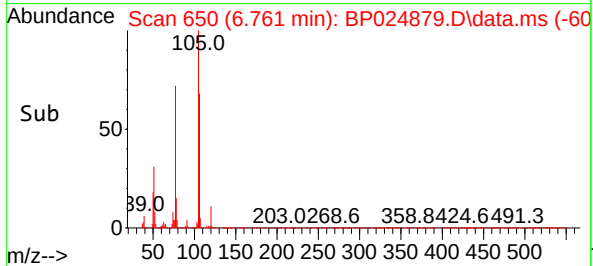
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion: 77 Resp: 392669
Ion Ratio Lower Upper
77 100
105 139.7 77.7 117.7
106 94.7 74.8 114.8

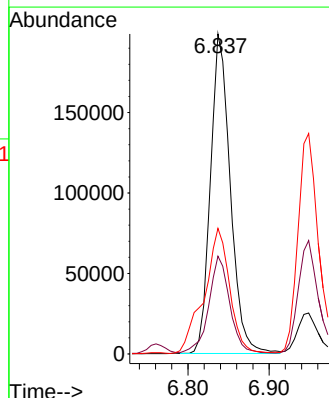
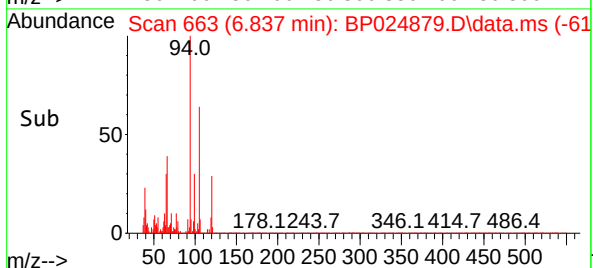
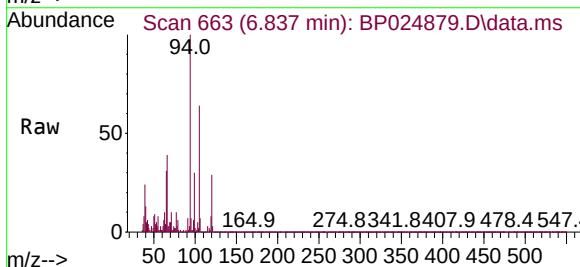
Manual Integrations
APPROVED

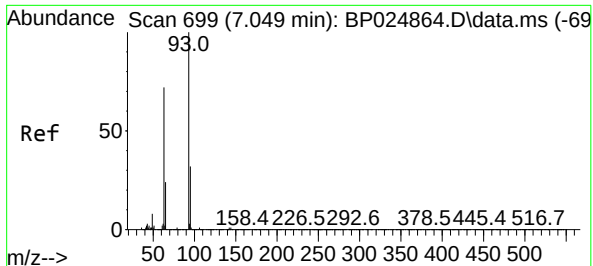
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#10
Phenol
Concen: 18.338 ng
RT: 6.837 min Scan# 663
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

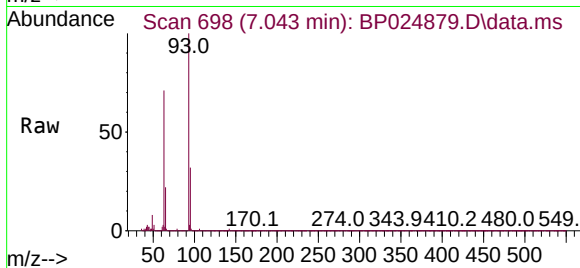
Tgt Ion: 94 Resp: 339071
Ion Ratio Lower Upper
94 100
65 30.5 8.3 48.3
66 39.3 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 49.210 ng
RT: 7.043 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

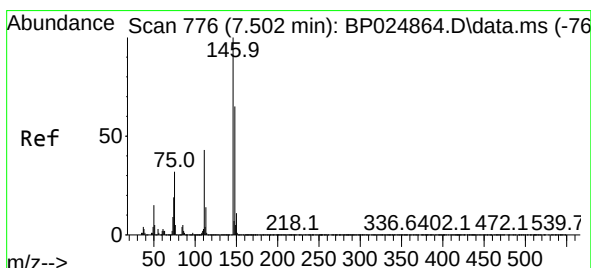
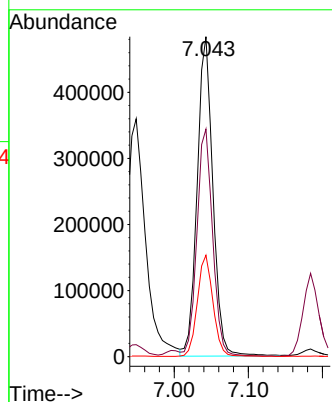
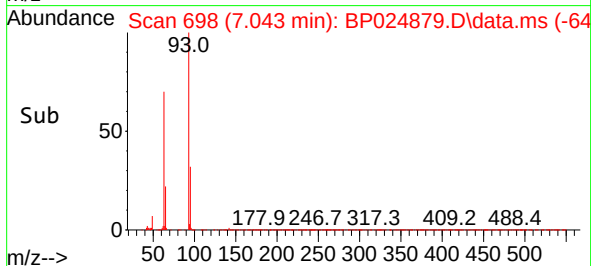
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion: 93 Resp: 71563
Ion Ratio Lower Upper
93 100
63 71.1 51.6 91.6
95 31.7 12.1 52.1

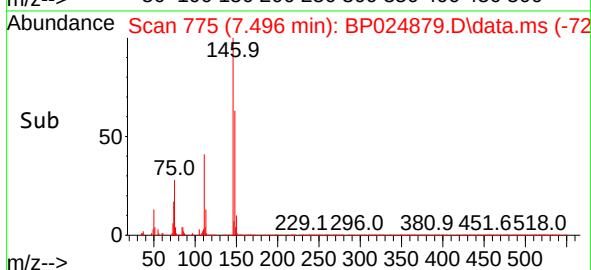
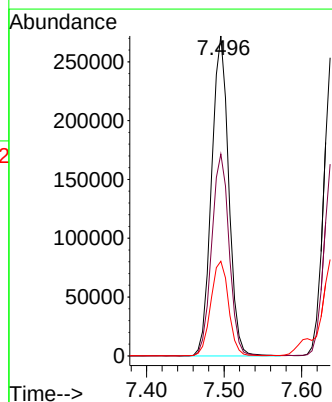
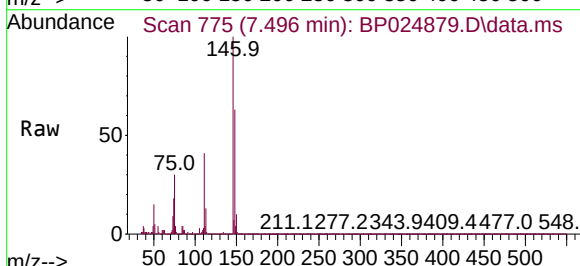
Manual Integrations
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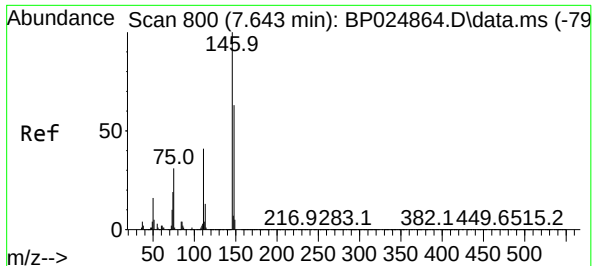
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#12
1,3-Dichlorobenzene
Concen: 24.311 ng
RT: 7.496 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

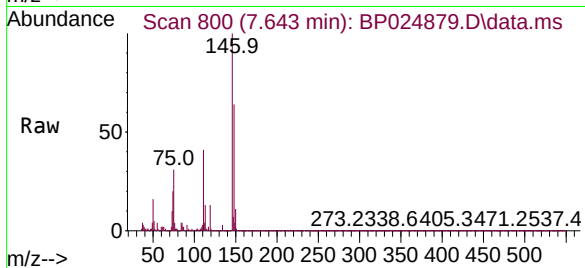
Tgt Ion:146 Resp: 416765
Ion Ratio Lower Upper
146 100
148 63.1 51.8 77.8
75 29.6 25.3 37.9





#13
1,4-Dichlorobenzene
Concen: 25.026 ng
RT: 7.643 min Scan# 800
Delta R.T. -0.000 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

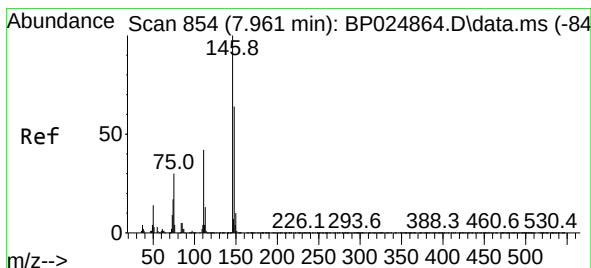
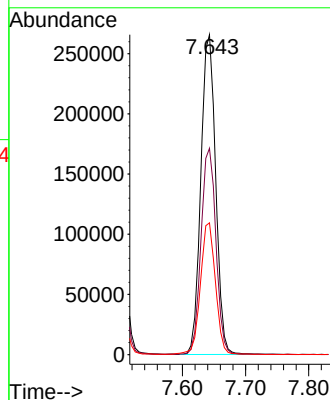
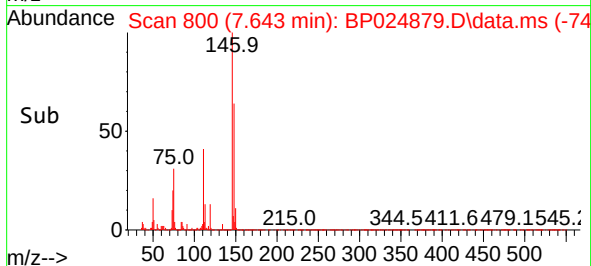
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion:146 Resp: 432880
Ion Ratio Lower Upper
146 100
148 64.5 50.8 76.2
111 41.2 32.7 49.1

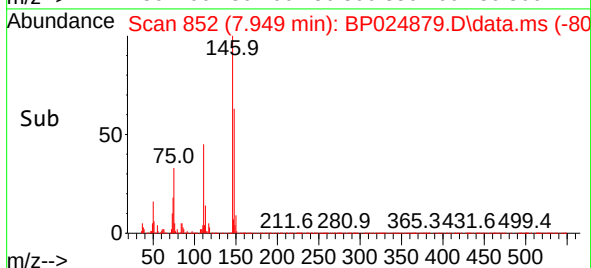
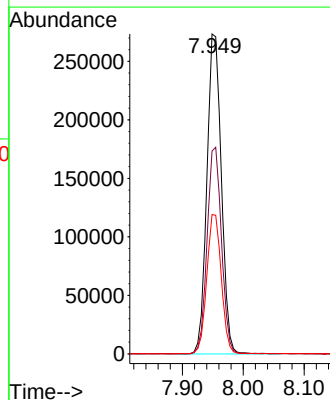
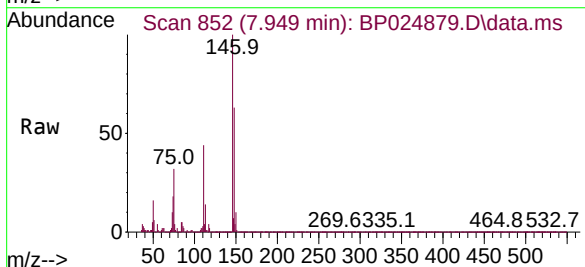
Manual Integrations
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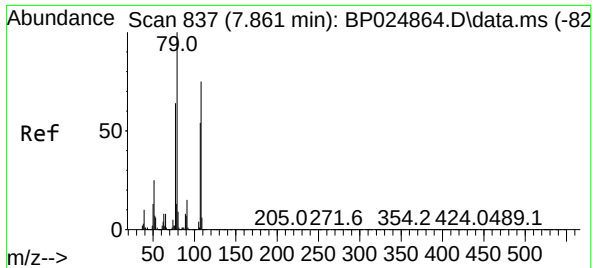
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#14
1,2-Dichlorobenzene
Concen: 26.568 ng
RT: 7.949 min Scan# 852
Delta R.T. -0.012 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

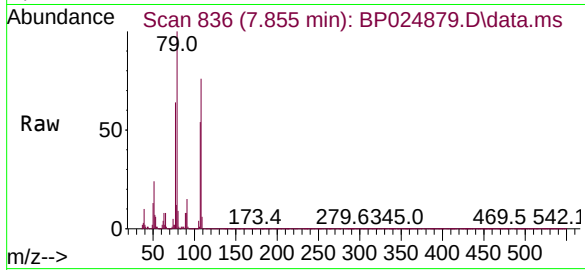
Tgt Ion:146 Resp: 451268
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.4
111 43.5 33.8 50.8





#15
Benzyl Alcohol
Concen: 36.448 ng
RT: 7.855 min Scan# 831
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

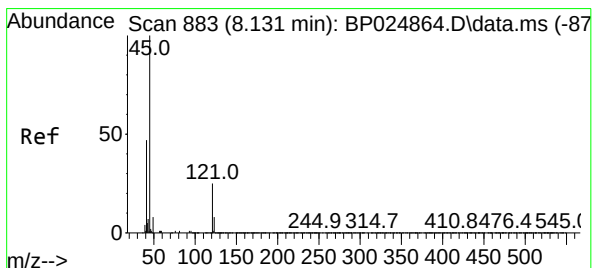
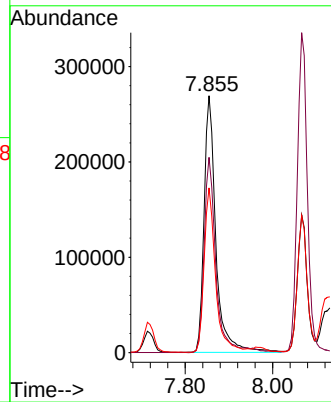
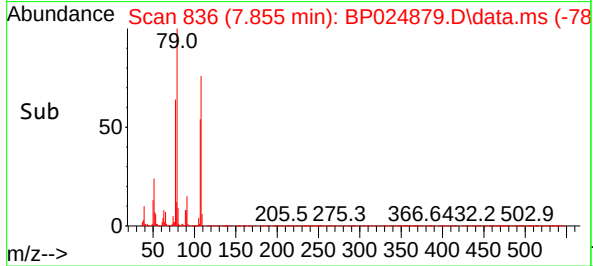
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



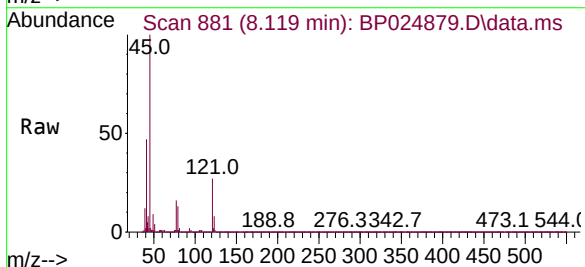
Tgt Ion: 79 Resp: 501705
Ion Ratio Lower Upper
79 100
108 76.0 60.2 90.4
77 64.1 51.2 76.8

Manual Integrations
APPROVED

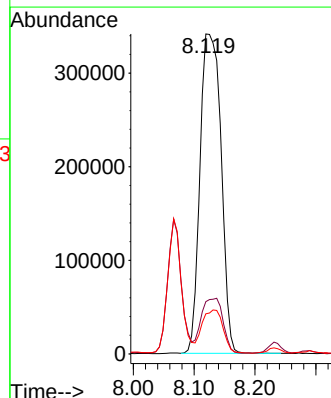
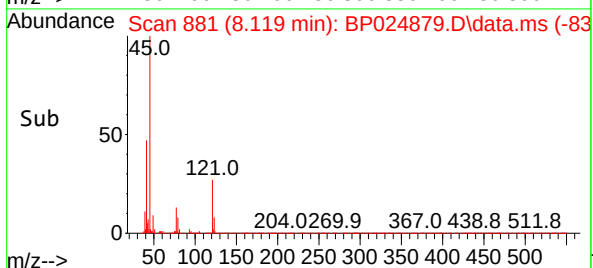
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

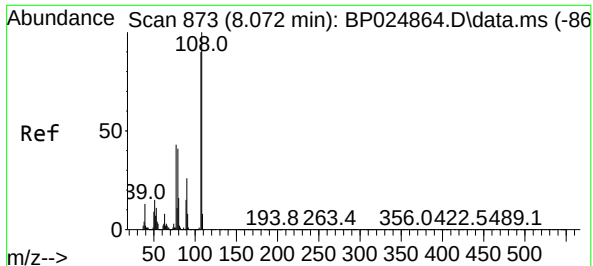


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.061 ng
RT: 8.119 min Scan# 881
Delta R.T. -0.012 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14



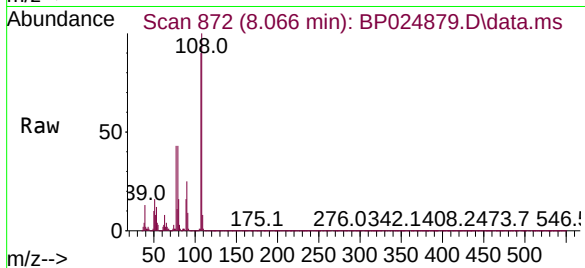
Tgt Ion: 45 Resp: 819608
Ion Ratio Lower Upper
45 100
77 16.3 0.0 36.3
79 12.6 0.0 32.2





#17
2-Methylphenol
Concen: 37.069 ng
RT: 8.066 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

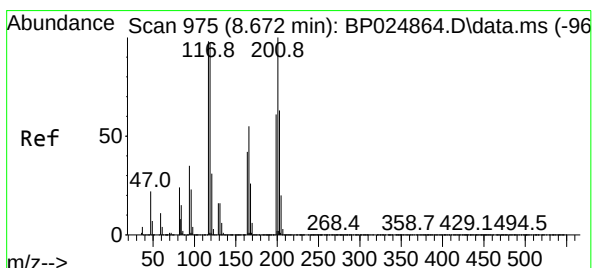
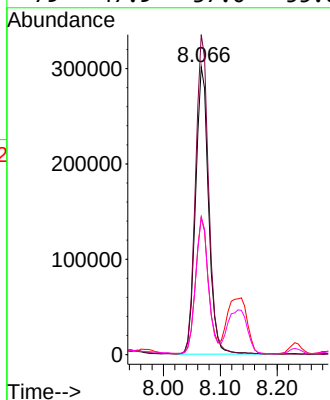
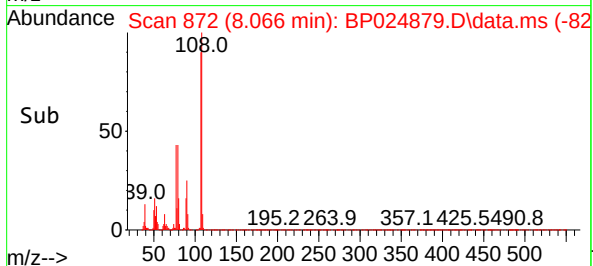
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion:107 Resp: 478615
Ion Ratio Lower Upper
107 100
108 111.2 88.6 132.8
77 47.7 38.5 57.7
79 47.9 37.0 55.6

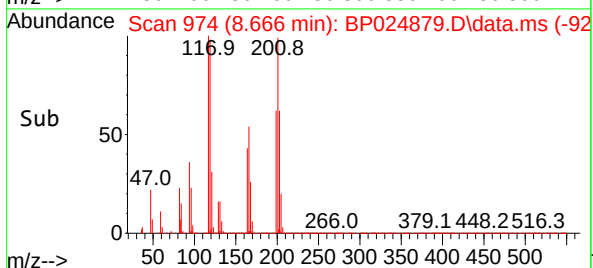
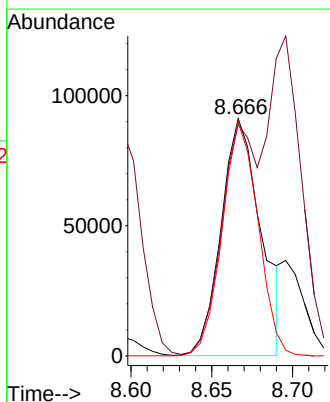
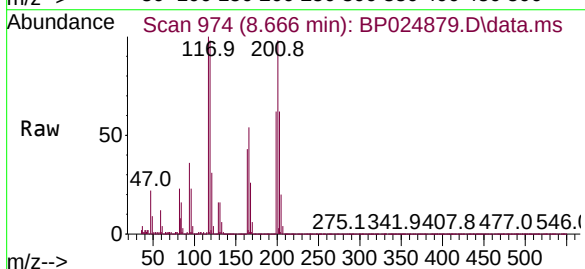
Manual Integrations
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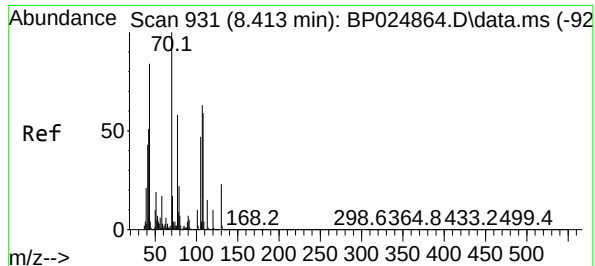
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#18
Hexachloroethane
Concen: 23.894 ng m
RT: 8.666 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Tgt Ion:117 Resp: 155606
Ion Ratio Lower Upper
117 100
119 97.7 79.4 119.2
201 98.4 81.4 122.2





#19

n-Nitroso-di-n-propylamine

Concen: 48.369 ng

RT: 8.407 min Scan# 931

Delta R.T. -0.006 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion: 70 Resp: 58974

Ion Ratio Lower Upper

70 100

42 50.8 41.2 61.8

101 10.2 8.3 12.5

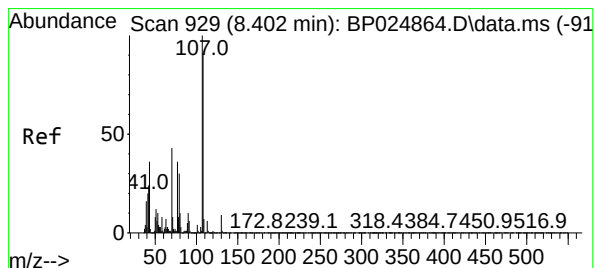
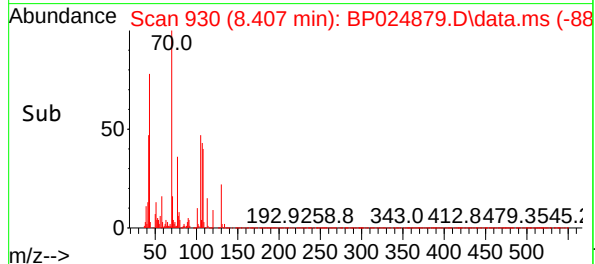
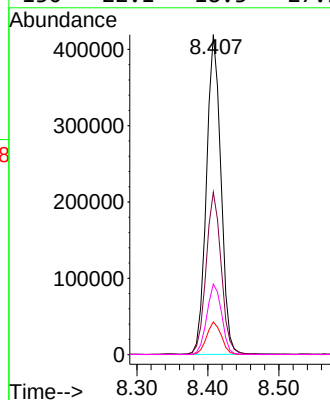
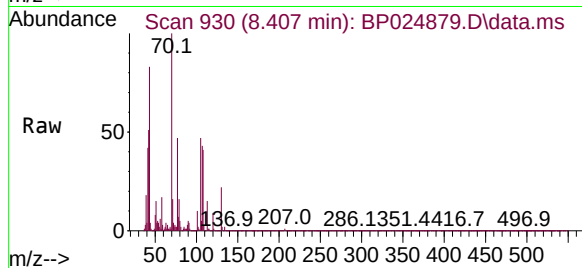
130 22.1 18.3 27.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#20

3+4-Methylphenols

Concen: 39.537 ng

RT: 8.390 min Scan# 927

Delta R.T. -0.012 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Tgt Ion:107 Resp: 696463

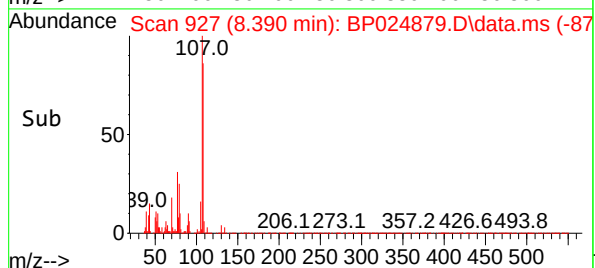
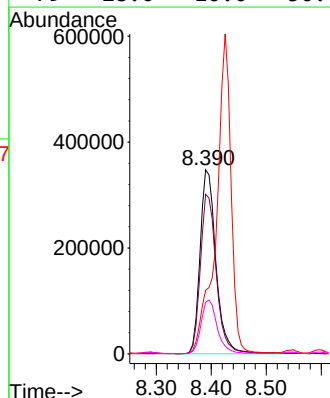
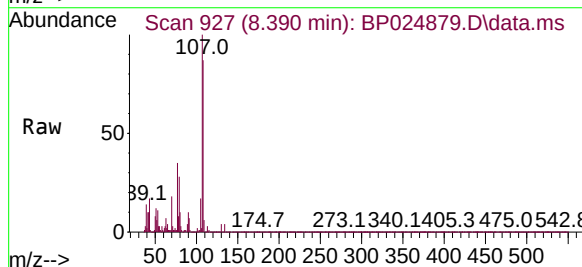
Ion Ratio Lower Upper

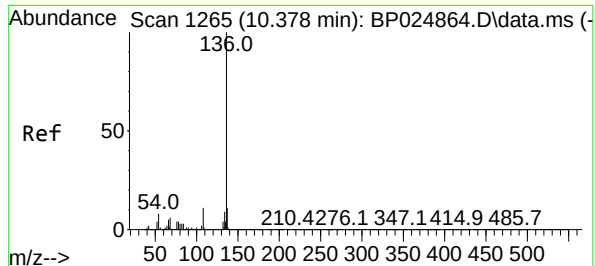
107 100

108 86.7 70.7 110.7

77 34.6 16.6 56.6

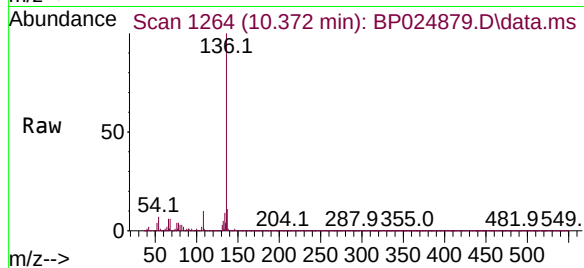
79 28.0 10.0 50.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 136
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

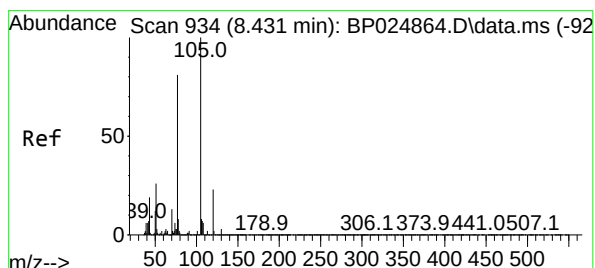
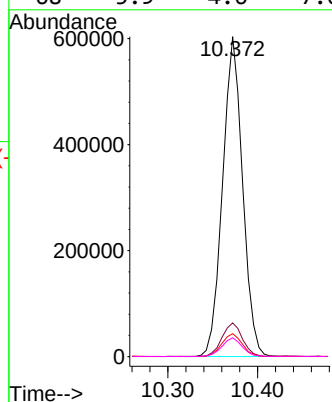
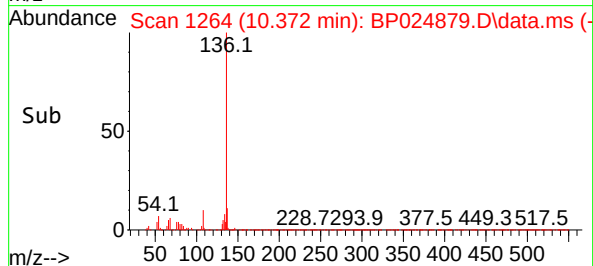
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion:136 Resp: 937705
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.2 6.1 9.1
68 5.9 4.6 7.0

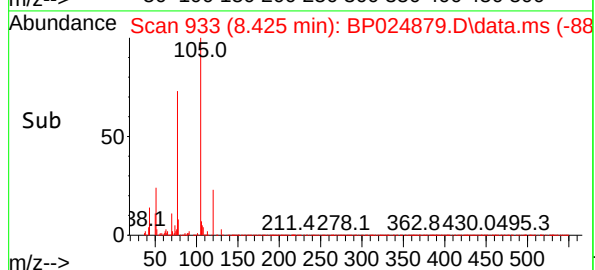
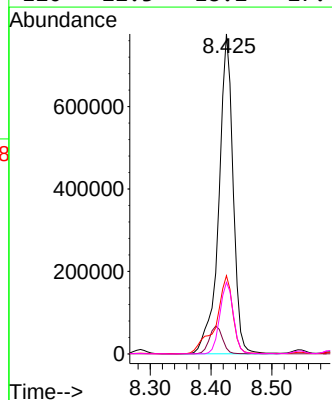
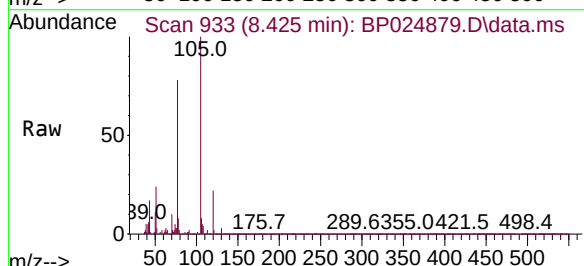
Manual Integrations
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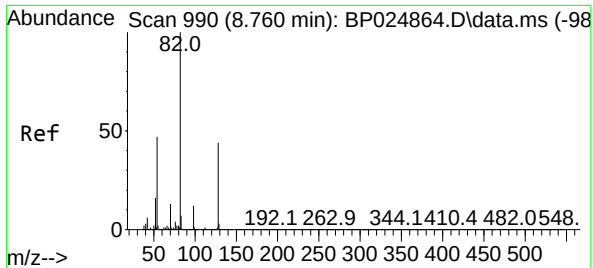
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#22
Acetophenone
Concen: 53.626 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Tgt Ion:105 Resp: 1270478
Ion Ratio Lower Upper
105 100
71 1.8 1.6 2.4
51 24.4 20.6 31.0
120 22.3 18.2 27.4





#23

Nitrobenzene-d5

Concen: 90.525 ng

RT: 8.755 min Scan# 989

Delta R.T. -0.006 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion: 82 Resp: 1746878

Ion Ratio Lower Upper

82 100

128 43.7 35.3 52.9

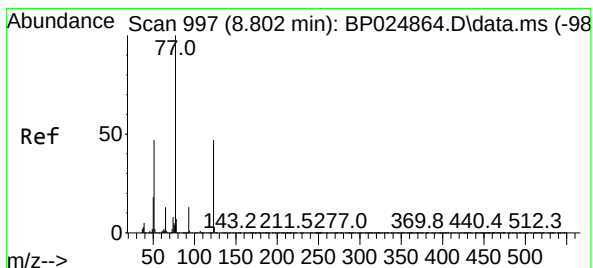
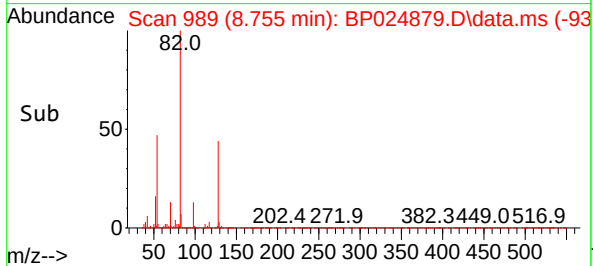
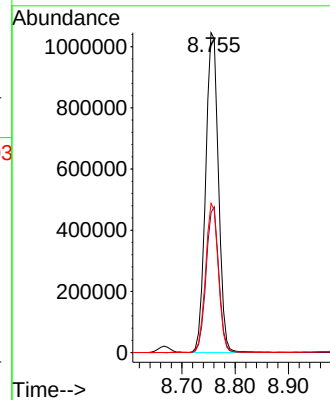
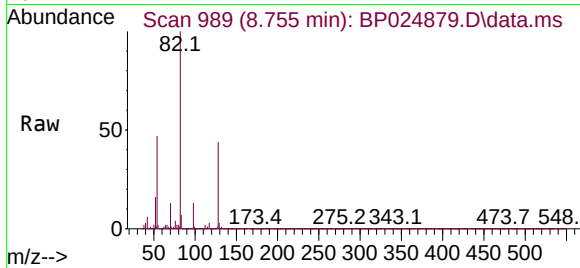
54 46.6 37.4 56.0

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#24

Nitrobenzene

Concen: 52.712 ng

RT: 8.802 min Scan# 997

Delta R.T. -0.000 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

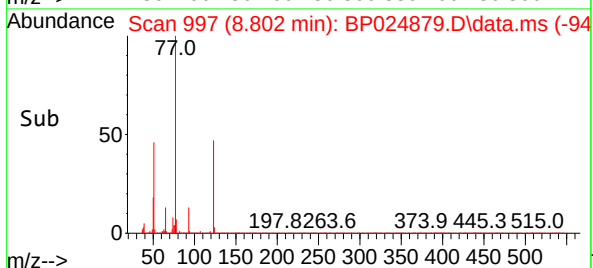
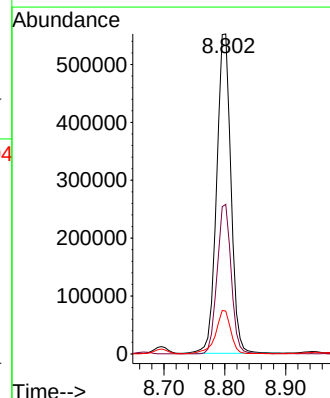
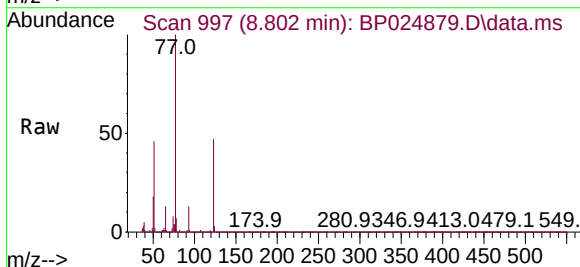
Tgt Ion: 77 Resp: 903653

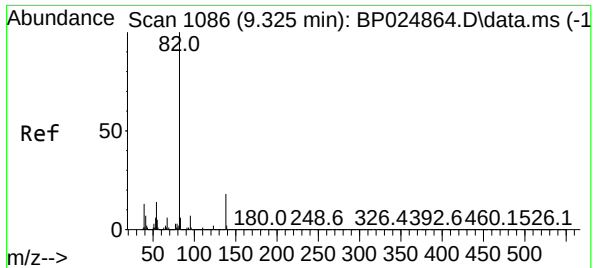
Ion Ratio Lower Upper

77 100

123 46.7 37.3 55.9

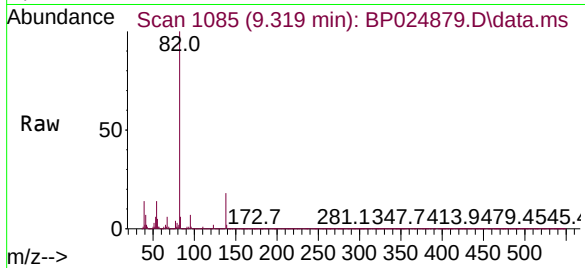
65 13.4 10.8 16.2





#25
Isophorone
Concen: 49.562 ng
RT: 9.319 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

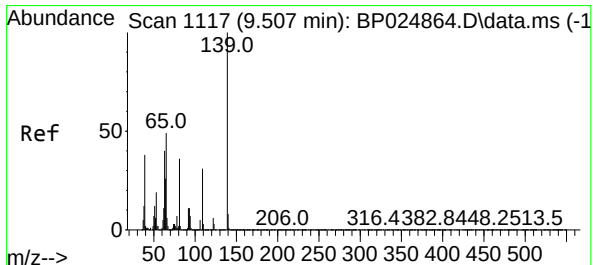
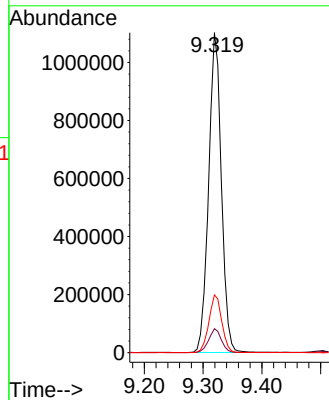
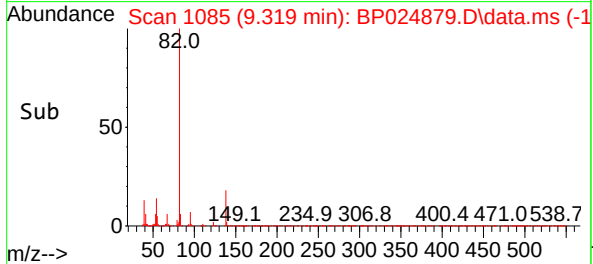
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion: 82 Resp: 165754
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.0 14.6 21.8

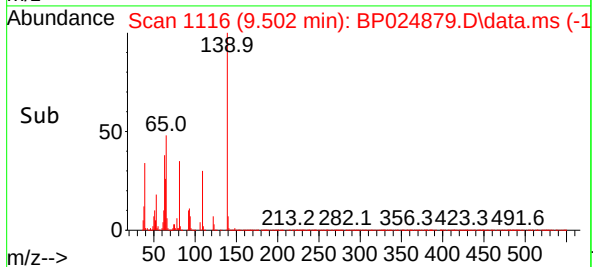
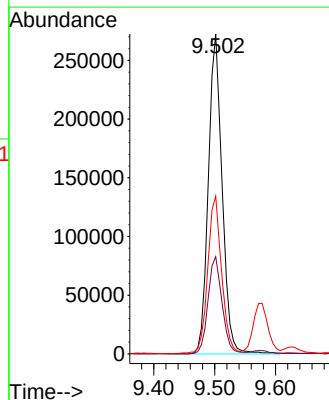
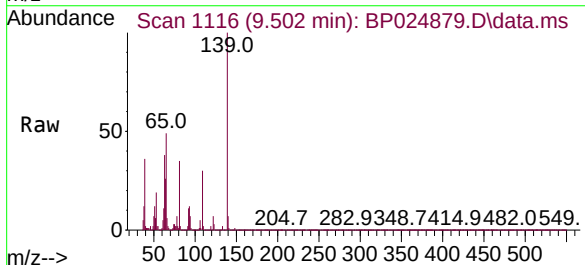
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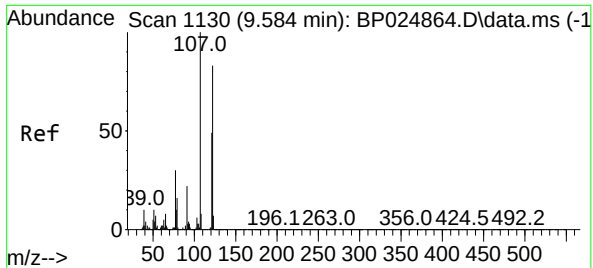
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#26
2-Nitrophenol
Concen: 50.612 ng
RT: 9.502 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

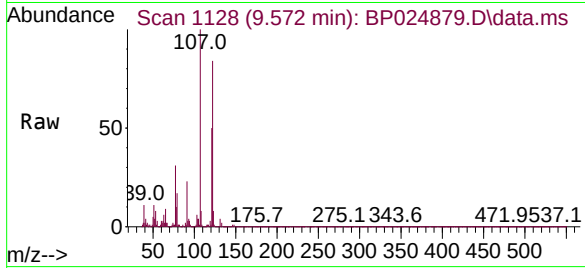
Tgt Ion:139 Resp: 428106
Ion Ratio Lower Upper
139 100
109 30.4 24.6 37.0
65 49.3 39.5 59.3





#27
2,4-Dimethylphenol
Concen: 46.243 ng
RT: 9.572 min Scan# 111
Delta R.T. -0.012 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

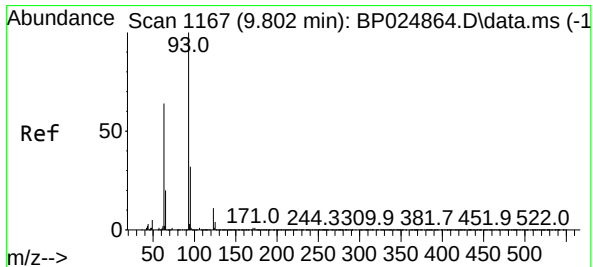
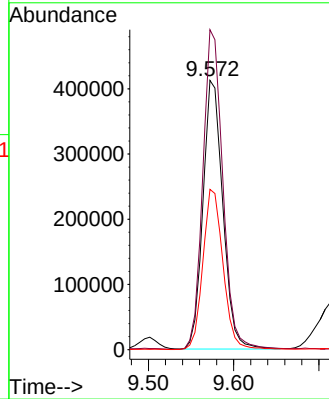
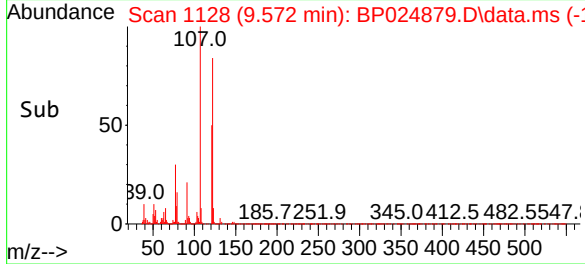
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion: 122 Resp: 669434
Ion Ratio Lower Upper
122 100
107 118.8 96.2 144.4
121 59.5 47.0 70.4

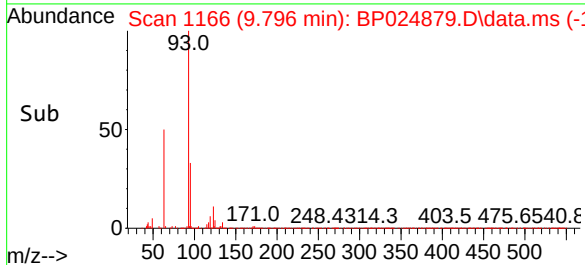
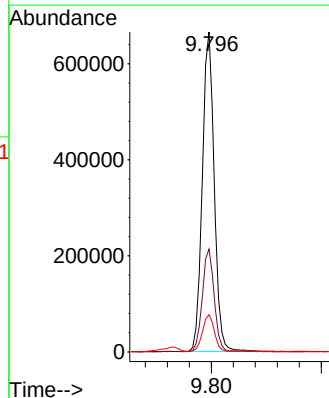
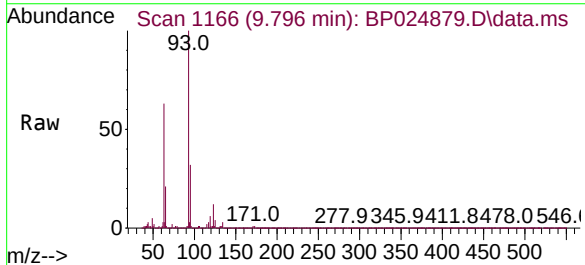
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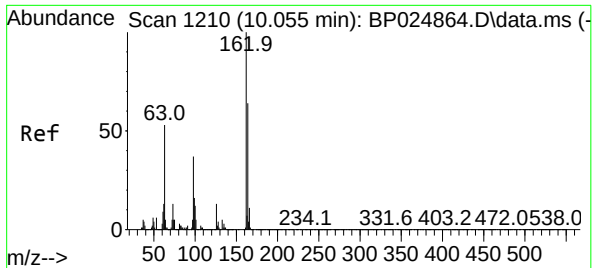
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#28
bis(2-Chloroethoxy)methane
Concen: 50.080 ng
RT: 9.796 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Tgt Ion: 93 Resp: 999092
Ion Ratio Lower Upper
93 100
95 32.1 25.5 38.3
123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 50.902 ng

RT: 10.049 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion:162 Resp: 707035

Ion Ratio Lower Upper

162 100

164 62.8 44.0 84.0

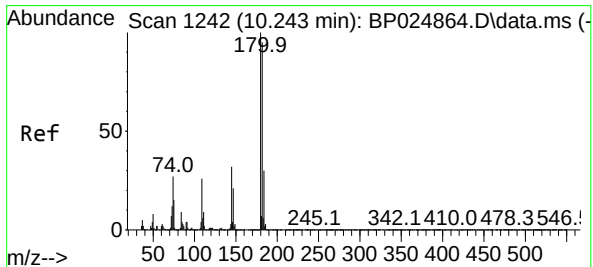
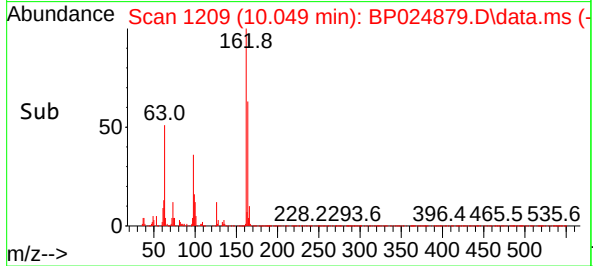
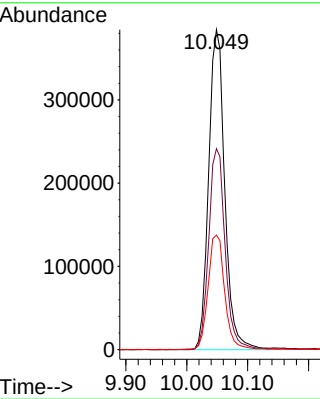
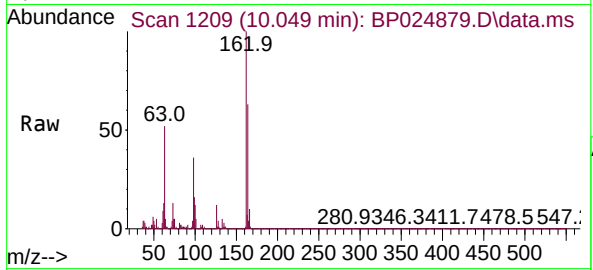
98 35.8 16.9 56.9

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#30

1,2,4-Trichlorobenzene

Concen: 32.956 ng

RT: 10.243 min Scan# 1242

Delta R.T. -0.000 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

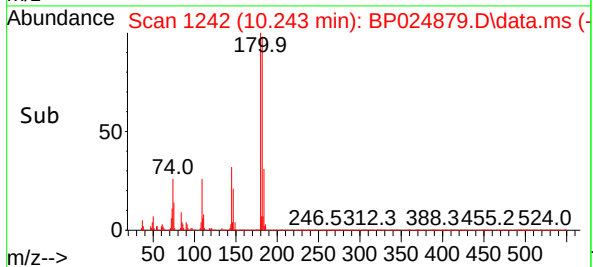
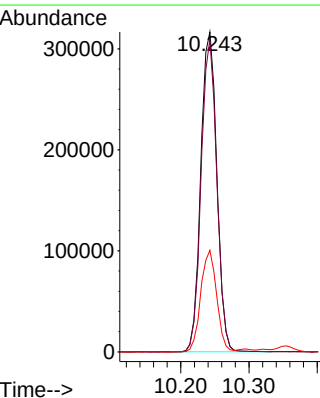
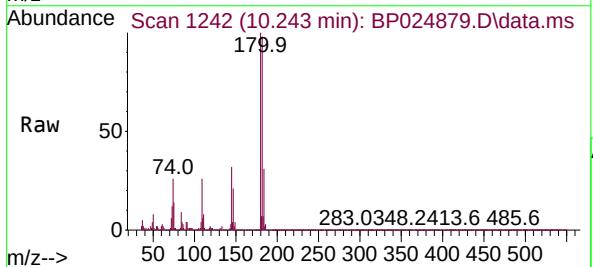
Tgt Ion:180 Resp: 516309

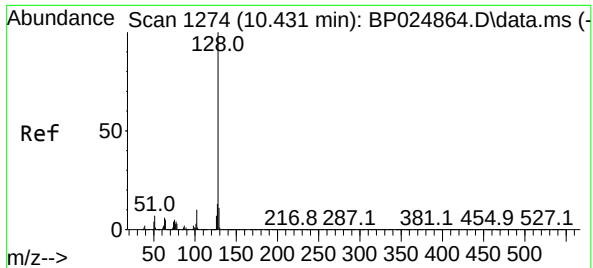
Ion Ratio Lower Upper

180 100

182 97.7 75.8 113.6

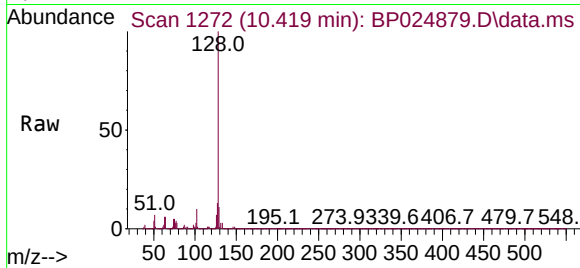
145 31.7 25.7 38.5





#31
Naphthalene
Concen: 40.963 ng
RT: 10.419 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

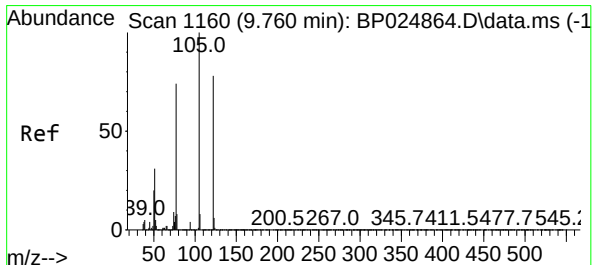
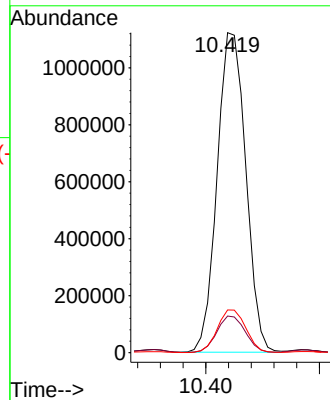
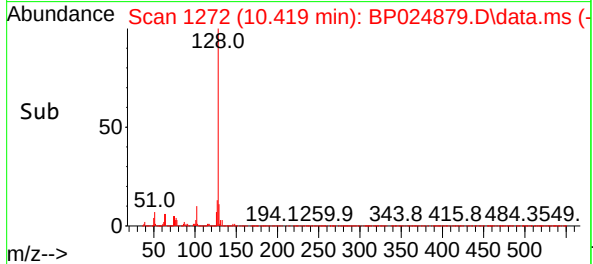
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion:128 Resp: 1968432
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.3 10.7 16.1

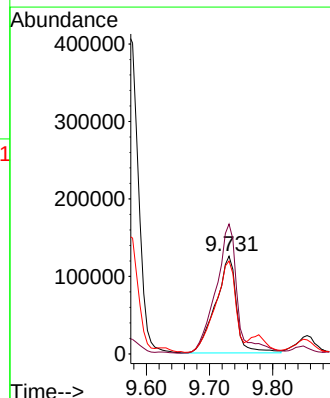
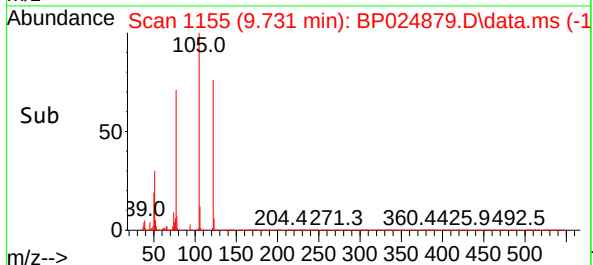
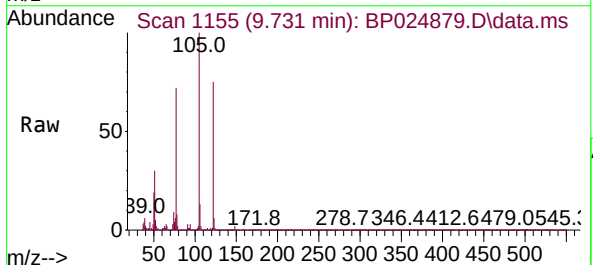
Manual Integrations
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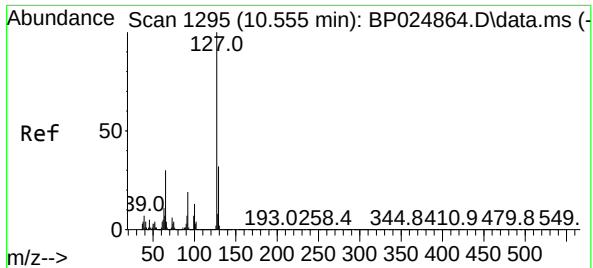
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#32
Benzoic acid
Concen: 29.408 ng
RT: 9.731 min Scan# 1155
Delta R.T. -0.029 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

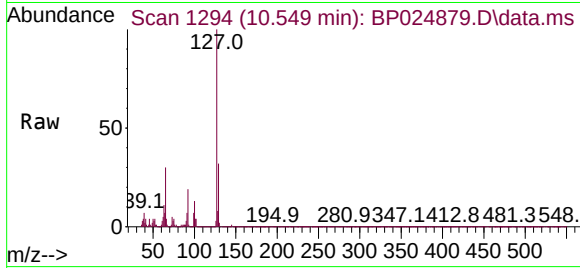
Tgt Ion:122 Resp: 287683
Ion Ratio Lower Upper
122 100
105 132.9 107.1 147.1
77 95.1 75.1 115.1





#33
4-Chloroaniline
Concen: 30.111 ng
RT: 10.549 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

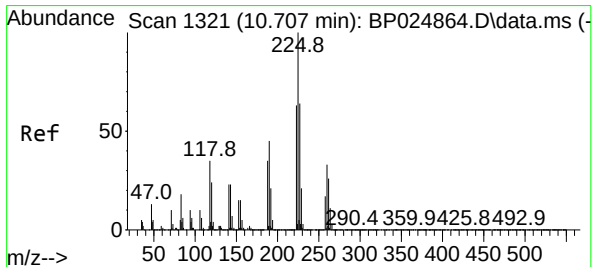
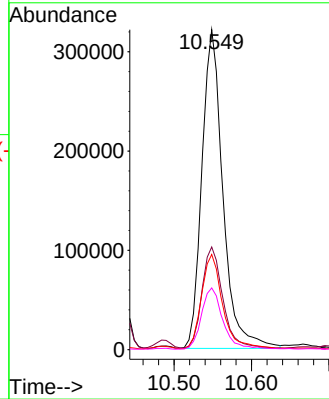
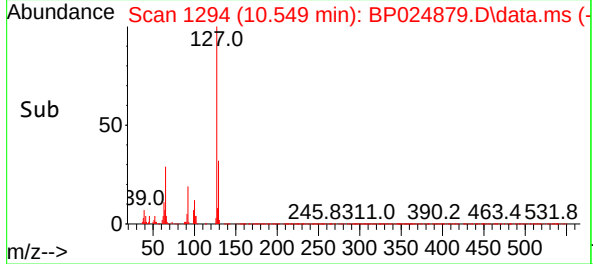
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion:127 Resp: 606221
Ion Ratio Lower Upper
127 100
129 32.1 25.9 38.9
65 29.7 23.9 35.9
92 19.3 15.3 22.9

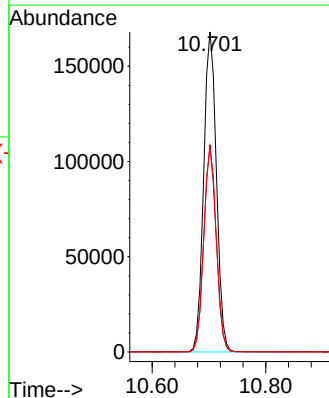
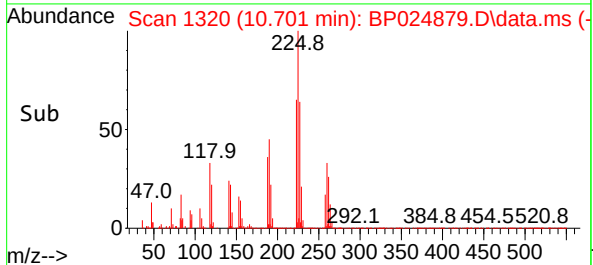
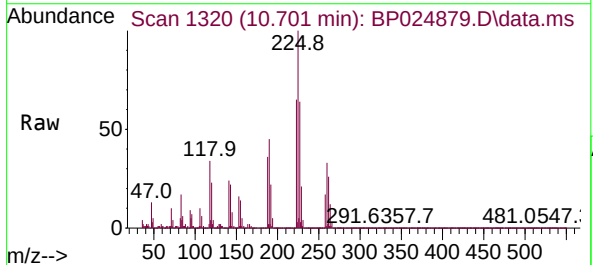
Manual Integrations
APPROVED

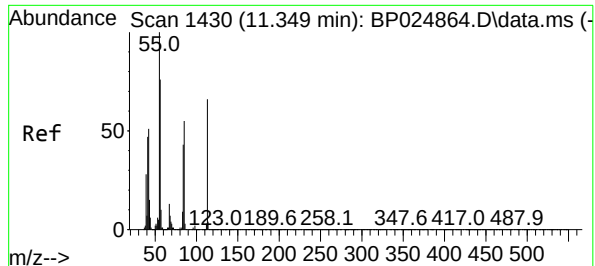
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#34
Hexachlorobutadiene
Concen: 27.754 ng
RT: 10.701 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

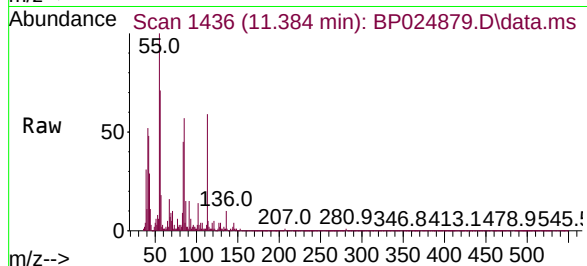
Tgt Ion:225 Resp: 262066
Ion Ratio Lower Upper
225 100
223 64.7 50.5 75.7
227 64.2 51.4 77.2





#35
Caprolactam
Concen: 11.229 ng
RT: 11.384 min Scan# 1436
Delta R.T. 0.035 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

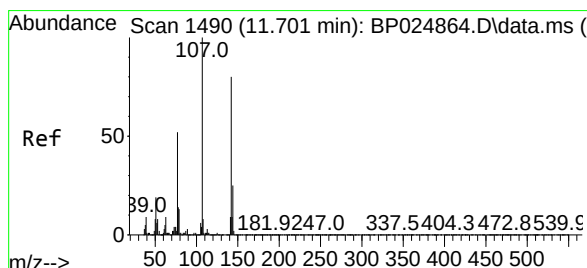
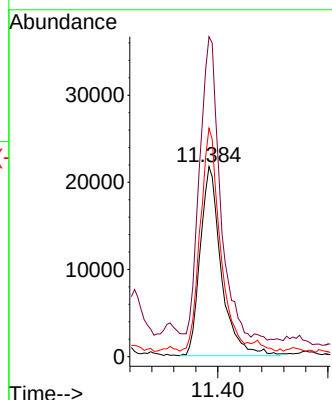
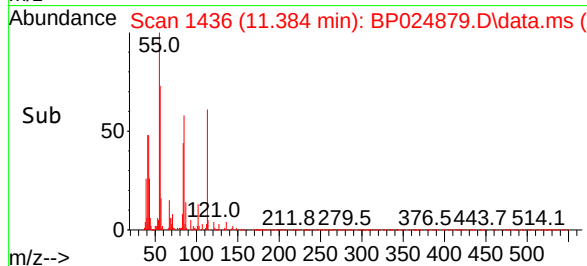
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



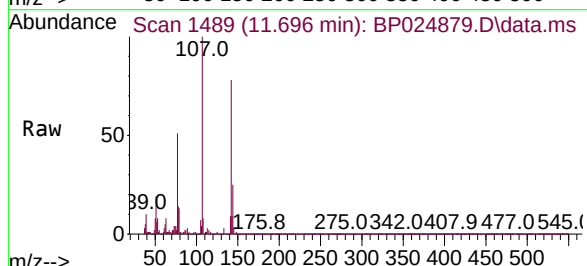
Tgt Ion:113 Resp: 57413
Ion Ratio Lower Upper
113 100
55 168.4 132.5 172.5
56 120.2 96.0 136.0

Manual Integrations
APPROVED

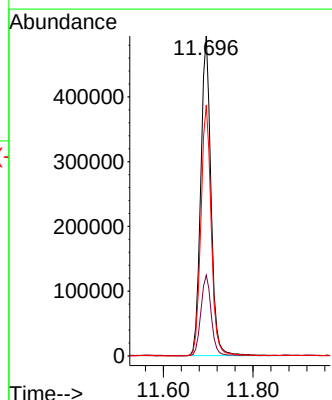
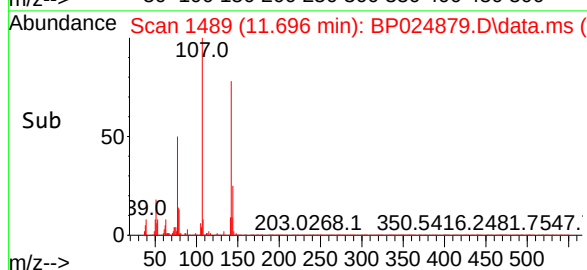
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

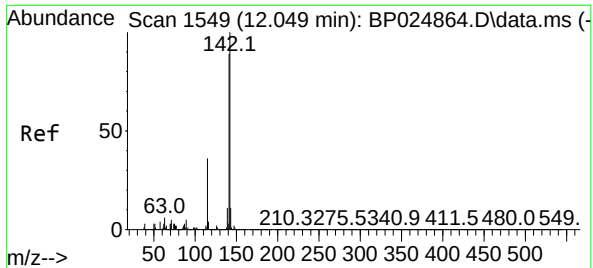


#36
4-Chloro-3-methylphenol
Concen: 48.575 ng
RT: 11.696 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14



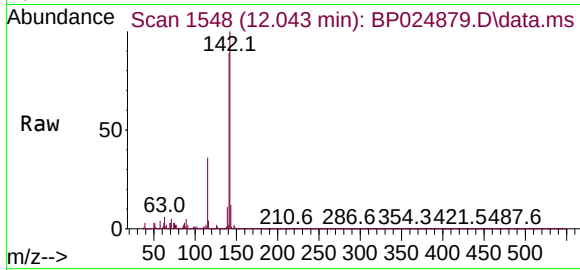
Tgt Ion:107 Resp: 778238
Ion Ratio Lower Upper
107 100
144 25.2 20.4 30.6
142 78.4 63.8 95.6





#37
2-Methylnaphthalene
Concen: 46.715 ng
RT: 12.043 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

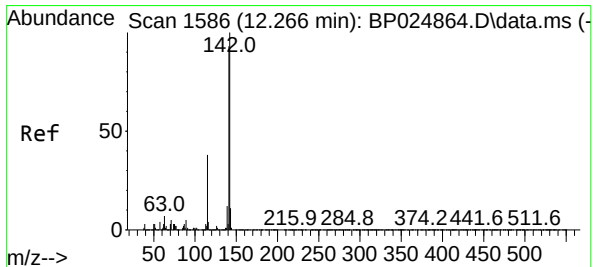
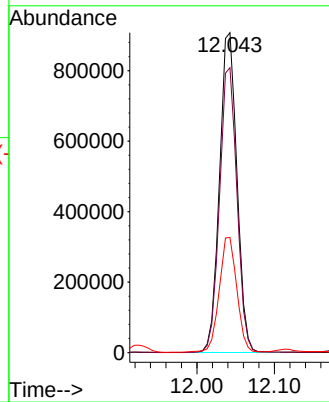
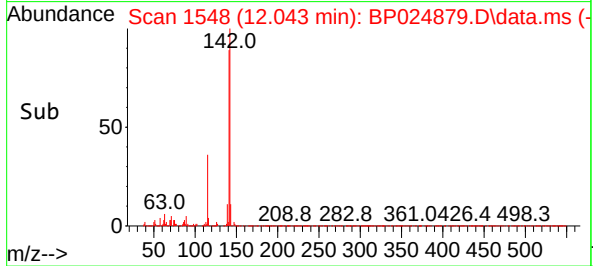
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion:142 Resp: 1423955
Ion Ratio Lower Upper
142 100
141 89.0 71.2 106.8
115 36.0 28.5 42.7

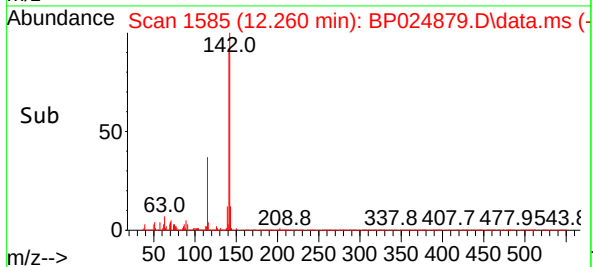
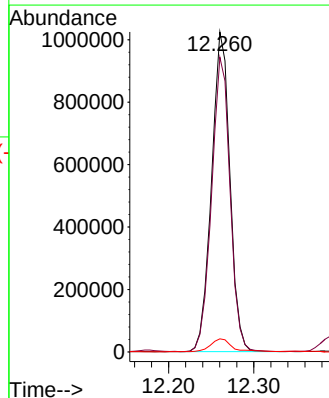
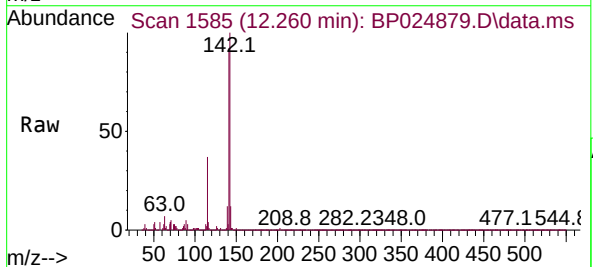
Manual Integrations
APPROVED

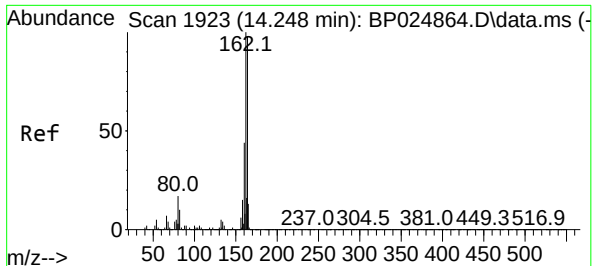
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#38
1-Methylnaphthalene
Concen: 47.041 ng
RT: 12.260 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Tgt Ion:142 Resp: 1532980
Ion Ratio Lower Upper
142 100
141 92.1 74.7 112.1
116 4.1 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.248 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion:164 Resp: 608220

Ion Ratio Lower Upper

164 100

162 100.6 81.6 122.4

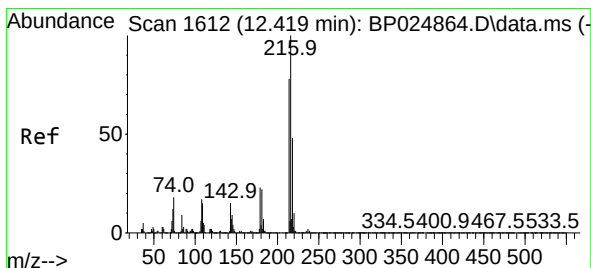
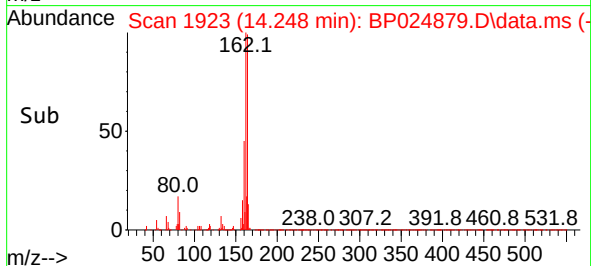
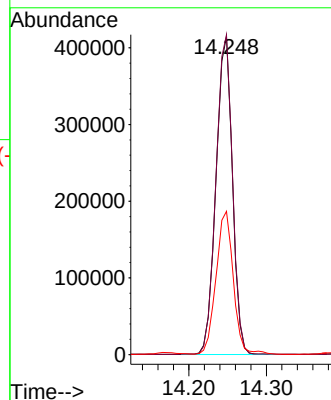
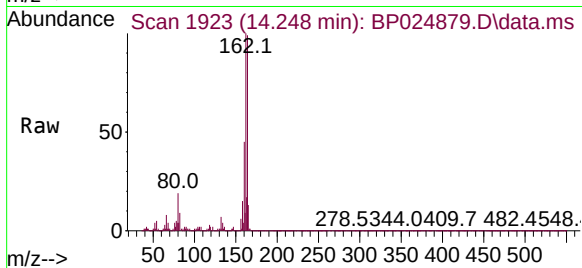
160 45.1 36.2 54.2

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.743 ng

RT: 12.419 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Tgt Ion:216 Resp: 772203

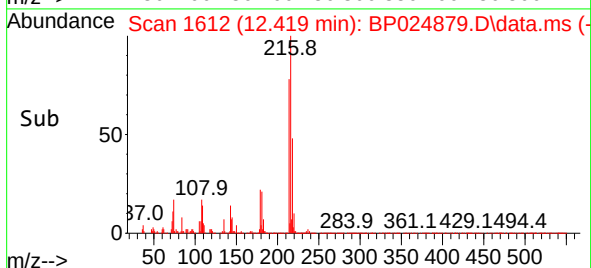
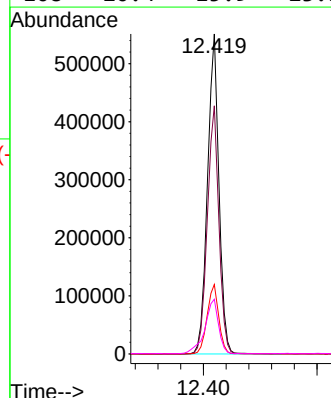
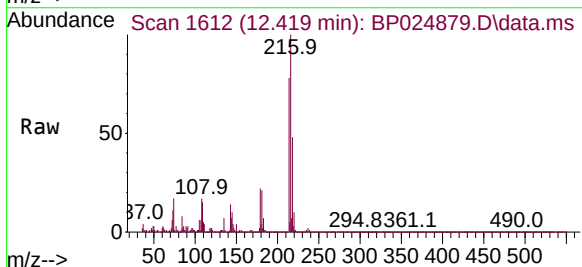
Ion Ratio Lower Upper

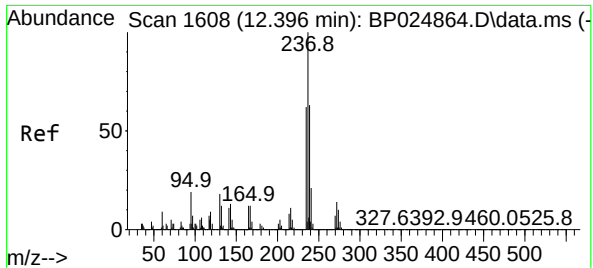
216 100

214 78.7 63.0 94.4

179 22.1 17.8 26.6

108 20.4 15.9 23.9





#41

Hexachlorocyclopentadiene

Concen: 60.270 ng

RT: 12.390 min Scan# 1608

Delta R.T. -0.006 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

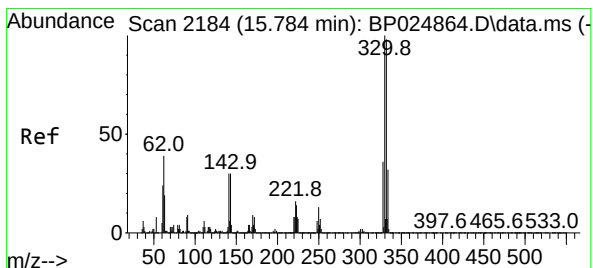
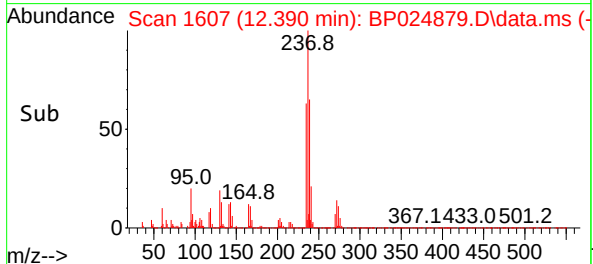
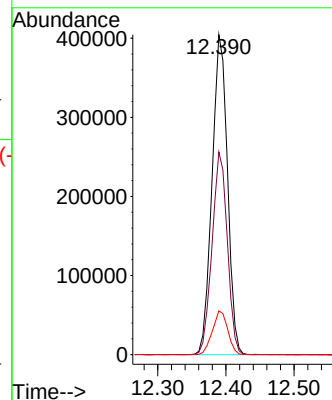
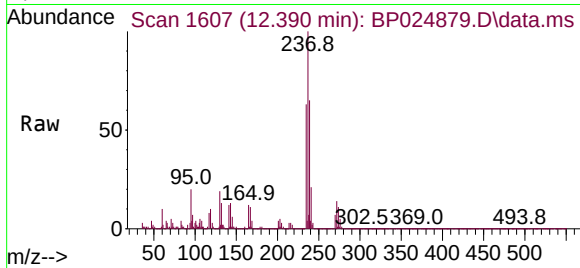
GW-MW01-060425MS

Tgt Ion:	237	Resp:	63444
Ion Ratio	Lower	Upper	
237	100		
235	63.3	41.9	81.9
272	13.7	0.0	33.7

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#42

2,4,6-Tribromophenol

Concen: 161.561 ng

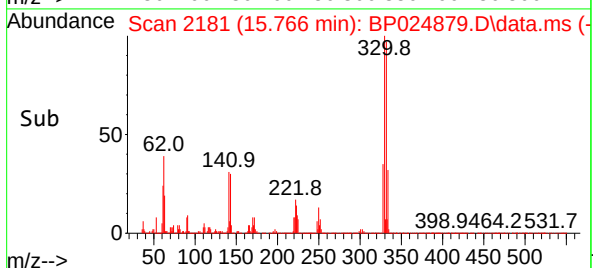
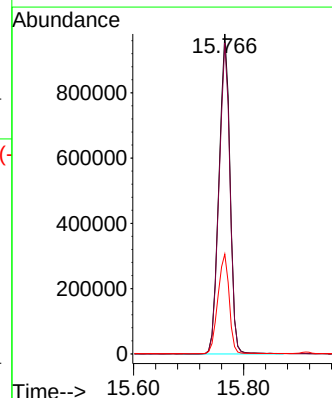
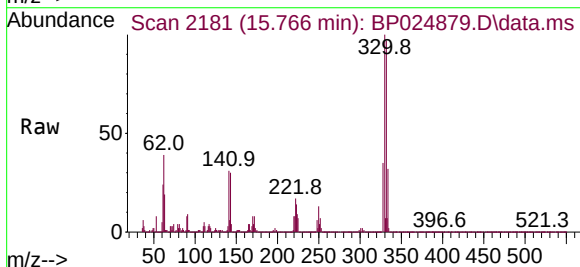
RT: 15.766 min Scan# 2181

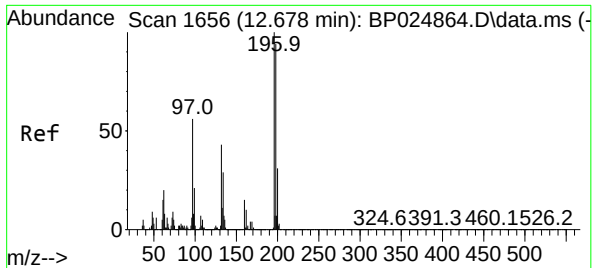
Delta R.T. -0.018 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Tgt Ion:	330	Resp:	1358561
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.7	116.5
141	32.0	26.4	39.6





#43

2,4,6-Trichlorophenol

Concen: 53.491 ng

RT: 12.672 min Scan# 1655

Delta R.T. -0.006 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion:196 Resp: 619974

Ion Ratio Lower Upper

196 100

198 95.3 75.4 113.0

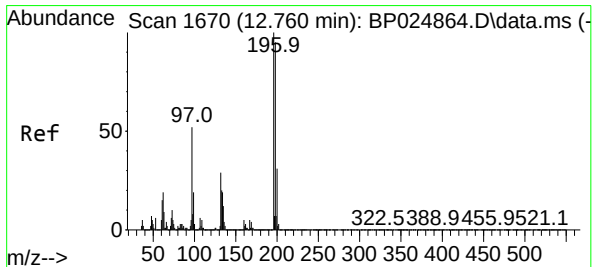
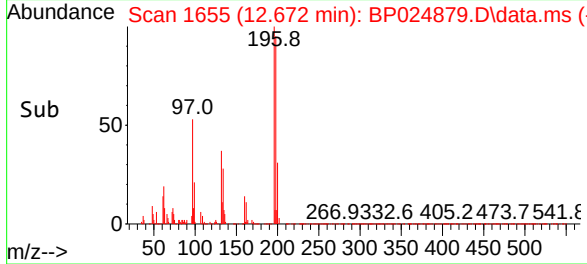
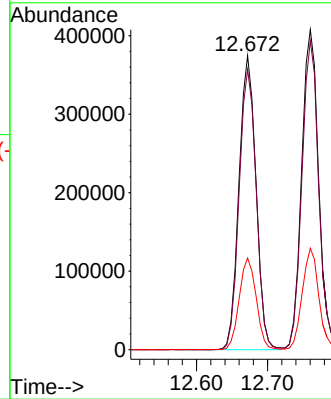
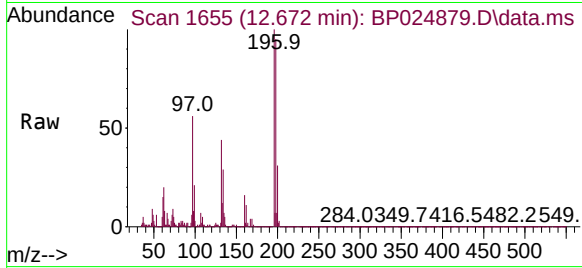
200 31.2 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#44

2,4,5-Trichlorophenol

Concen: 55.567 ng

RT: 12.760 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Tgt Ion:196 Resp: 689722

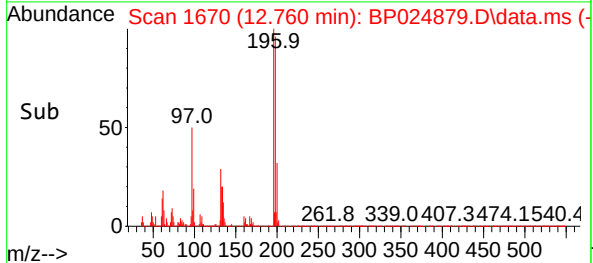
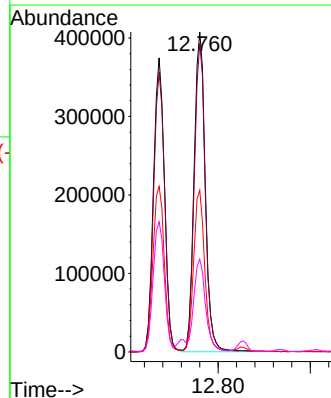
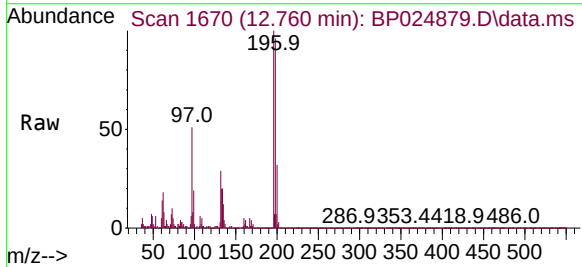
Ion Ratio Lower Upper

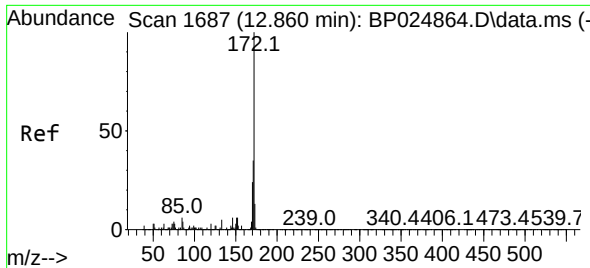
196 100

198 96.5 76.0 114.0

97 50.5 41.5 62.3

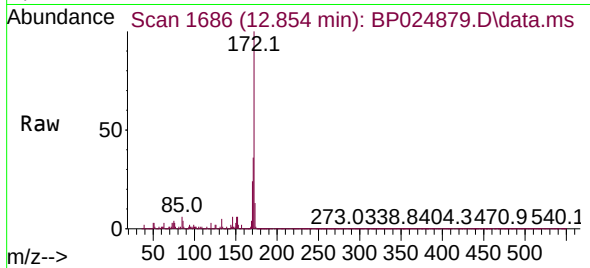
132 29.0 23.1 34.7





#45
2-Fluorobiphenyl
Concen: 85.613 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

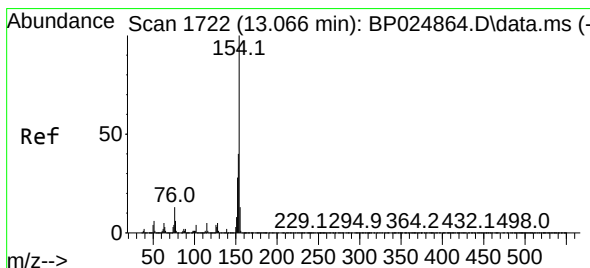
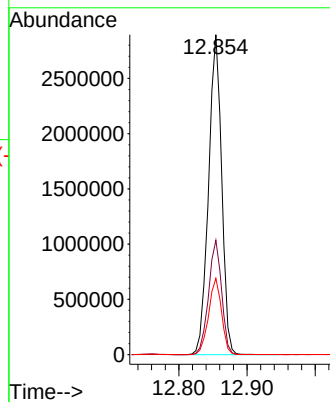
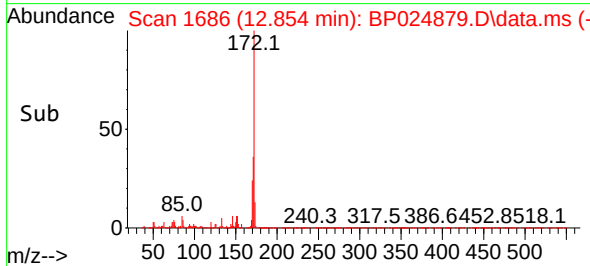
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion:172 Resp: 386537
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.8 19.0 28.4

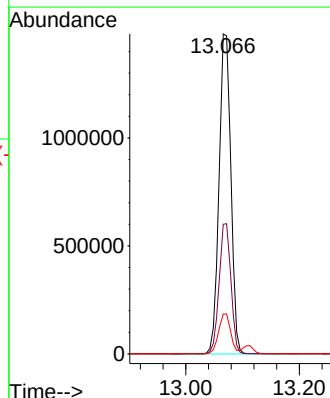
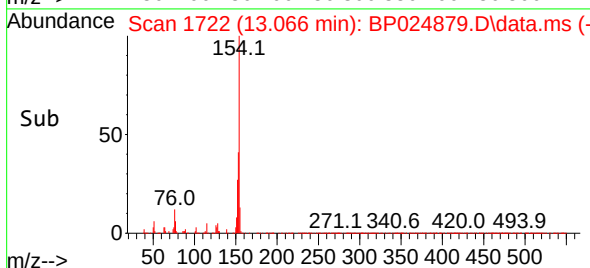
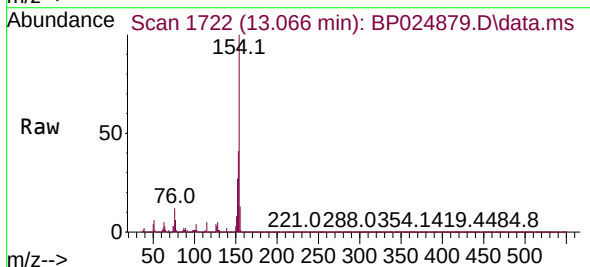
Manual Integrations
APPROVED

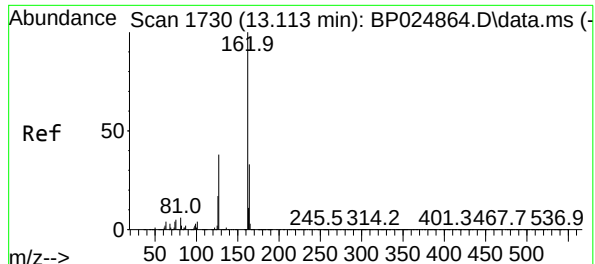
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#46
1,1'-Biphenyl
Concen: 48.195 ng
RT: 13.066 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Tgt Ion:154 Resp: 2130271
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 12.5 0.0 33.0





#47

2-Chloronaphthalene

Concen: 46.713 ng

RT: 13.113 min Scan# 1730

Delta R.T. -0.000 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion:162 Resp: 1586923

Ion Ratio Lower Upper

162 100

127 40.4 32.5 48.7

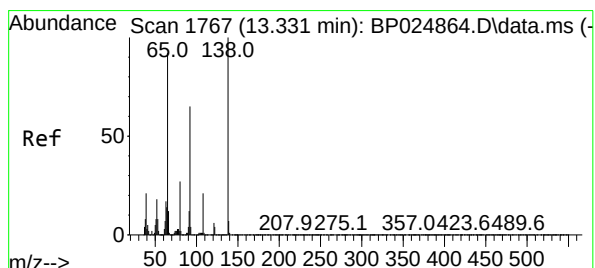
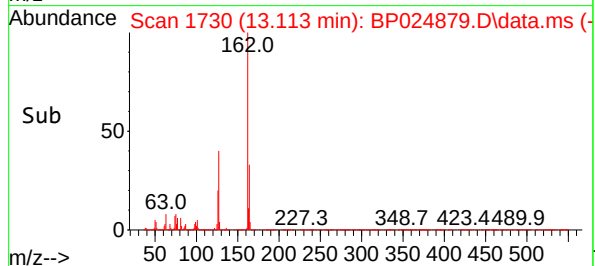
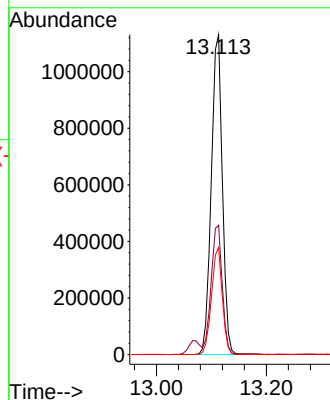
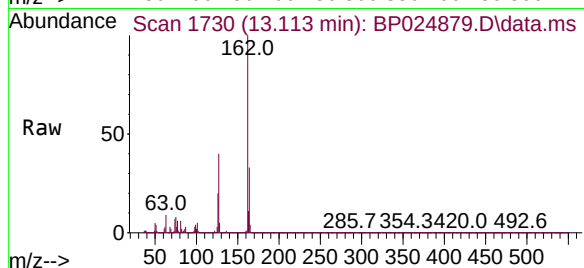
164 33.5 26.2 39.2

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#48

2-Nitroaniline

Concen: 49.201 ng

RT: 13.331 min Scan# 1767

Delta R.T. -0.000 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

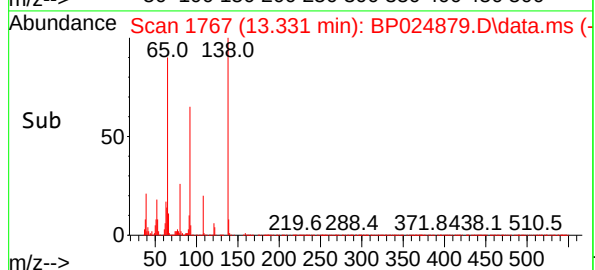
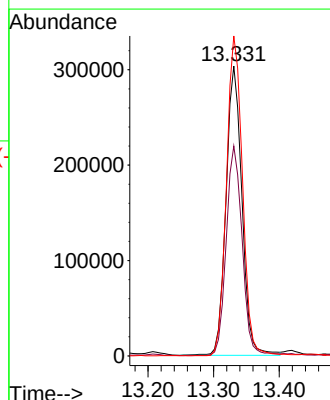
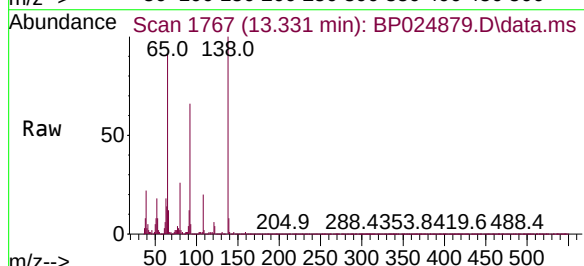
Tgt Ion: 65 Resp: 513858

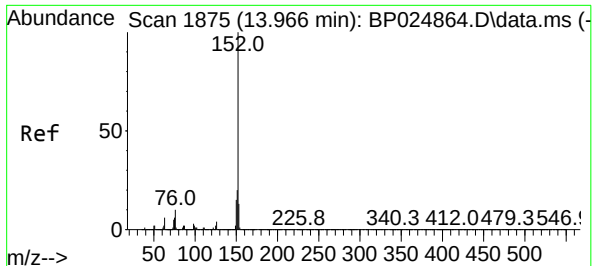
Ion Ratio Lower Upper

65 100

92 72.4 56.8 85.2

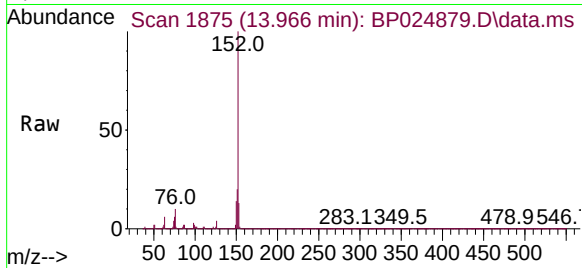
138 110.4 86.9 130.3





#49
Acenaphthylene
Concen: 48.695 ng
RT: 13.966 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

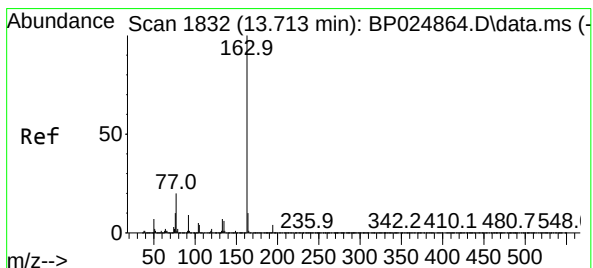
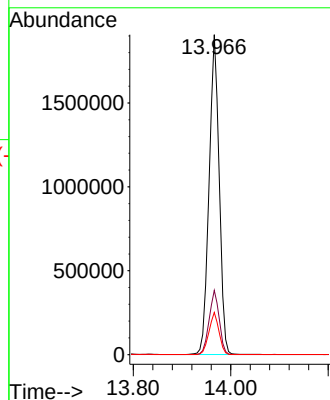
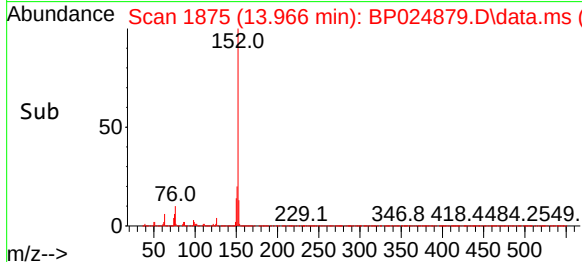
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



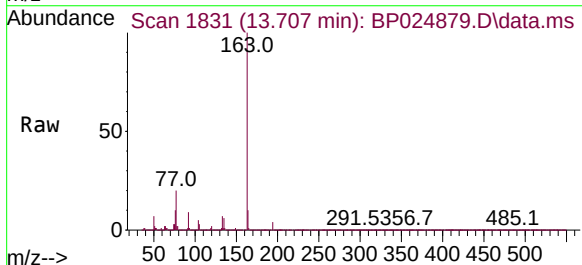
Tgt Ion:152 Resp: 275827
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.2 10.6 15.8

Manual Integrations
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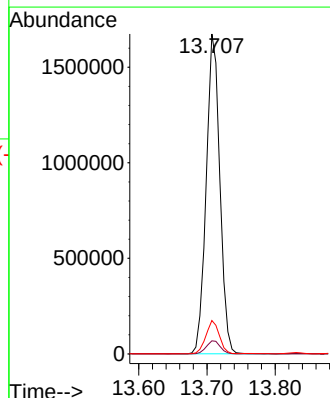
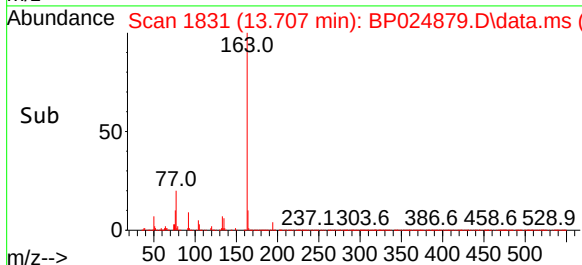
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

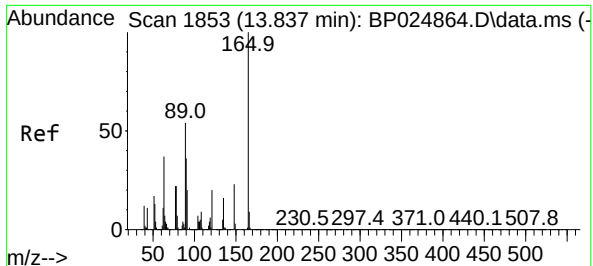


#50
Dimethylphthalate
Concen: 51.855 ng
RT: 13.707 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14



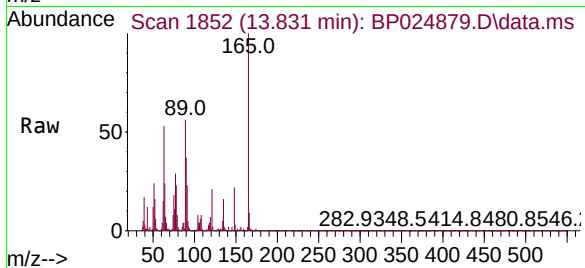
Tgt Ion:163 Resp: 2326607
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.4 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 53.809 ng
RT: 13.831 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

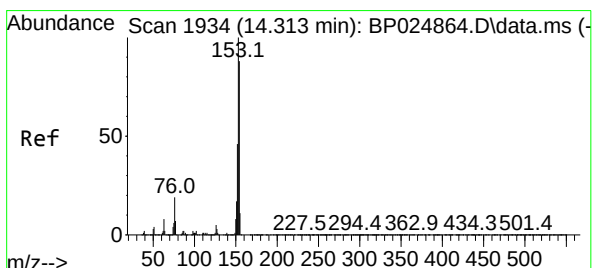
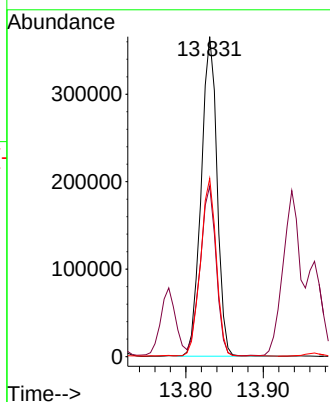
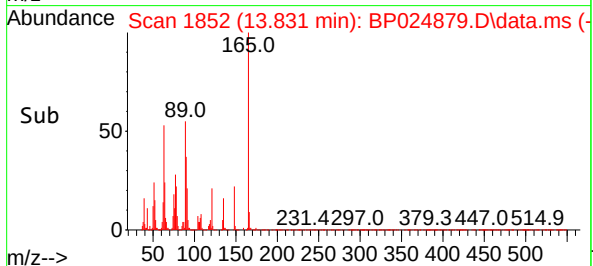
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion:165 Resp: 520460
Ion Ratio Lower Upper
165 100
63 53.3 41.8 62.8
89 55.7 43.1 64.7

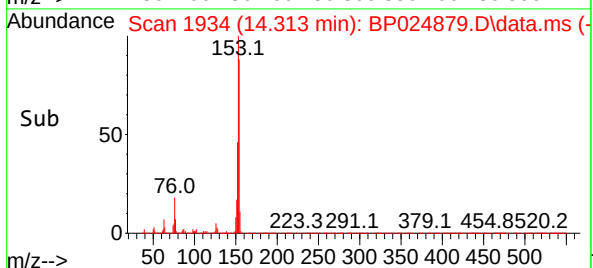
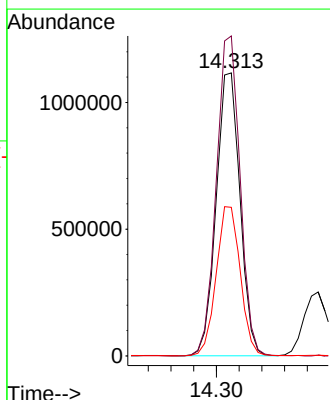
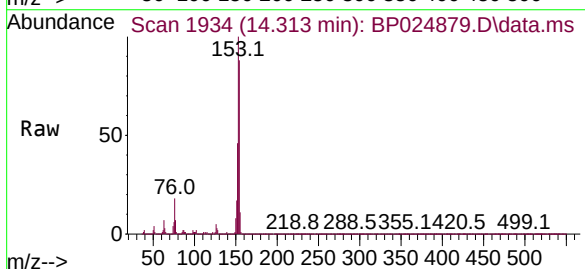
Manual Integrations
APPROVED

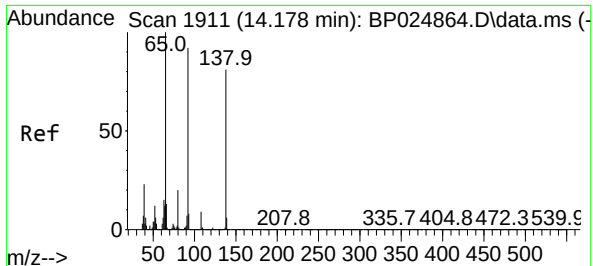
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#52
Acenaphthene
Concen: 50.024 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

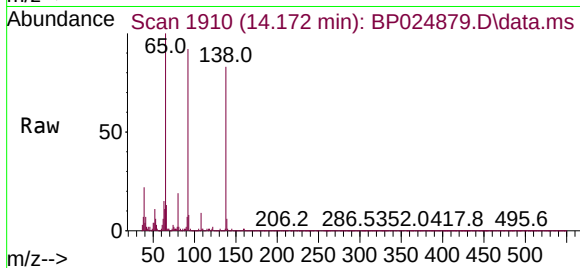
Tgt Ion:154 Resp: 1623696
Ion Ratio Lower Upper
154 100
153 113.1 90.5 135.7
152 52.5 42.1 63.1





#53
3-Nitroaniline
Concen: 32.579 ng
RT: 14.172 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

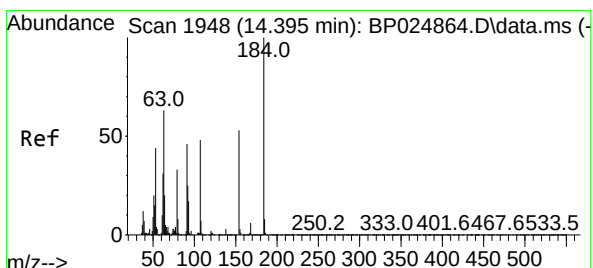
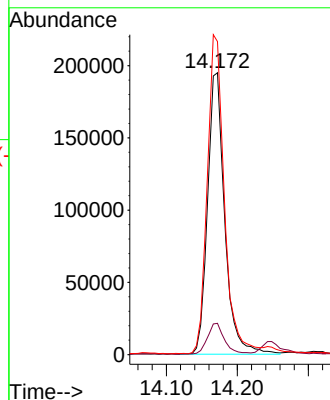
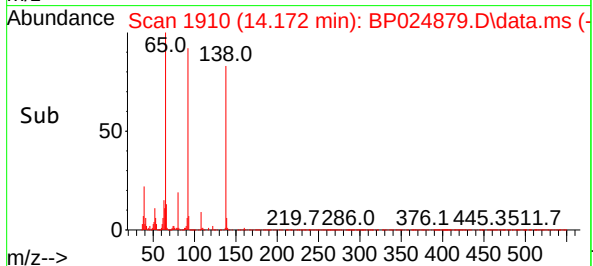
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion:138 Resp: 327021
Ion Ratio Lower Upper
138 100
108 11.1 8.6 12.8
92 111.1 91.3 136.9

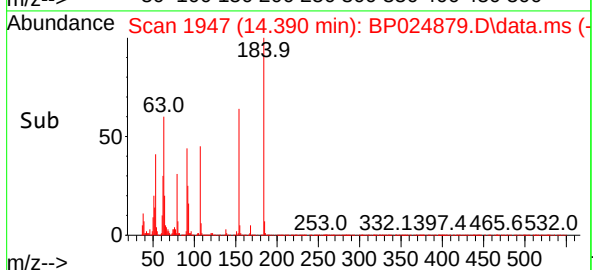
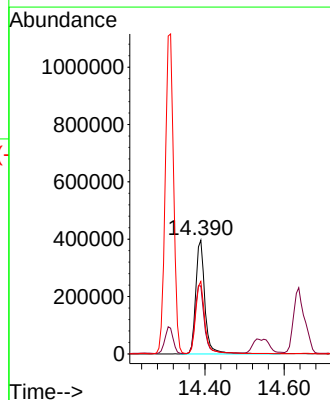
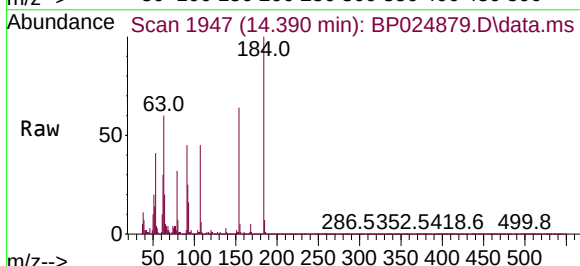
Manual Integrations
APPROVED

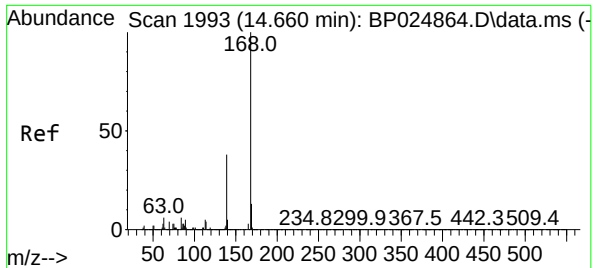
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#54
2,4-Dinitrophenol
Concen: 98.895 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Tgt Ion:184 Resp: 631766
Ion Ratio Lower Upper
184 100
63 59.9 51.0 76.4
154 63.7 51.7 77.5





#55

Dibenzenofuran

Concen: 50.534 ng

RT: 14.654 min Scan# 1993

Delta R.T. -0.006 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion:168 Resp: 263290

Ion Ratio Lower Upper

168 100

139 39.3 31.6 47.4

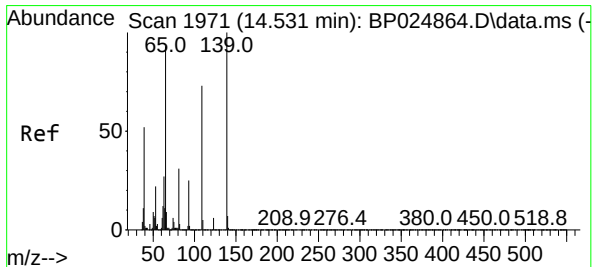
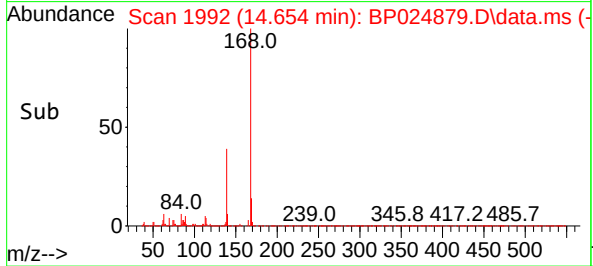
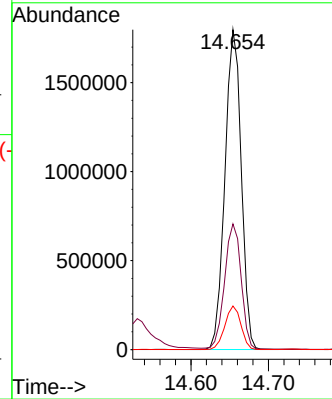
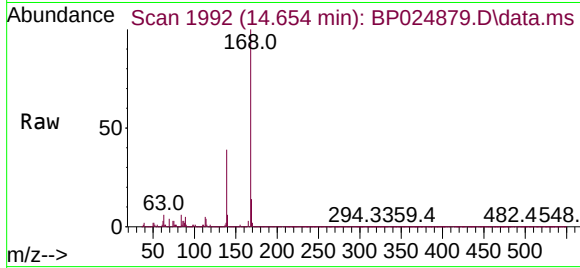
169 13.6 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#56

4-Nitrophenol

Concen: 46.400 ng

RT: 14.531 min Scan# 1971

Delta R.T. -0.000 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

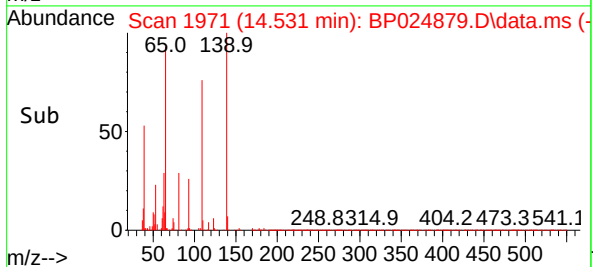
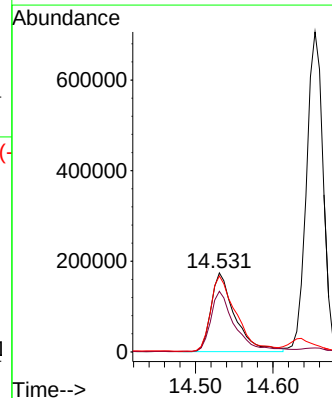
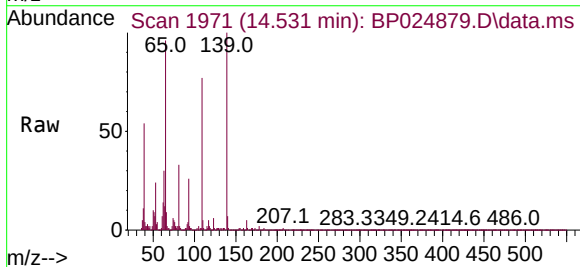
Tgt Ion:139 Resp: 373587

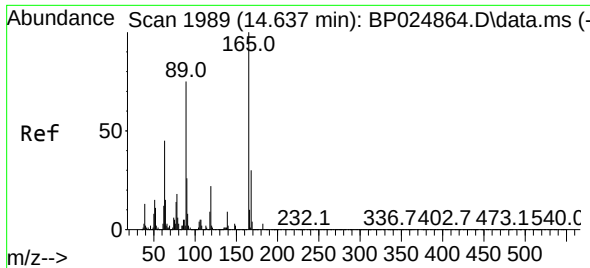
Ion Ratio Lower Upper

139 100

109 76.7 53.1 93.1

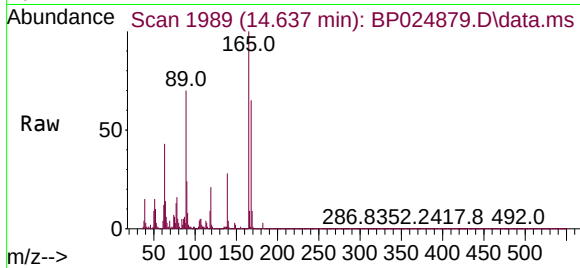
65 96.1 73.0 113.0





#57
2,4-Dinitrotoluene
Concen: 57.752 ng
RT: 14.637 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

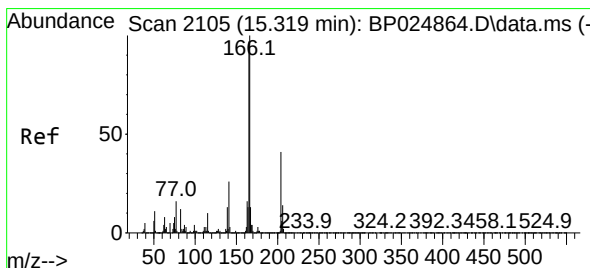
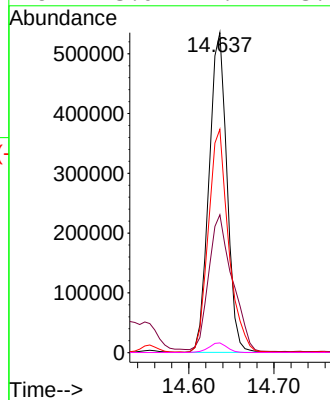
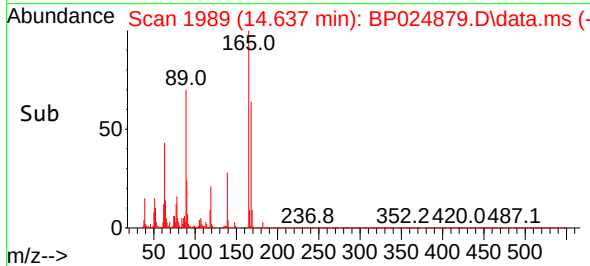
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion:165 Resp: 781392
Ion Ratio Lower Upper
165 100
63 43.1 37.0 55.6
89 69.8 60.1 90.1
182 3.0 2.4 3.6

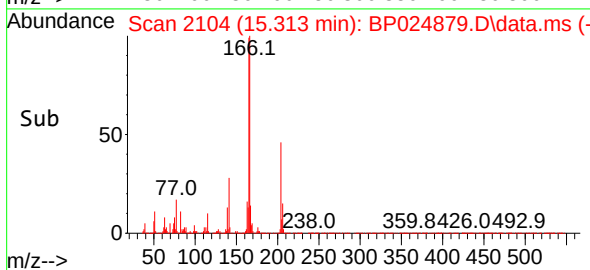
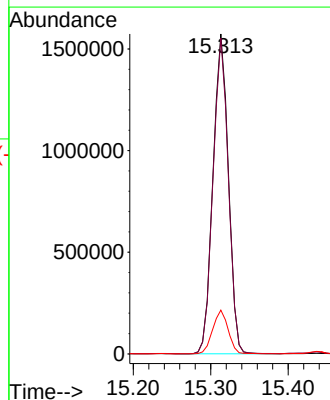
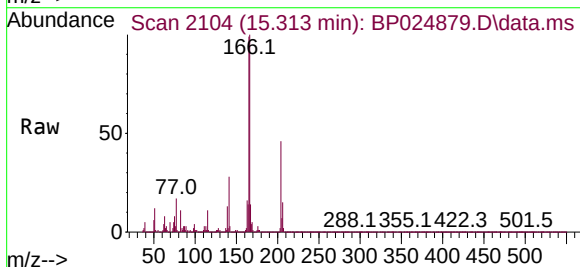
Manual Integrations
APPROVED

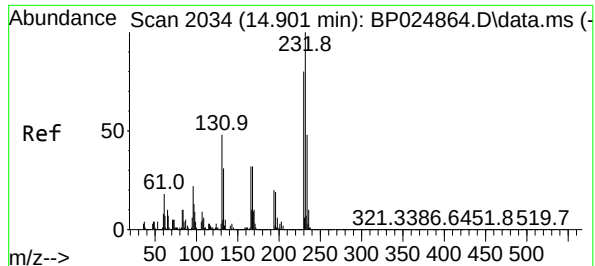
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#58
Fluorene
Concen: 51.633 ng
RT: 15.313 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Tgt Ion:166 Resp: 2173195
Ion Ratio Lower Upper
166 100
165 98.7 77.7 116.5
167 13.7 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 55.416 ng

RT: 14.895 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion:232 Resp: 614576

Ion Ratio Lower Upper

232 100

131 46.6 38.2 57.2

130 2.8 2.1 3.1

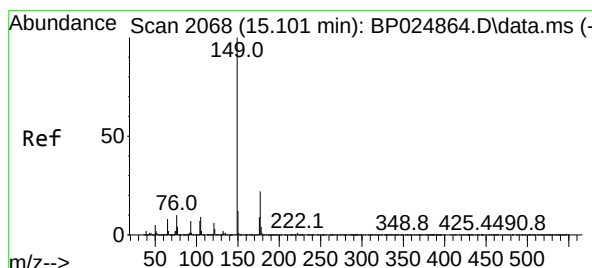
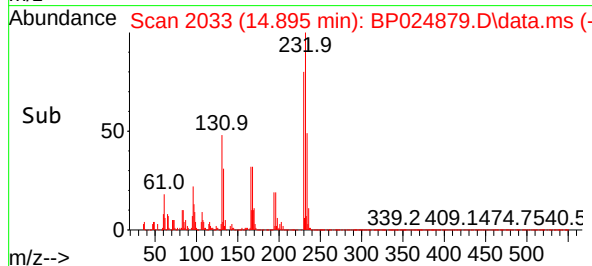
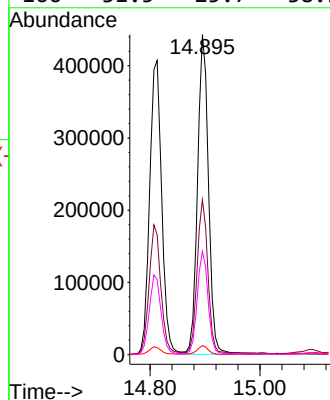
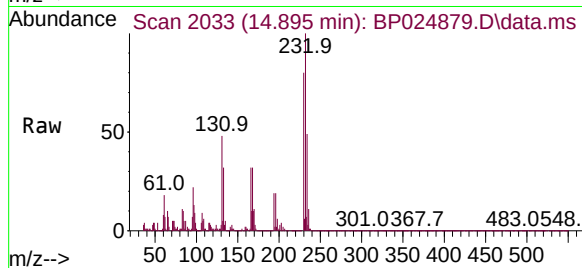
166 31.5 25.7 38.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#60

Diethylphthalate

Concen: 54.419 ng

RT: 15.089 min Scan# 2066

Delta R.T. -0.012 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

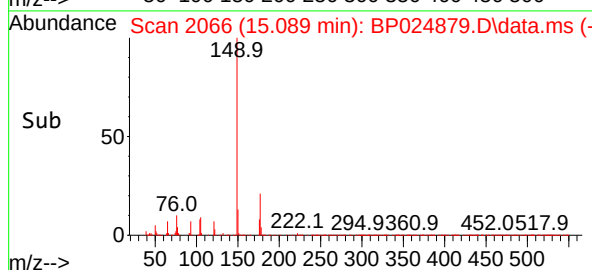
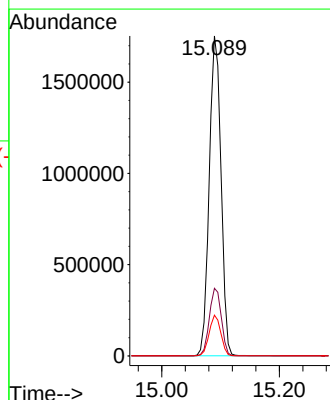
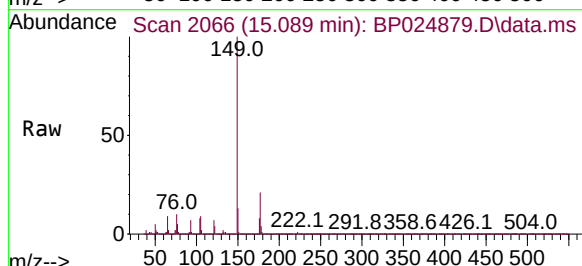
Tgt Ion:149 Resp: 2433354

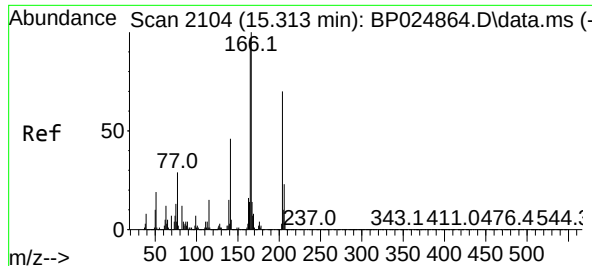
Ion Ratio Lower Upper

149 100

177 21.1 17.9 26.9

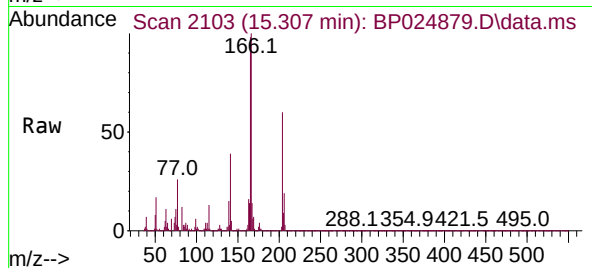
150 12.7 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 51.423 ng
RT: 15.307 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

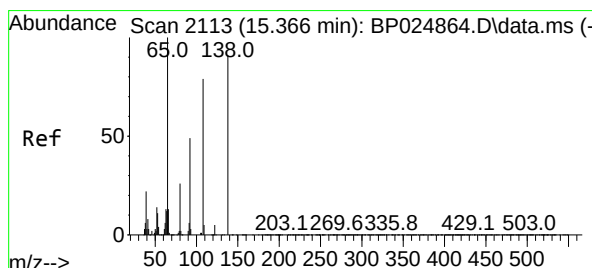
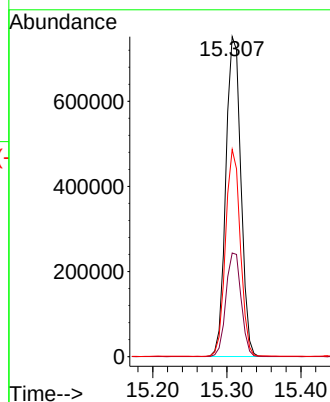
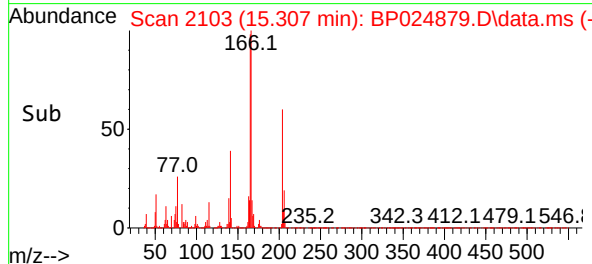
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion:204 Resp: 105825
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 64.7 52.4 78.6

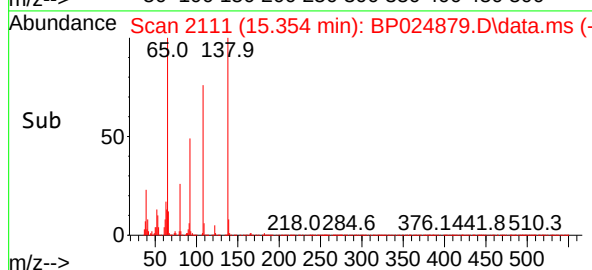
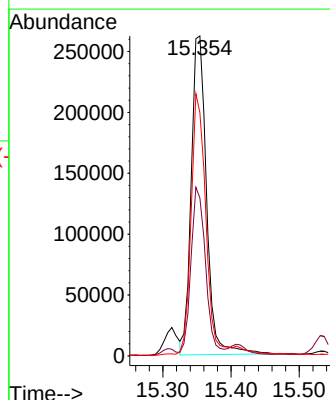
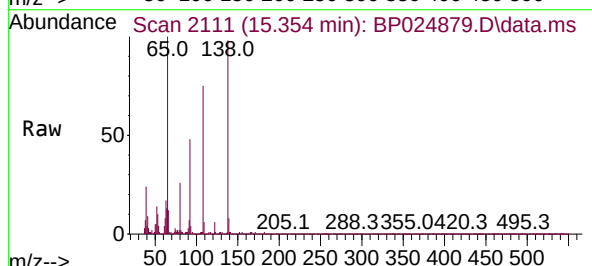
Manual Integrations
APPROVED

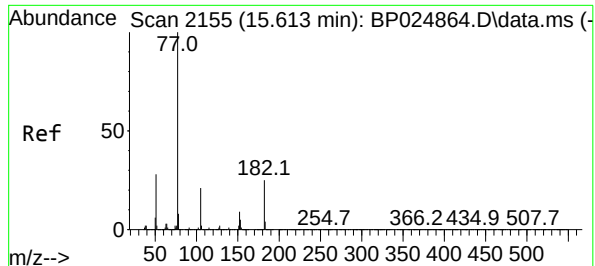
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#62
4-Nitroaniline
Concen: 45.131 ng
RT: 15.354 min Scan# 2111
Delta R.T. -0.012 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

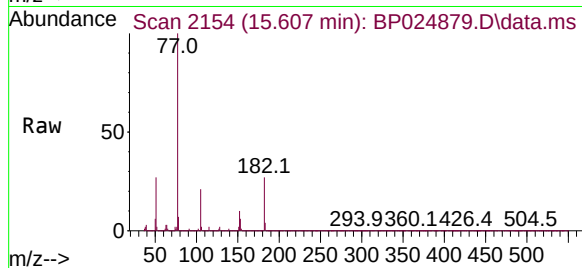
Tgt Ion:138 Resp: 410751
Ion Ratio Lower Upper
138 100
92 49.4 33.5 73.5
108 76.0 65.1 105.1





#63
Azobenzene
Concen: 53.685 ng
RT: 15.607 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

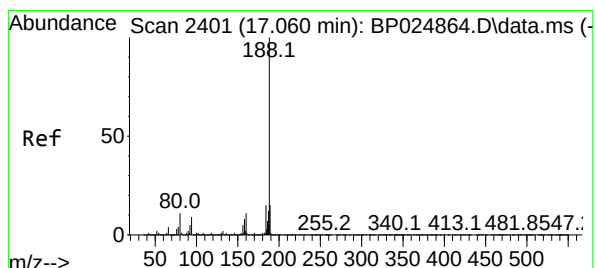
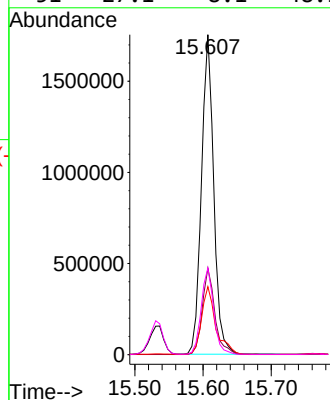
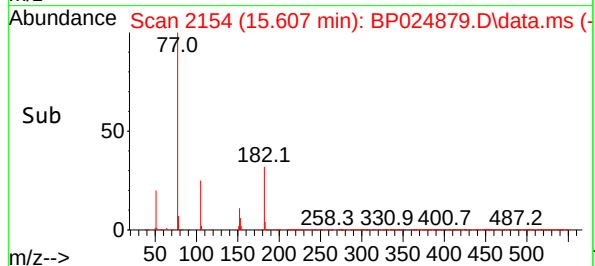
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



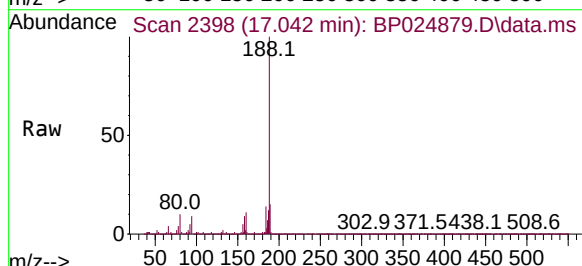
Tgt Ion: 77 Resp: 2201630
Ion Ratio Lower Upper
77 100
182 27.0 5.4 45.4
105 21.2 0.8 40.8
51 27.1 8.1 48.1

Manual Integrations
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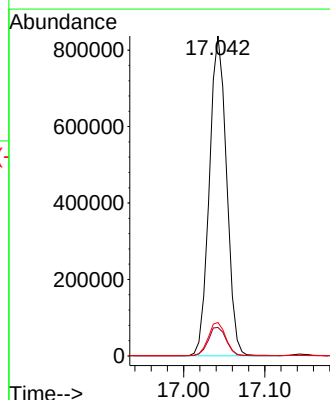
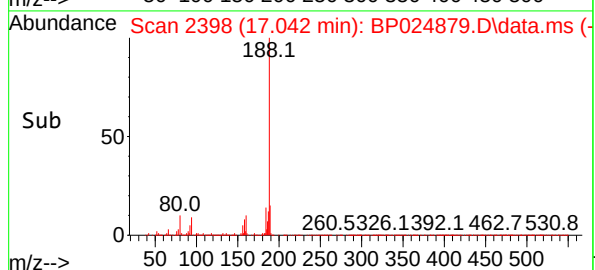
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

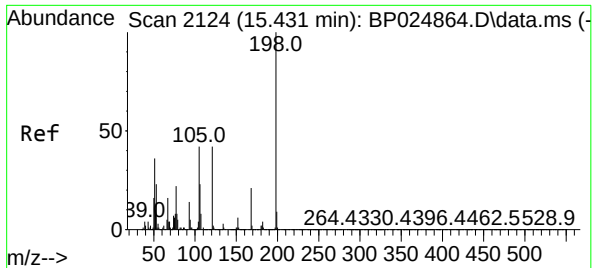


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.042 min Scan# 2398
Delta R.T. -0.018 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14



Tgt Ion:188 Resp: 1235201
Ion Ratio Lower Upper
188 100
94 8.9 7.3 10.9
80 10.4 8.5 12.7





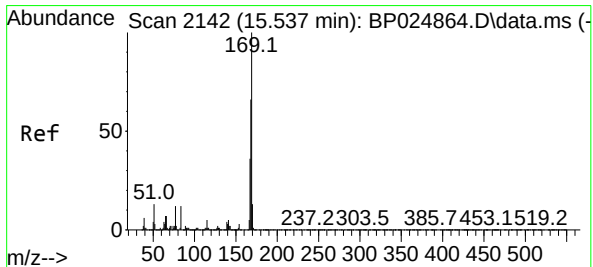
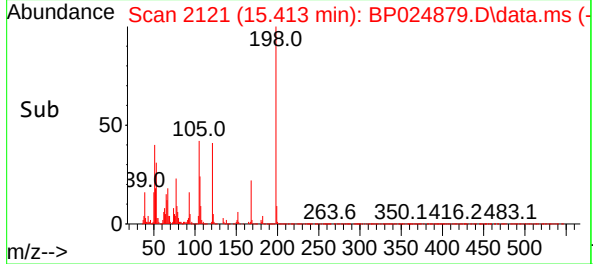
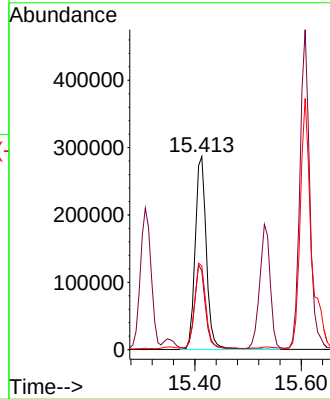
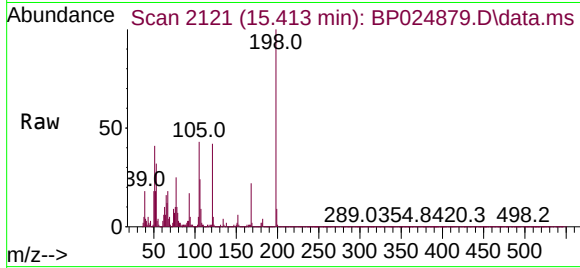
#65
4,6-Dinitro-2-methylphenol
Concen: 51.415 ng
RT: 15.413 min Scan# 2121
Delta R.T. -0.018 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS

Tgt Ion:198 Resp: 417305
Ion Ratio Lower Upper
198 100
51 40.8 19.2 59.2
105 43.4 22.6 62.6

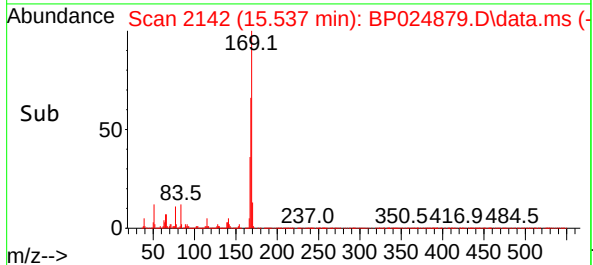
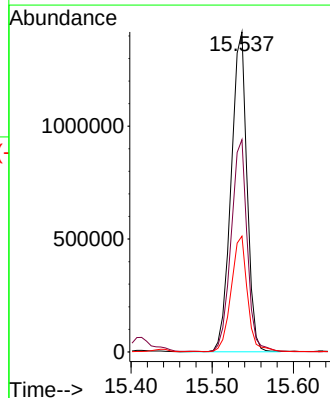
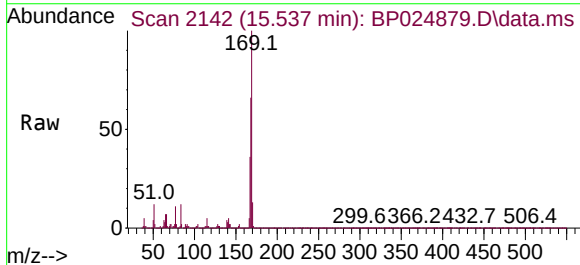
Manual Integrations
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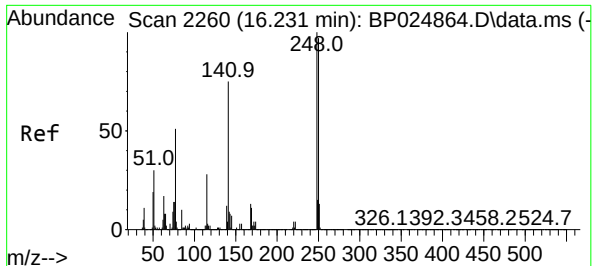
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#66
n-Nitrosodiphenylamine
Concen: 50.300 ng
RT: 15.537 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

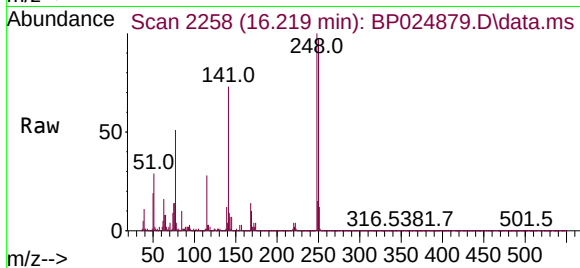
Tgt Ion:169 Resp: 1925767
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.6
167 36.2 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 50.892 ng
RT: 16.219 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

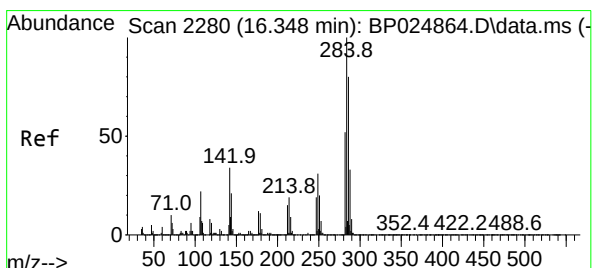
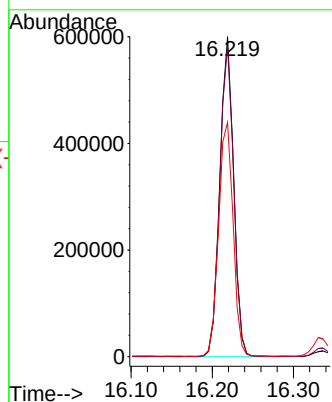
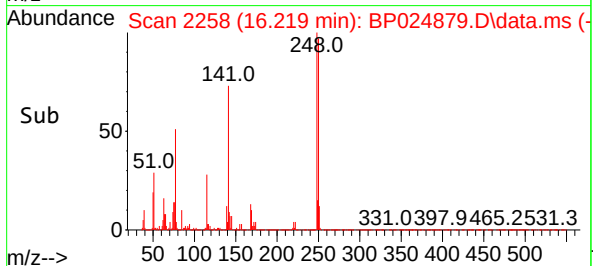
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion:248 Resp: 709283
Ion Ratio Lower Upper
248 100
250 97.1 77.4 116.2
141 73.2 59.9 89.9

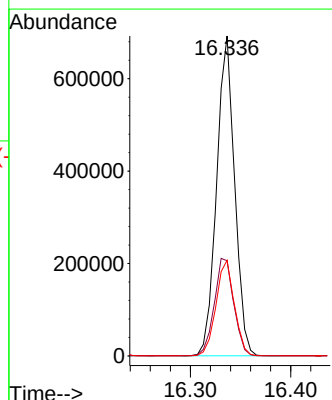
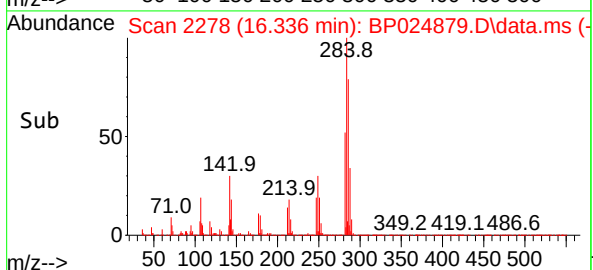
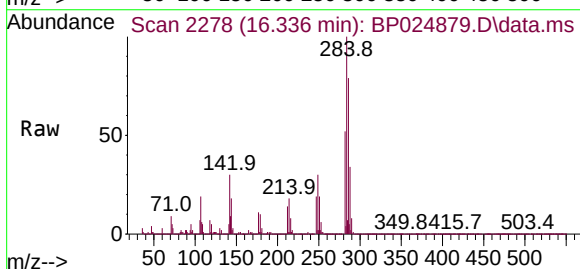
Manual Integrations
APPROVED

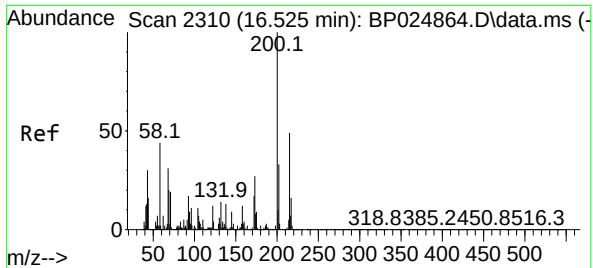
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#68
Hexachlorobenzene
Concen: 51.306 ng
RT: 16.336 min Scan# 2278
Delta R.T. -0.012 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

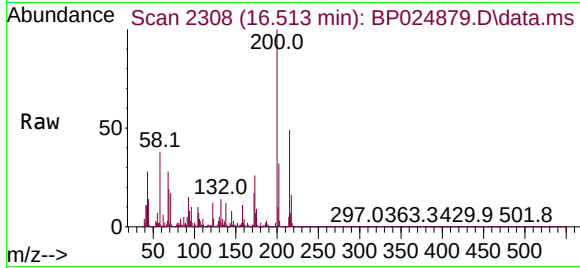
Tgt Ion:284 Resp: 866860
Ion Ratio Lower Upper
284 100
142 29.7 27.0 40.6
249 29.9 25.0 37.6





#69
Atrazine
Concen: 55.473 ng
RT: 16.513 min Scan# 2310
Delta R.T. -0.012 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

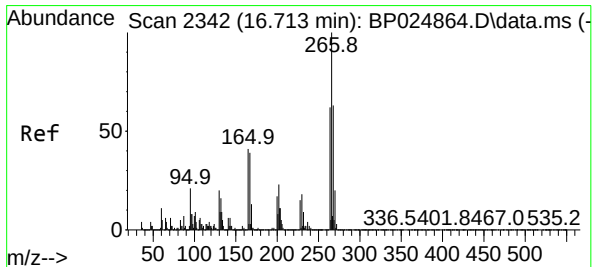
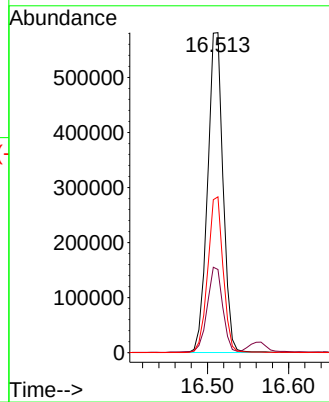
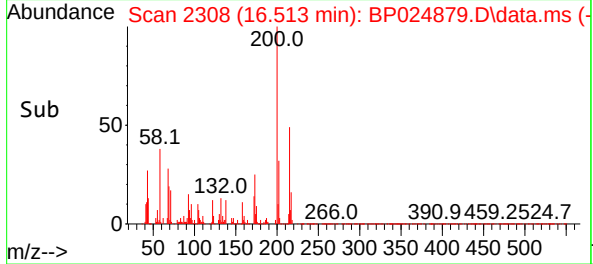
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion:200 Resp: 769920
Ion Ratio Lower Upper
200 100
173 26.0 6.9 46.9
215 48.7 28.7 68.7

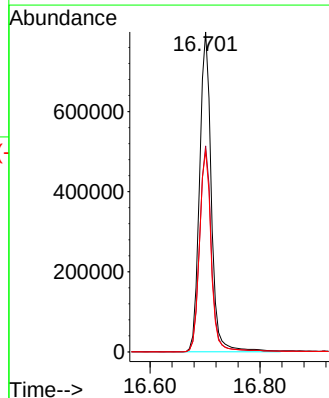
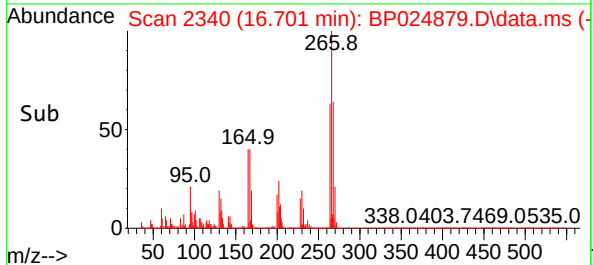
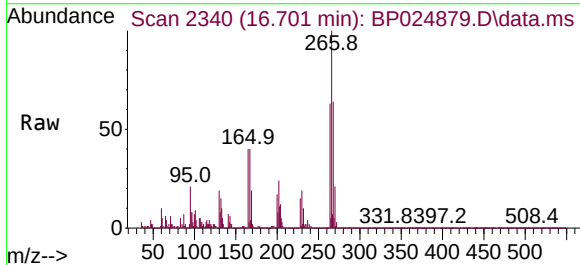
Manual Integrations
APPROVED

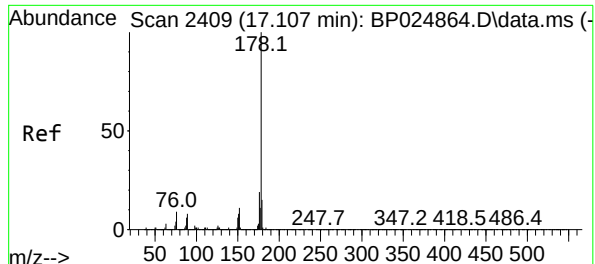
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#70
Pentachlorophenol
Concen: 135.284 ng
RT: 16.701 min Scan# 2340
Delta R.T. -0.012 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Tgt Ion:266 Resp: 1182979
Ion Ratio Lower Upper
266 100
268 64.4 50.6 76.0
264 62.9 49.7 74.5





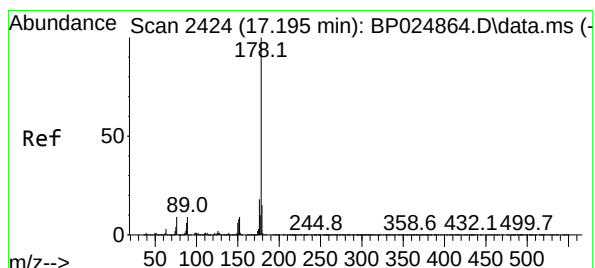
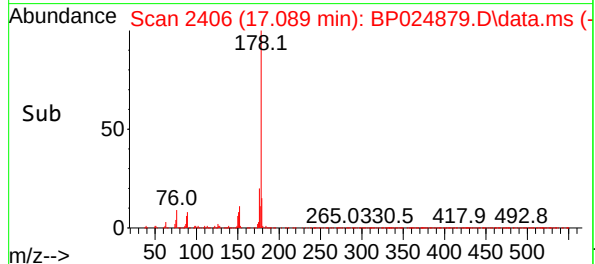
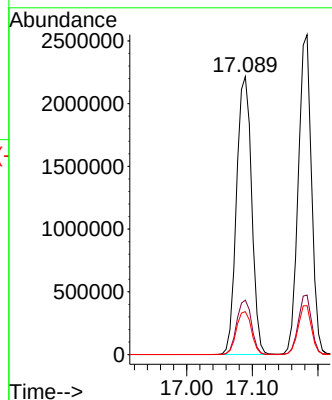
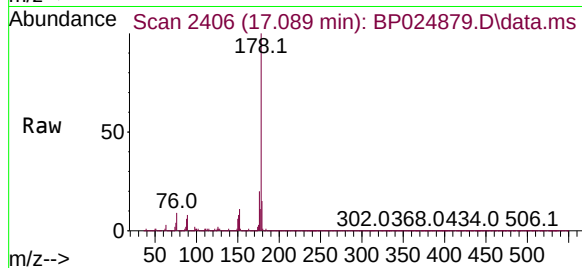
#71
Phenanthrene
Concen: 51.597 ng
RT: 17.089 min Scan# 2409
Delta R.T. -0.018 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS

Tgt Ion:178 Resp: 3521952
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.5 12.1 18.1

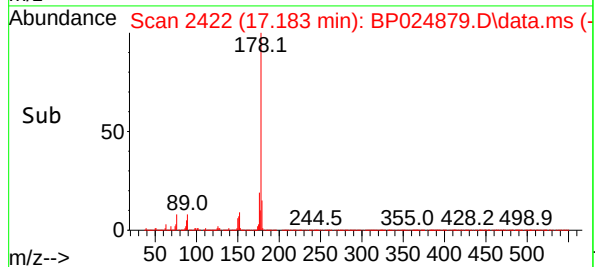
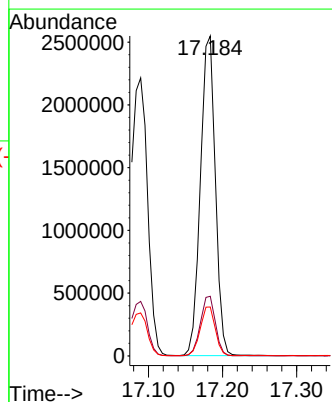
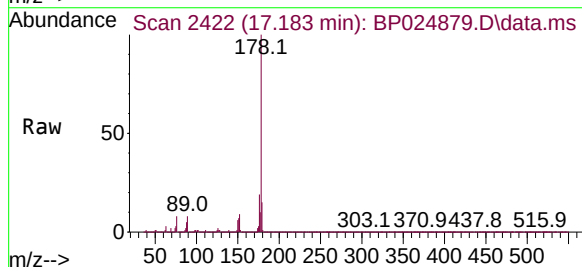
Manual Integrations
APPROVED

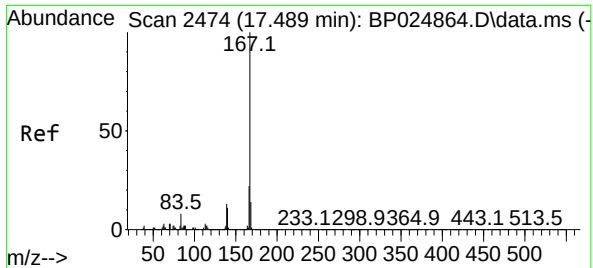
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#72
Anthracene
Concen: 51.681 ng
RT: 17.183 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

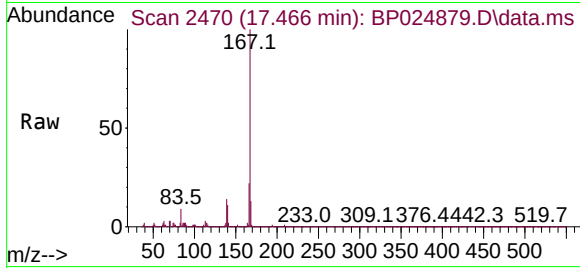
Tgt Ion:178 Resp: 3572743
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.3 12.3 18.5





#73
 Carbazole
 Concen: 55.611 ng
 RT: 17.466 min Scan# 2474
 Delta R.T. -0.024 min
 Lab File: BP024879.D
 Acq: 09 Jun 2025 16:14

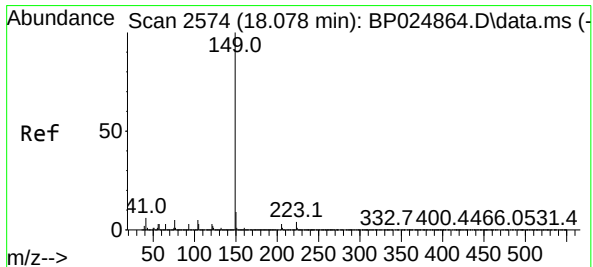
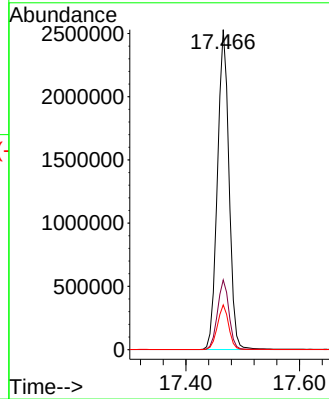
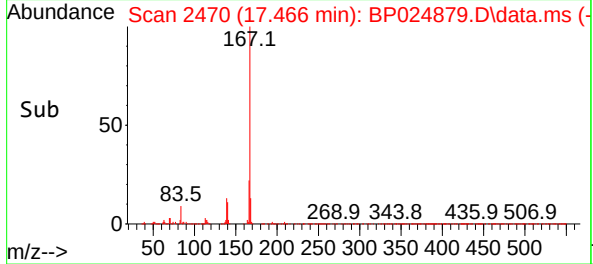
Instrument :
 BNA_P
 ClientSampleId :
 GW-MW01-060425MS



Tgt Ion:167 Resp: 3563378
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 14.0 10.8 16.2

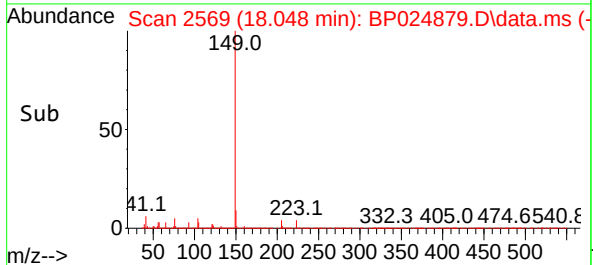
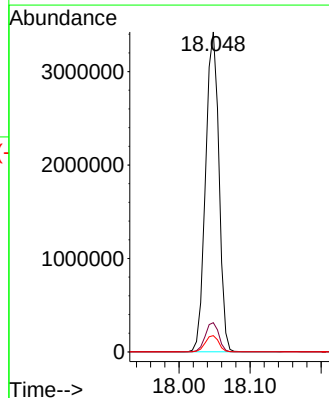
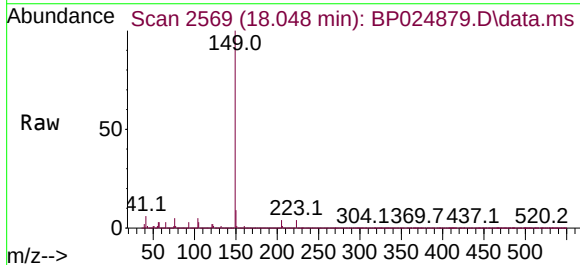
Manual Integrations
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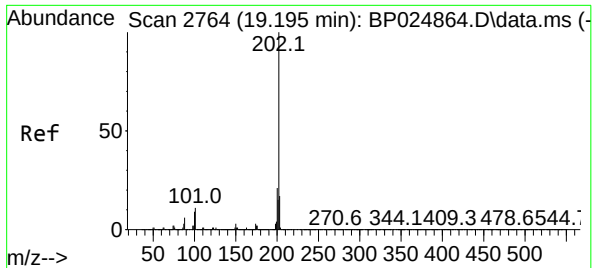
Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025



#74
 Di-n-butylphthalate
 Concen: 56.055 ng
 RT: 18.048 min Scan# 2569
 Delta R.T. -0.029 min
 Lab File: BP024879.D
 Acq: 09 Jun 2025 16:14

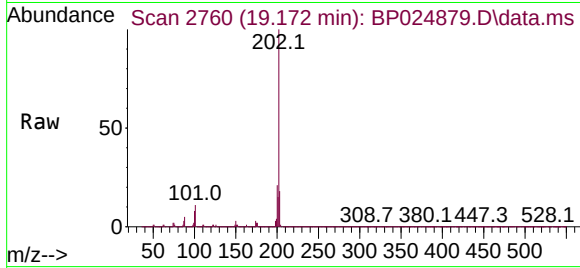
Tgt Ion:149 Resp: 4450239
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 55.394 ng
RT: 19.172 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

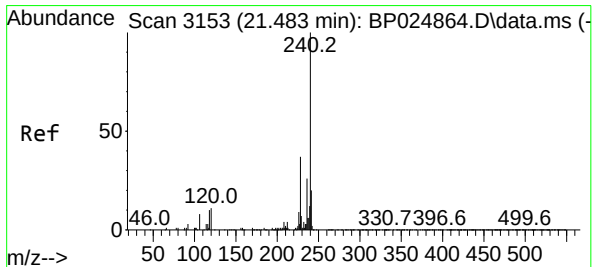
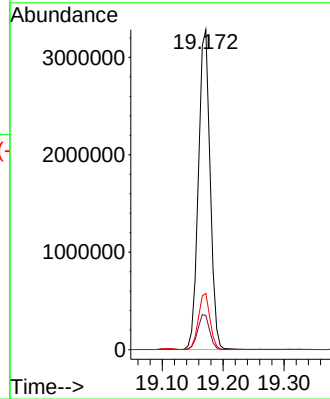
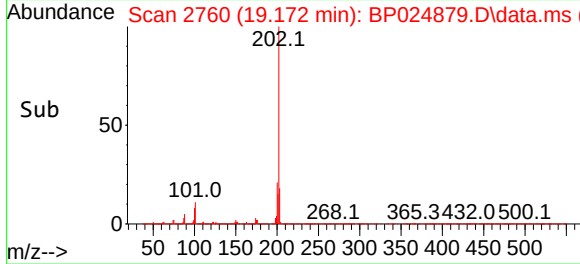
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion: 202 Resp: 4382489
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.4
203 17.6 0.0 37.5

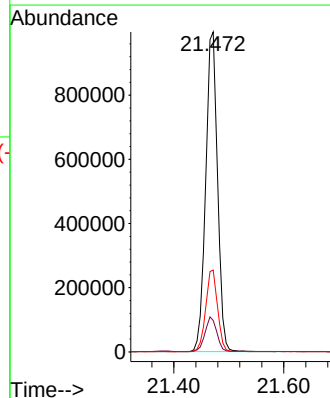
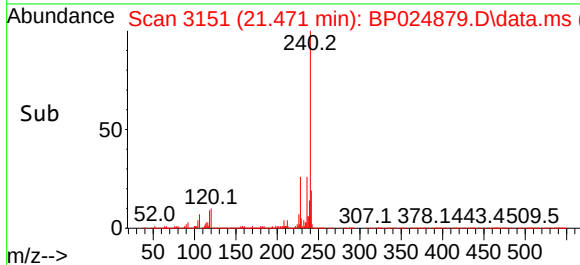
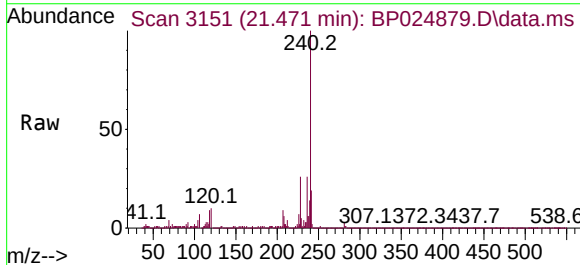
Manual Integrations
APPROVED

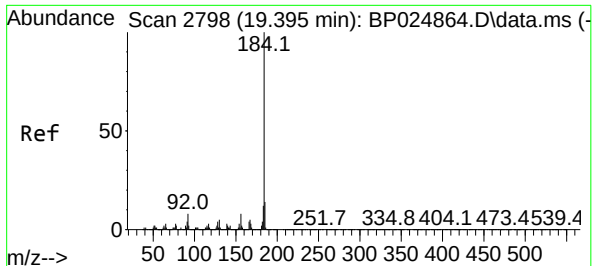
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.471 min Scan# 3151
Delta R.T. -0.012 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

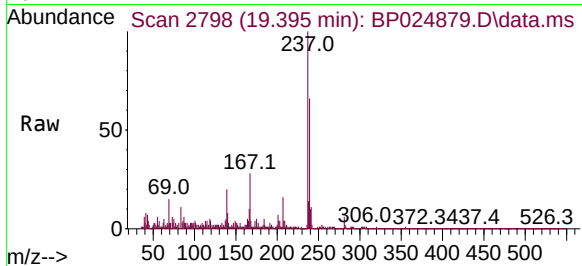
Tgt Ion: 240 Resp: 1490396
Ion Ratio Lower Upper
240 100
120 9.8 8.9 13.3
236 25.6 20.9 31.3





#77
Benzidine
Concen: 0.442 ng m
RT: 19.395 min Scan# 2798
Delta R.T. -0.000 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

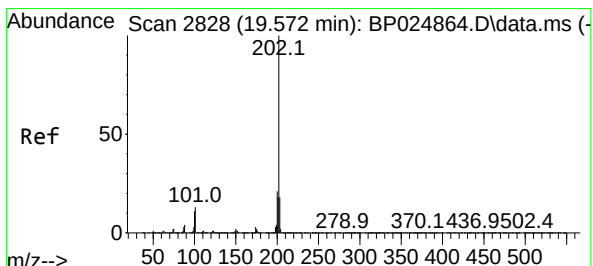
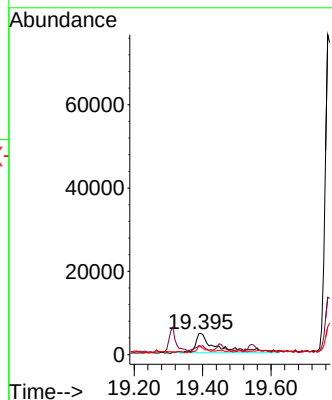
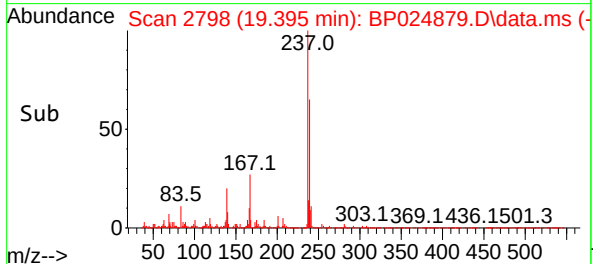
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion:184 Resp: 20413
Ion Ratio Lower Upper
184 100
185 39.8 11.4 17.0
183 35.8 9.5 14.3

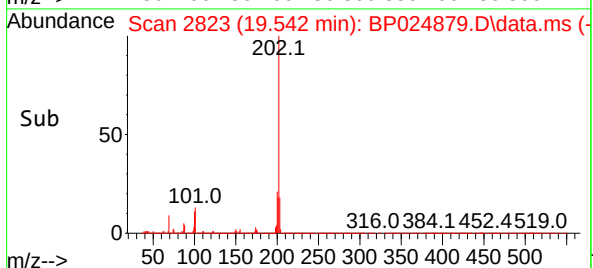
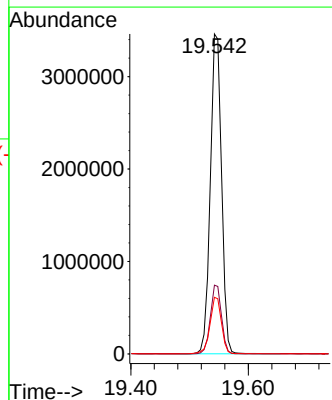
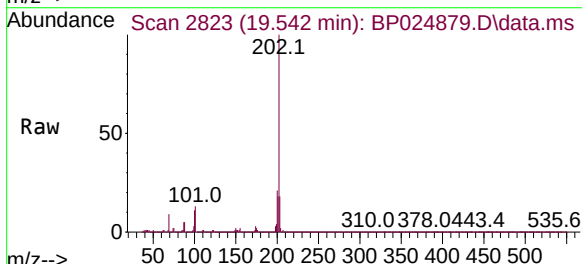
Manual Integrations
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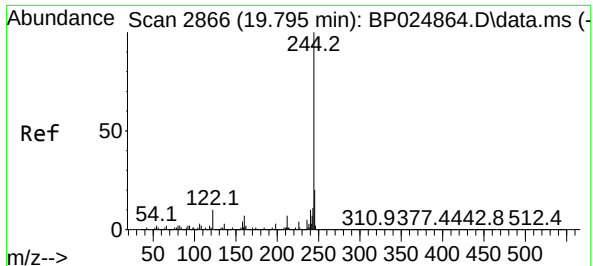
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#78
Pyrene
Concen: 49.362 ng
RT: 19.542 min Scan# 2823
Delta R.T. -0.029 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

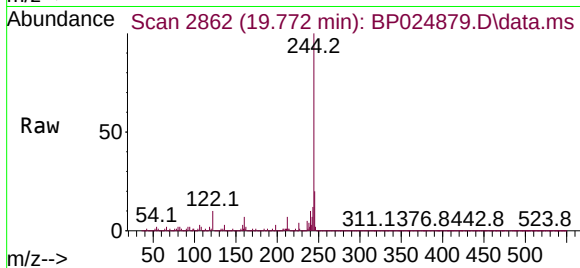
Tgt Ion:202 Resp: 4596154
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 17.7 14.0 21.0





#79
 Terphenyl-d14
 Concen: 80.403 ng
 RT: 19.772 min Scan# 2862
 Delta R.T. -0.024 min
 Lab File: BP024879.D
 Acq: 09 Jun 2025 16:14

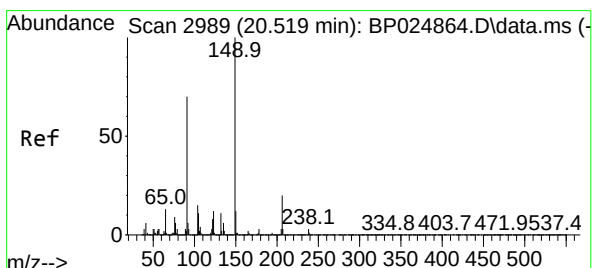
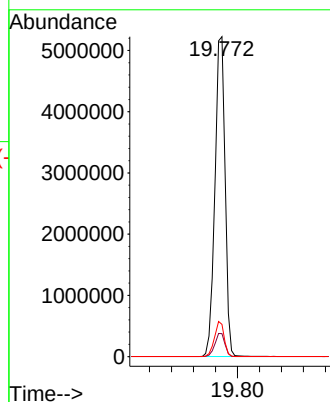
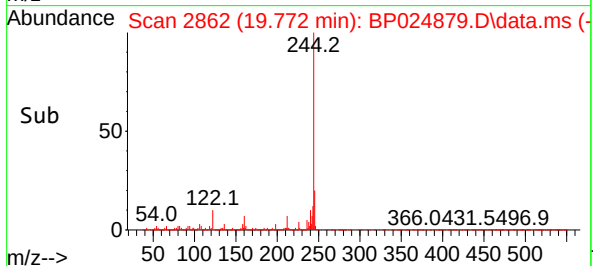
Instrument :
 BNA_P
 ClientSampleId :
 GW-MW01-060425MS



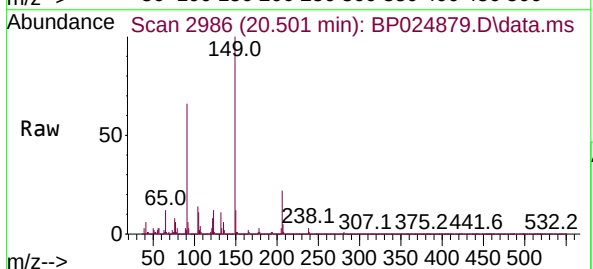
Tgt Ion:244 Resp: 668616
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 10.1 7.7 11.5

Manual Integrations
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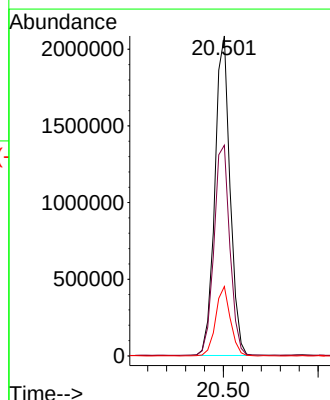
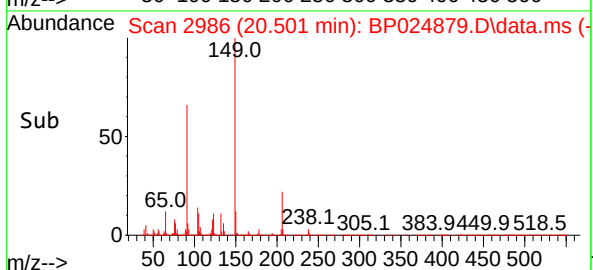
Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025

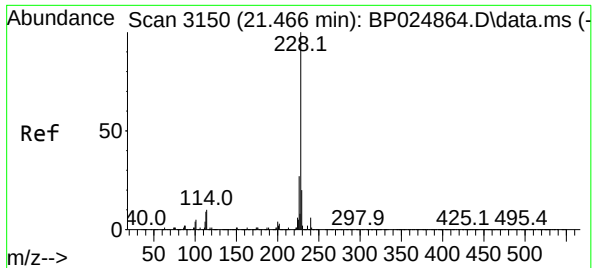


#80
 Butylbenzylphthalate
 Concen: 54.521 ng
 RT: 20.501 min Scan# 2986
 Delta R.T. -0.018 min
 Lab File: BP024879.D
 Acq: 09 Jun 2025 16:14



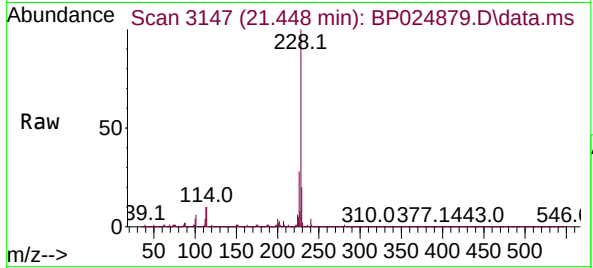
Tgt Ion:149 Resp: 2325334
 Ion Ratio Lower Upper
 149 100
 91 65.8 55.8 83.8
 206 21.7 16.2 24.2





#81
Benzo(a)anthracene
Concen: 52.380 ng
RT: 21.448 min Scan# 3150
Delta R.T. -0.018 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

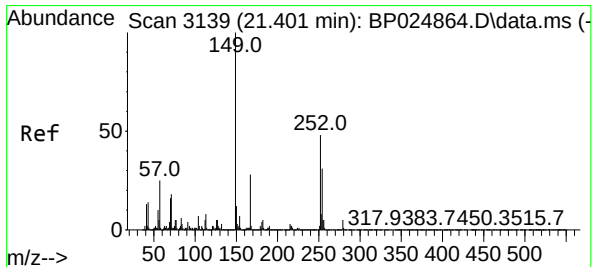
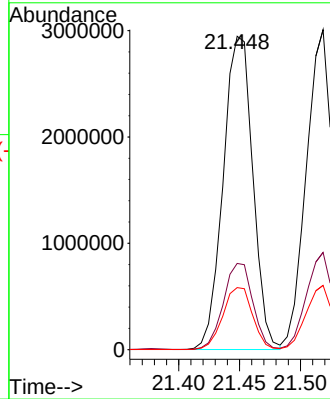
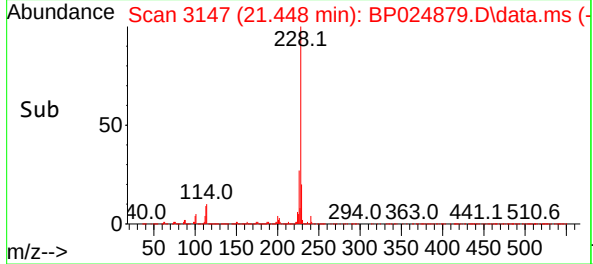
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion:228 Resp: 4992990
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 19.8 15.9 23.9

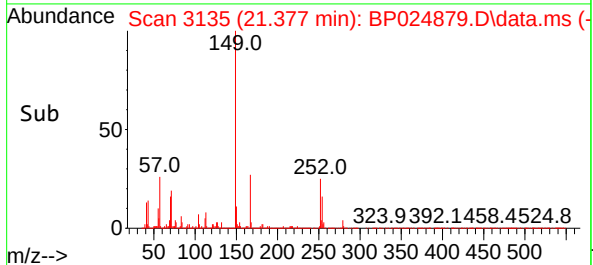
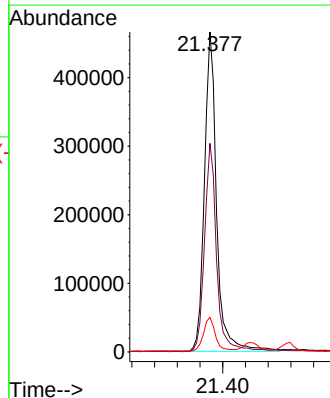
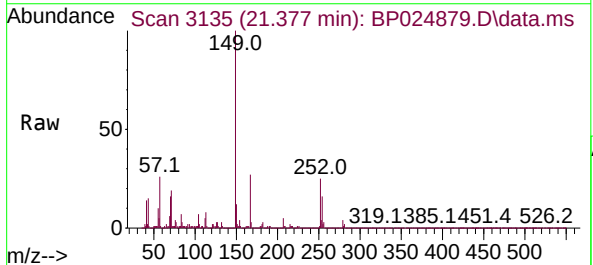
Manual Integrations
APPROVED

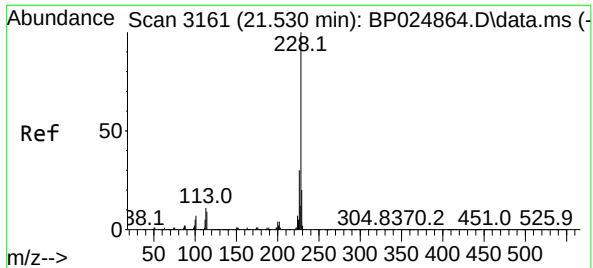
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#82
3,3'-Dichlorobenzidine
Concen: 18.352 ng
RT: 21.377 min Scan# 3135
Delta R.T. -0.024 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

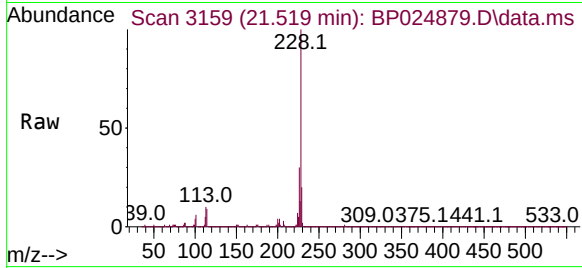
Tgt Ion:252 Resp: 694512
Ion Ratio Lower Upper
252 100
254 65.2 51.2 76.8
126 10.8 8.6 12.8





#83
Chrysene
Concen: 51.249 ng
RT: 21.519 min Scan# 3161
Delta R.T. -0.012 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

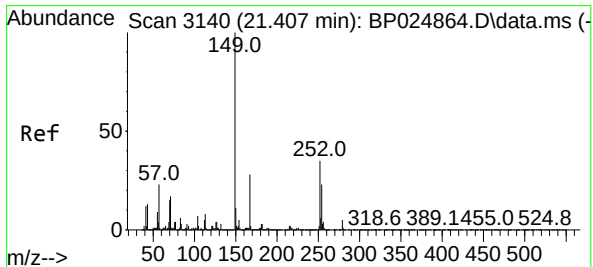
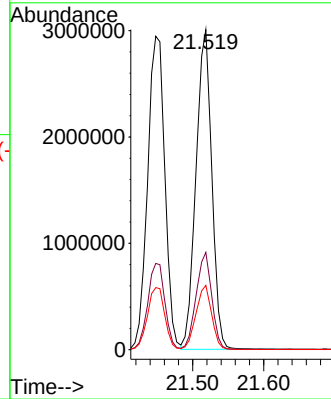
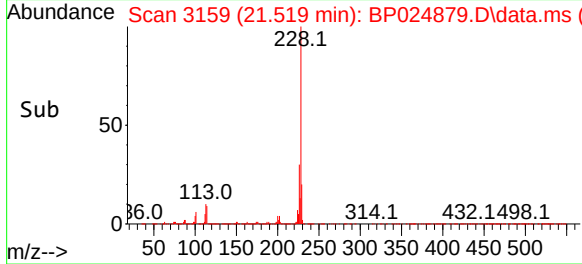
Instrument : BNA_P
ClientSampleId : GW-MW01-060425MS



Tgt Ion:228 Resp: 4628895
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.6
229 20.1 15.6 23.4

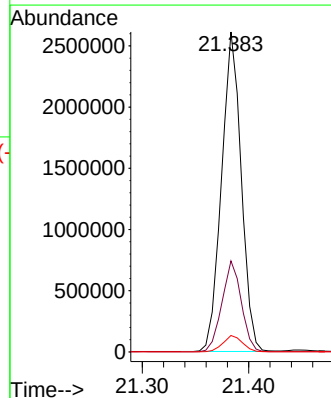
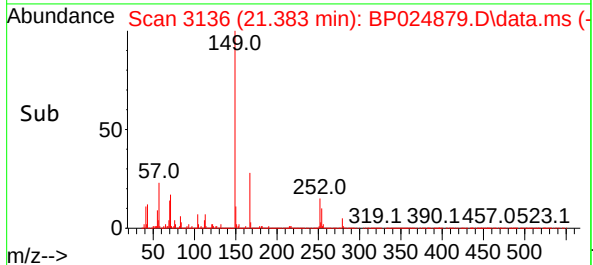
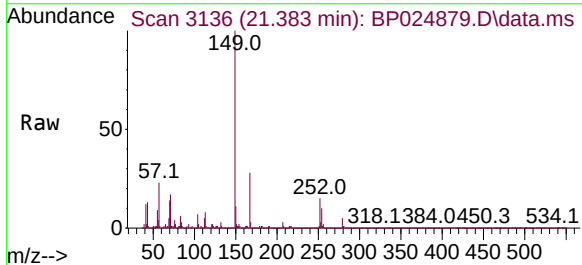
Manual Integrations
APPROVED

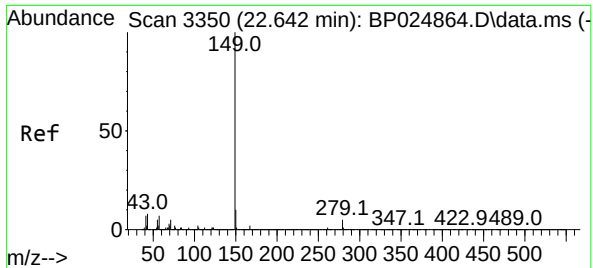
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.031 ng
RT: 21.383 min Scan# 3136
Delta R.T. -0.024 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

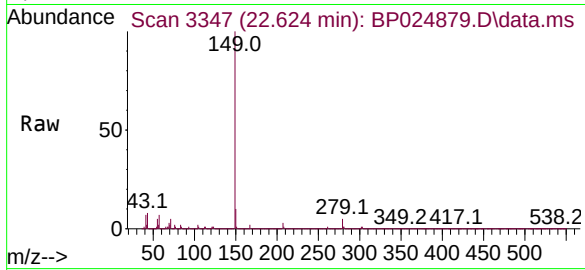
Tgt Ion:149 Resp: 3362786
Ion Ratio Lower Upper
149 100
167 28.4 22.2 33.4
279 5.1 4.0 6.0





#85
Di-n-octyl phthalate
Concen: 56.069 ng
RT: 22.624 min Scan# 3350
Delta R.T. -0.018 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

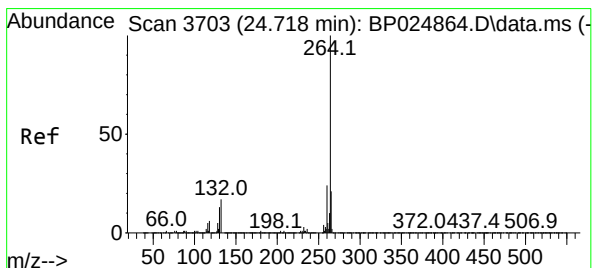
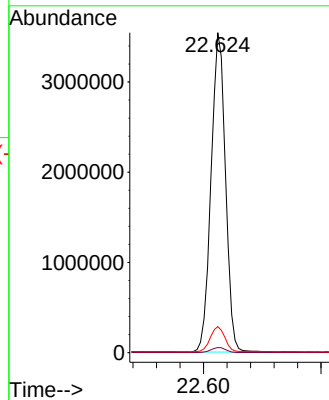
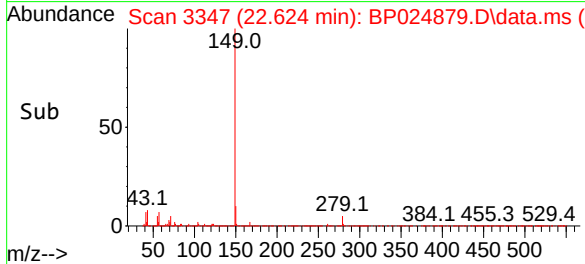
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion:149 Resp: 6039039
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 6.6 10.0

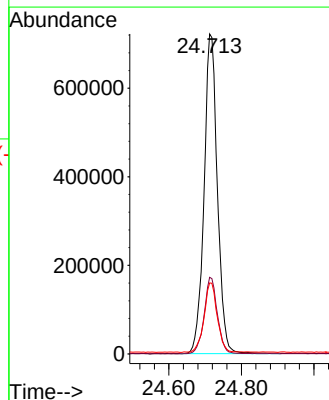
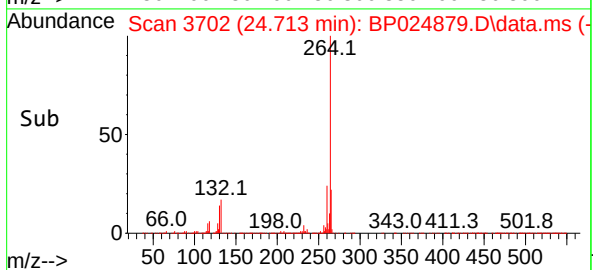
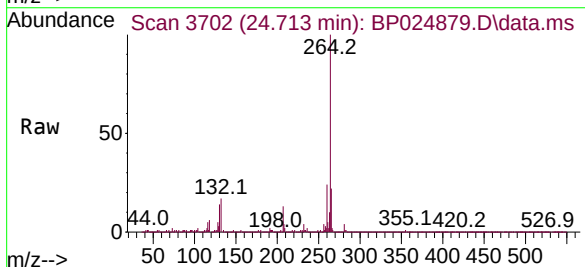
Manual Integrations
APPROVED

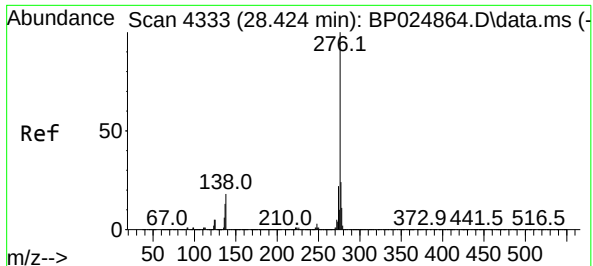
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.713 min Scan# 3702
Delta R.T. -0.006 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

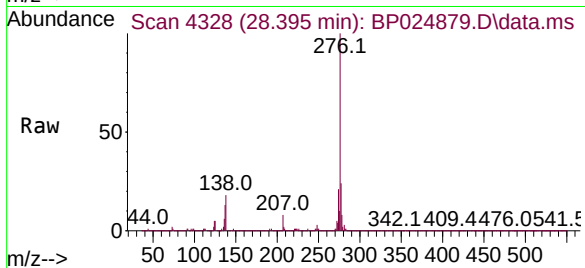
Tgt Ion:264 Resp: 1839742
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.4
265 22.2 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 54.022 ng
RT: 28.395 min Scan# 4333
Delta R.T. -0.029 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

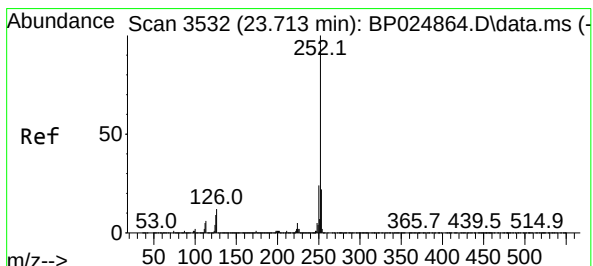
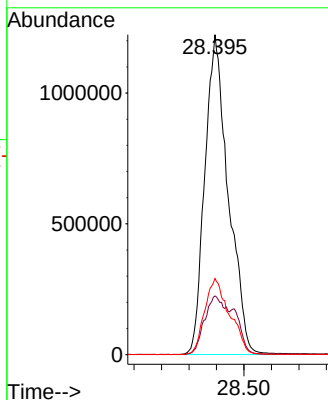
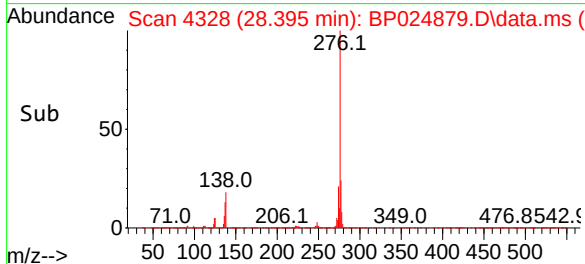
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion:276 Resp: 7251483
Ion Ratio Lower Upper
276 100
138 16.9 18.6 27.8
277 25.3 20.2 30.4

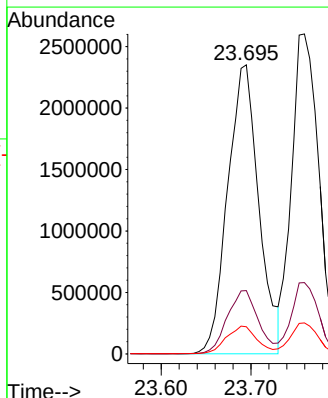
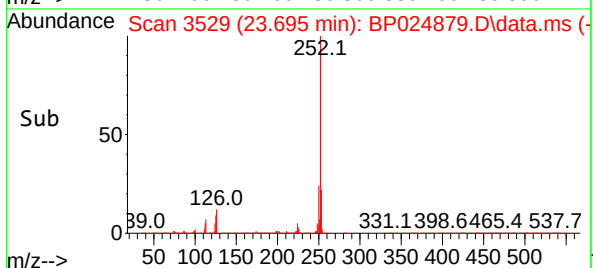
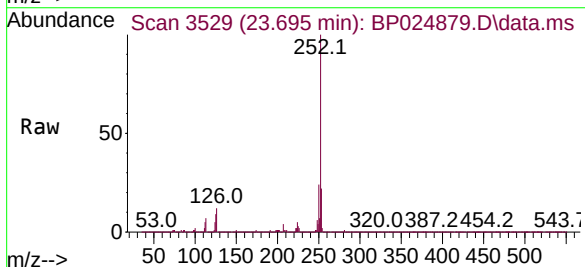
Manual Integrations
APPROVED

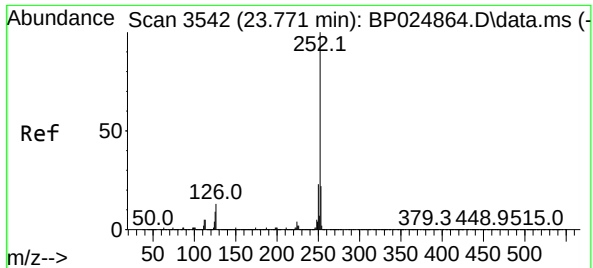
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#88
Benzo(b)fluoranthene
Concen: 53.928 ng
RT: 23.695 min Scan# 3529
Delta R.T. -0.018 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Tgt Ion:252 Resp: 5677984
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 50.958 ng

RT: 23.760 min Scan# 3542

Delta R.T. -0.012 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MS

Tgt Ion:252 Resp: 5461372

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

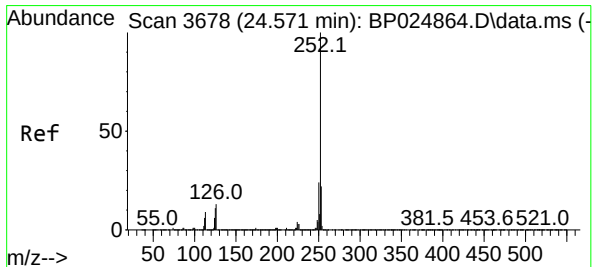
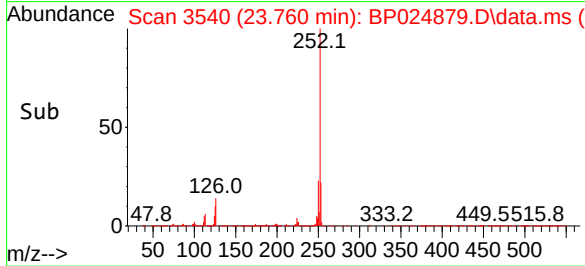
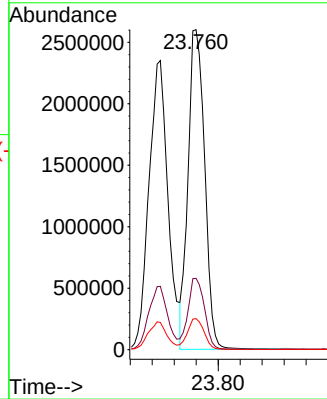
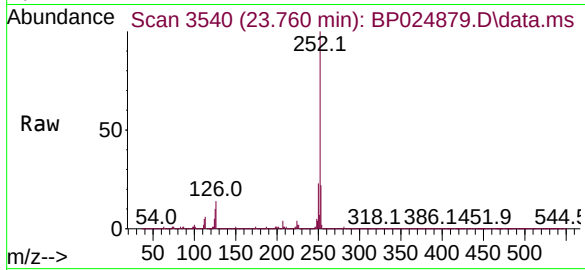
125 9.7 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#90

Benzo(a)pyrene

Concen: 51.959 ng

RT: 24.565 min Scan# 3677

Delta R.T. -0.006 min

Lab File: BP024879.D

Acq: 09 Jun 2025 16:14

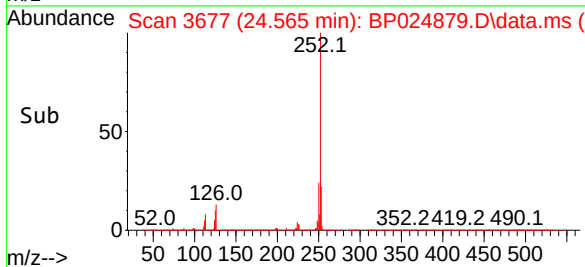
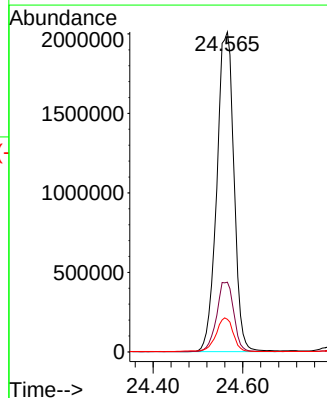
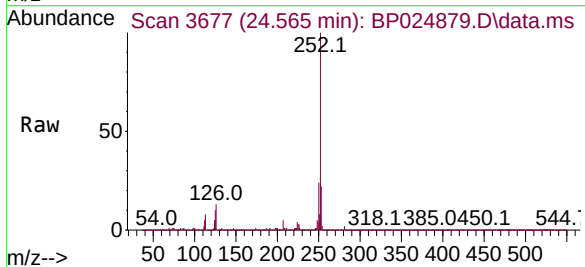
Tgt Ion:252 Resp: 5342607

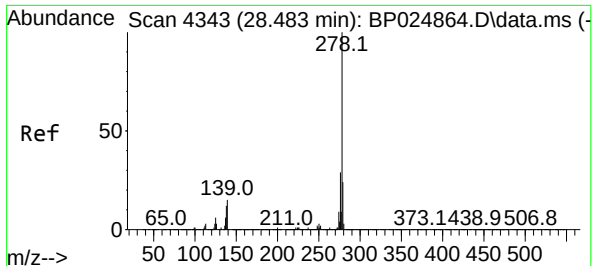
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

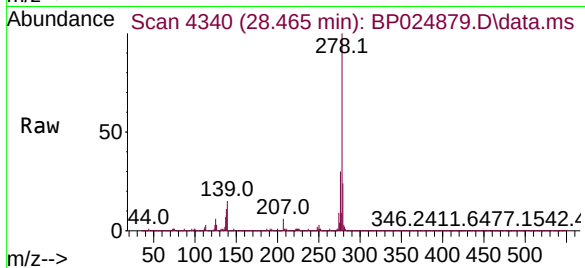
125 10.2 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 55.211 ng
RT: 28.465 min Scan# 4343
Delta R.T. -0.018 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

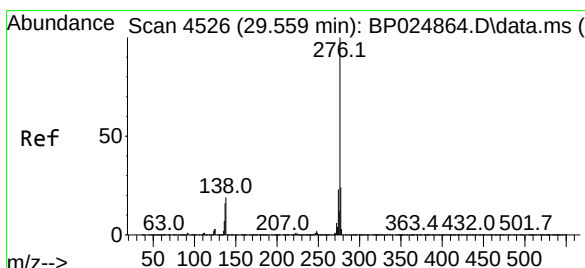
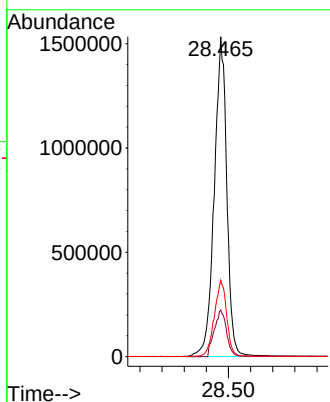
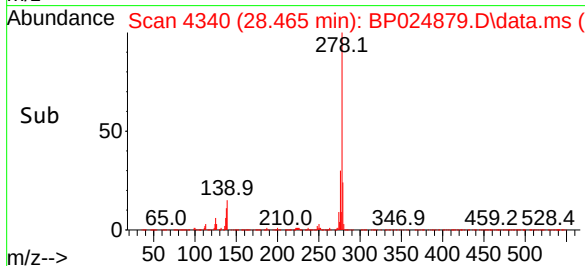
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS



Tgt Ion: 278 Resp: 6032384
Ion Ratio Lower Upper
278 100
139 14.6 12.0 18.0
279 23.9 19.1 28.7

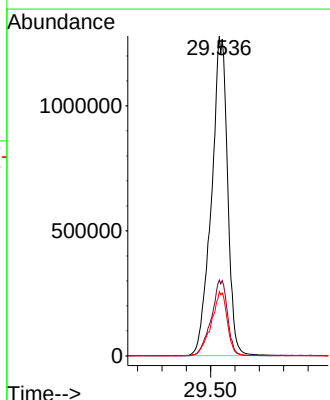
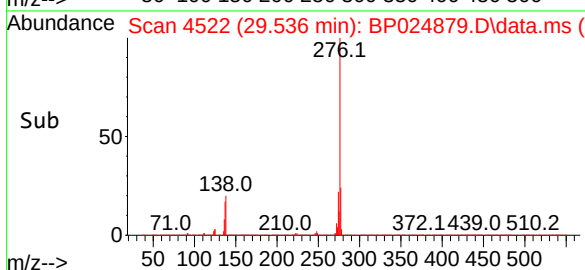
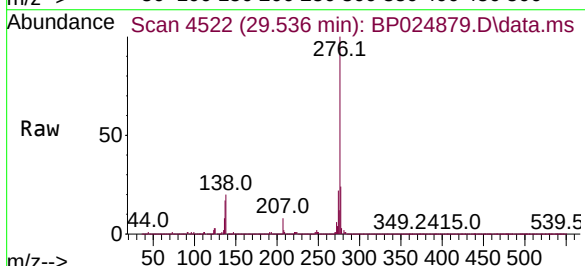
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#92
Benzo(g,h,i)perylene
Concen: 54.120 ng
RT: 29.536 min Scan# 4522
Delta R.T. -0.024 min
Lab File: BP024879.D
Acq: 09 Jun 2025 16:14

Tgt Ion: 276 Resp: 5867002
Ion Ratio Lower Upper
276 100
277 23.7 19.1 28.7
138 20.1 15.4 23.2



Report of Analysis

Client:	G Environmental	Date Collected:	06/04/25
Project:	Power	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425MSD	SDG No.:	Q2209
Lab Sample ID:	Q2230-04MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024880.D	1	06/06/25 08:35	06/09/25 16:55	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	38.8		4.20	10.6	ug/L
111-44-4	bis(2-Chloroethyl)ether	50.2		0.86	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44.5		1.40	5.30	ug/L
98-86-2	Acetophenone	55.5		0.79	5.30	ug/L
621-64-7	n-Nitroso-di-n-propylamine	48.1		1.50	2.70	ug/L
67-72-1	Hexachloroethane	24.9		0.69	5.30	ug/L
98-95-3	Nitrobenzene	54.8		0.81	5.30	ug/L
78-59-1	Isophorone	51.1		0.80	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	52.7		0.72	5.30	ug/L
91-20-3	Naphthalene	42.1		0.53	5.30	ug/L
106-47-8	4-Chloroaniline	28.9		0.89	5.30	ug/L
87-68-3	Hexachlorobutadiene	30.1		0.57	5.30	ug/L
105-60-2	Caprolactam	10.8		1.20	10.6	ug/L
91-57-6	2-Methylnaphthalene	48.6		0.60	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	70.7		3.90	10.6	ug/L
92-52-4	1,1-Biphenyl	52.0		0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	50.5		0.65	5.30	ug/L
88-74-4	2-Nitroaniline	49.4		1.30	5.30	ug/L
131-11-3	Dimethylphthalate	53.9		0.65	5.30	ug/L
208-96-8	Acenaphthylene	51.1		0.80	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	55.7		0.98	5.30	ug/L
99-09-2	3-Nitroaniline	32.5		1.10	5.30	ug/L
83-32-9	Acenaphthene	52.7		0.59	5.30	ug/L
132-64-9	Dibenzofuran	52.6		0.65	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	57.4		1.30	5.30	ug/L
84-66-2	Diethylphthalate	56.7		0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	54.1		0.72	5.30	ug/L
86-73-7	Fluorene	53.9		0.67	5.30	ug/L
100-01-6	4-Nitroaniline	44.3		1.60	5.30	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	06/04/25
Project:	Power	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425MSD	SDG No.:	Q2209
Lab Sample ID:	Q2230-04MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024880.D	1	06/06/25 08:35	06/09/25 16:55	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	53.2		0.62	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	56.8		0.43	5.30	ug/L
118-74-1	Hexachlorobenzene	55.5		0.55	5.30	ug/L
1912-24-9	Atrazine	57.4		1.10	5.30	ug/L
85-01-8	Phenanthrene	53.6		0.53	5.30	ug/L
120-12-7	Anthracene	53.0		0.65	5.30	ug/L
86-74-8	Carbazole	54.8		0.77	5.30	ug/L
84-74-2	Di-n-butylphthalate	59.9		1.30	5.30	ug/L
206-44-0	Fluoranthene	54.9		0.87	5.30	ug/L
129-00-0	Pyrene	56.8		0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	63.2		2.10	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	18.2		0.99	10.6	ug/L
56-55-3	Benzo(a)anthracene	55.1		0.48	5.30	ug/L
218-01-9	Chrysene	54.7		0.47	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	66.5		1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	64.9		2.50	10.6	ug/L
205-99-2	Benzo(b)fluoranthene	56.0		0.52	5.30	ug/L
207-08-9	Benzo(k)fluoranthene	55.1		0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	54.8		0.59	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	55.3		0.63	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	55.8		0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	54.4		0.73	5.30	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	48.8		0.55	5.30	ug/L
123-91-1	1,4-Dioxane	19.4		1.10	5.30	ug/L

SURROGATES

4165-60-0	Nitrobenzene-d5	88.0	30 (67) - 130 (132)	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.9	30 (52) - 130 (132)	86%	SPK: 100
1718-51-0	Terphenyl-d14	89.3	30 (42) - 130 (152)	89%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	336000	7.608

Report of Analysis

Client:	G Environmental	Date Collected:	06/04/25
Project:	Power	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425MSD	SDG No.:	Q2209
Lab Sample ID:	Q2230-04MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024880.D	1	06/06/25 08:35	06/09/25 16:55	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	1350000	10.378			
15067-26-2	Acenaphthene-d10	841000	14.248			
1517-22-2	Phenanthrene-d10	1660000	17.042			
1719-03-5	Chrysene-d12	1680000	21.477			
1520-96-3	Perylene-d12	1930000	24.73			

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\BP060925\
 Data File : BP024880.D
 Acq On : 09 Jun 2025 16:55
 Operator : RC/JU
 Sample : Q2230-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GW-MW01-060425MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 17:23:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	335961	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1346862	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	841053	20.000	ng	0.00
64) Phenanthrene-d10	17.042	188	1657665	20.000	ng	-0.02
76) Chrysene-d12	21.477	240	1681535	20.000	ng	0.00
86) Perylene-d12	24.730	264	1927042	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1493936	74.225	ng	0.00
7) Phenol-d6	6.813	99	1233920	46.335	ng	0.00
23) Nitrobenzene-d5	8.760	82	2438439	87.976	ng	0.00
42) 2,4,6-Tribromophenol	15.766	330	1844847	158.655	ng	-0.02
45) 2-Fluorobiphenyl	12.854	172	5360805	85.864	ng	0.00
79) Terphenyl-d14	19.772	244	8381201	89.330	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.172	88	161256	18.208	ng	# 96
3) Pyridine	3.572	79	330125	15.500	ng	98
4) n-Nitrosodimethylamine	3.478	42	190267	21.852	ng	# 97
6) Aniline	6.949	93	870597	25.617	ng	99
8) 2-Chlorophenol	7.190	128	935721	41.010	ng	99
9) Benzaldehyde	6.766	77	560379	36.508	ng	# 76
10) Phenol	6.843	94	466808	17.004	ng	98
11) bis(2-Chloroethyl)ether	7.043	93	1018320	47.162	ng	99
12) 1,3-Dichlorobenzene	7.502	146	608351	23.900	ng	99
13) 1,4-Dichlorobenzene	7.643	146	628703	24.480	ng	100
14) 1,2-Dichlorobenzene	7.955	146	647114	25.659	ng	98
15) Benzyl Alcohol	7.860	79	695705	34.040	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.131	45	1181061	41.791	ng	100
17) 2-Methylphenol	8.072	107	666028	34.742	ng	99
18) Hexachloroethane	8.672	117	226470m	23.422	ng	
19) n-Nitroso-di-n-propyla...	8.413	70	818207	45.196	ng	100
20) 3+4-Methylphenols	8.396	107	946970	36.206	ng	97
22) Acetophenone	8.431	105	1776046	52.192	ng	98
24) Nitrobenzene	8.802	77	1268698	51.524	ng	98
25) Isophorone	9.325	82	2307754	48.041	ng	100
26) 2-Nitrophenol	9.507	139	604321	49.741	ng	99
27) 2,4-Dimethylphenol	9.578	122	915691	44.039	ng	99
28) bis(2-Chloroethoxy)met...	9.796	93	1419352	49.533	ng	99
29) 2,4-Dichlorophenol	10.049	162	972262	48.733	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	735365	32.679	ng	98
31) Naphthalene	10.425	128	2733509	39.604	ng	99
32) Benzoic acid	9.749	122	395443	28.143	ng	96
33) 4-Chloroaniline	10.549	127	786095	27.184	ng	99
34) Hexachlorobutadiene	10.707	225	383395	28.269	ng	99
35) Caprolactam	11.401	113	74360	10.125	ng	# 89
36) 4-Chloro-3-methylphenol	11.696	107	1057705	45.963	ng	100
37) 2-Methylnaphthalene	12.043	142	2000223	45.686	ng	100
38) 1-Methylnaphthalene	12.260	142	2147003	45.868	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	1093780	45.831	ng	100
41) Hexachlorocyclopentadiene	12.396	237	967365	66.457	ng	99
43) 2,4,6-Trichlorophenol	12.672	196	851953	53.157	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024880.D
 Acq On : 09 Jun 2025 16:55
 Operator : RC/JU
 Sample : Q2230-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GW-MW01-060425MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 17:23:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	931664	54.280	ng	98
46) 1,1'-Biphenyl	13.072	154	2985178	48.840	ng	98
47) 2-Chloronaphthalene	13.107	162	2227755	47.423	ng	99
48) 2-Nitroaniline	13.331	65	670214	46.407	ng	97
49) Acenaphthylene	13.966	152	3760375	48.008	ng	100
50) Dimethylphthalate	13.719	163	3142438	50.649	ng	100
51) 2,6-Dinitrotoluene	13.831	165	700478	52.372	ng	99
52) Acenaphthene	14.313	154	2223943	49.549	ng	99
53) 3-Nitroaniline	14.172	138	423824	30.534	ng	100
54) 2,4-Dinitrophenol	14.390	184	881046	99.689	ng	99
55) Dibenzofuran	14.648	168	3562013	49.440	ng	99
56) 4-Nitrophenol	14.525	139	470374	42.732	ng	98
57) 2,4-Dinitrotoluene	14.637	165	1010355	54.002	ng	97
58) Fluorene	15.313	166	2947017	50.635	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.895	232	823770	53.716	ng	99
60) Diethylphthalate	15.095	149	3296154	53.307	ng	99
61) 4-Chlorophenyl-phenyle...	15.307	204	1446499	50.830	ng	99
62) 4-Nitroaniline	15.354	138	523586	41.603	ng	96
63) Azobenzene	15.607	77	2984270	52.624	ng	99
65) 4,6-Dinitro-2-methylph...	15.413	198	573565	52.658	ng	99
66) n-Nitrosodiphenylamine	15.531	169	2570412	50.028	ng	99
67) 4-Bromophenyl-phenylether	16.219	248	997886	53.352	ng	99
68) Hexachlorobenzene	16.337	284	1181954	52.127	ng	96
69) Atrazine	16.513	200	1005027	53.958	ng	99
70) Pentachlorophenol	16.701	266	1568201	133.632	ng	99
71) Phenanthrene	17.089	178	4614297	50.372	ng	99
72) Anthracene	17.184	178	4618867	49.786	ng	99
73) Carbazole	17.472	167	4426692	51.477	ng	99
74) Di-n-butylphthalate	18.048	149	6002825	56.341	ng	100
75) Fluoranthene	19.178	202	5483337	51.645	ng	99
77) Benzidine	19.407	184	15854m	0.304	ng	
78) Pyrene	19.554	202	5611099	53.412	ng	100
80) Butylbenzylphthalate	20.513	149	2857974	59.393	ng	97
81) Benzo(a)anthracene	21.460	228	5574248	51.831	ng	99
82) 3,3'-Dichlorobenzidine	21.389	252	731610	17.135	ng	98
83) Chrysene	21.524	228	5240307	51.424	ng	99
84) Bis(2-ethylhexyl)phtha...	21.395	149	4311017	62.529	ng	99
85) Di-n-octyl phthalate	22.636	149	7409270	60.971	ng	99
87) Indeno(1,2,3-cd)pyrene	28.436	276	7307495	51.973	ng	# 91
88) Benzo(b)fluoranthene	23.713	252	5806971	52.654	ng	99
89) Benzo(k)fluoranthene	23.777	252	5816924	51.816	ng	99
90) Benzo(a)pyrene	24.589	252	5546665	51.500	ng	99
91) Dibenzo(a,h)anthracene	28.477	278	6005498	52.475	ng	99
92) Benzo(g,h,i)perylene	29.559	276	5809887	51.165	ng	99

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

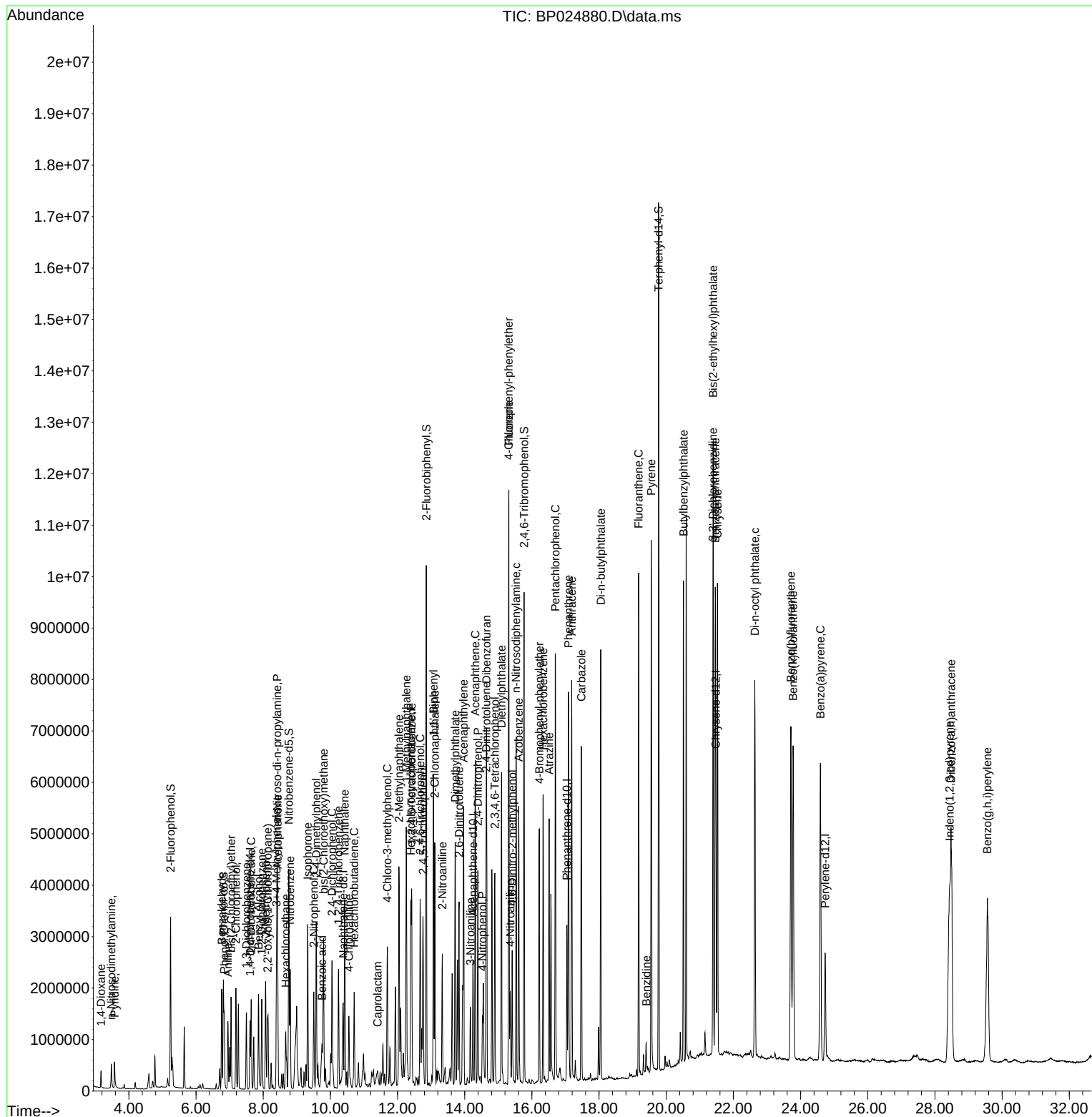
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Data File : BP024880.D
Acq On : 09 Jun 2025 16:55
Operator : RC/JU
Sample : Q2230-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

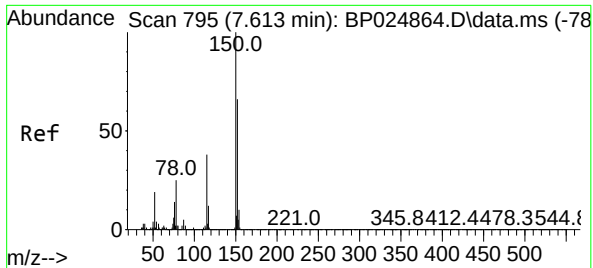
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

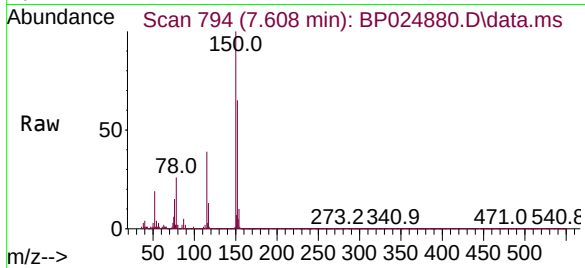
Quant Time: Jun 09 17:23:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

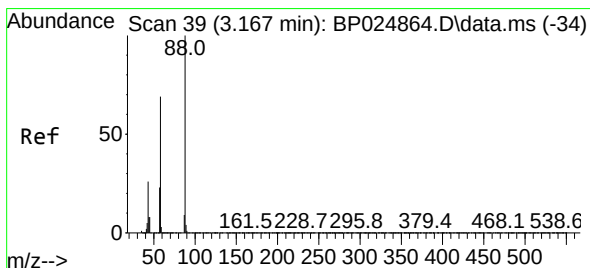
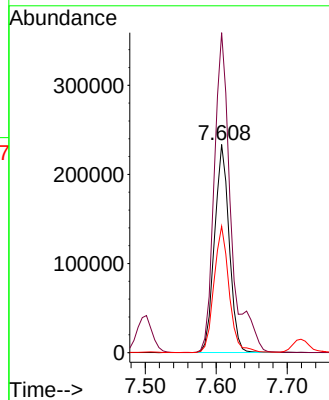
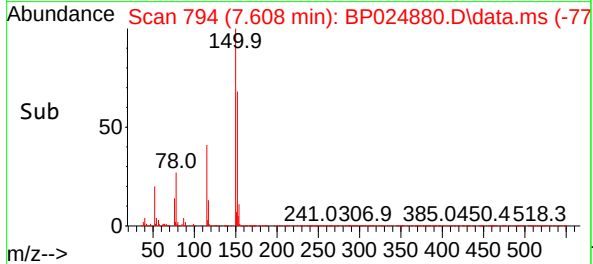
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion: 152 Resp: 335963
Ion Ratio Lower Upper
152 100
150 153.8 122.1 183.1
115 60.7 46.4 69.6

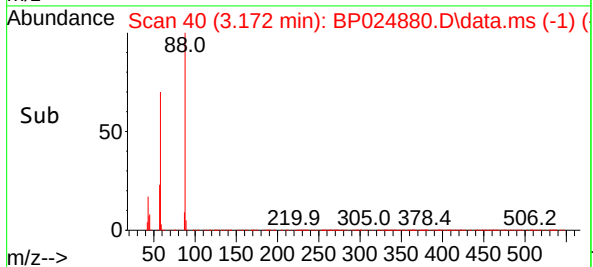
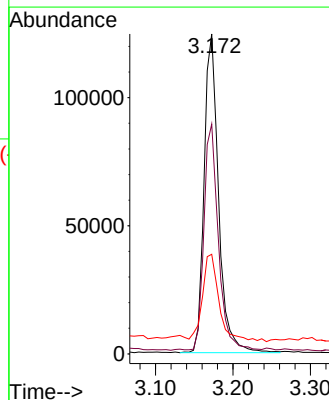
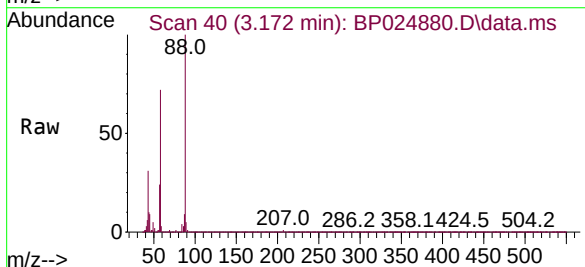
Manual Integrations
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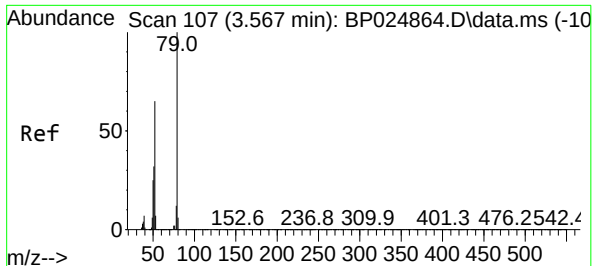
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#2
1,4-Dioxane
Concen: 18.208 ng
RT: 3.172 min Scan# 40
Delta R.T. 0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

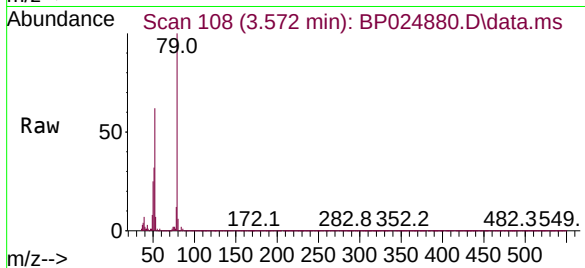
Tgt Ion: 88 Resp: 161256
Ion Ratio Lower Upper
88 100
58 70.0 55.4 83.0
43 31.7 20.8 31.2





#3
Pyridine
Concen: 15.500 ng
RT: 3.572 min Scan# 107
Delta R.T. 0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

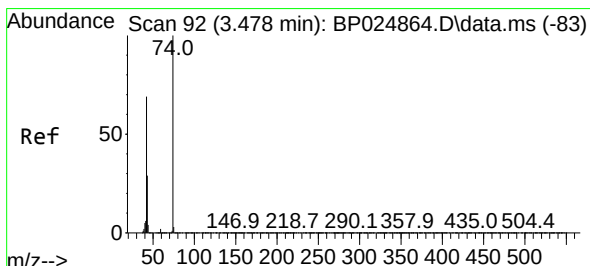
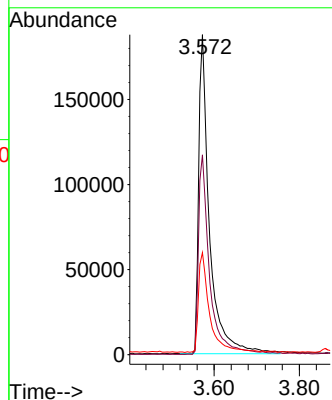
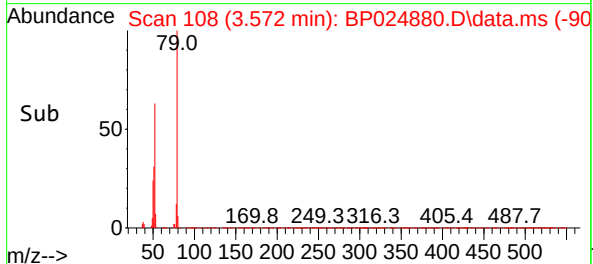
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion: 79 Resp: 330125
Ion Ratio Lower Upper
79 100
52 62.4 51.6 77.4
51 31.9 25.5 38.3

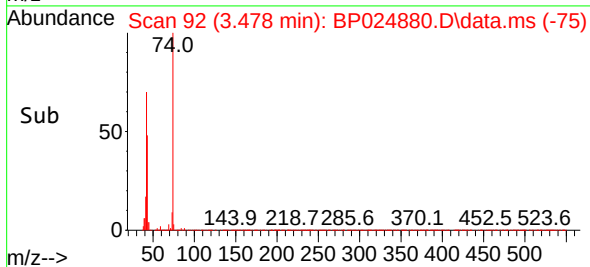
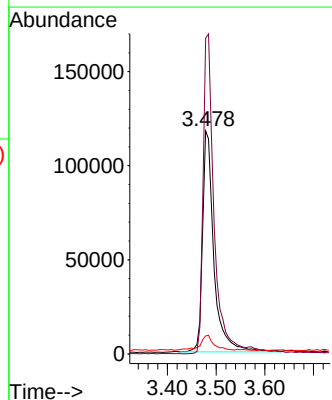
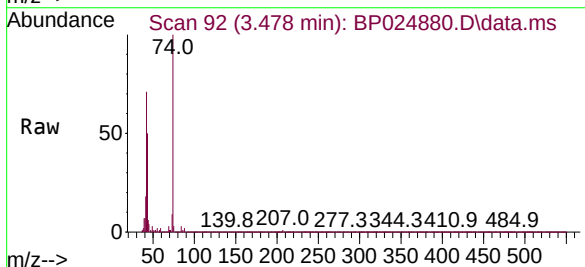
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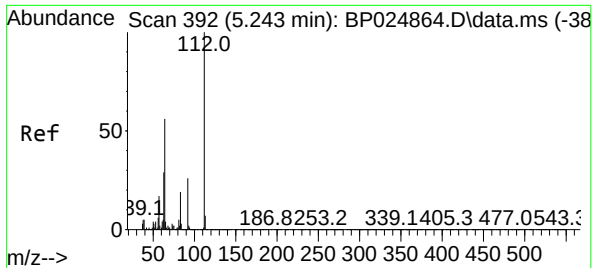
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#4
n-Nitrosodimethylamine
Concen: 21.852 ng
RT: 3.478 min Scan# 92
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

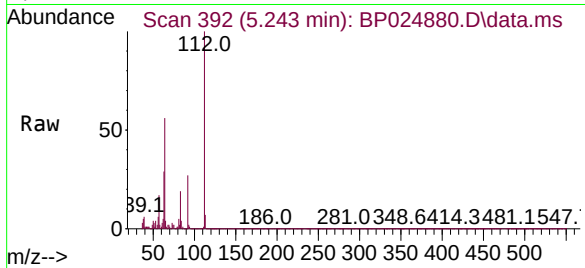
Tgt Ion: 42 Resp: 190267
Ion Ratio Lower Upper
42 100
74 141.5 116.6 174.8
44 8.1 5.4 8.0





#5
2-Fluorophenol
Concen: 74.225 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

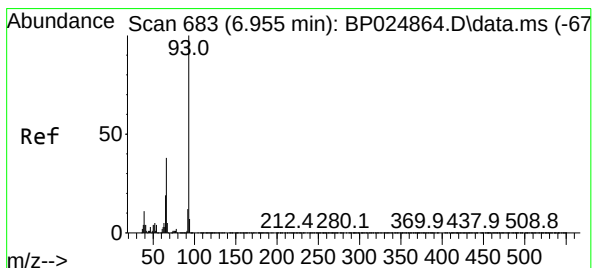
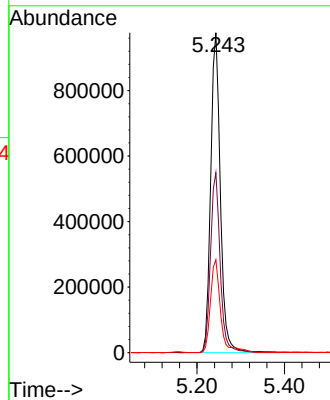
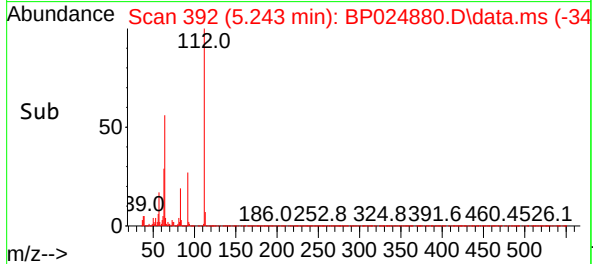
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion: 112 Resp: 1493936
Ion Ratio Lower Upper
112 100
64 56.2 44.7 67.1
63 29.0 23.5 35.3

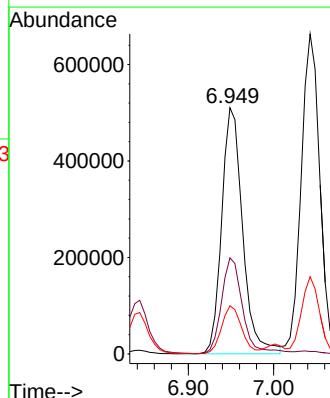
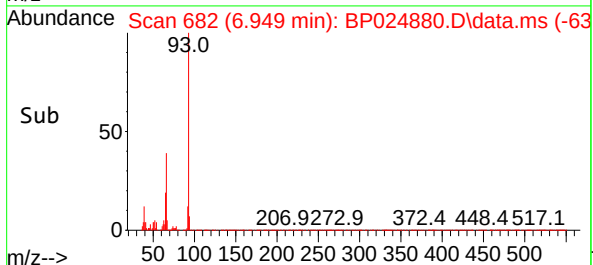
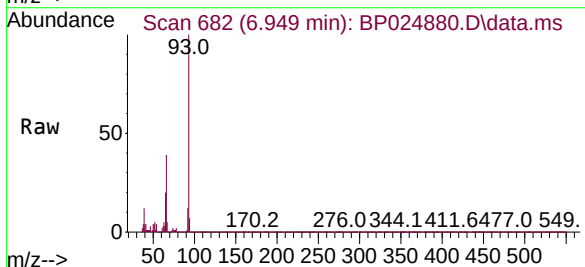
Manual Integrations
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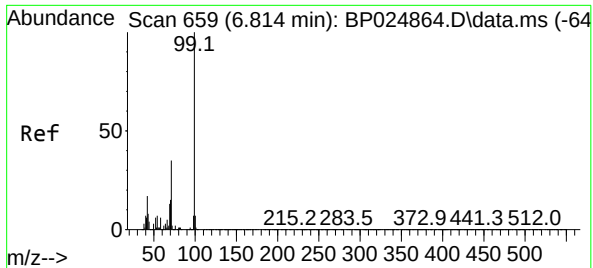
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#6
Aniline
Concen: 25.617 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

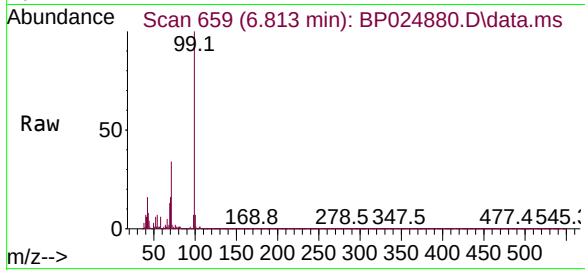
Tgt Ion: 93 Resp: 870597
Ion Ratio Lower Upper
93 100
66 39.0 30.9 46.3
65 19.5 15.5 23.3





#7
Phenol-d6
Concen: 46.335 ng
RT: 6.813 min Scan# 659
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

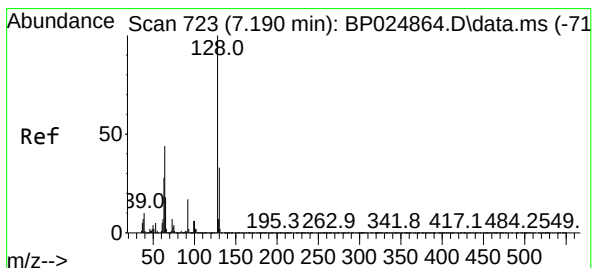
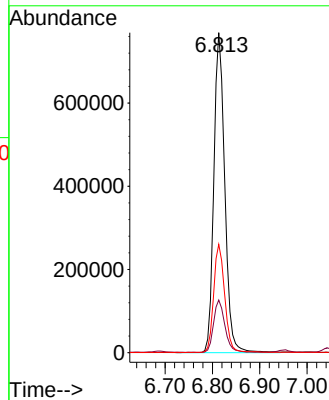
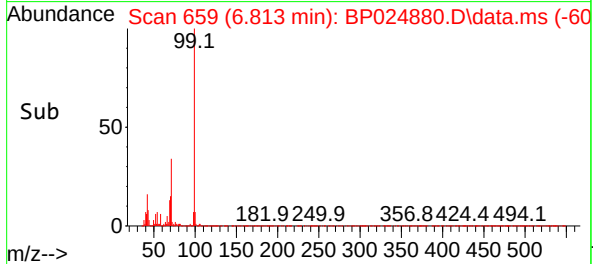
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion: 99 Resp: 1233920
Ion Ratio Lower Upper
99 100
42 16.4 13.4 20.2
71 33.8 27.6 41.4

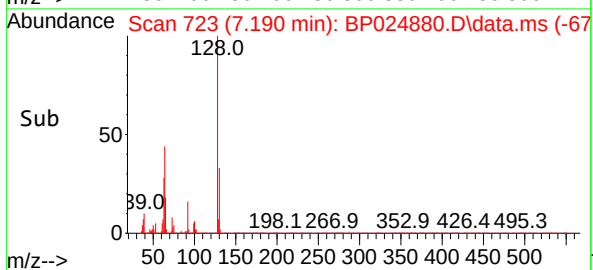
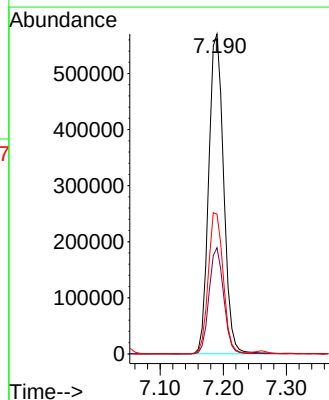
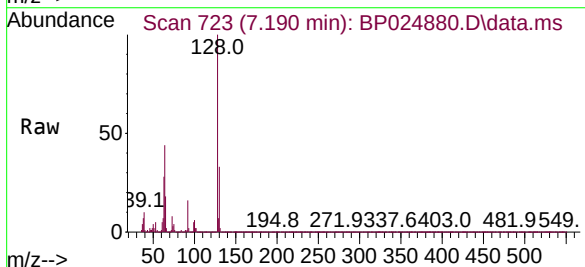
Manual Integrations
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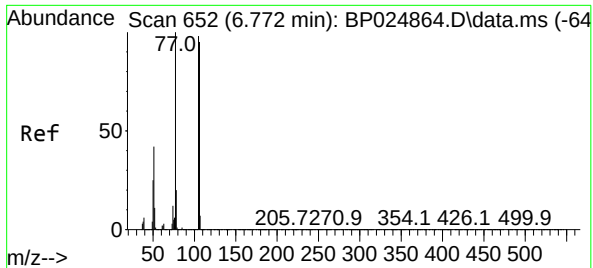
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#8
2-Chlorophenol
Concen: 41.010 ng
RT: 7.190 min Scan# 723
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

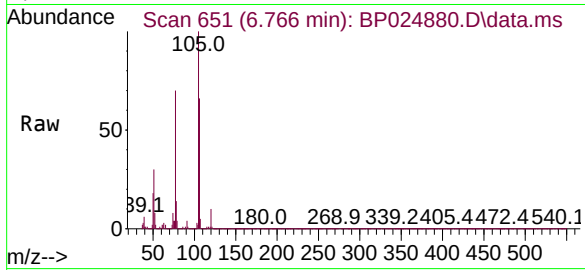
Tgt Ion:128 Resp: 935721
Ion Ratio Lower Upper
128 100
130 33.2 12.6 52.6
64 43.7 24.1 64.1





#9
Benzaldehyde
Concen: 36.508 ng
RT: 6.766 min Scan# 651
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

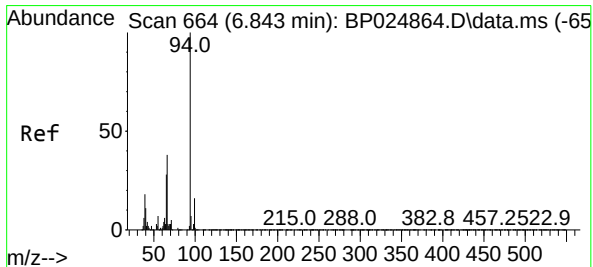
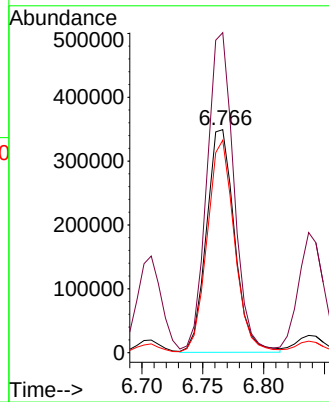
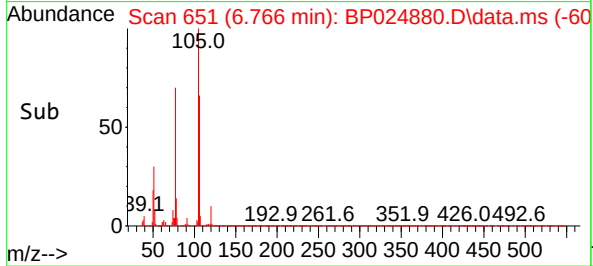
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion: 77 Resp: 560379
Ion Ratio Lower Upper
77 100
105 143.5 77.7 117.7
106 95.3 74.8 114.8

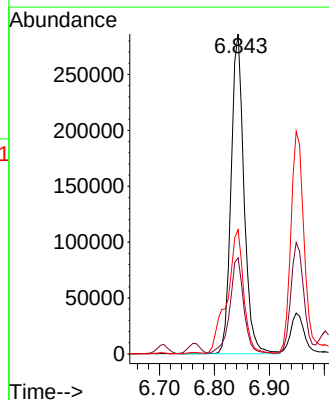
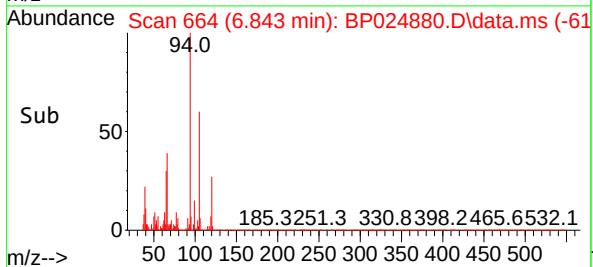
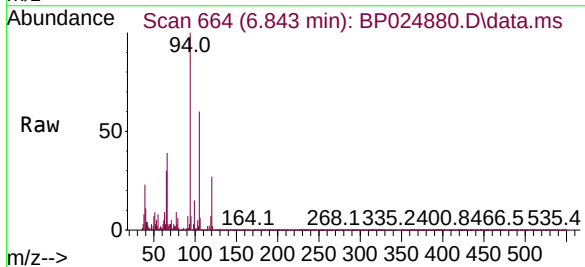
Manual Integrations
APPROVED

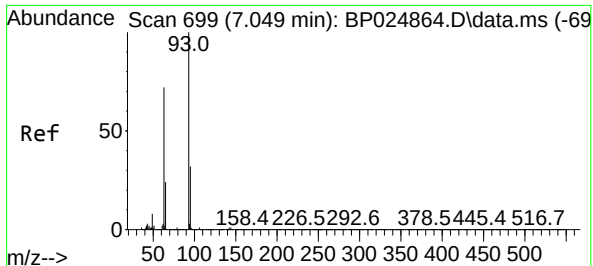
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#10
Phenol
Concen: 17.004 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

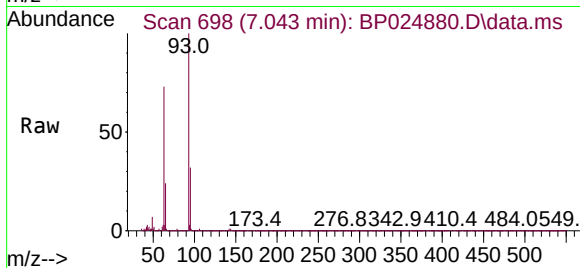
Tgt Ion: 94 Resp: 466808
Ion Ratio Lower Upper
94 100
65 30.0 8.3 48.3
66 38.8 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 47.162 ng
RT: 7.043 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

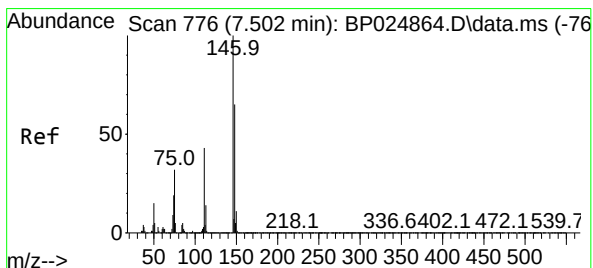
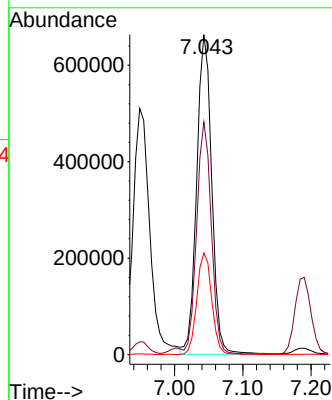
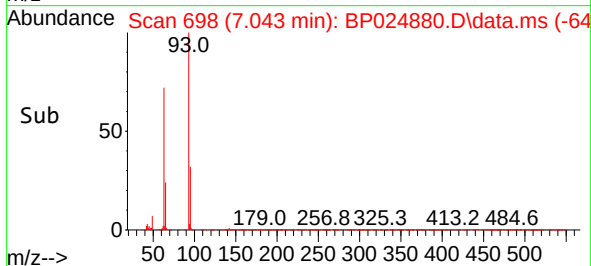
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion: 93 Resp: 1018320
Ion Ratio Lower Upper
93 100
63 72.7 51.6 91.6
95 31.8 12.1 52.1

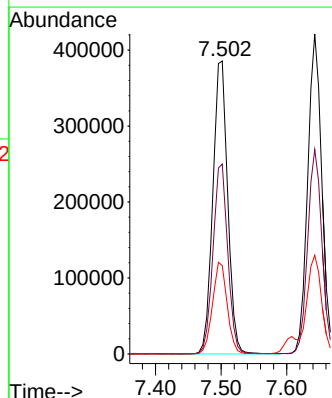
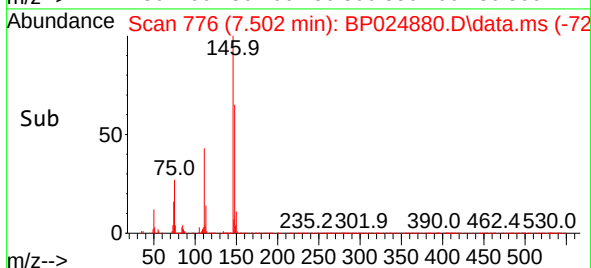
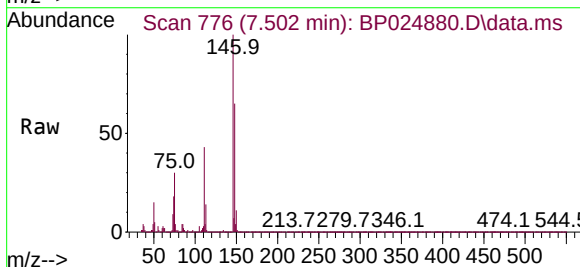
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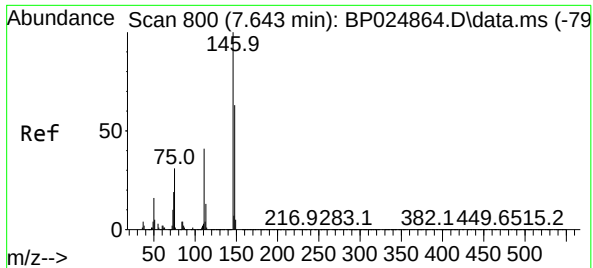
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#12
1,3-Dichlorobenzene
Concen: 23.900 ng
RT: 7.502 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

Tgt Ion:146 Resp: 608351
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
75 30.2 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 24.480 ng

RT: 7.643 min Scan# 80

Delta R.T. -0.000 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion:146 Resp: 628703

Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

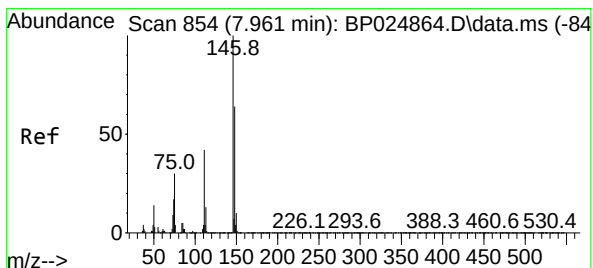
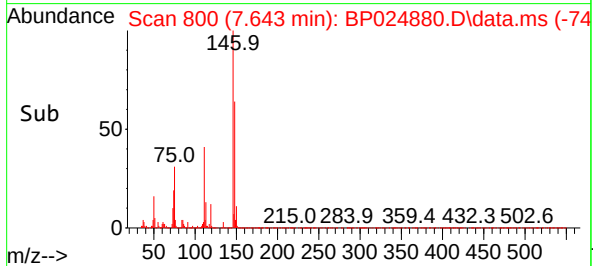
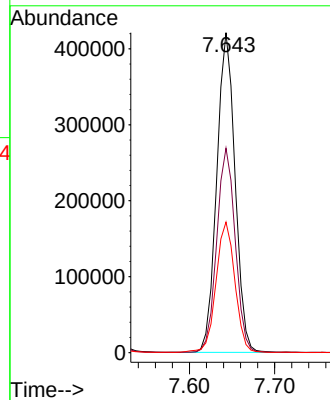
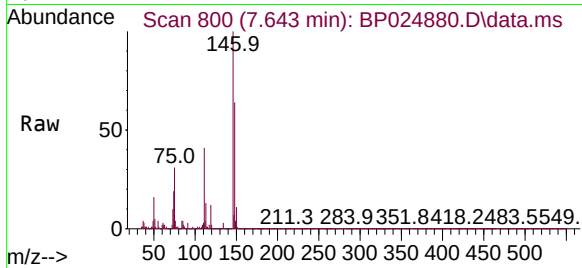
111 40.8 32.7 49.1

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#14

1,2-Dichlorobenzene

Concen: 25.659 ng

RT: 7.955 min Scan# 853

Delta R.T. -0.006 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

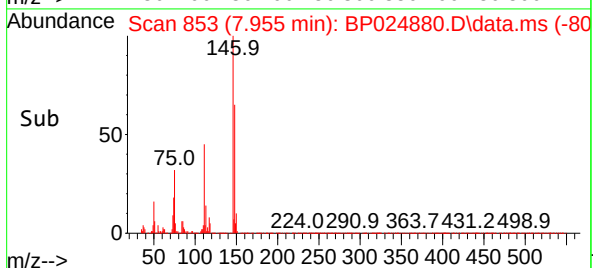
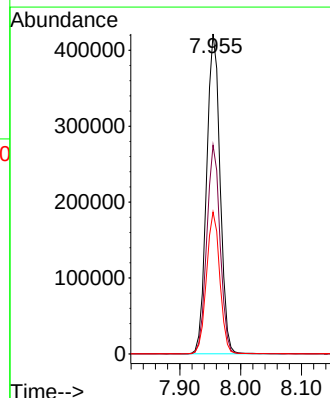
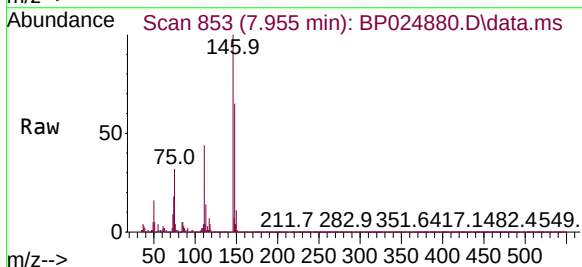
Tgt Ion:146 Resp: 647114

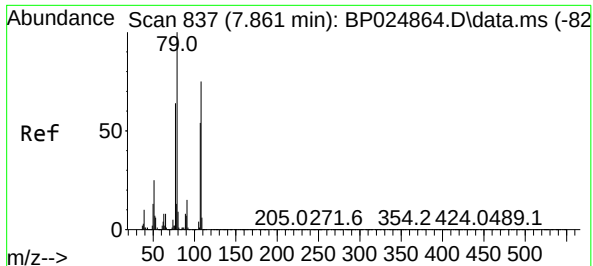
Ion Ratio Lower Upper

146 100

148 65.2 51.0 76.4

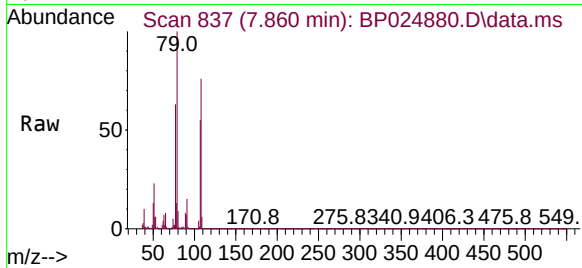
111 44.3 33.8 50.8





#15
Benzyl Alcohol
Concen: 34.040 ng
RT: 7.860 min Scan# 837
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

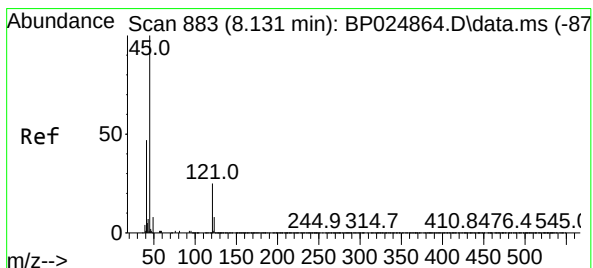
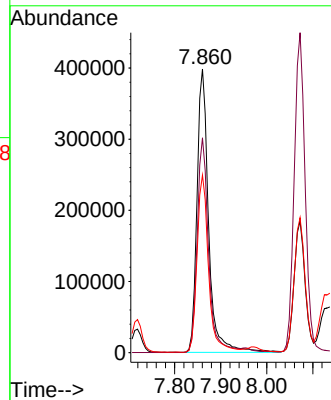
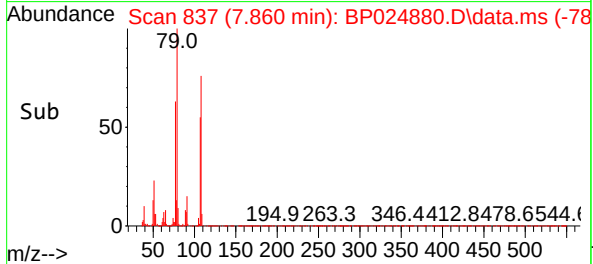
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



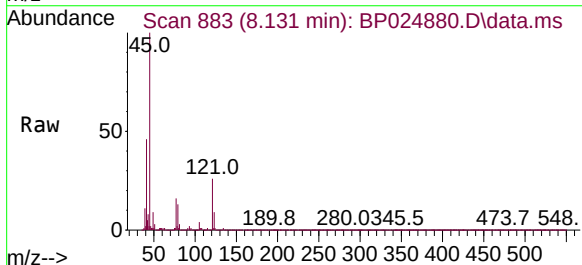
Tgt Ion: 79 Resp: 695705
Ion Ratio Lower Upper
79 100
108 75.7 60.2 90.4
77 62.6 51.2 76.8

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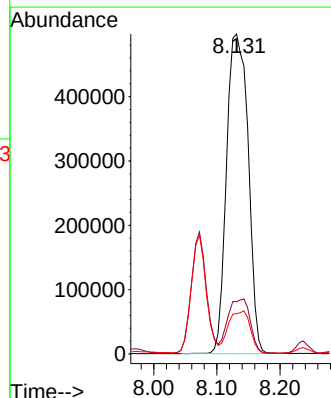
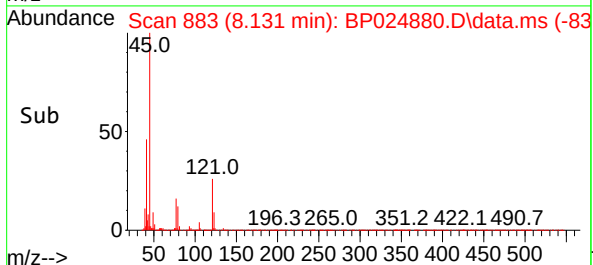
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

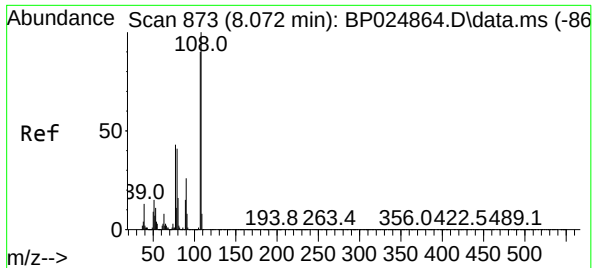


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.791 ng
RT: 8.131 min Scan# 883
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55



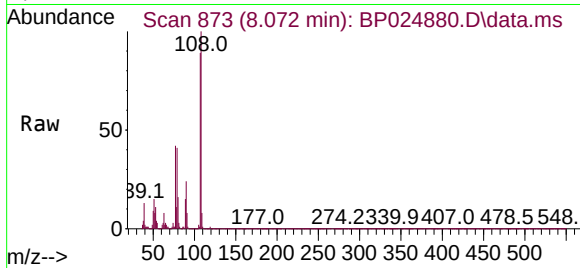
Tgt Ion: 45 Resp: 1181061
Ion Ratio Lower Upper
45 100
77 16.3 0.0 36.3
79 12.6 0.0 32.2





#17
2-Methylphenol
Concen: 34.742 ng
RT: 8.072 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

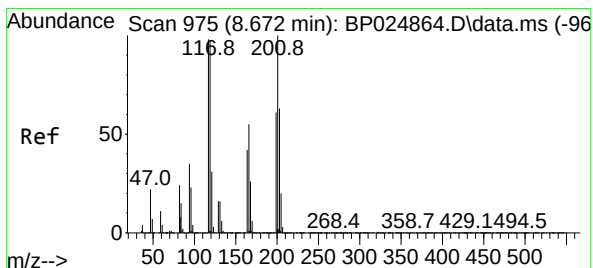
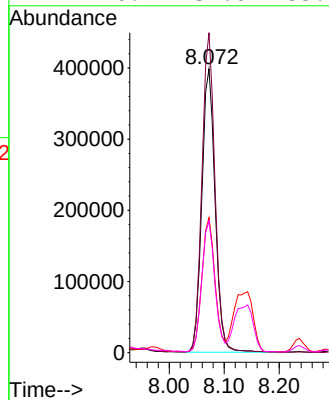
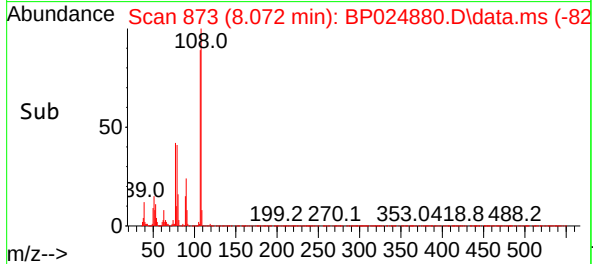
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:107 Resp: 666028
Ion Ratio Lower Upper
107 100
108 112.8 88.6 132.8
77 47.6 38.5 57.7
79 46.4 37.0 55.6

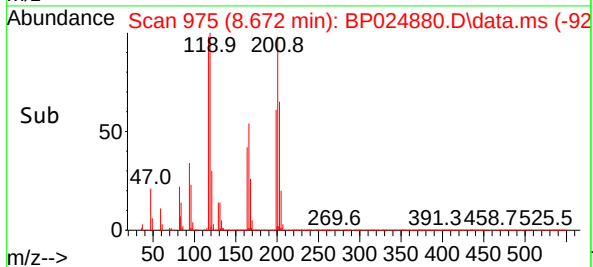
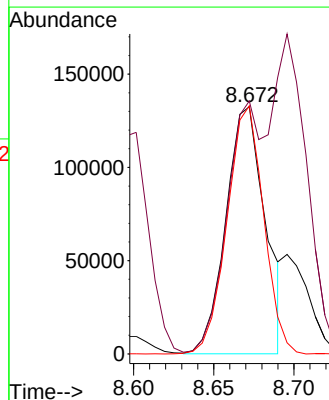
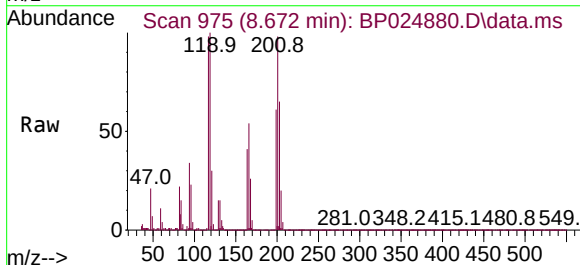
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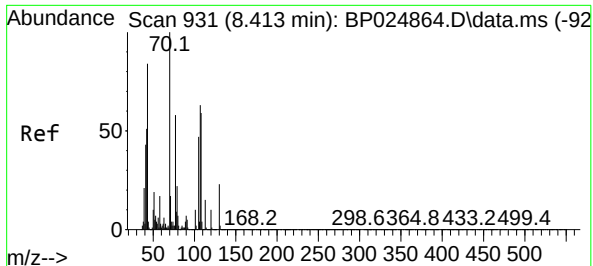
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#18
Hexachloroethane
Concen: 23.422 ng m
RT: 8.672 min Scan# 975
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

Tgt Ion:117 Resp: 226470
Ion Ratio Lower Upper
117 100
119 102.4 79.4 119.2
201 100.4 81.4 122.2





#19

n-Nitroso-di-n-propylamine

Concen: 45.196 ng

RT: 8.413 min Scan# 931

Delta R.T. -0.000 min

Lab File: BP024880.D

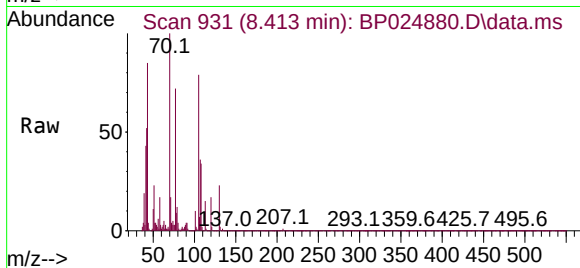
Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD



Tgt Ion: 70 Resp: 81820

Ion Ratio Lower Upper

70 100

42 51.6 41.2 61.8

101 10.5 8.3 12.5

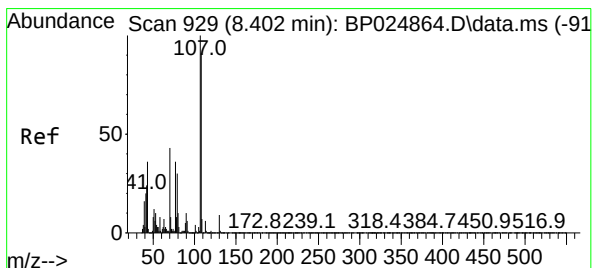
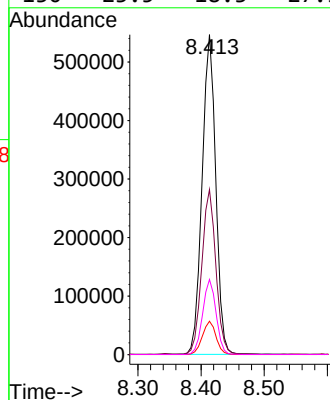
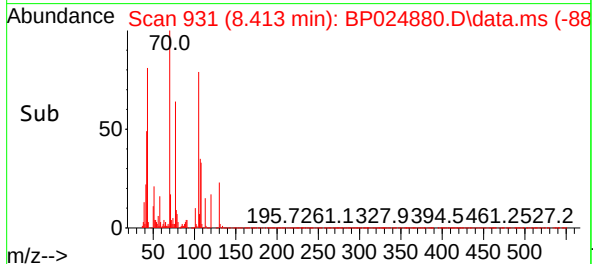
130 23.5 18.3 27.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#20

3+4-Methylphenols

Concen: 36.206 ng

RT: 8.396 min Scan# 928

Delta R.T. -0.006 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Tgt Ion:107 Resp: 946970

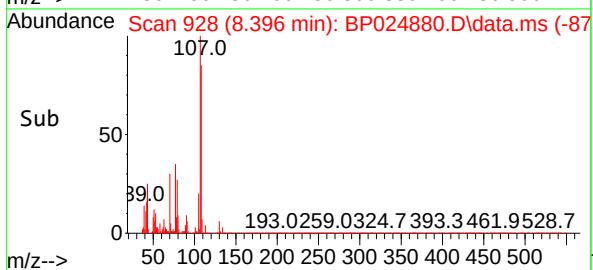
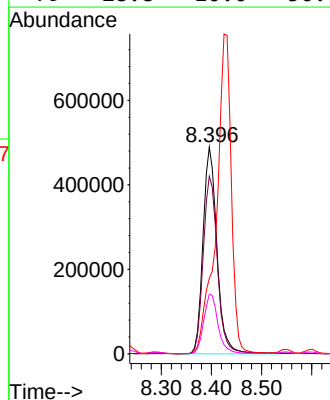
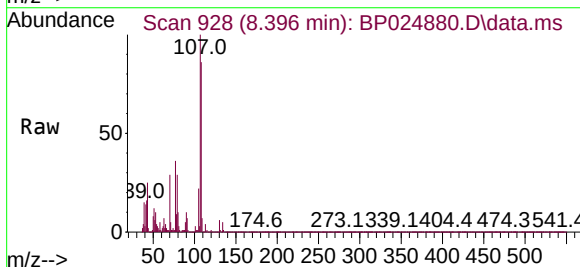
Ion Ratio Lower Upper

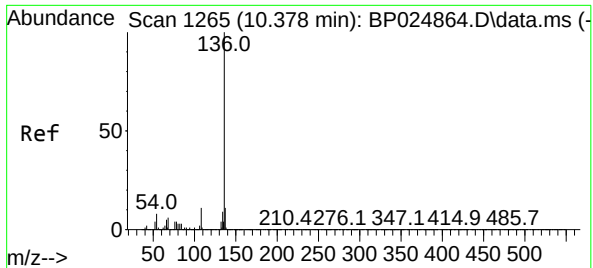
107 100

108 85.9 70.7 110.7

77 36.4 16.6 56.6

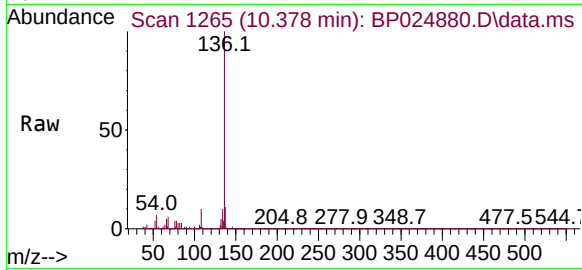
79 28.8 10.0 50.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

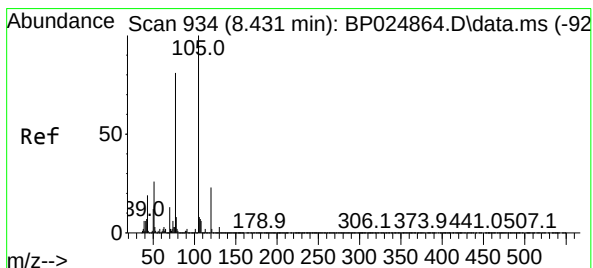
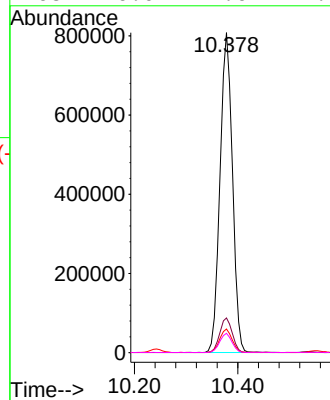
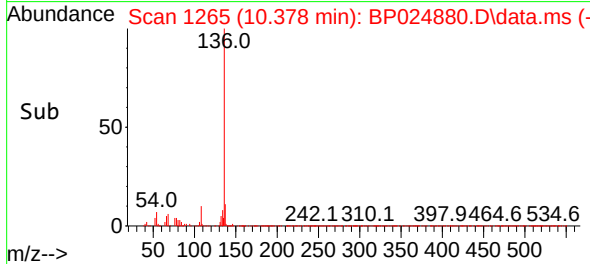
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:136 Resp: 1346862
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.4 6.1 9.1
68 6.0 4.6 7.0

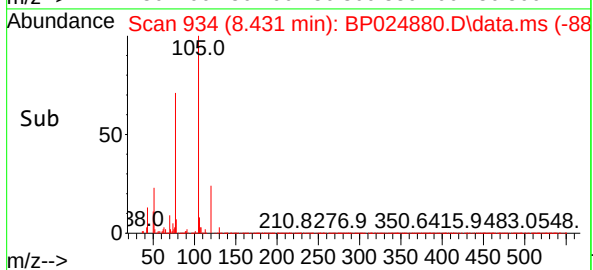
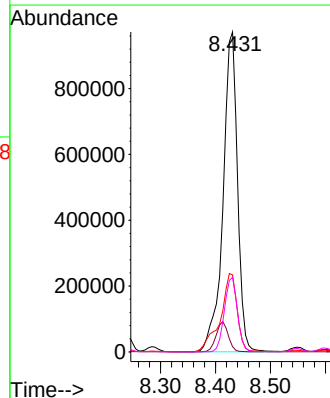
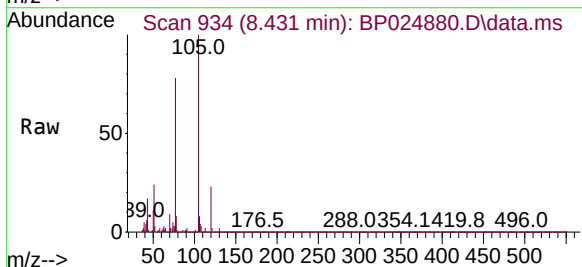
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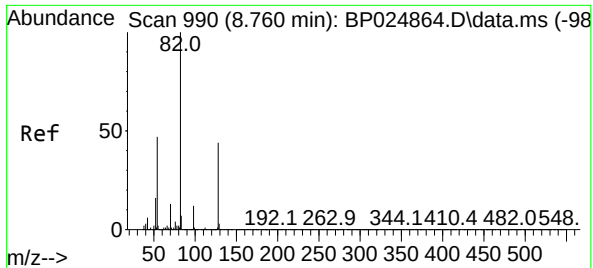
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#22
Acetophenone
Concen: 52.192 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

Tgt Ion:105 Resp: 1776046
Ion Ratio Lower Upper
105 100
71 1.6 1.6 2.4
51 24.1 20.6 31.0
120 23.4 18.2 27.4





#23

Nitrobenzene-d5

Concen: 87.976 ng

RT: 8.760 min Scan# 990

Delta R.T. -0.000 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion: 82 Resp: 2438439

Ion Ratio Lower Upper

82 100

128 44.8 35.3 52.9

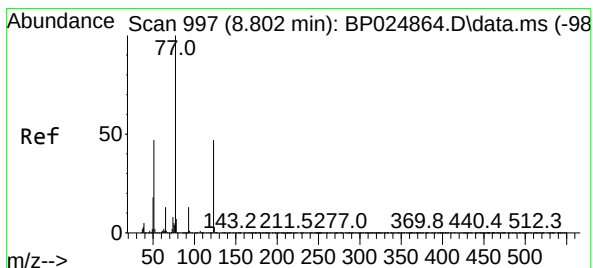
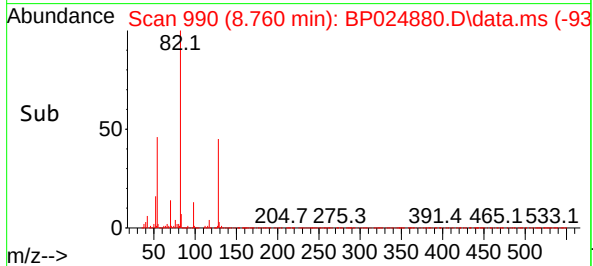
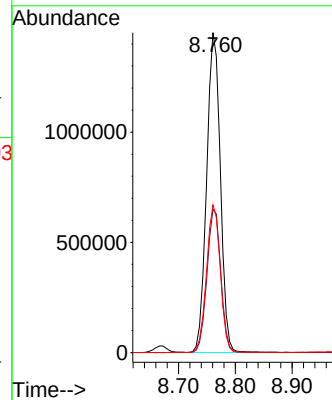
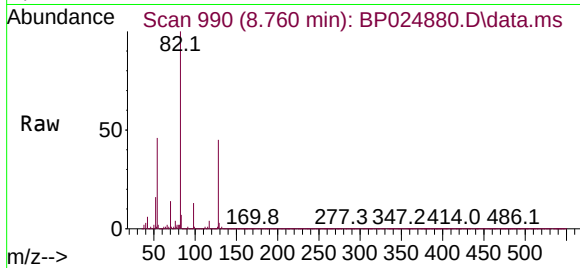
54 46.1 37.4 56.0

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#24

Nitrobenzene

Concen: 51.524 ng

RT: 8.802 min Scan# 997

Delta R.T. -0.000 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

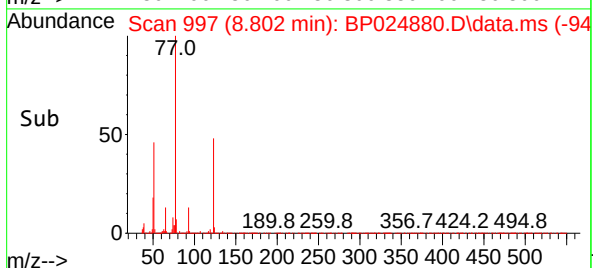
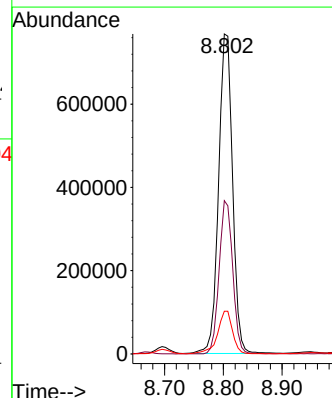
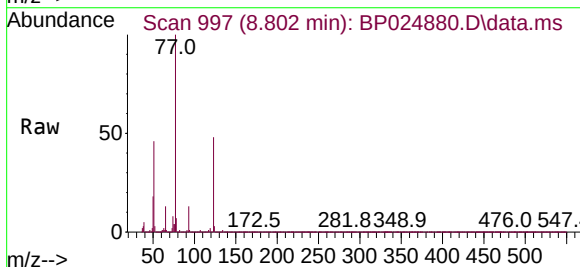
Tgt Ion: 77 Resp: 1268698

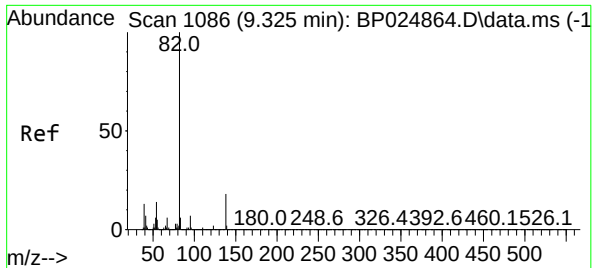
Ion Ratio Lower Upper

77 100

123 47.9 37.3 55.9

65 13.3 10.8 16.2





#25

Isophorone

Concen: 48.041 ng

RT: 9.325 min Scan# 1086

Delta R.T. -0.000 min

Lab File: BP024880.D

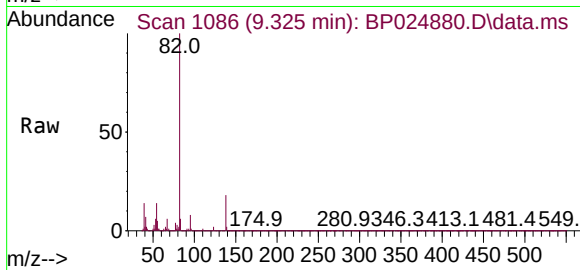
Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD



Tgt Ion: 82 Resp: 2307754

Ion Ratio Lower Upper

82 100

95 7.6 5.9 8.9

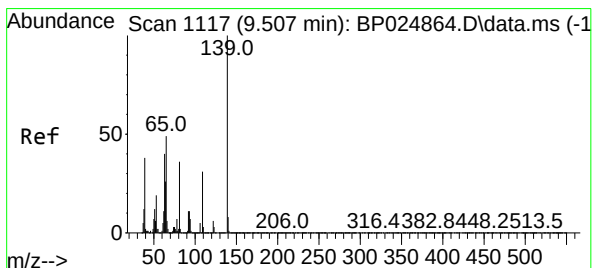
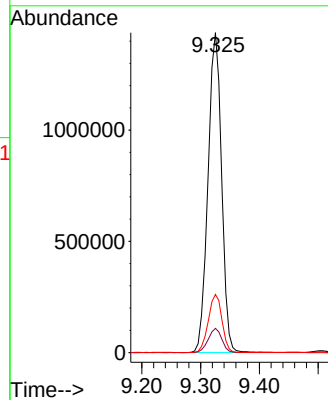
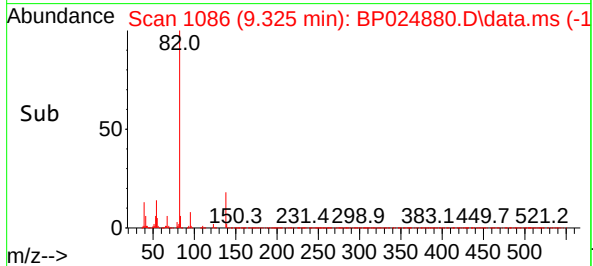
138 18.2 14.6 21.8

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#26

2-Nitrophenol

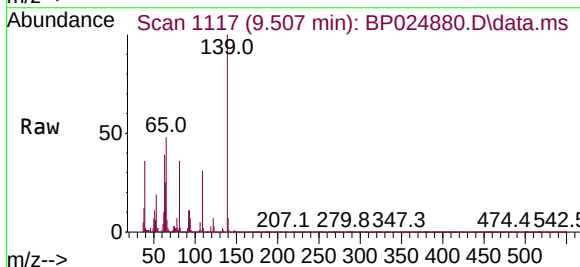
Concen: 49.741 ng

RT: 9.507 min Scan# 1117

Delta R.T. -0.000 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55



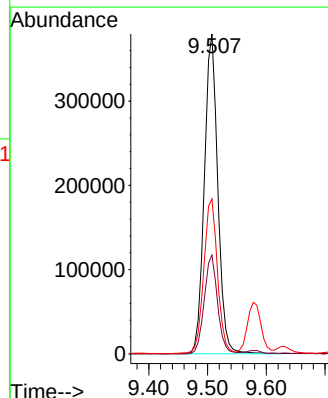
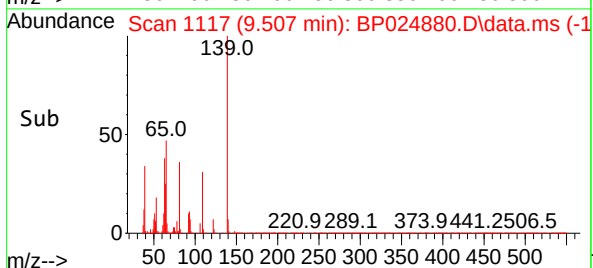
Tgt Ion:139 Resp: 604321

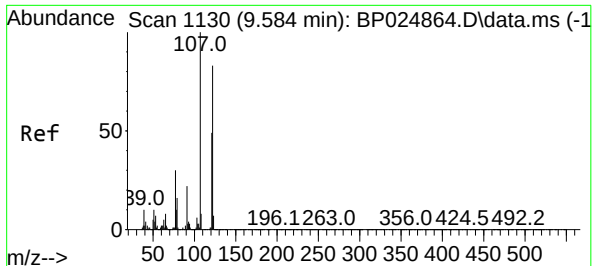
Ion Ratio Lower Upper

139 100

109 30.9 24.6 37.0

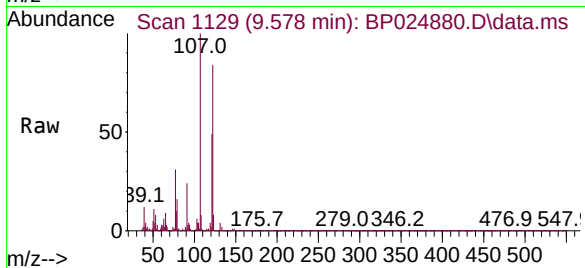
65 48.4 39.5 59.3





#27
2,4-Dimethylphenol
Concen: 44.039 ng
RT: 9.578 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

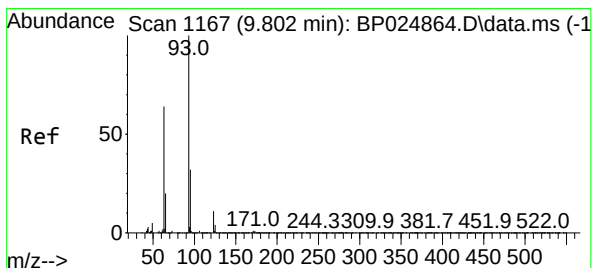
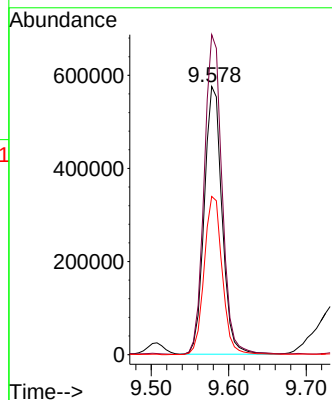
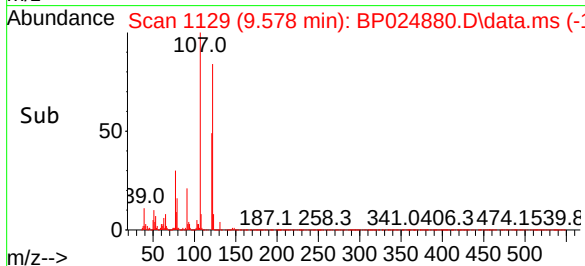
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



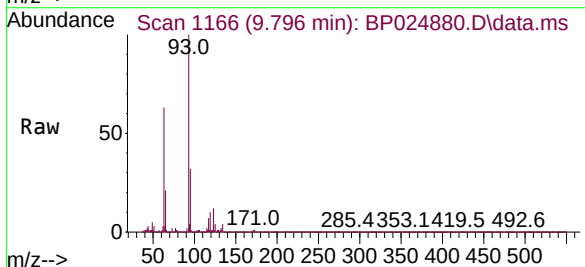
Tgt Ion: 122 Resp: 91569
Ion Ratio Lower Upper
122 100
107 119.3 96.2 144.4
121 59.0 47.0 70.4

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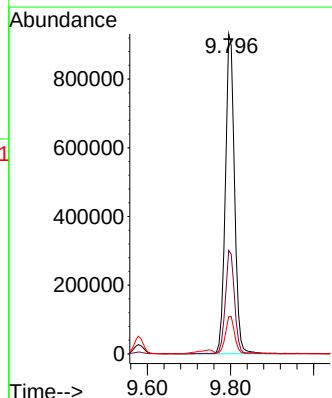
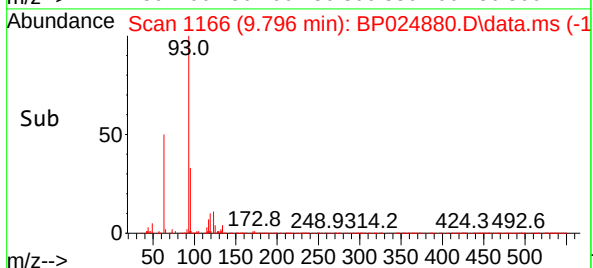
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

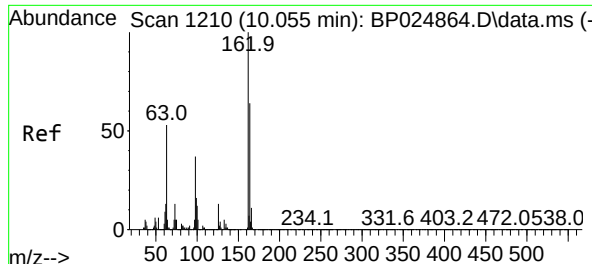


#28
bis(2-Chloroethoxy)methane
Concen: 49.533 ng
RT: 9.796 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55



Tgt Ion: 93 Resp: 1419352
Ion Ratio Lower Upper
93 100
95 32.3 25.5 38.3
123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 48.733 ng

RT: 10.049 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion:162 Resp: 972262

Ion Ratio Lower Upper

162 100

164 62.9 44.0 84.0

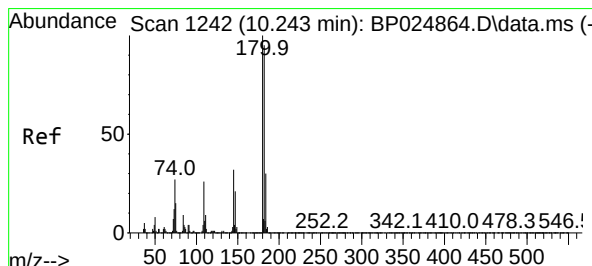
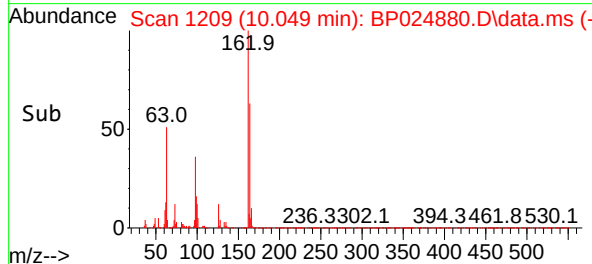
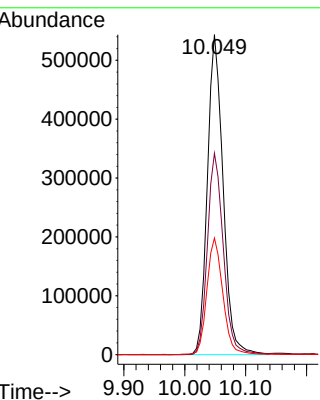
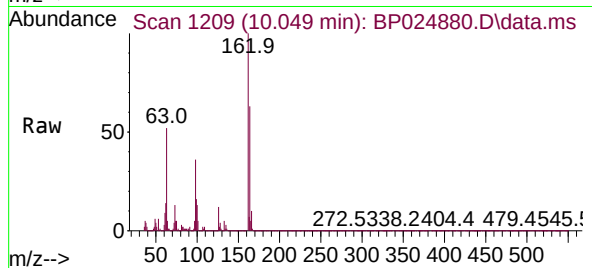
98 36.4 16.9 56.9

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#30

1,2,4-Trichlorobenzene

Concen: 32.679 ng

RT: 10.243 min Scan# 1242

Delta R.T. -0.000 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

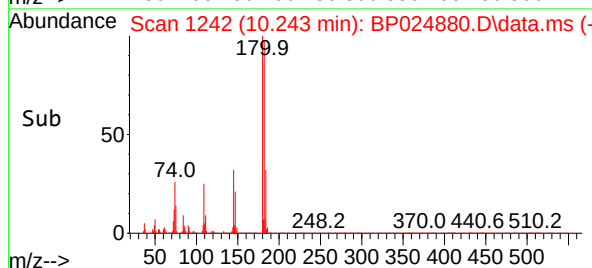
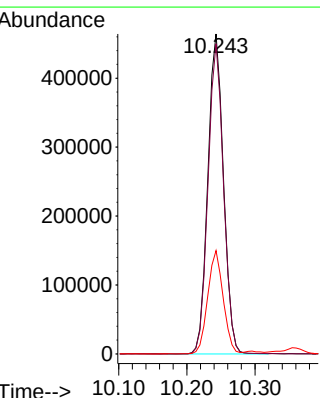
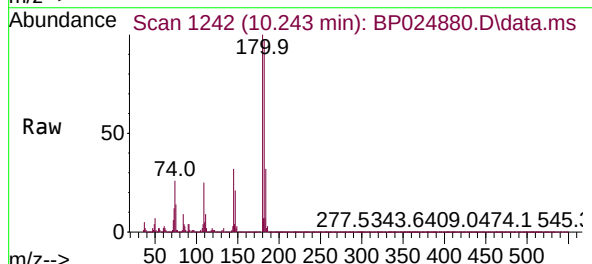
Tgt Ion:180 Resp: 735365

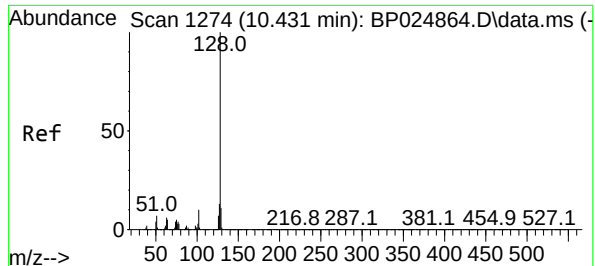
Ion Ratio Lower Upper

180 100

182 96.9 75.8 113.6

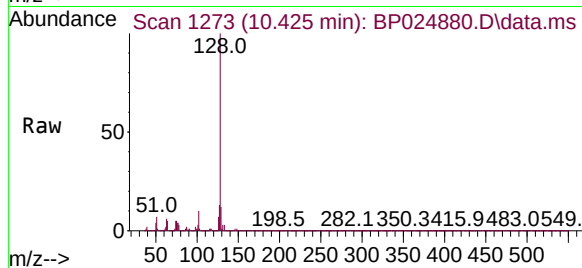
145 32.3 25.7 38.5





#31
Naphthalene
Concen: 39.604 ng
RT: 10.425 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

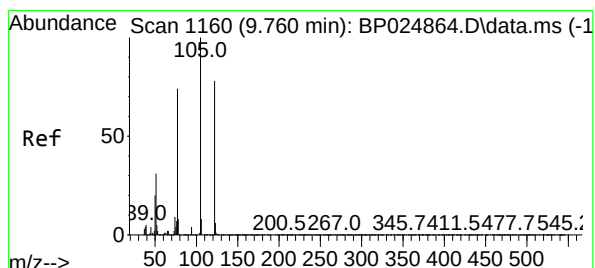
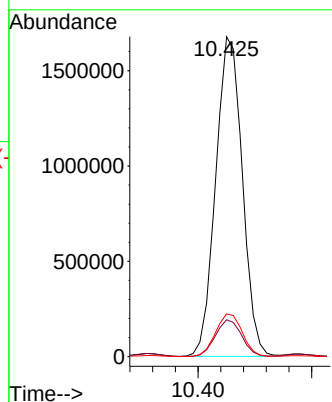
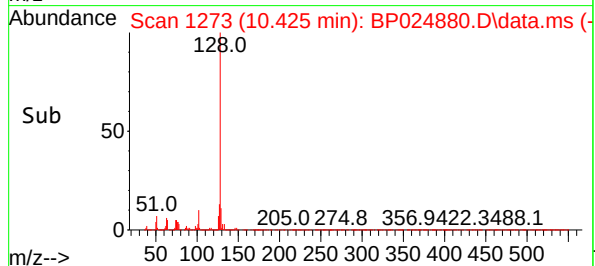
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:128 Resp: 2733509
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.4 10.7 16.1

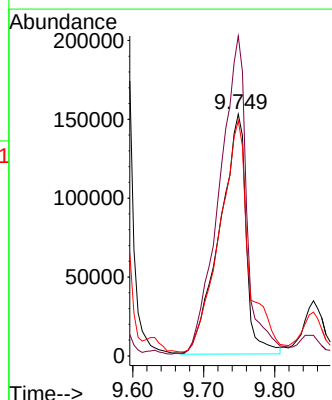
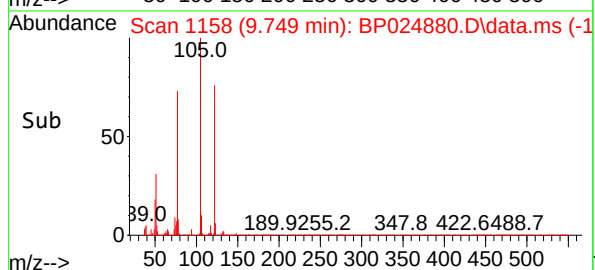
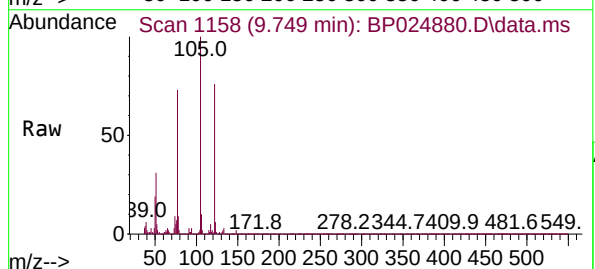
Manual Integrations
APPROVED

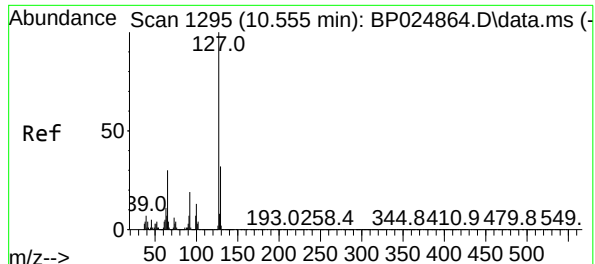
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#32
Benzoic acid
Concen: 28.143 ng
RT: 9.749 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

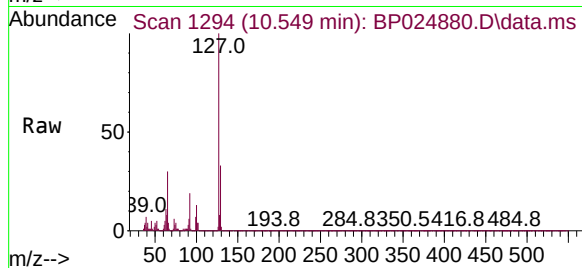
Tgt Ion:122 Resp: 395443
Ion Ratio Lower Upper
122 100
105 132.4 107.1 147.1
77 97.3 75.1 115.1





#33
4-Chloroaniline
Concen: 27.184 ng
RT: 10.549 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

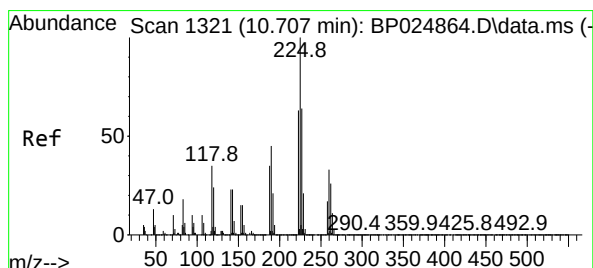
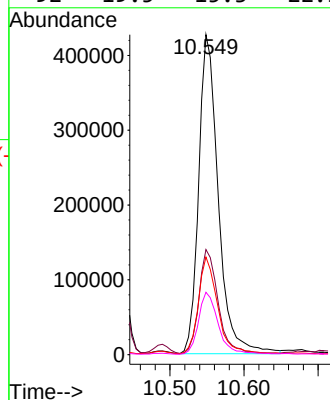
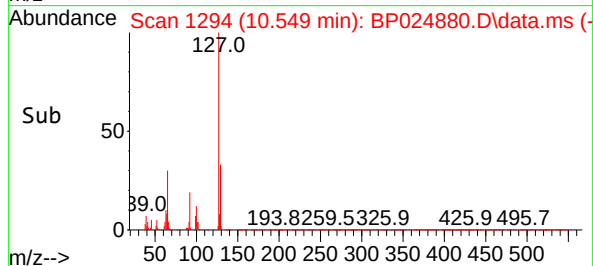
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:127 Resp: 786095
Ion Ratio Lower Upper
127 100
129 32.8 25.9 38.9
65 30.5 23.9 35.9
92 19.5 15.3 22.9

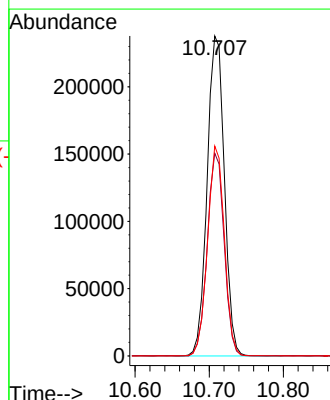
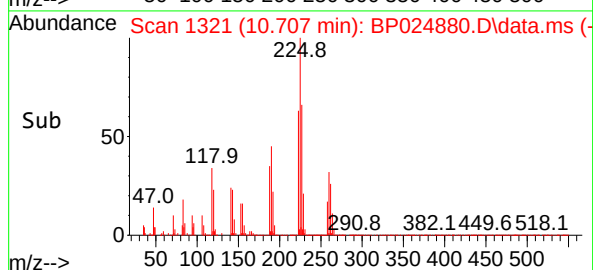
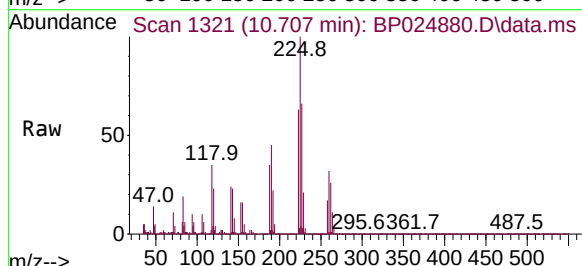
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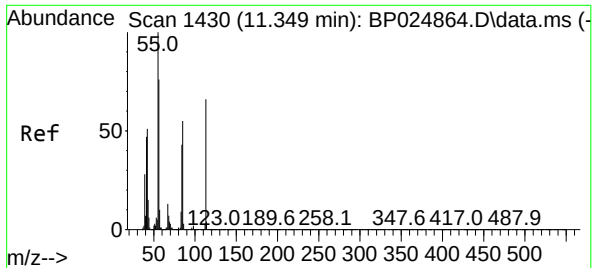
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#34
Hexachlorobutadiene
Concen: 28.269 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

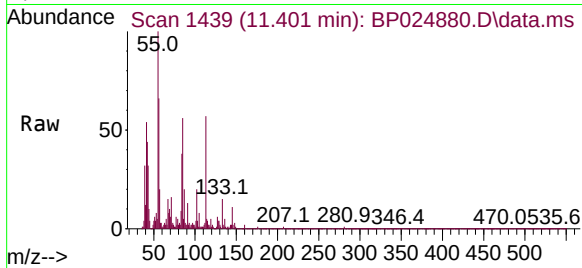
Tgt Ion:225 Resp: 383395
Ion Ratio Lower Upper
225 100
223 63.3 50.5 75.7
227 65.6 51.4 77.2





#35
Caprolactam
Concen: 10.125 ng
RT: 11.401 min Scan# 1430
Delta R.T. 0.053 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

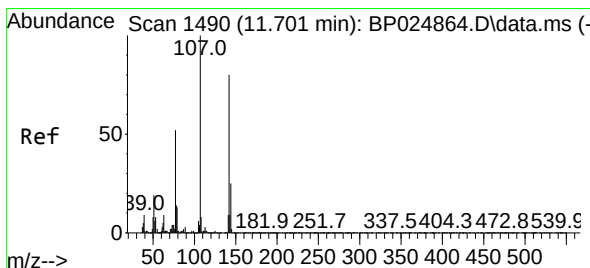
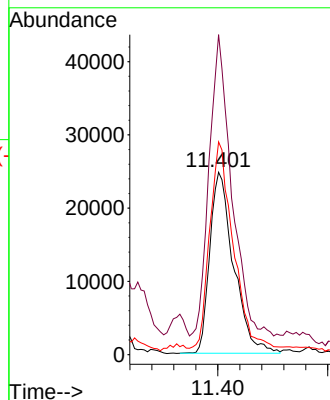
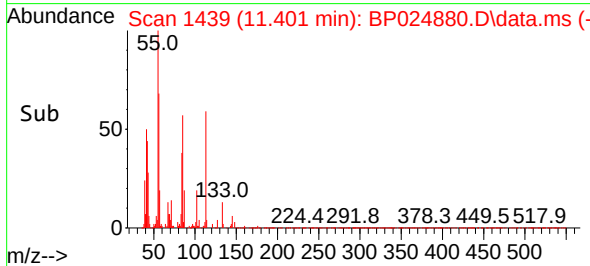
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



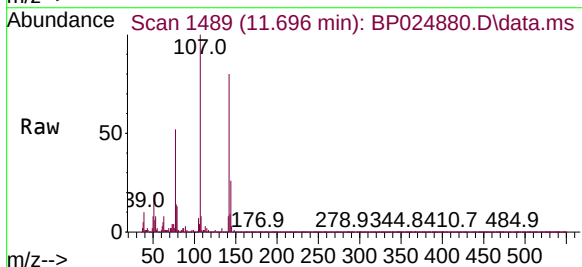
Tgt Ion:113 Resp: 74360
Ion Ratio Lower Upper
113 100
55 175.6 132.5 172.5
56 116.7 96.0 136.0

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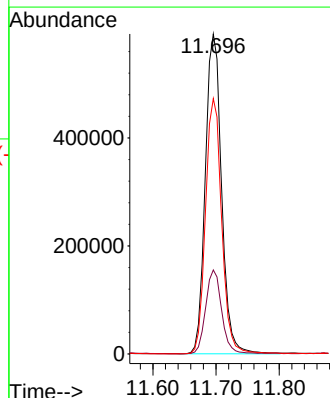
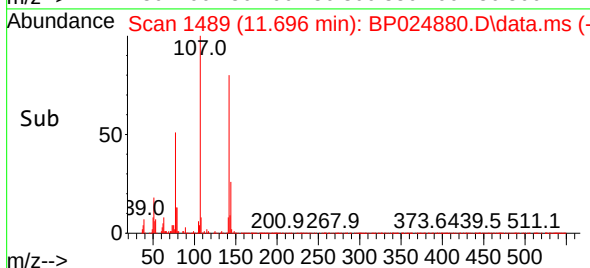
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

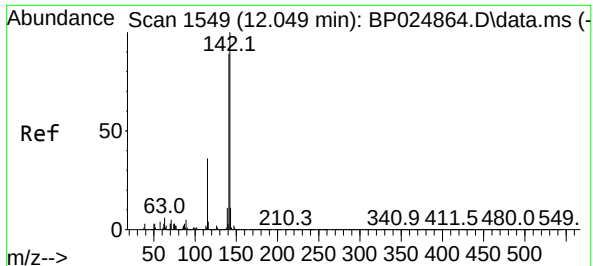


#36
4-Chloro-3-methylphenol
Concen: 45.963 ng
RT: 11.696 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55



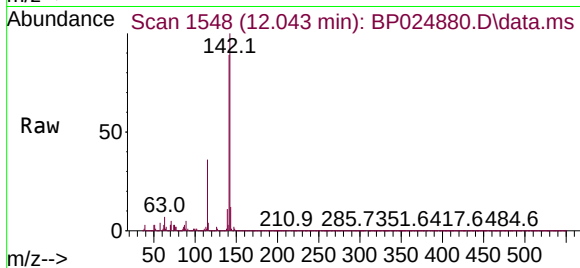
Tgt Ion:107 Resp: 1057705
Ion Ratio Lower Upper
107 100
144 26.2 20.4 30.6
142 79.8 63.8 95.6





#37
2-Methylnaphthalene
Concen: 45.686 ng
RT: 12.043 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

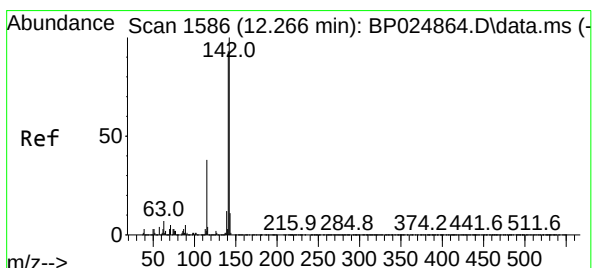
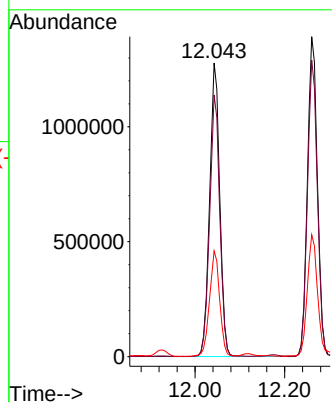
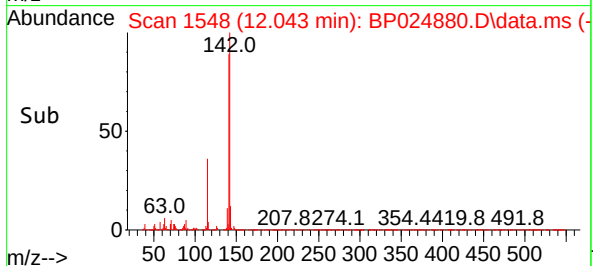
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:142 Resp: 2000223
Ion Ratio Lower Upper
142 100
141 89.1 71.2 106.8
115 36.0 28.5 42.7

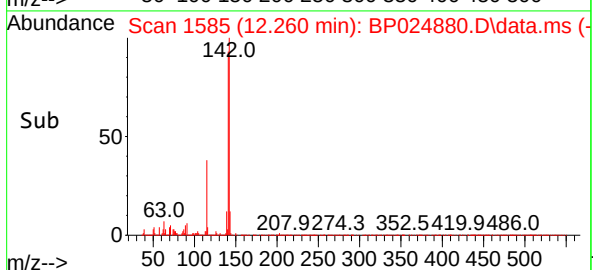
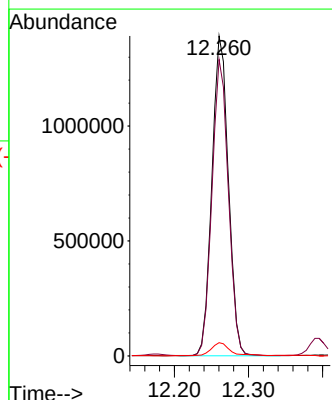
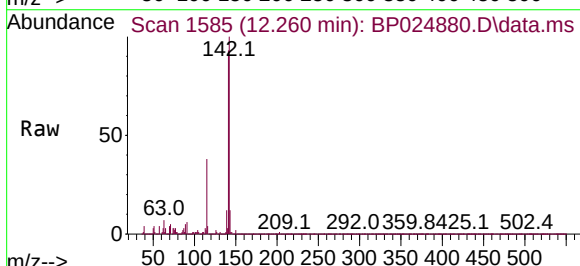
Manual Integrations
APPROVED

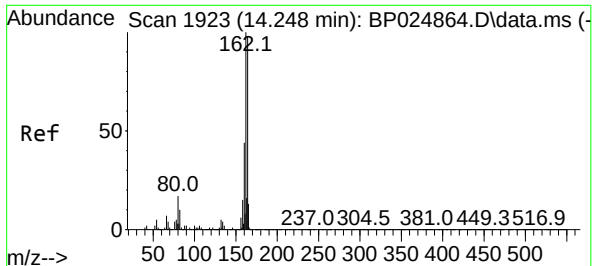
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#38
1-Methylnaphthalene
Concen: 45.868 ng
RT: 12.260 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

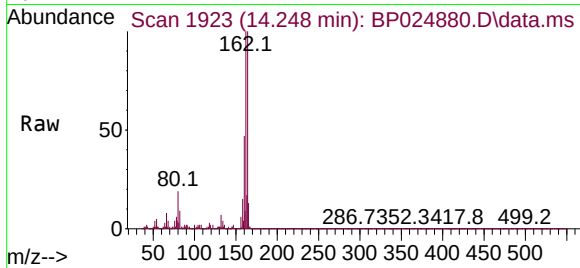
Tgt Ion:142 Resp: 2147003
Ion Ratio Lower Upper
142 100
141 92.6 74.7 112.1
116 4.1 3.4 5.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

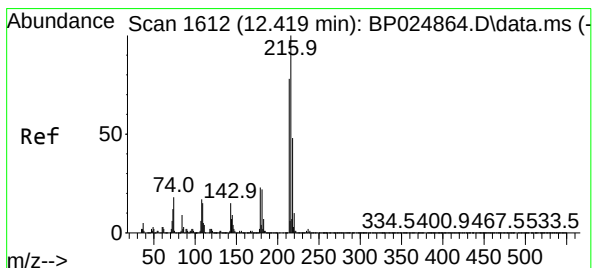
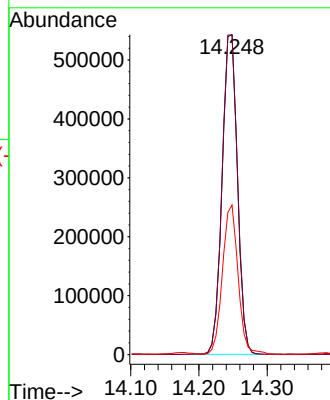
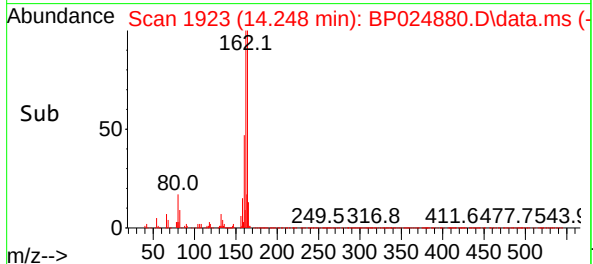
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:164 Resp: 841053
Ion Ratio Lower Upper
164 100
162 99.9 81.6 122.4
160 46.7 36.2 54.2

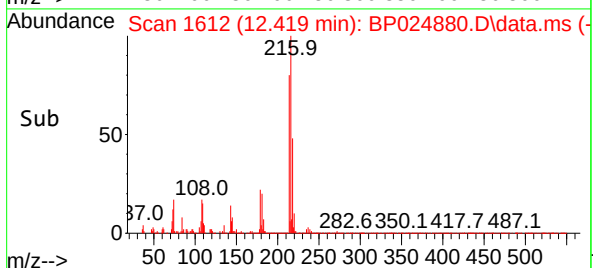
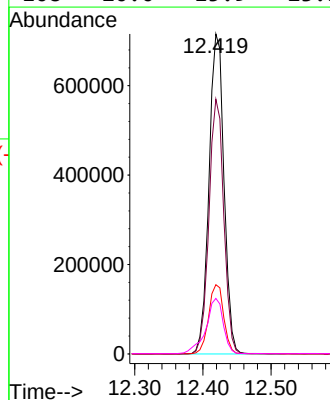
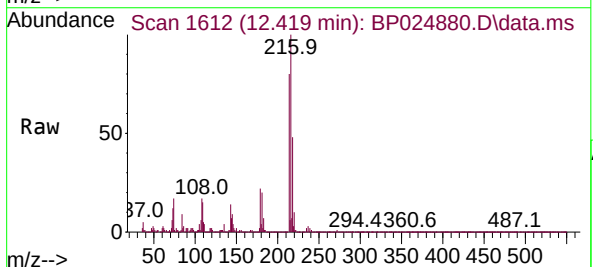
Manual Integrations
APPROVED

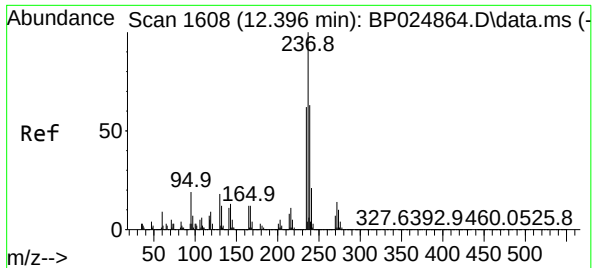
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.831 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

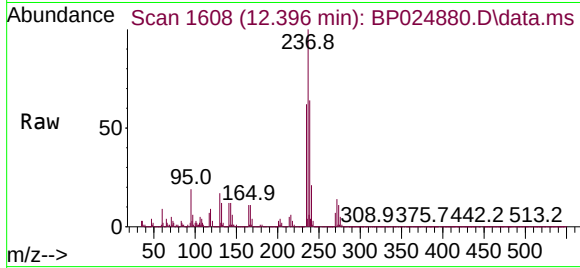
Tgt Ion:216 Resp: 1093780
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.4
179 21.9 17.8 26.6
108 20.0 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 66.457 ng
RT: 12.396 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

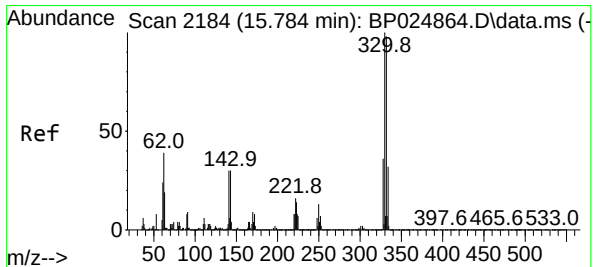
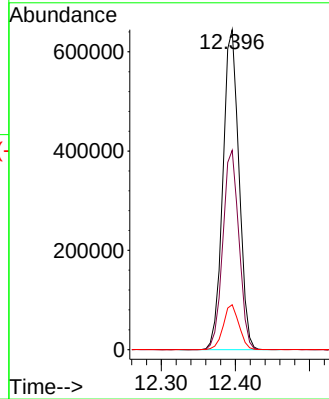
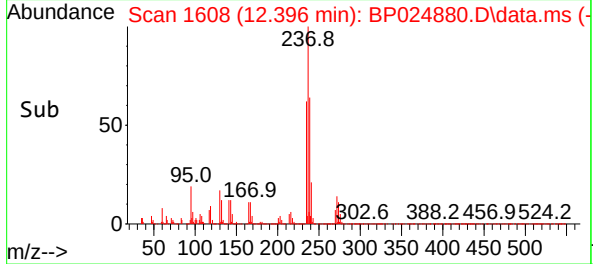
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



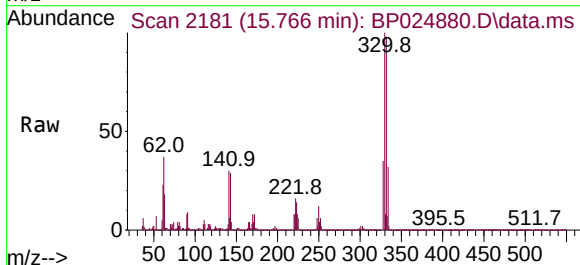
Tgt Ion: 237 Resp: 967365
Ion Ratio Lower Upper
237 100
235 62.3 41.9 81.9
272 14.0 0.0 33.7

Manual Integrations
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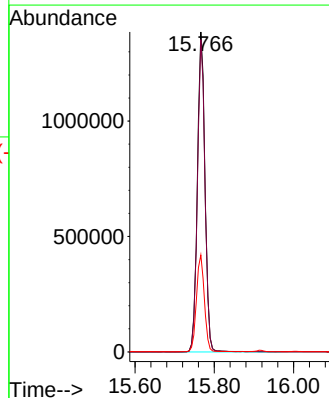
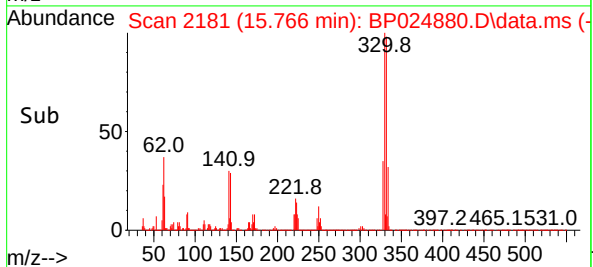
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

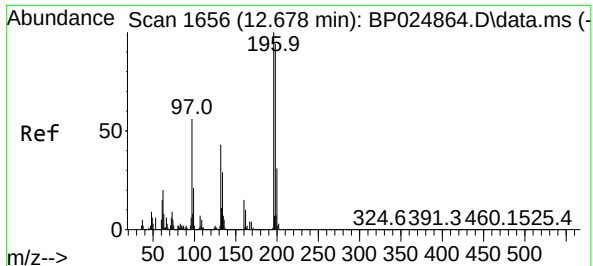


#42
2,4,6-Tribromophenol
Concen: 158.655 ng
RT: 15.766 min Scan# 2181
Delta R.T. -0.018 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55



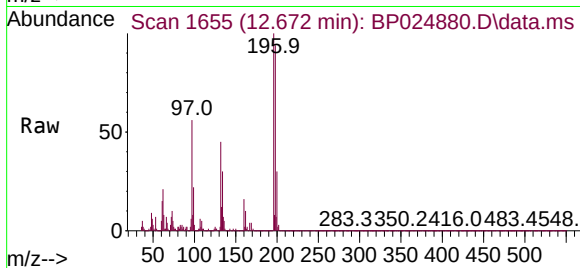
Tgt Ion: 330 Resp: 1844847
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 31.4 26.4 39.6





#43
2,4,6-Trichlorophenol
Concen: 53.157 ng
RT: 12.672 min Scan# 1655
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

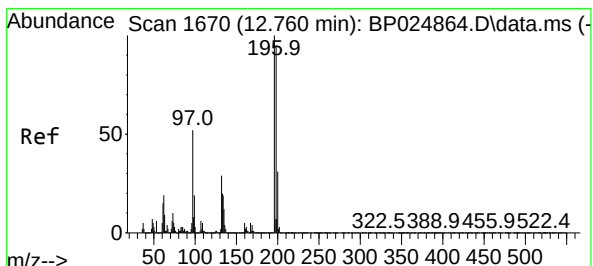
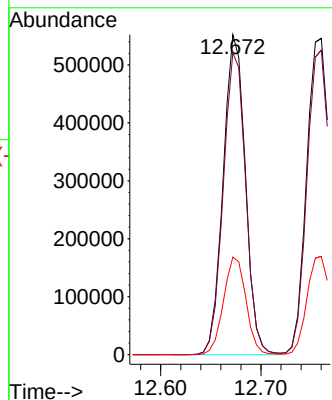
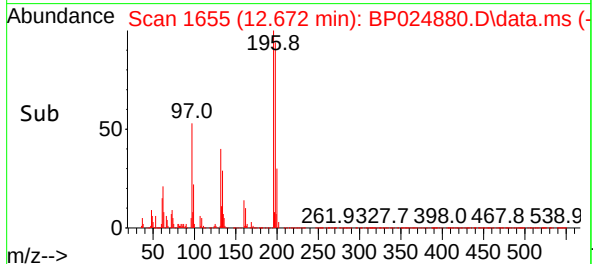
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:196 Resp: 851953
Ion Ratio Lower Upper
196 100
198 94.3 75.4 113.0
200 30.5 24.4 36.6

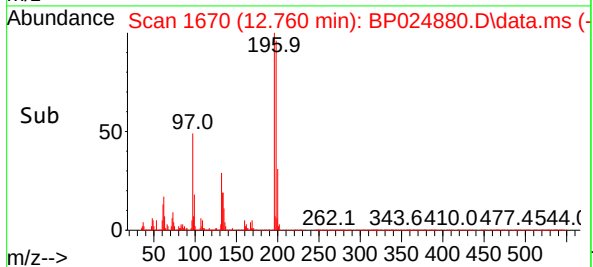
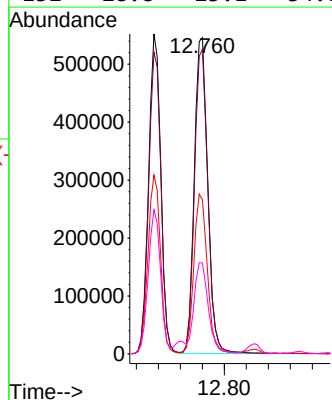
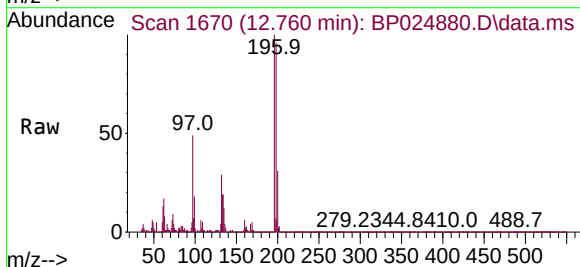
Manual Integrations
APPROVED

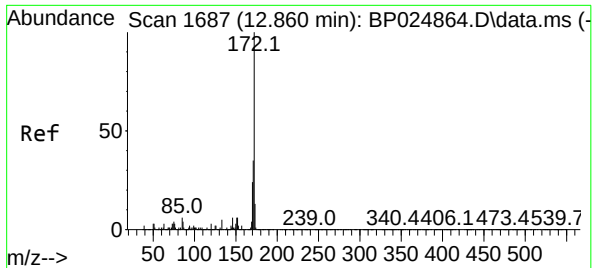
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#44
2,4,5-Trichlorophenol
Concen: 54.280 ng
RT: 12.760 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

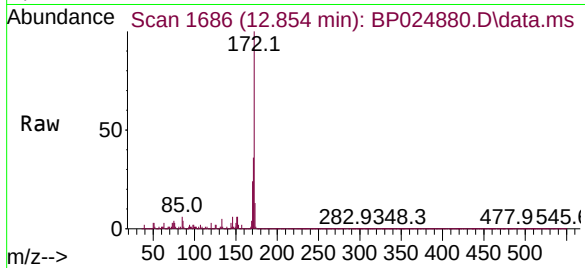
Tgt Ion:196 Resp: 931664
Ion Ratio Lower Upper
196 100
198 96.3 76.0 114.0
97 48.7 41.5 62.3
132 28.8 23.1 34.7





#45
2-Fluorobiphenyl
Concen: 85.864 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

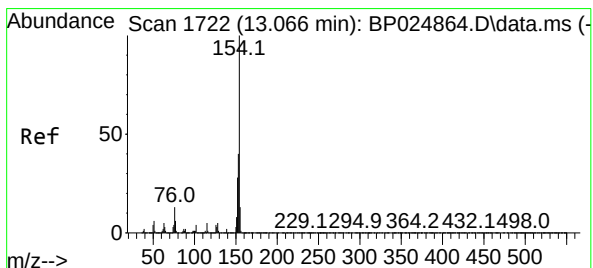
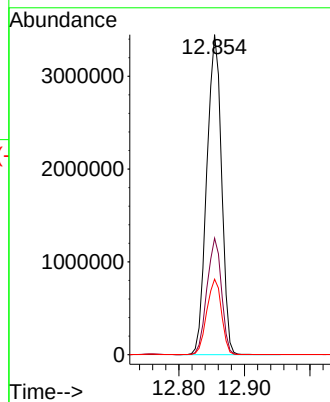
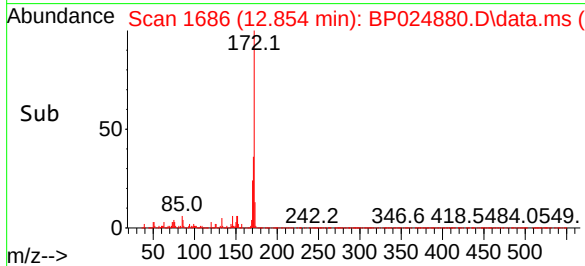
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:172 Resp: 5360805
Ion Ratio Lower Upper
172 100
171 36.4 28.3 42.5
170 23.6 19.0 28.4

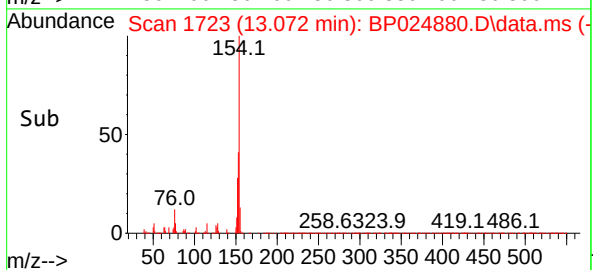
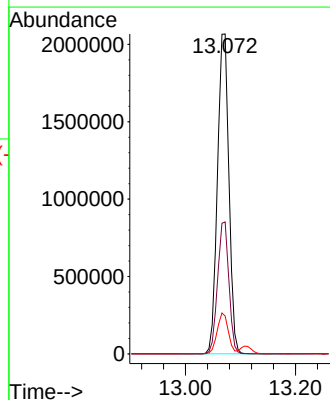
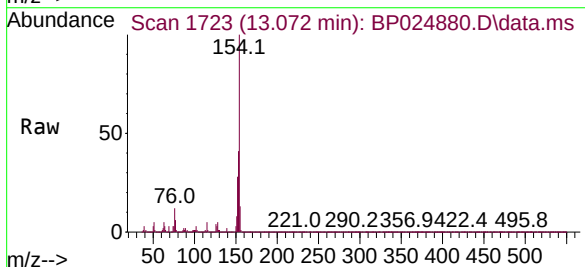
Manual Integrations
APPROVED

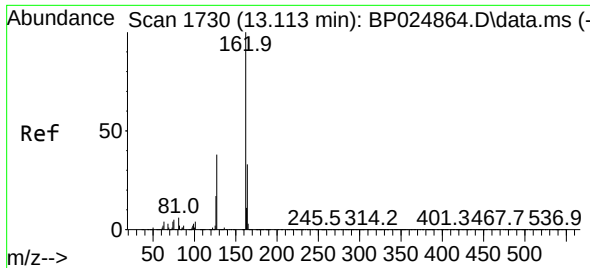
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#46
1,1'-Biphenyl
Concen: 48.840 ng
RT: 13.072 min Scan# 1723
Delta R.T. 0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

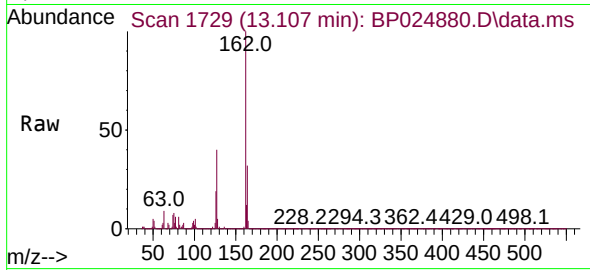
Tgt Ion:154 Resp: 2985178
Ion Ratio Lower Upper
154 100
153 41.2 20.3 60.3
76 11.8 0.0 33.0





#47
2-Chloronaphthalene
Concen: 47.423 ng
RT: 13.107 min Scan# 1729
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

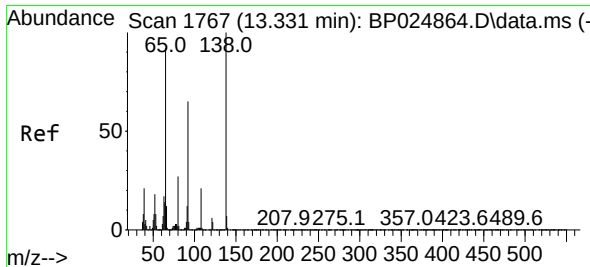
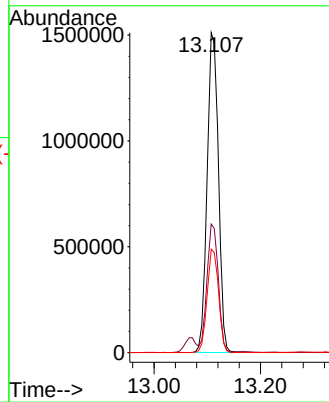
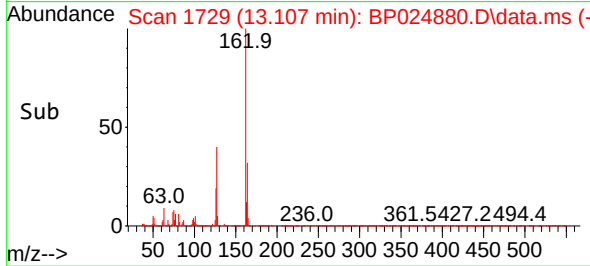
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion: 162 Resp: 222775
Ion Ratio Lower Upper
162 100
127 40.2 32.5 48.7
164 32.3 26.2 39.2

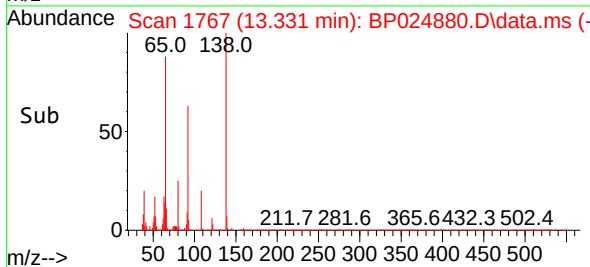
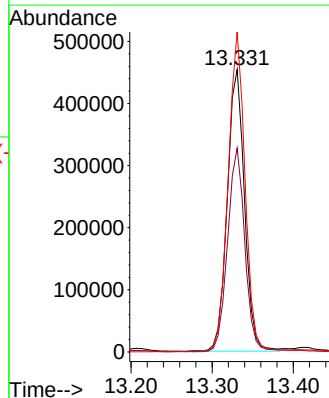
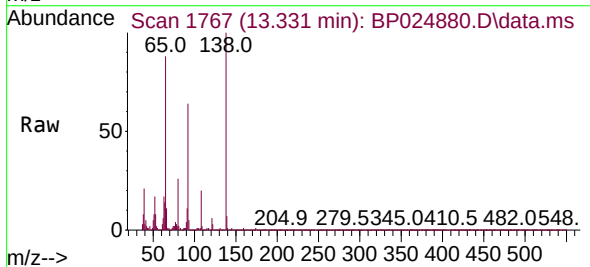
Manual Integrations
APPROVED

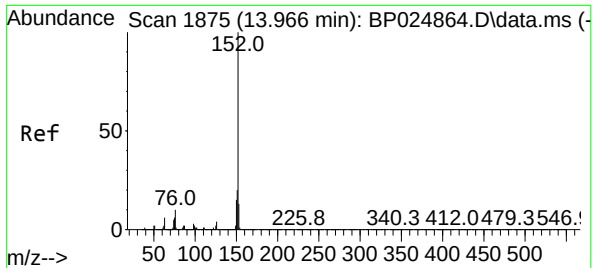
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#48
2-Nitroaniline
Concen: 46.407 ng
RT: 13.331 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

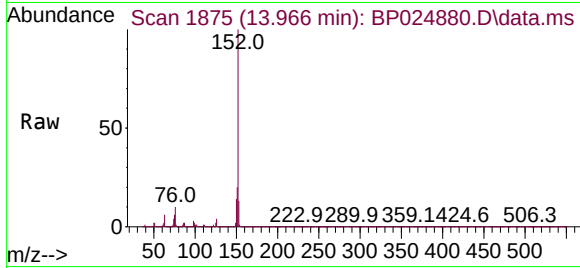
Tgt Ion: 65 Resp: 670214
Ion Ratio Lower Upper
65 100
92 72.2 56.8 85.2
138 113.4 86.9 130.3





#49
Acenaphthylene
Concen: 48.008 ng
RT: 13.966 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

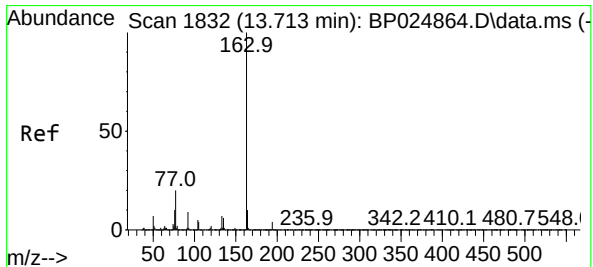
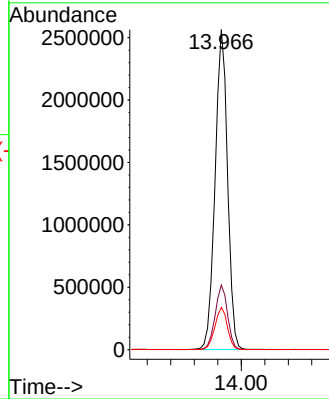
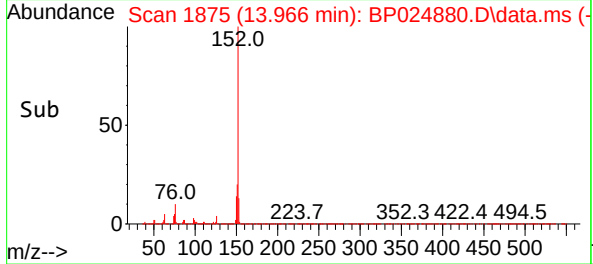
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:152 Resp: 3760375
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.2 10.6 15.8

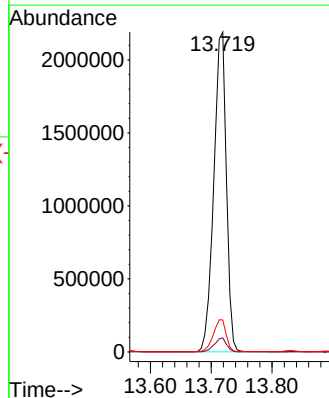
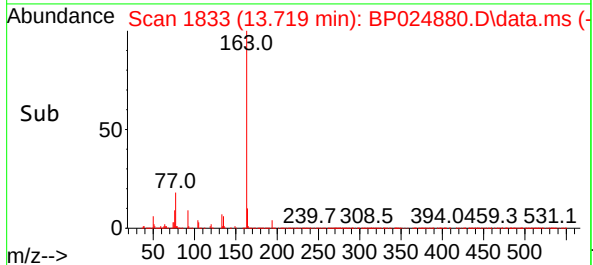
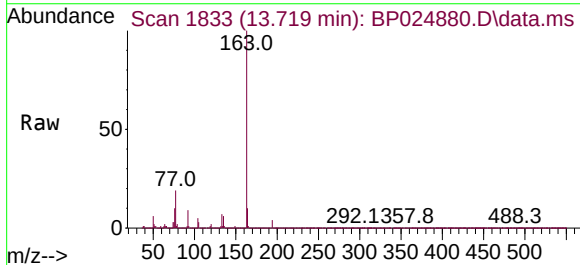
Manual Integrations
APPROVED

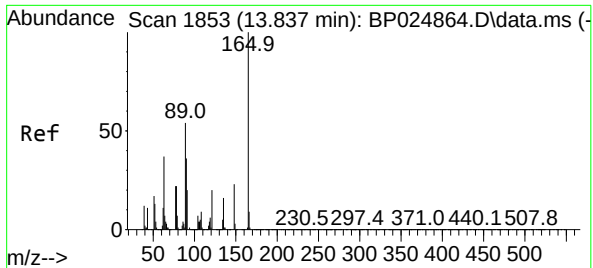
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#50
Dimethylphthalate
Concen: 50.649 ng
RT: 13.719 min Scan# 1833
Delta R.T. 0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

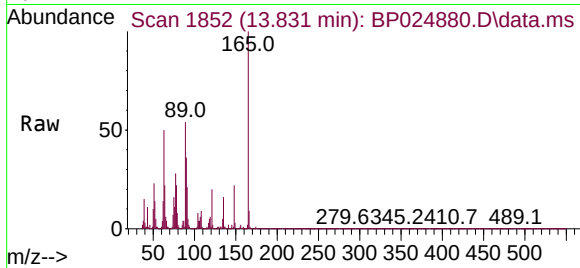
Tgt Ion:163 Resp: 3142438
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 52.372 ng
RT: 13.831 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

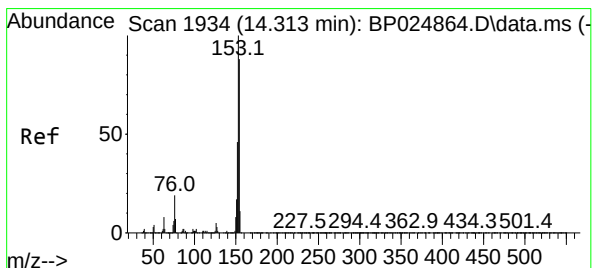
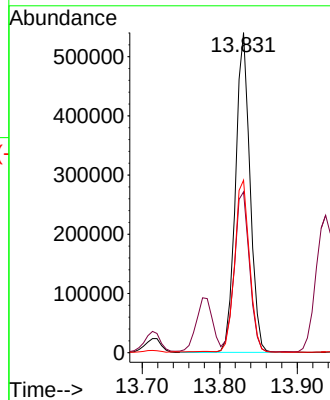
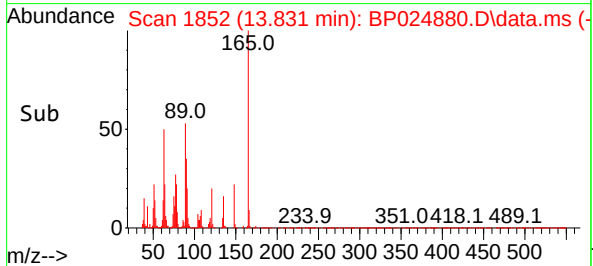
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:165 Resp: 700478
Ion Ratio Lower Upper
165 100
63 50.2 41.8 62.8
89 53.9 43.1 64.7

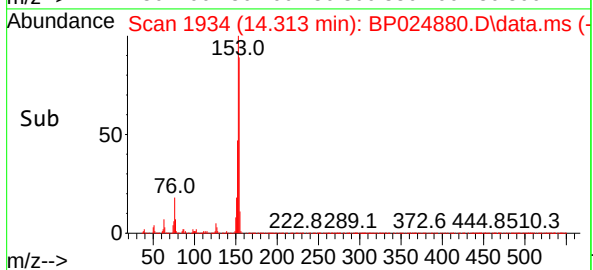
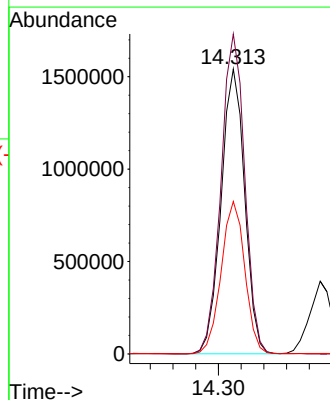
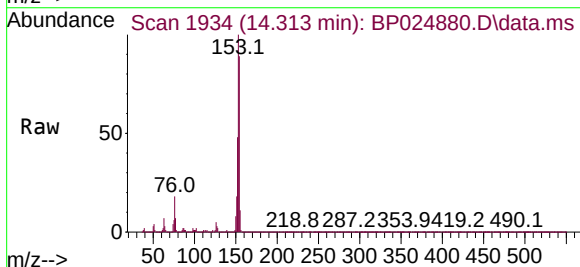
Manual Integrations
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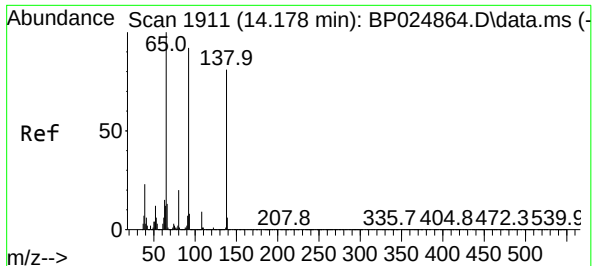
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#52
Acenaphthene
Concen: 49.549 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

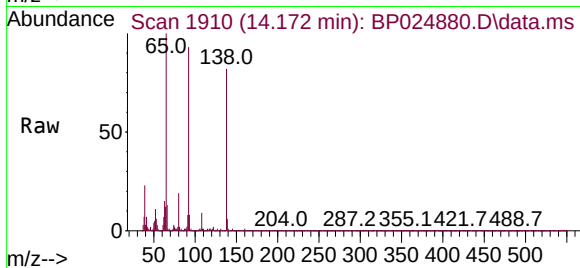
Tgt Ion:154 Resp: 2223943
Ion Ratio Lower Upper
154 100
153 112.3 90.5 135.7
152 53.5 42.1 63.1





#53
3-Nitroaniline
Concen: 30.534 ng
RT: 14.172 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

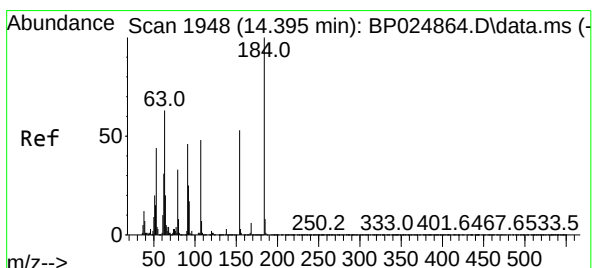
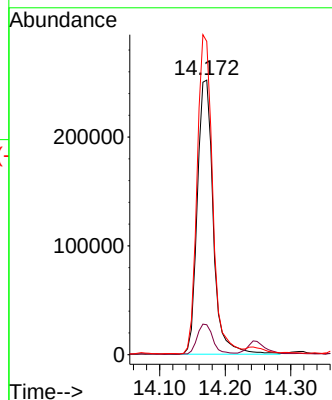
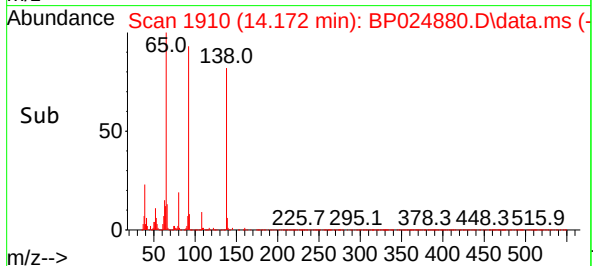
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:138 Resp: 423824
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 114.1 91.3 136.9

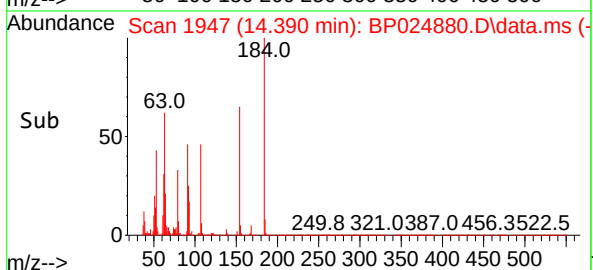
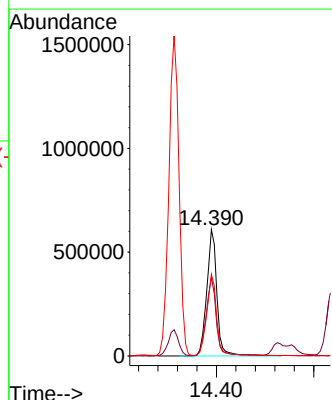
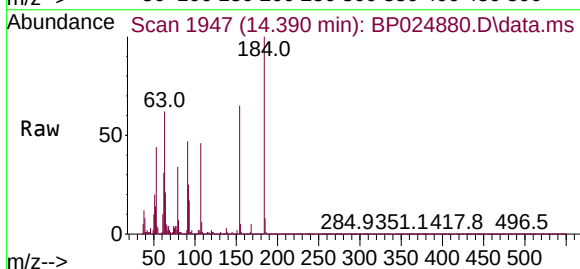
Manual Integrations
APPROVED

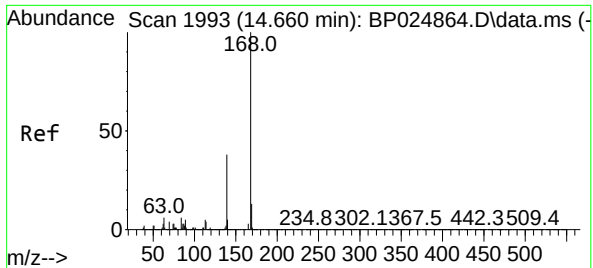
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#54
2,4-Dinitrophenol
Concen: 99.689 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

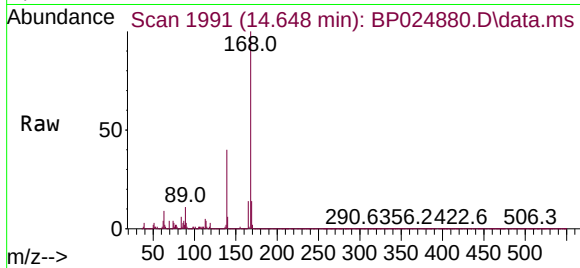
Tgt Ion:184 Resp: 881046
Ion Ratio Lower Upper
184 100
63 62.1 51.0 76.4
154 64.7 51.7 77.5





#55
Dibenzenofuran
Concen: 49.440 ng
RT: 14.648 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

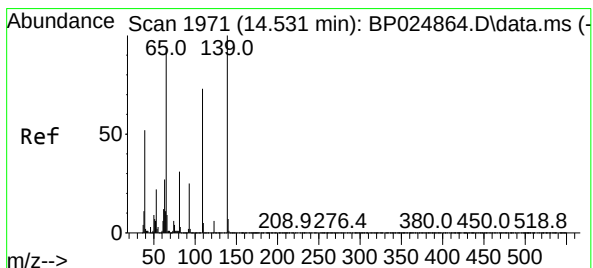
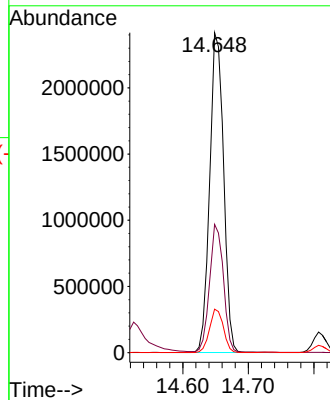
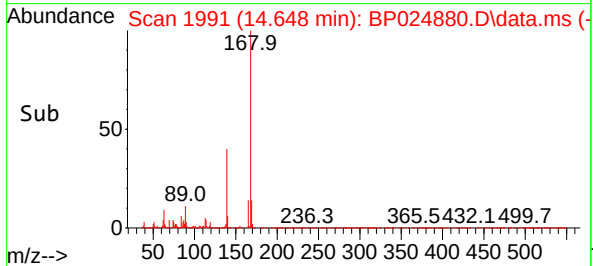
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:168 Resp: 3562013
Ion Ratio Lower Upper
168 100
139 40.1 31.6 47.4
169 13.6 10.6 15.8

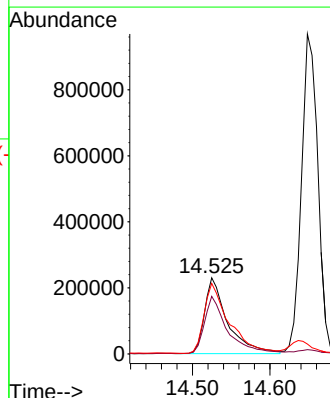
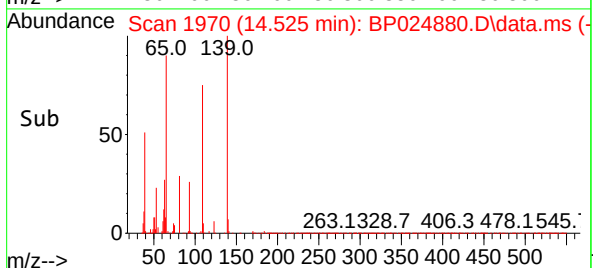
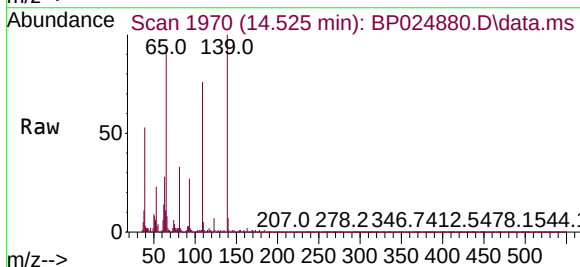
Manual Integrations
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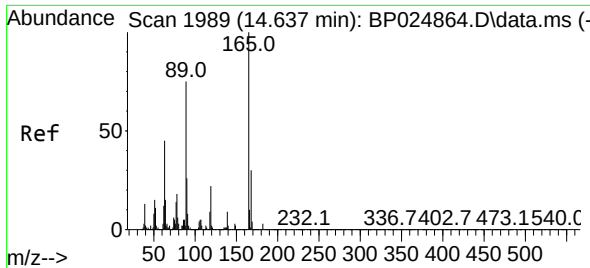
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#56
4-Nitrophenol
Concen: 42.732 ng
RT: 14.525 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

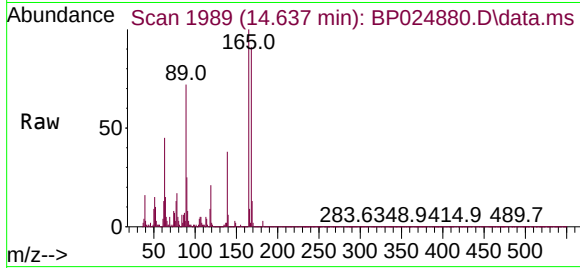
Tgt Ion:139 Resp: 470374
Ion Ratio Lower Upper
139 100
109 75.7 53.1 93.1
65 92.6 73.0 113.0





#57
2,4-Dinitrotoluene
Concen: 54.002 ng
RT: 14.637 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

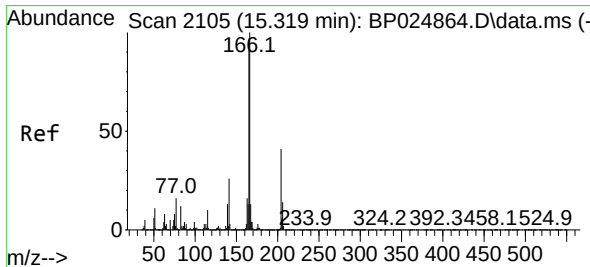
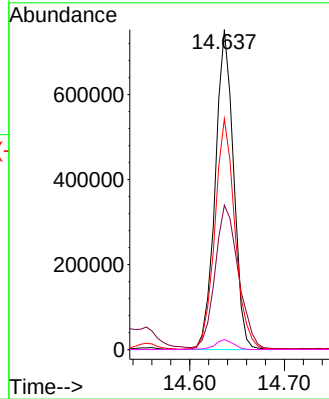
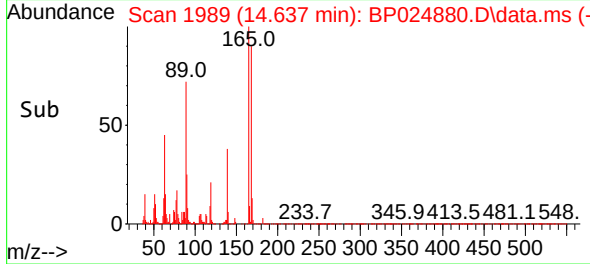
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:165 Resp: 101035
Ion Ratio Lower Upper
165 100
63 45.1 37.0 55.6
89 72.1 60.1 90.1
182 3.1 2.4 3.6

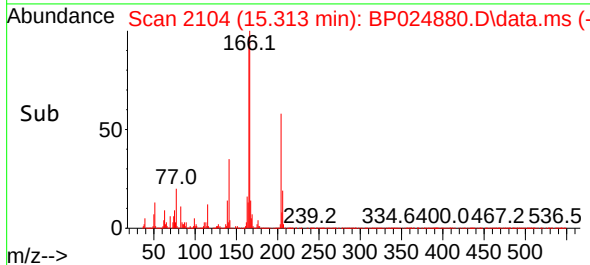
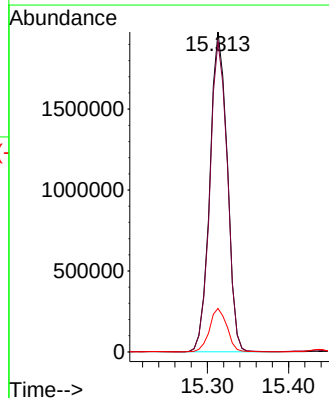
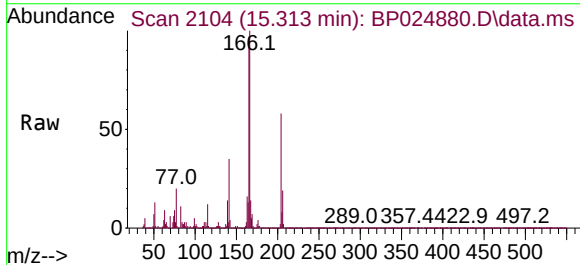
Manual Integrations
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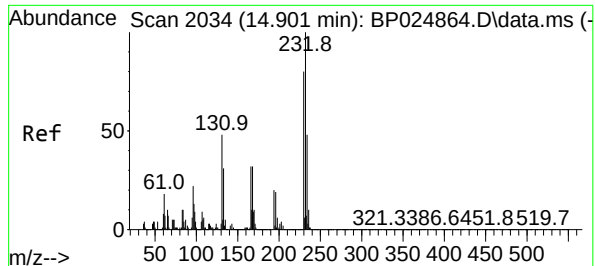
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#58
Fluorene
Concen: 50.635 ng
RT: 15.313 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

Tgt Ion:166 Resp: 2947017
Ion Ratio Lower Upper
166 100
165 96.9 77.7 116.5
167 13.6 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 53.716 ng

RT: 14.895 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion:232 Resp: 823770

Ion Ratio Lower Upper

232 100

131 46.9 38.2 57.2

130 2.6 2.1 3.1

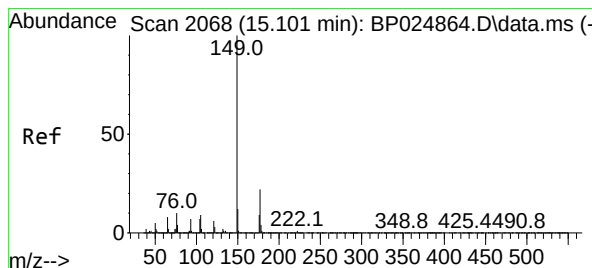
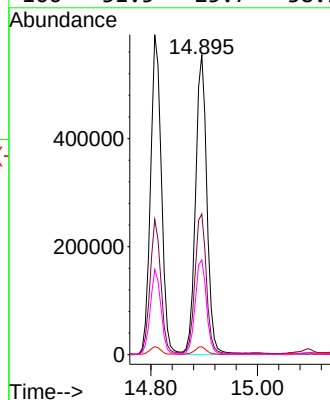
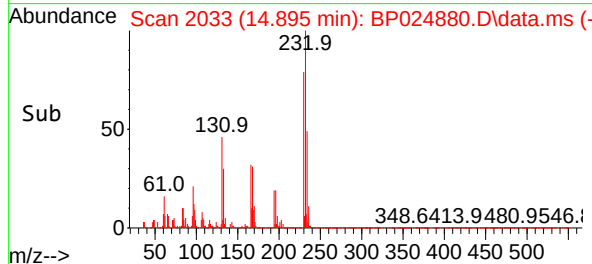
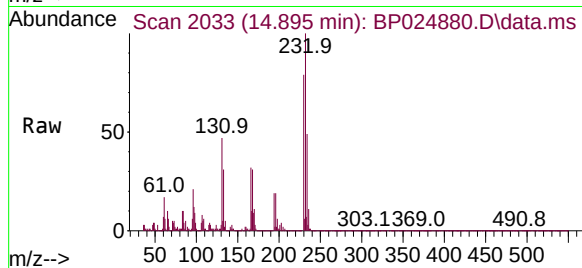
166 31.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#60

Diethylphthalate

Concen: 53.307 ng

RT: 15.095 min Scan# 2067

Delta R.T. -0.006 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

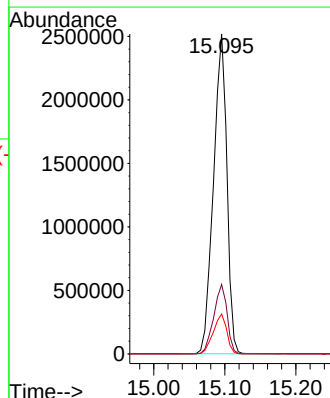
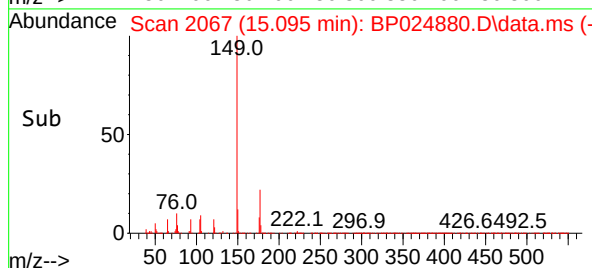
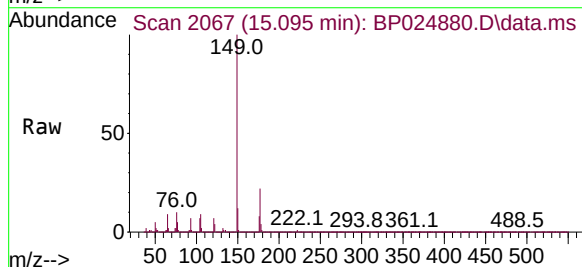
Tgt Ion:149 Resp: 3296154

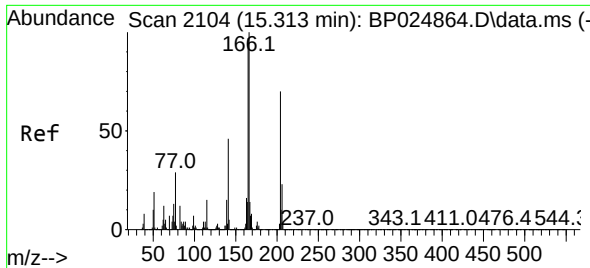
Ion Ratio Lower Upper

149 100

177 21.7 17.9 26.9

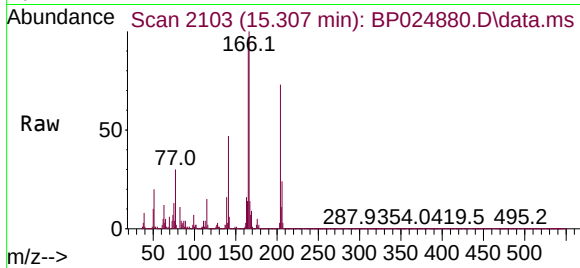
150 12.5 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 50.830 ng
RT: 15.307 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

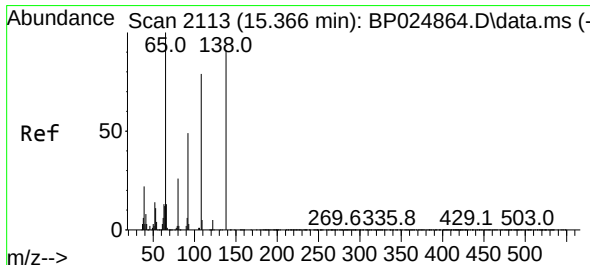
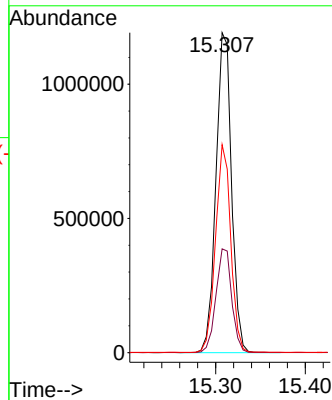
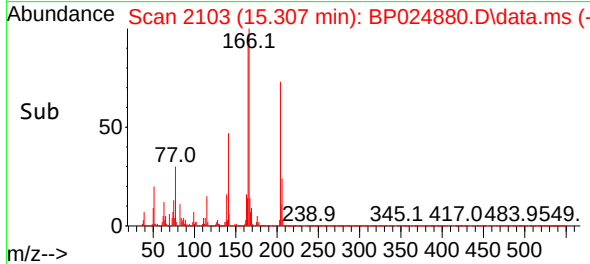
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:204 Resp: 1446499
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 65.0 52.4 78.6

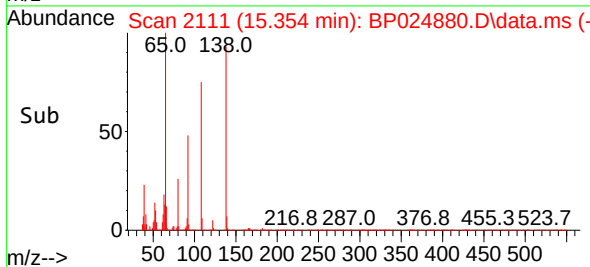
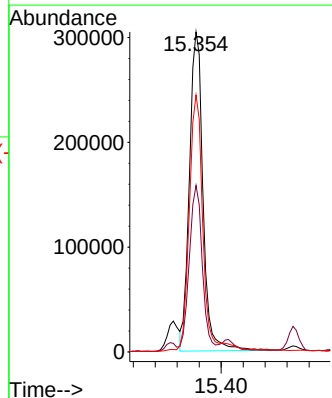
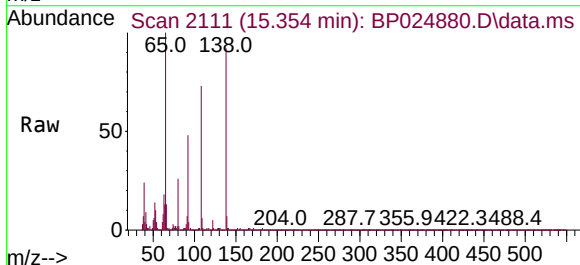
Manual Integrations
APPROVED

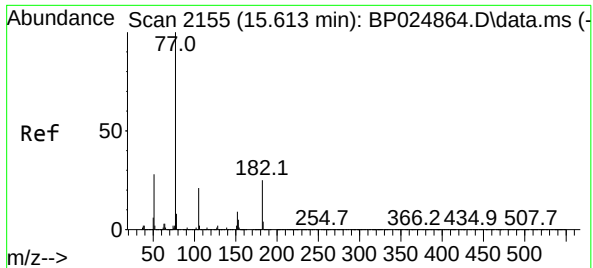
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#62
4-Nitroaniline
Concen: 41.603 ng
RT: 15.354 min Scan# 2111
Delta R.T. -0.012 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

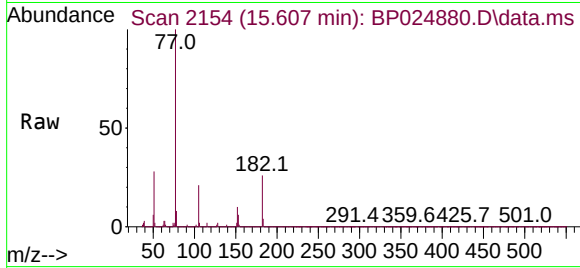
Tgt Ion:138 Resp: 523586
Ion Ratio Lower Upper
138 100
92 52.0 33.5 73.5
108 80.3 65.1 105.1





#63
Azobenzene
Concen: 52.624 ng
RT: 15.607 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

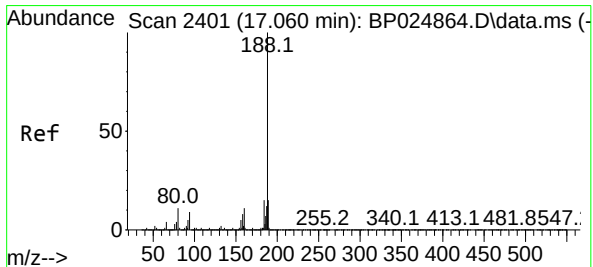
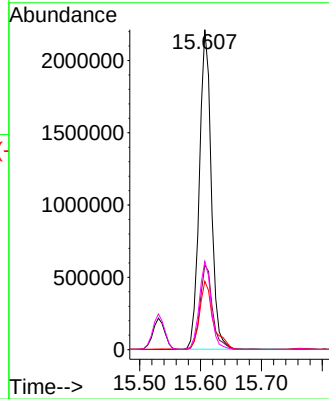
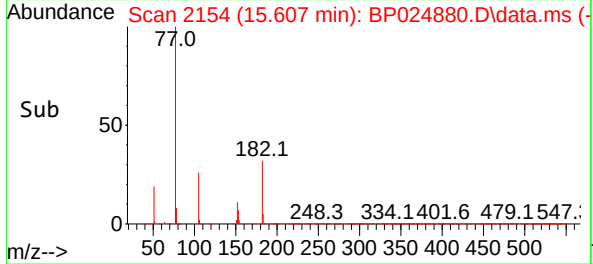
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



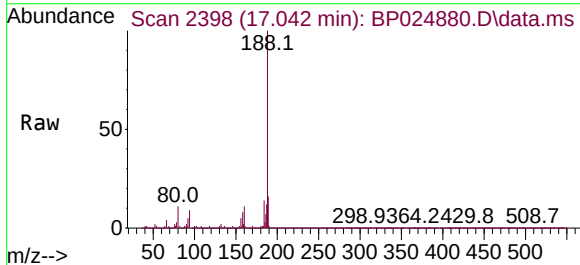
Tgt Ion: 77 Resp: 2984270
Ion Ratio Lower Upper
77 100
182 26.4 5.4 45.4
105 21.3 0.8 40.8
51 27.6 8.1 48.1

Manual Integrations
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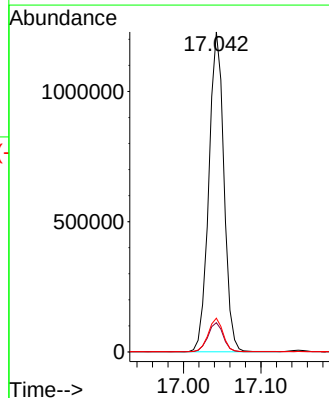
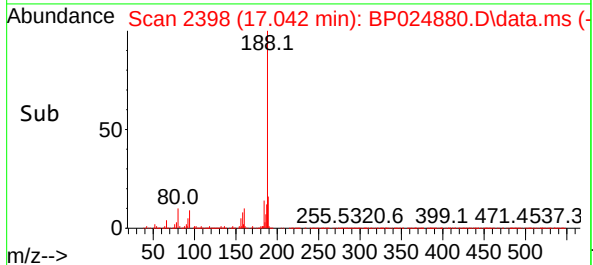
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

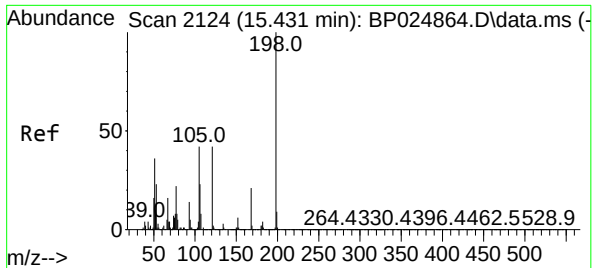


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.042 min Scan# 2398
Delta R.T. -0.018 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55



Tgt Ion:188 Resp: 1657665
Ion Ratio Lower Upper
188 100
94 9.2 7.3 10.9
80 10.5 8.5 12.7





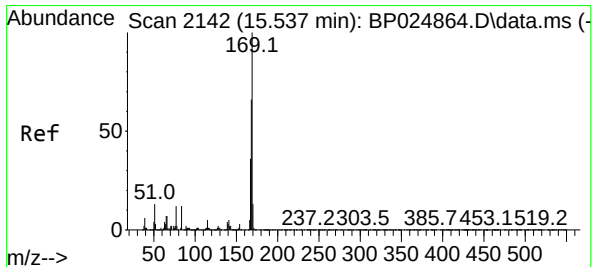
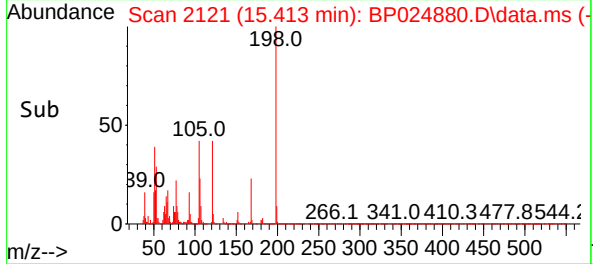
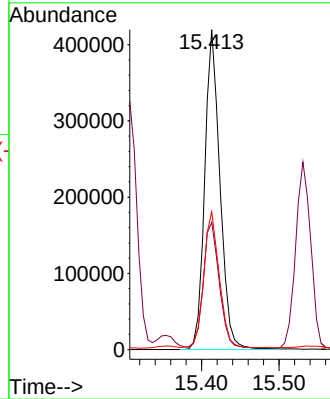
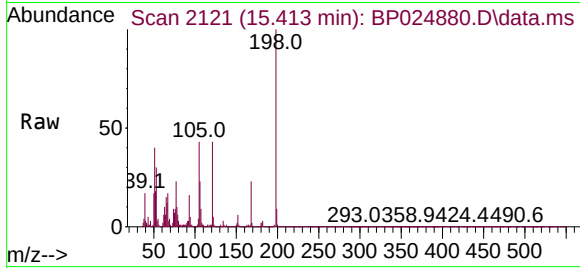
#65
4,6-Dinitro-2-methylphenol
Concen: 52.658 ng
RT: 15.413 min Scan# 2121
Delta R.T. -0.018 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD

Tgt Ion:198 Resp: 573565
Ion Ratio Lower Upper
198 100
51 39.8 19.2 59.2
105 43.1 22.6 62.6

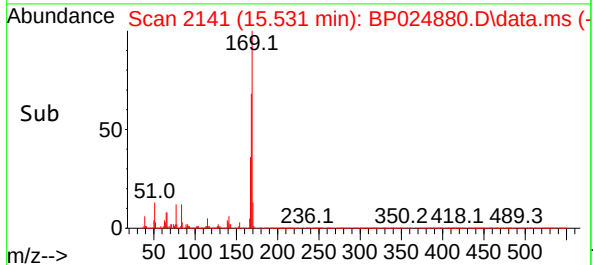
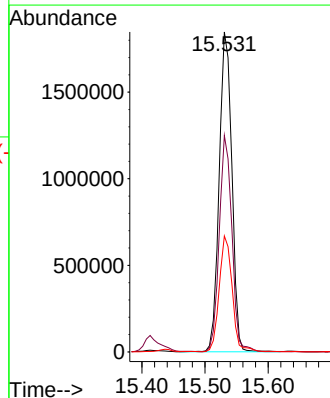
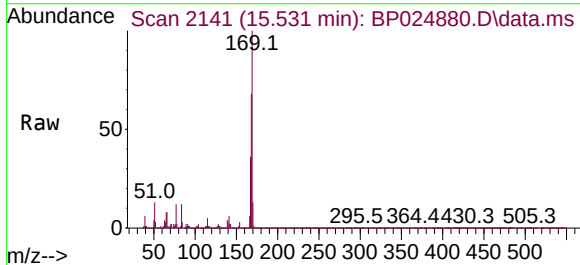
Manual Integrations
APPROVED

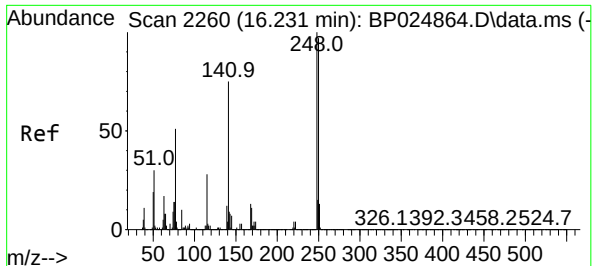
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#66
n-Nitrosodiphenylamine
Concen: 50.028 ng
RT: 15.531 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

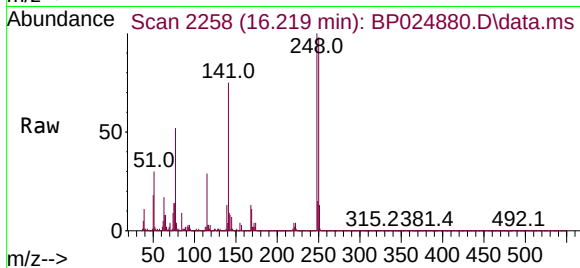
Tgt Ion:169 Resp: 2570412
Ion Ratio Lower Upper
169 100
168 67.6 53.0 79.6
167 36.2 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 53.352 ng
RT: 16.219 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

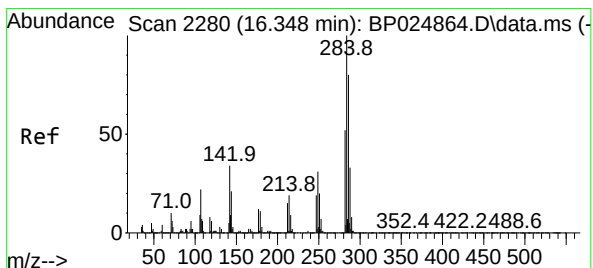
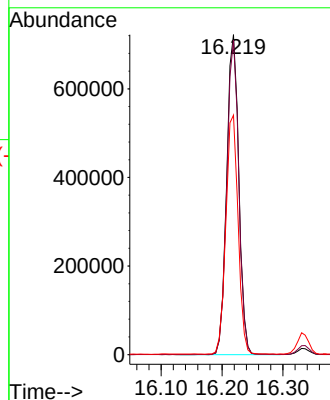
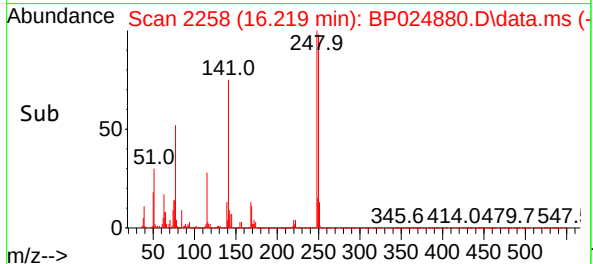
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:248 Resp: 997886
Ion Ratio Lower Upper
248 100
250 98.3 77.4 116.2
141 74.8 59.9 89.9

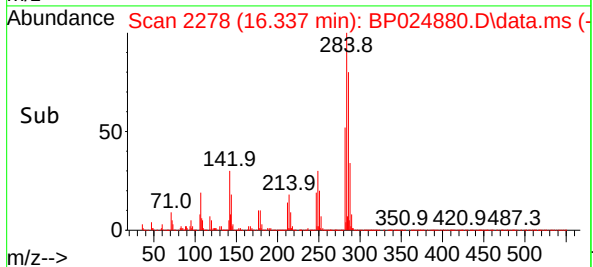
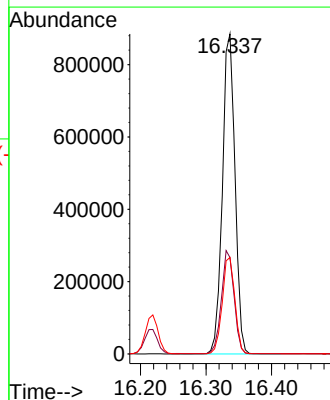
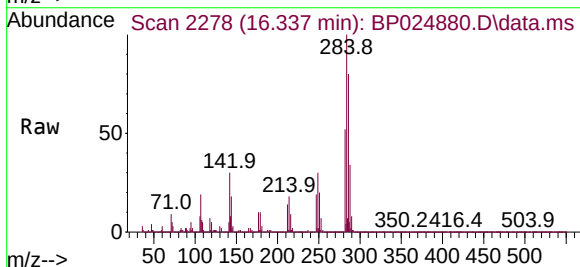
Manual Integrations
APPROVED

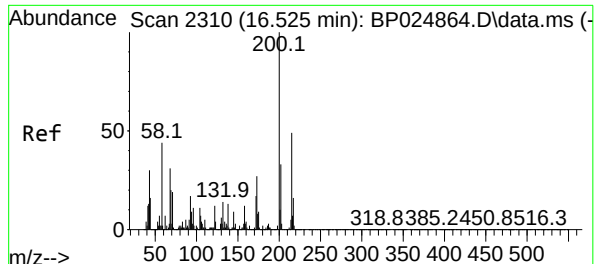
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#68
Hexachlorobenzene
Concen: 52.127 ng
RT: 16.337 min Scan# 2278
Delta R.T. -0.012 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

Tgt Ion:284 Resp: 1181954
Ion Ratio Lower Upper
284 100
142 30.1 27.0 40.6
249 30.1 25.0 37.6





#69

Atrazine

Concen: 53.958 ng

RT: 16.513 min Scan# 2310

Delta R.T. -0.012 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion:200 Resp: 100502

Ion Ratio Lower Upper

200 100

173 27.1 6.9 46.9

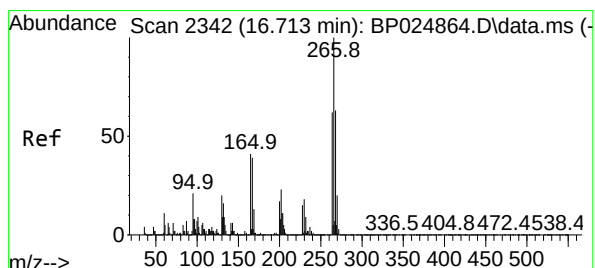
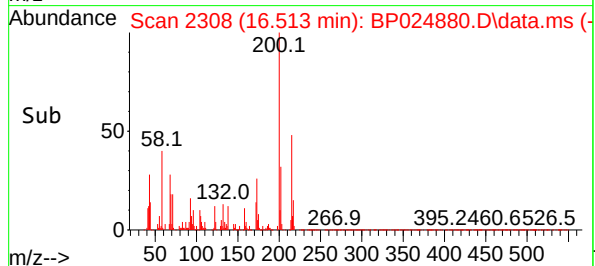
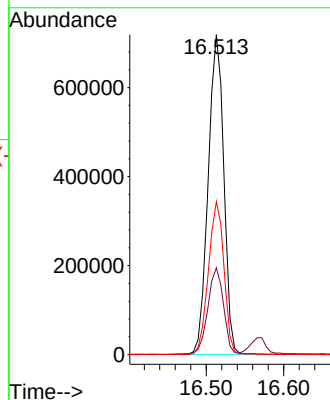
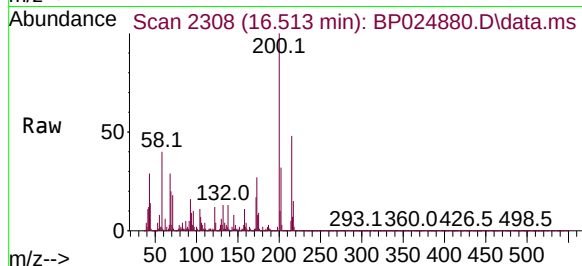
215 47.8 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#70

Pentachlorophenol

Concen: 133.632 ng

RT: 16.701 min Scan# 2340

Delta R.T. -0.012 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

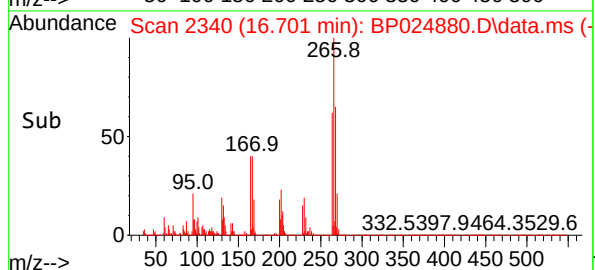
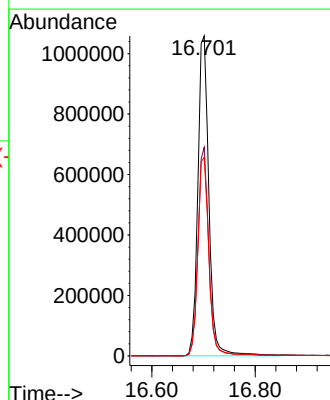
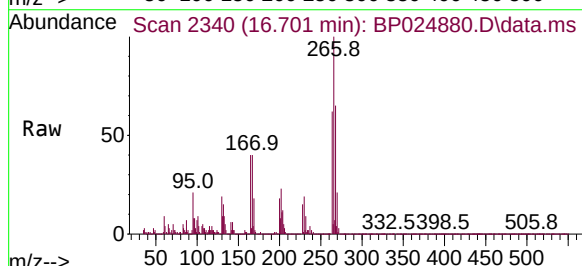
Tgt Ion:266 Resp: 1568201

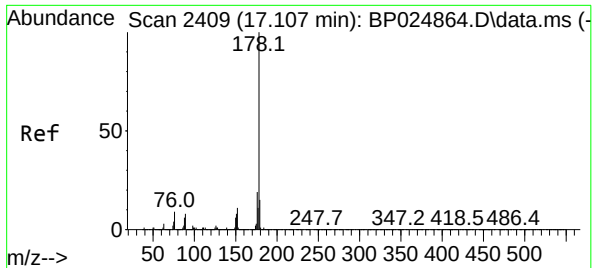
Ion Ratio Lower Upper

266 100

268 65.2 50.6 76.0

264 62.0 49.7 74.5





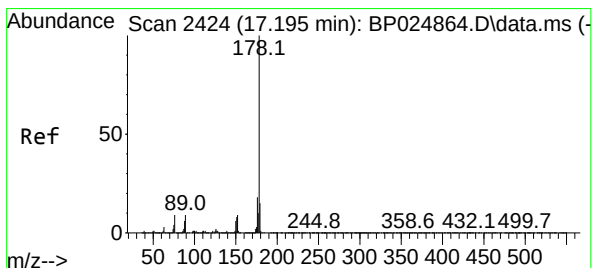
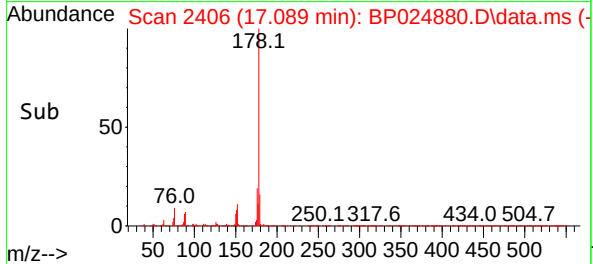
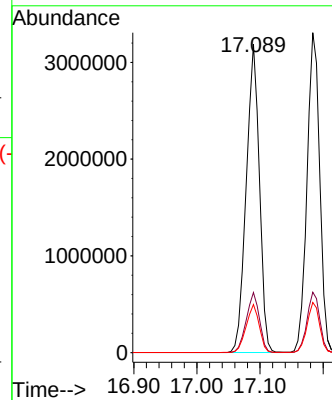
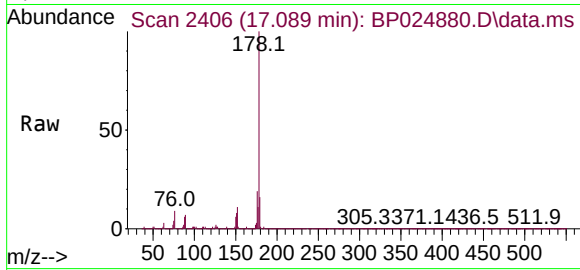
#71
Phenanthrene
Concen: 50.372 ng
RT: 17.089 min Scan# 2409
Delta R.T. -0.018 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD

Tgt Ion:178 Resp: 4614297
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.6 12.1 18.1

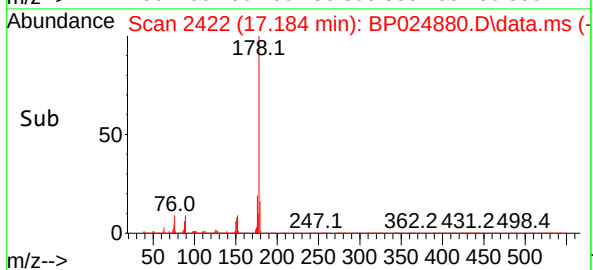
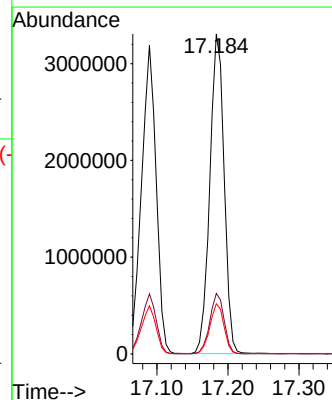
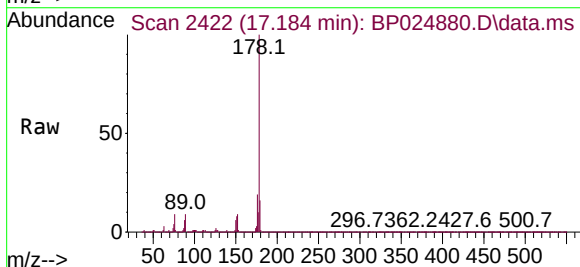
Manual Integrations
APPROVED

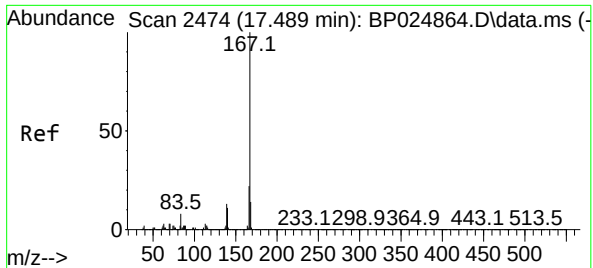
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#72
Anthracene
Concen: 49.786 ng
RT: 17.184 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

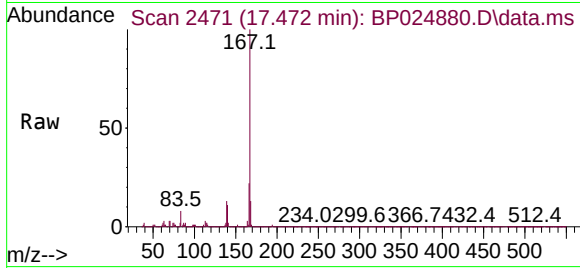
Tgt Ion:178 Resp: 4618867
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.7 12.3 18.5





#73
 Carbazole
 Concen: 51.477 ng
 RT: 17.472 min Scan# 2471
 Delta R.T. -0.018 min
 Lab File: BP024880.D
 Acq: 09 Jun 2025 16:55

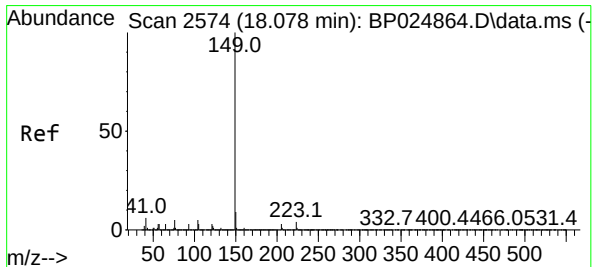
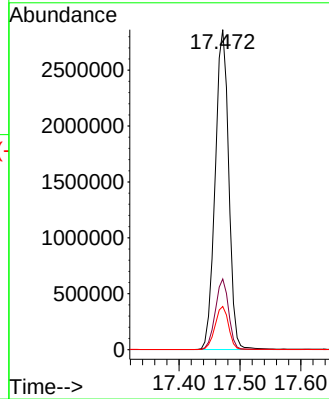
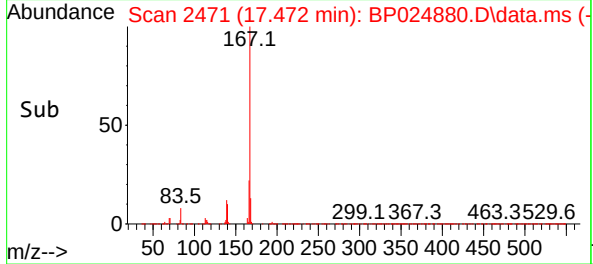
Instrument :
 BNA_P
 ClientSampleId :
 GW-MW01-060425MSD



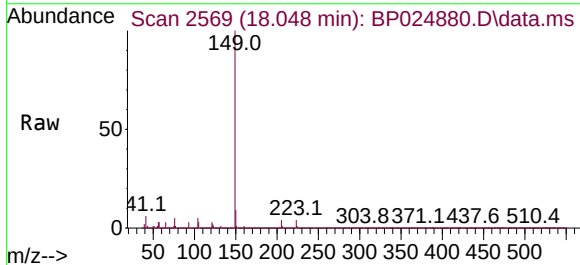
Tgt Ion:167 Resp: 4426692
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.3 25.9
 139 13.5 10.8 16.2

Manual Integrations
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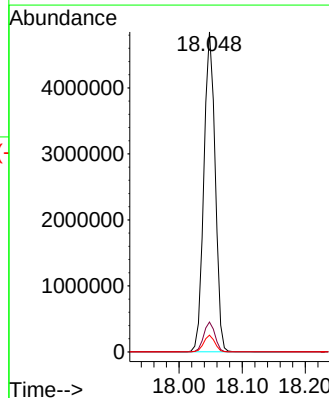
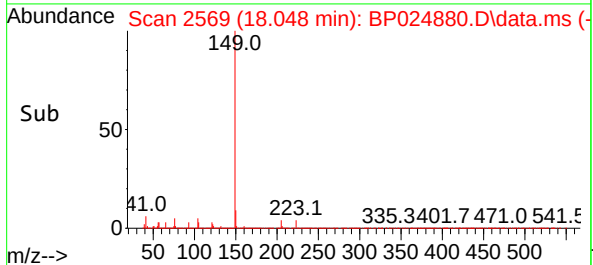
Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025

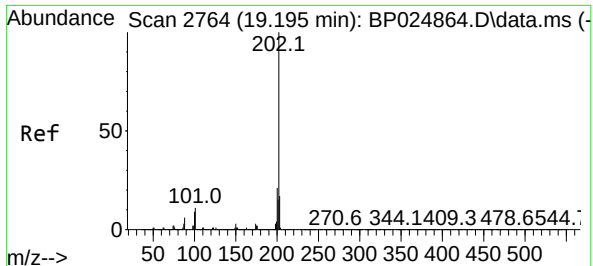


#74
 Di-n-butylphthalate
 Concen: 56.341 ng
 RT: 18.048 min Scan# 2569
 Delta R.T. -0.029 min
 Lab File: BP024880.D
 Acq: 09 Jun 2025 16:55



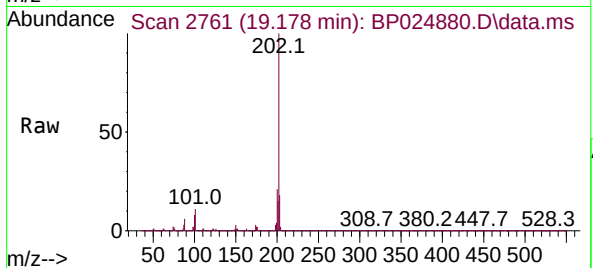
Tgt Ion:149 Resp: 6002825
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 51.645 ng
RT: 19.178 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

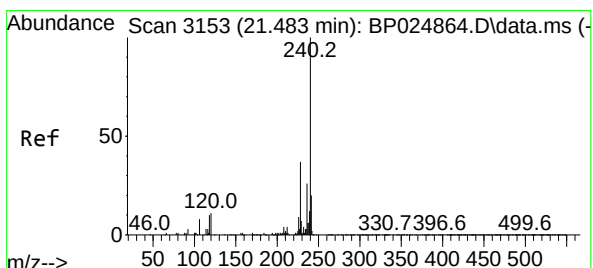
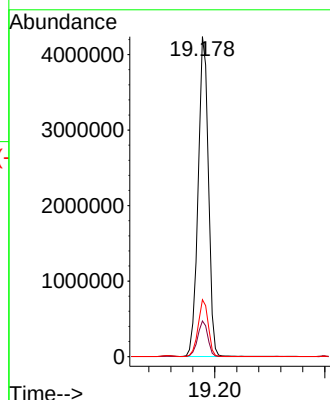
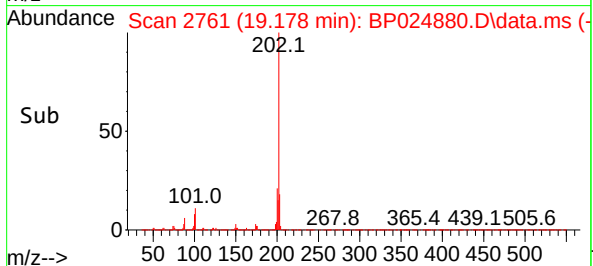
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:202 Resp: 548333
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 17.8 0.0 37.5

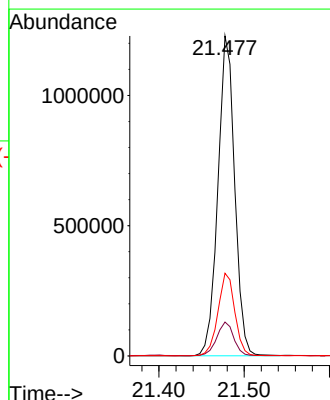
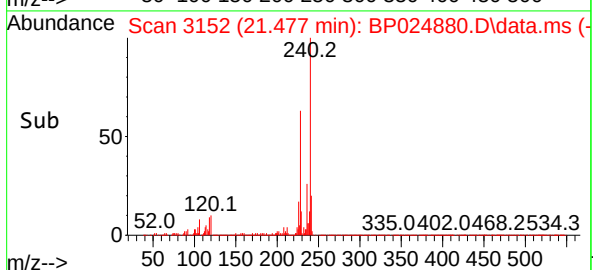
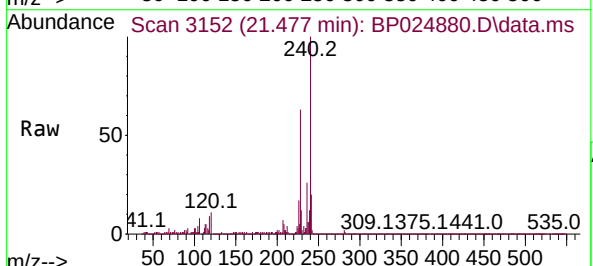
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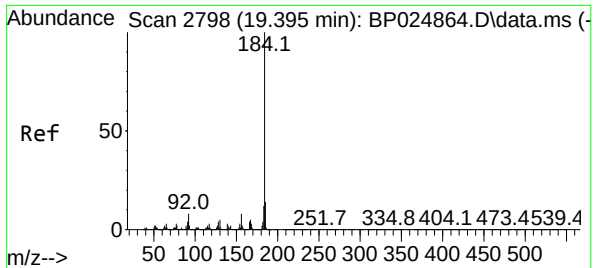
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.477 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

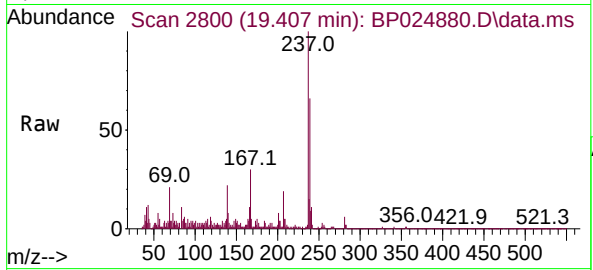
Tgt Ion:240 Resp: 1681535
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.8 20.9 31.3





#77
Benzidine
Concen: 0.304 ng m
RT: 19.407 min Scan# 2810
Delta R.T. 0.012 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

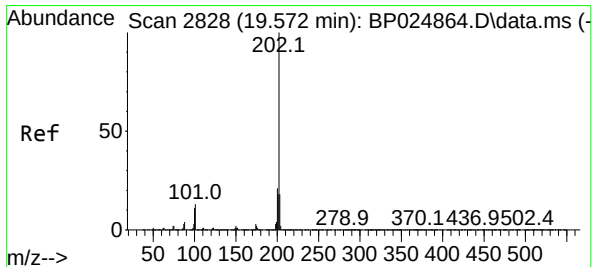
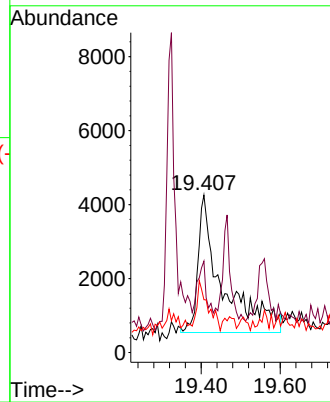
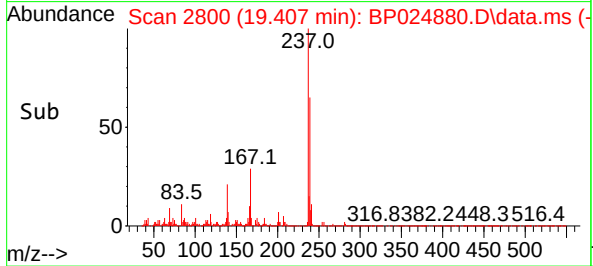
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:184 Resp: 15854
Ion Ratio Lower Upper
184 100
185 58.0 11.4 17.0
183 33.6 9.5 14.3

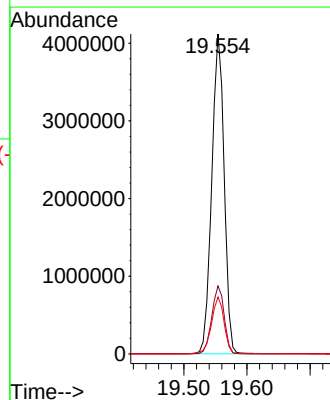
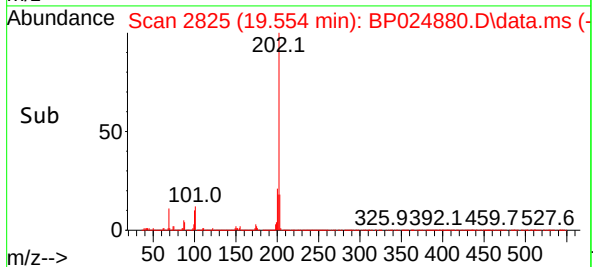
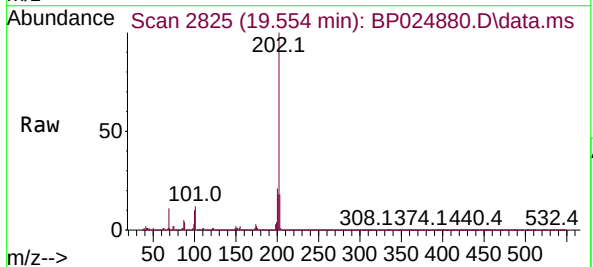
Manual Integrations
APPROVED

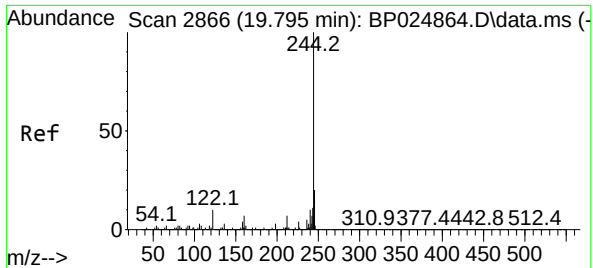
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#78
Pyrene
Concen: 53.412 ng
RT: 19.554 min Scan# 2825
Delta R.T. -0.018 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

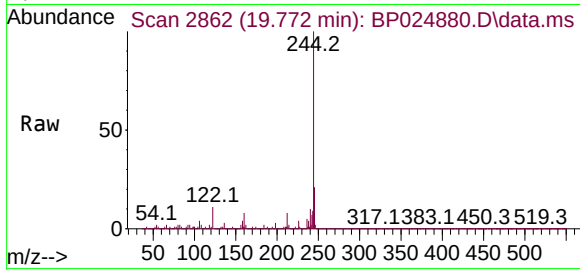
Tgt Ion:202 Resp: 5611099
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.8 14.0 21.0





#79
 Terphenyl-d14
 Concen: 89.330 ng
 RT: 19.772 min Scan# 2866
 Delta R.T. -0.024 min
 Lab File: BP024880.D
 Acq: 09 Jun 2025 16:55

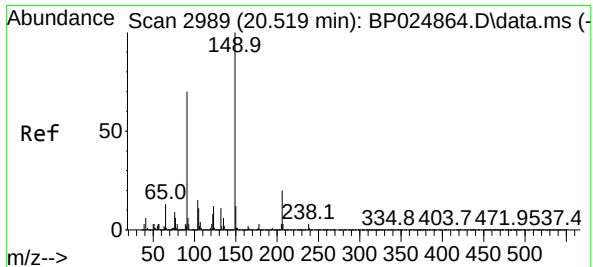
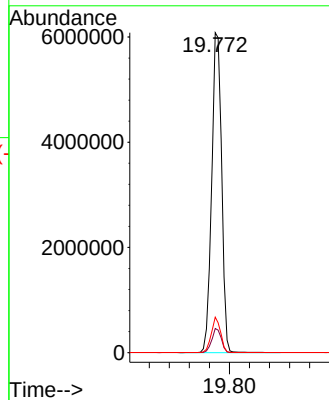
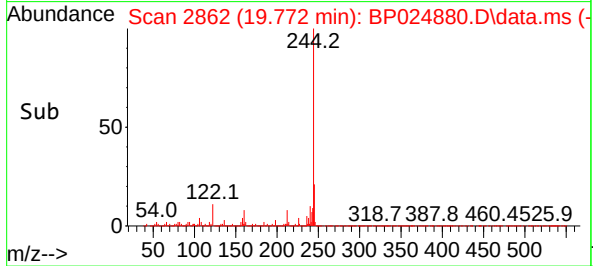
Instrument :
 BNA_P
 ClientSampleId :
 GW-MW01-060425MSD



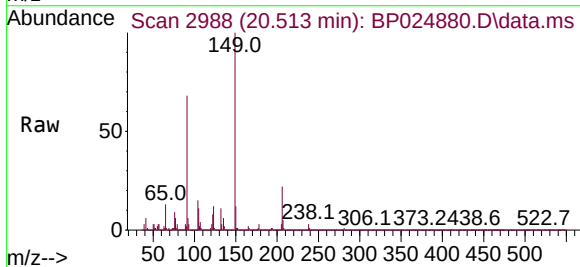
Tgt Ion:244 Resp: 8381201
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.6 8.4
 122 11.1 7.7 11.5

Manual Integrations
 APPROVED

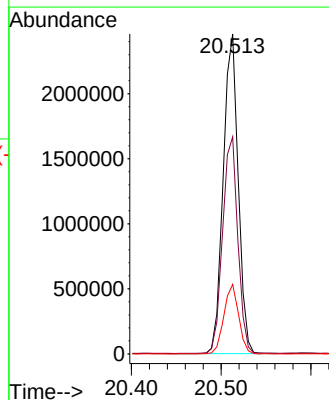
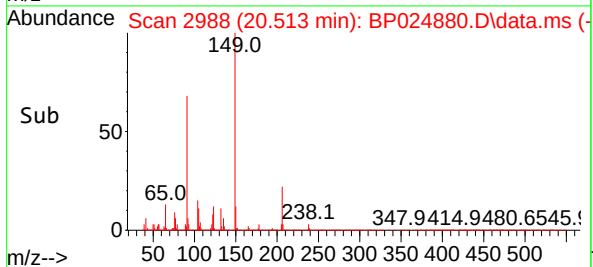
Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025

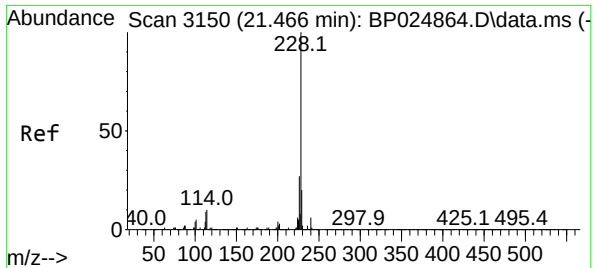


#80
 Butylbenzylphthalate
 Concen: 59.393 ng
 RT: 20.513 min Scan# 2988
 Delta R.T. -0.006 min
 Lab File: BP024880.D
 Acq: 09 Jun 2025 16:55



Tgt Ion:149 Resp: 2857974
 Ion Ratio Lower Upper
 149 100
 91 67.8 55.8 83.8
 206 21.8 16.2 24.2





#81

Benzo(a)anthracene

Concen: 51.831 ng

RT: 21.460 min Scan# 3150

Delta R.T. -0.006 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion:228 Resp: 5574248

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

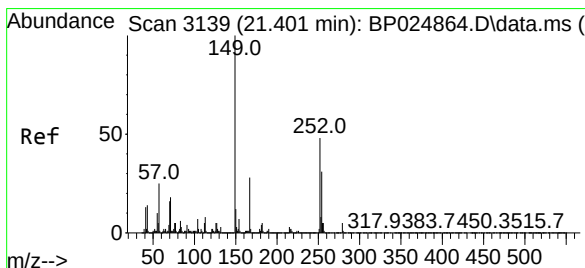
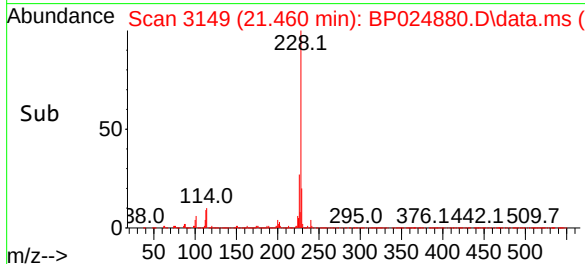
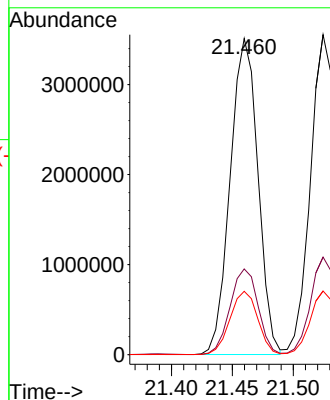
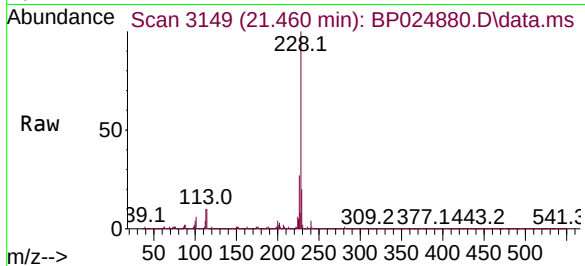
229 20.0 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#82

3,3'-Dichlorobenzidine

Concen: 17.135 ng

RT: 21.389 min Scan# 3137

Delta R.T. -0.012 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

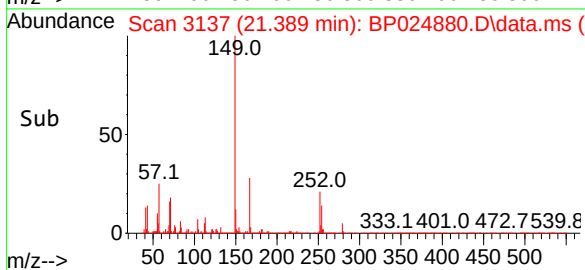
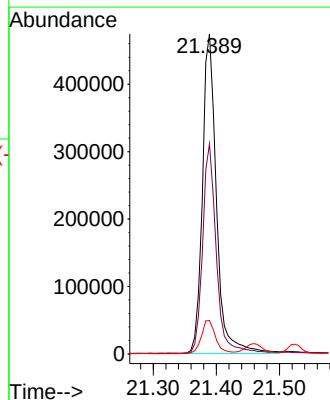
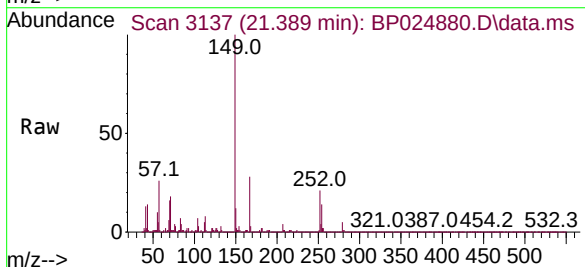
Tgt Ion:252 Resp: 731610

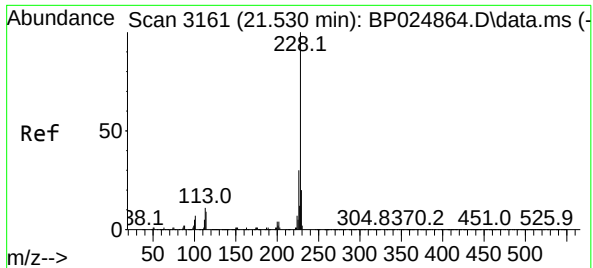
Ion Ratio Lower Upper

252 100

254 65.6 51.2 76.8

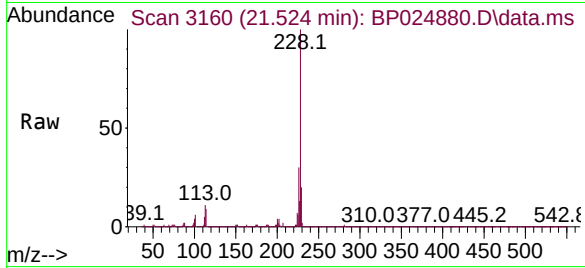
126 10.4 8.6 12.8





#83
Chrysene
Concen: 51.424 ng
RT: 21.524 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

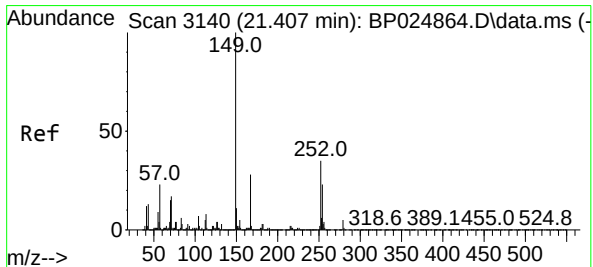
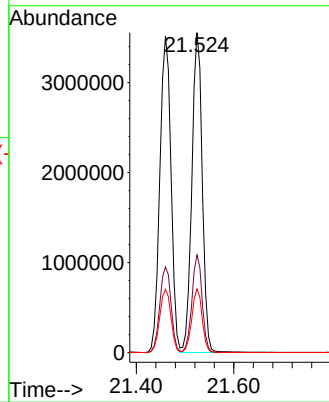
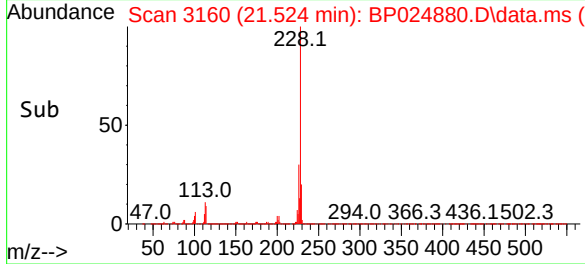
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



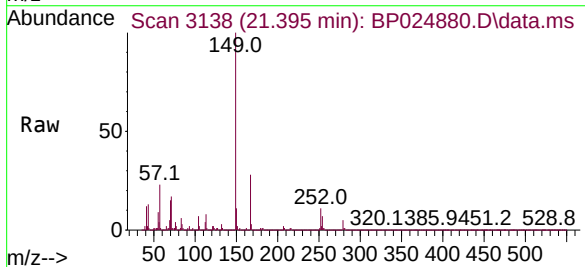
Tgt Ion:228 Resp: 5240307
Ion Ratio Lower Upper
228 100
226 30.5 23.8 35.6
229 19.9 15.6 23.4

Manual Integrations
APPROVED

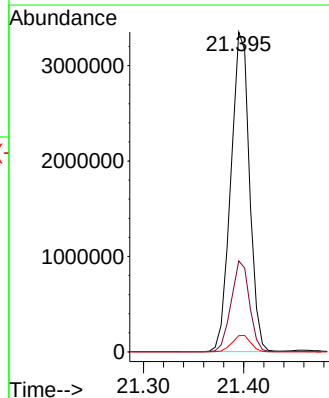
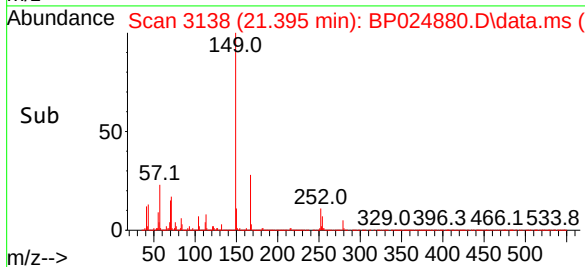
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

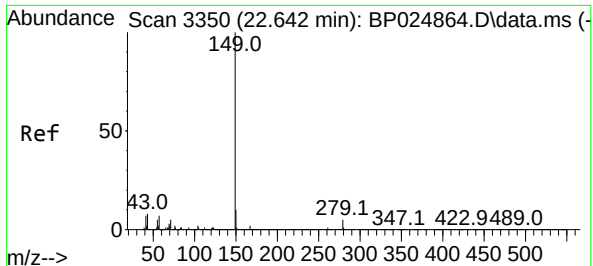


#84
Bis(2-ethylhexyl)phthalate
Concen: 62.529 ng
RT: 21.395 min Scan# 3138
Delta R.T. -0.012 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55



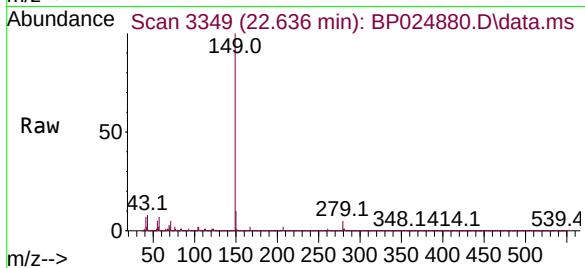
Tgt Ion:149 Resp: 4311017
Ion Ratio Lower Upper
149 100
167 28.4 22.2 33.4
279 5.1 4.0 6.0





#85
Di-n-octyl phthalate
Concen: 60.971 ng
RT: 22.636 min Scan# 3350
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

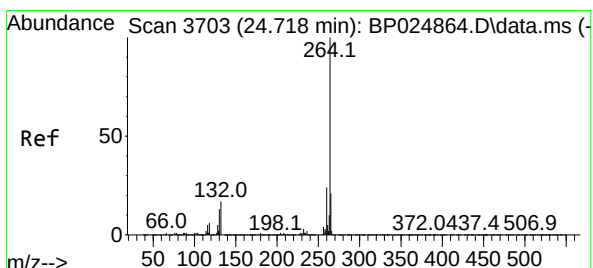
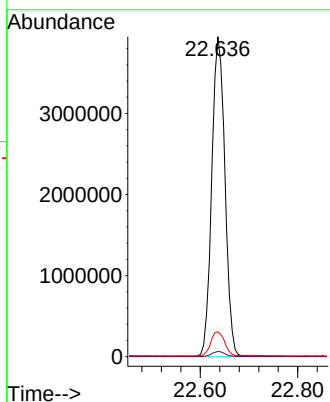
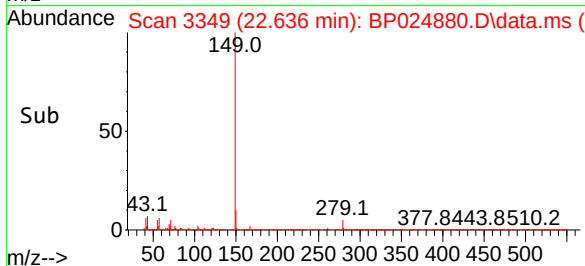
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:149 Resp: 7409270
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.6 10.0

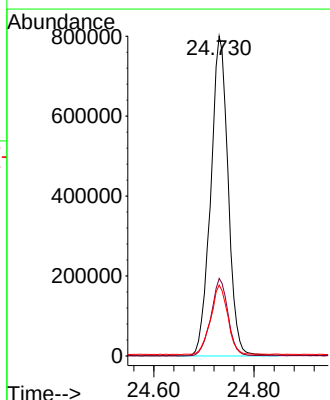
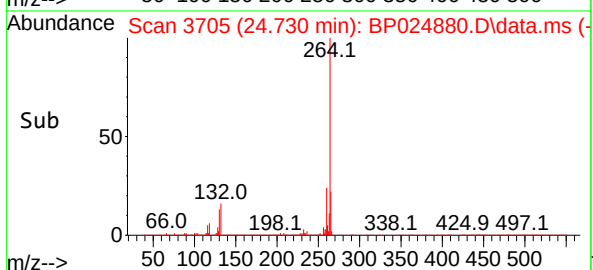
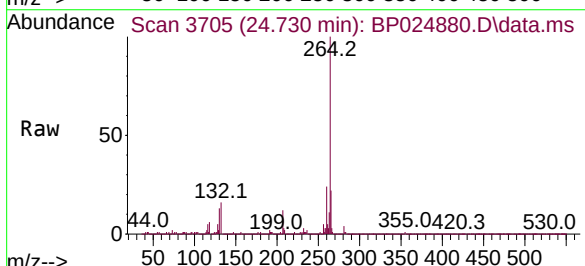
Manual Integrations
APPROVED

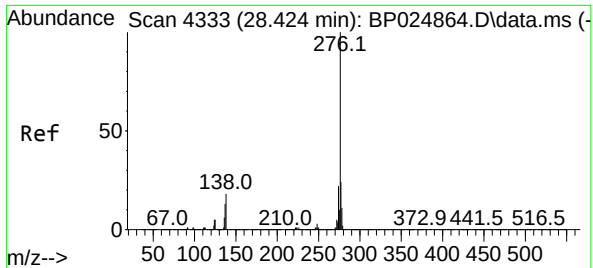
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.730 min Scan# 3705
Delta R.T. 0.012 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

Tgt Ion:264 Resp: 1927042
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.4
265 22.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.973 ng

RT: 28.436 min Scan# 4333

Delta R.T. 0.012 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion:276 Resp: 7307495

Ion Ratio Lower Upper

276 100

138 14.4 18.6 27.8

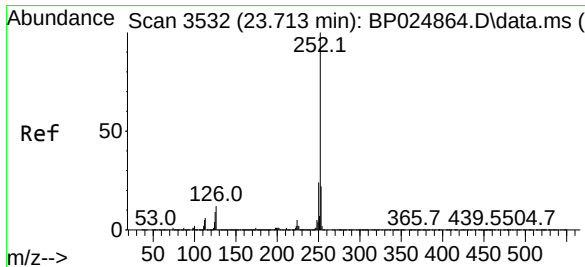
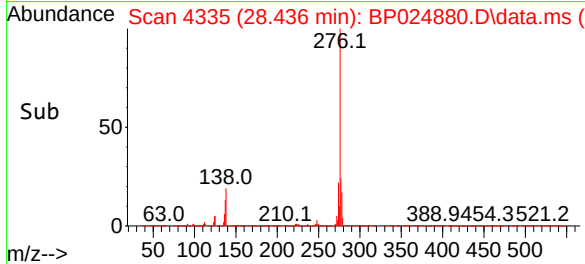
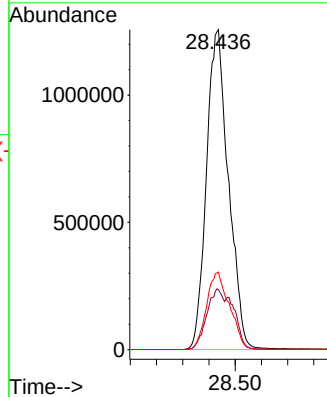
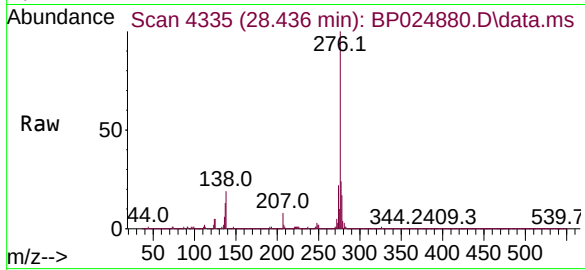
277 25.4 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#88

Benzo(b)fluoranthene

Concen: 52.654 ng

RT: 23.713 min Scan# 3532

Delta R.T. -0.000 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

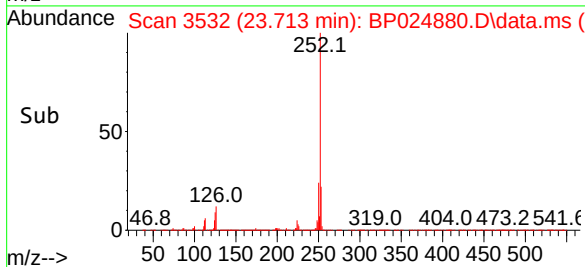
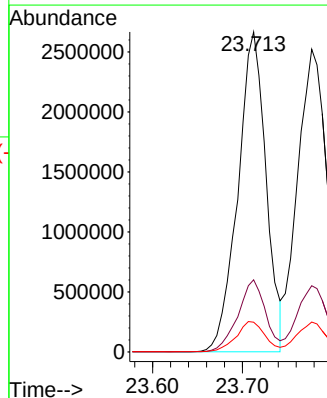
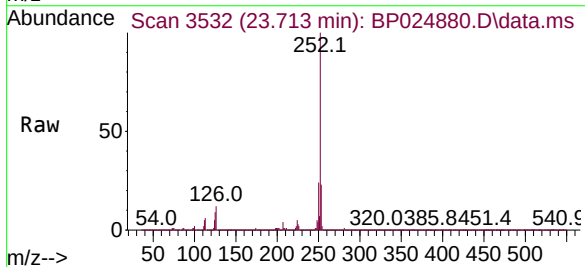
Tgt Ion:252 Resp: 5806971

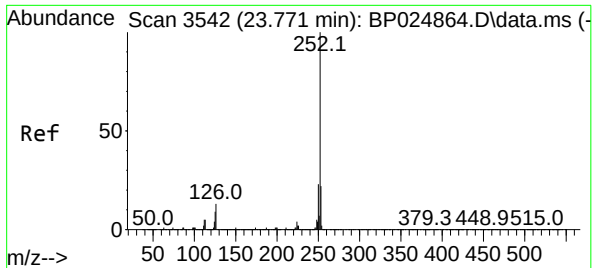
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 9.3 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 51.816 ng

RT: 23.777 min Scan# 3542

Delta R.T. 0.006 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

Instrument :

BNA_P

ClientSampleId :

GW-MW01-060425MSD

Tgt Ion:252 Resp: 5816924

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

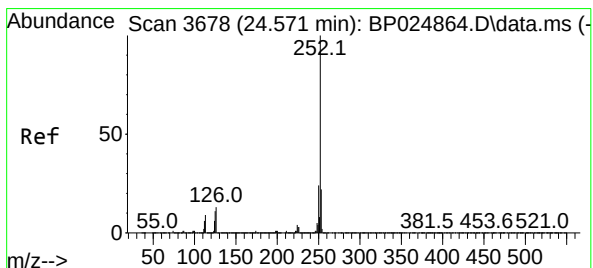
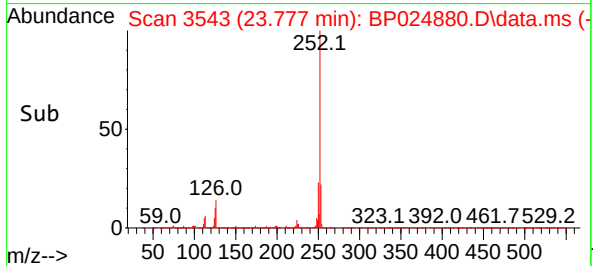
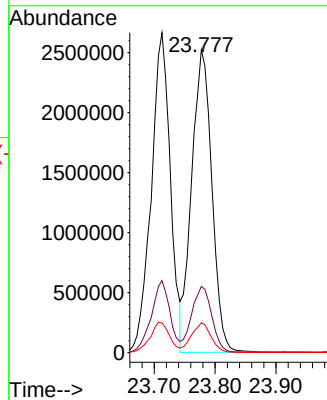
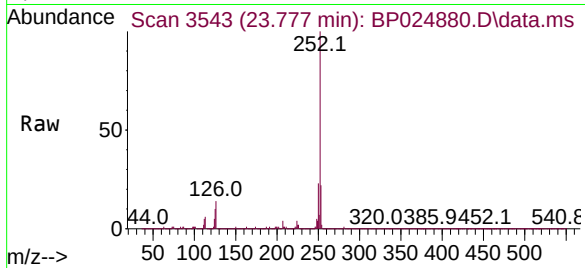
125 9.9 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#90

Benzo(a)pyrene

Concen: 51.500 ng

RT: 24.589 min Scan# 3681

Delta R.T. 0.018 min

Lab File: BP024880.D

Acq: 09 Jun 2025 16:55

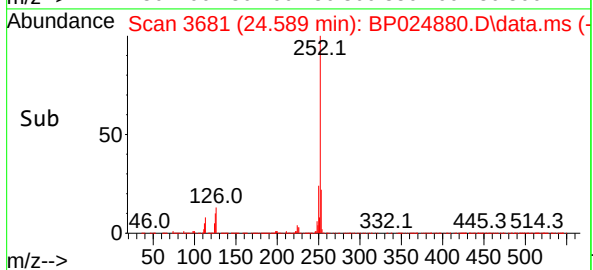
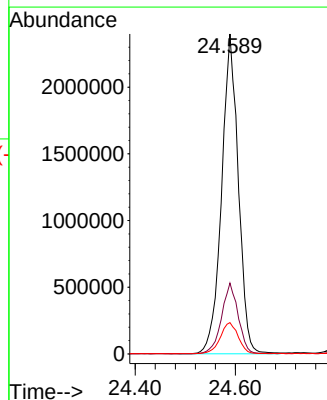
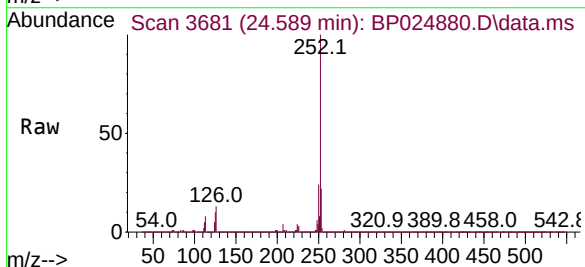
Tgt Ion:252 Resp: 5546665

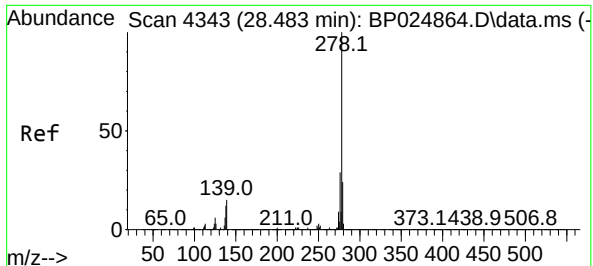
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

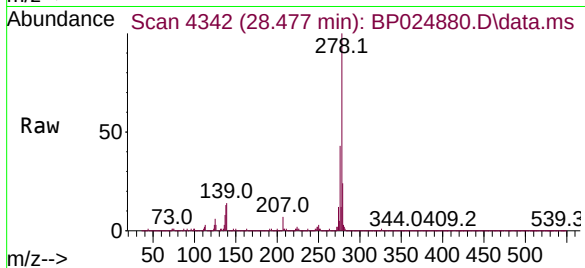
125 9.8 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 52.475 ng
RT: 28.477 min Scan# 4343
Delta R.T. -0.006 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

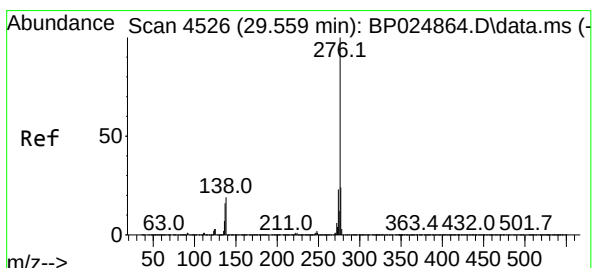
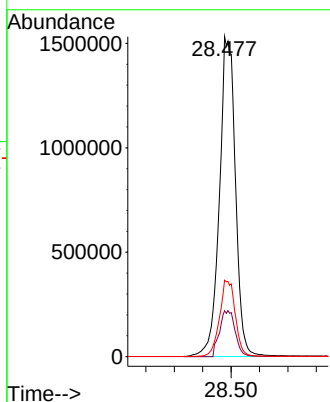
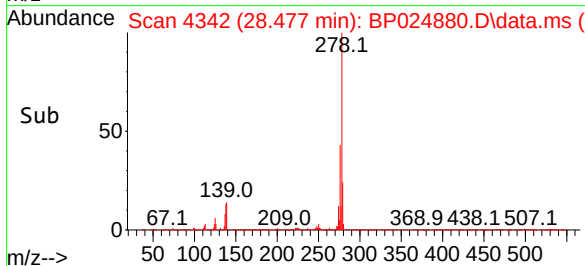
Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD



Tgt Ion:278 Resp: 6005498
Ion Ratio Lower Upper
278 100
139 14.3 12.0 18.0
279 23.9 19.1 28.7

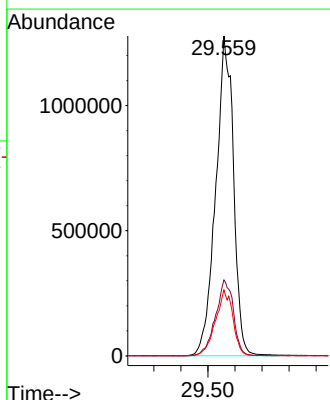
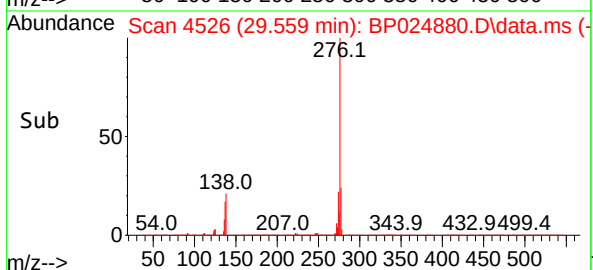
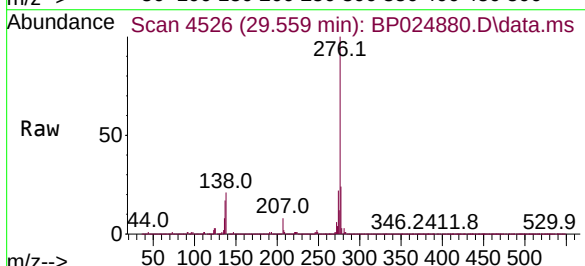
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#92
Benzo(g,h,i)perylene
Concen: 51.165 ng
RT: 29.559 min Scan# 4526
Delta R.T. -0.000 min
Lab File: BP024880.D
Acq: 09 Jun 2025 16:55

Tgt Ion:276 Resp: 5809887
Ion Ratio Lower Upper
276 100
277 23.7 19.1 28.7
138 20.6 15.4 23.2



Manual Integration Report

Sequence:

BP060625

Instrument

BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP024861.D	2,3,4,6-Tetrachlorophen ol	Rahul	6/9/2025 10:51:15 AM	Jagrut	6/9/2025 12:08:47 PM	Peak Integrated by Software
SSTDICC005	BP024861.D	4-Nitroaniline	Rahul	6/9/2025 10:51:15 AM	Jagrut	6/9/2025 12:08:47 PM	Peak Integrated by Software
SSTDICC010	BP024862.D	Benzaldehyde	Rahul	6/9/2025 10:51:18 AM	Jagrut	6/9/2025 12:08:50 PM	Peak Integrated by Software
SSTDICC010	BP024862.D	Benzo(b)fluoranthene	Rahul	6/9/2025 10:51:18 AM	Jagrut	6/9/2025 12:08:50 PM	Peak Integrated by Software
SSTDICC010	BP024862.D	Benzoic acid	Rahul	6/9/2025 10:51:18 AM	Jagrut	6/9/2025 12:08:50 PM	Peak Integrated by Software
SSTDICC020	BP024863.D	Benzaldehyde	Rahul	6/9/2025 10:51:20 AM	Jagrut	6/9/2025 12:08:52 PM	Peak Integrated by Software
SSTDICV040	BP024868.D	Benzaldehyde	Rahul	6/9/2025 10:51:26 AM	Jagrut	6/9/2025 12:08:55 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

BP060925

Instrument

BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP024871.D	Benzaldehyde	Rahul	6/10/2025 10:03:10 AM	Jagrut	6/10/2025 11:16:44 AM	Peak Integrated by Software
Q2230-03MS	BP024879.D	Benzidine	Rahul	6/10/2025 10:03:17 AM	Jagrut	6/10/2025 11:16:53 AM	Peak Integrated by Software
Q2230-03MS	BP024879.D	Hexachloroethane	Rahul	6/10/2025 10:03:17 AM	Jagrut	6/10/2025 11:16:53 AM	Peak Integrated by Software
Q2230-04MSD	BP024880.D	Benzidine	Rahul	6/10/2025 10:03:29 AM	Jagrut	6/10/2025 11:16:56 AM	Peak Integrated by Software
Q2230-04MSD	BP024880.D	Hexachloroethane	Rahul	6/10/2025 10:03:29 AM	Jagrut	6/10/2025 11:16:56 AM	Peak Integrated by Software

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP060625

Review By	Rahul	Review On	6/9/2025 11:36:10 AM
Supervise By	Jagrut	Supervise On	6/9/2025 12:09:52 PM
SubDirectory	BP060625	HP Acquire Method	BNA_P
		HP Processing Method	BP060625
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791		
CCC	SP6787		
Internal Standard/PEM	S12667,10ul/1000ul sample		
ICV/I.BLK	SP6796		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024859.D	06 Jun 2025 09:49	RC/JU	Ok
2	SSTDICC2.5	BP024860.D	06 Jun 2025 10:30	RC/JU	Ok
3	SSTDICC005	BP024861.D	06 Jun 2025 11:11	RC/JU	Ok,M
4	SSTDICC010	BP024862.D	06 Jun 2025 11:52	RC/JU	Ok,M
5	SSTDICC020	BP024863.D	06 Jun 2025 12:33	RC/JU	Ok,M
6	SSTDICCC040	BP024864.D	06 Jun 2025 13:14	RC/JU	Ok
7	SSTDICC050	BP024865.D	06 Jun 2025 13:56	RC/JU	Ok
8	SSTDICC060	BP024866.D	06 Jun 2025 14:37	RC/JU	Ok
9	SSTDICC080	BP024867.D	06 Jun 2025 15:18	RC/JU	Ok
10	SSTDICV040	BP024868.D	06 Jun 2025 17:09	RC/JU	Ok,M
11	PB168259BL	BP024869.D	06 Jun 2025 17:50	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP060925

Review By	Rahul	Review On	6/10/2025 10:05:06 AM
Supervise By	Jagrut	Supervise On	6/10/2025 11:17:20 AM
SubDirectory	BP060925	HP Acquire Method	BNA_P
		HP Processing Method	BP060625
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791		
CCC	SP6787		
Internal Standard/PEM	S12667,10ul/1000ul sample		
ICV/I.BLK	SP6796		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024870.D	09 Jun 2025 10:03	RC/JU	Ok
2	SSTDCCC040	BP024871.D	09 Jun 2025 10:44	RC/JU	Ok,M
3	PB168323BL	BP024872.D	09 Jun 2025 11:24	RC/JU	Ok
4	PB168323BS	BP024873.D	09 Jun 2025 12:05	RC/JU	Ok
5	Q2210-01	BP024874.D	09 Jun 2025 12:50	RC/JU	Ok
6	Q2209-01	BP024875.D	09 Jun 2025 13:31	RC/JU	Ok
7	Q2230-01	BP024876.D	09 Jun 2025 14:12	RC/JU	Ok
8	Q2230-02	BP024877.D	09 Jun 2025 14:52	RC/JU	Ok,M
9	Q2218-01	BP024878.D	09 Jun 2025 15:33	RC/JU	Ok,M
10	Q2230-03MS	BP024879.D	09 Jun 2025 16:14	RC/JU	Ok,M
11	Q2230-04MSD	BP024880.D	09 Jun 2025 16:55	RC/JU	Ok,M
12	Q2230-05	BP024881.D	09 Jun 2025 17:35	RC/JU	Ok
13	Q2231-02	BP024882.D	09 Jun 2025 18:16	RC/JU	Dilution
14	Q2237-02	BP024883.D	09 Jun 2025 18:57	RC/JU	Ok
15	Q2248-01	BP024884.D	09 Jun 2025 19:38	RC/JU	Ok,M
16	Q2240-01	BP024885.D	09 Jun 2025 20:18	RC/JU	Ok,M
17	Q2260-01	BP024886.D	09 Jun 2025 20:59	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP060625

Review By	Rahul	Review On	6/9/2025 11:36:10 AM
Supervise By	Jagrut	Supervise On	6/9/2025 12:09:52 PM
SubDirectory	BP060625	HP Acquire Method	BNA_P
		HP Processing Method	BP060625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024859.D	06 Jun 2025 09:49		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP024860.D	06 Jun 2025 10:30		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP024861.D	06 Jun 2025 11:11		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP024862.D	06 Jun 2025 11:52		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP024863.D	06 Jun 2025 12:33	Calibration is Good for 8270 E, 8270 DOD and 625.1 methods.	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP024864.D	06 Jun 2025 13:14	Compound#54 & 56 are Kept on LR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP024865.D	06 Jun 2025 13:56		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BP024866.D	06 Jun 2025 14:37		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BP024867.D	06 Jun 2025 15:18		RC/JU	Ok
10	SSTDICV040	ICVBP060625	BP024868.D	06 Jun 2025 17:09		RC/JU	Ok,M
11	PB168259BL	PB168259BL	BP024869.D	06 Jun 2025 17:50		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP060925

Review By	Rahul	Review On	6/10/2025 10:05:06 AM
Supervise By	Jagrut	Supervise On	6/10/2025 11:17:20 AM
SubDirectory	BP060925	HP Acquire Method	BNA_P
		HP Processing Method	BP060625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024870.D	09 Jun 2025 10:03		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024871.D	09 Jun 2025 10:44		RC/JU	Ok,M
3	PB168323BL	PB168323BL	BP024872.D	09 Jun 2025 11:24		RC/JU	Ok
4	PB168323BS	PB168323BS	BP024873.D	09 Jun 2025 12:05		RC/JU	Ok
5	Q2210-01	TW1	BP024874.D	09 Jun 2025 12:50		RC/JU	Ok
6	Q2209-01	P01W	BP024875.D	09 Jun 2025 13:31		RC/JU	Ok
7	Q2230-01	FB-060425	BP024876.D	09 Jun 2025 14:12		RC/JU	Ok
8	Q2230-02	GW-MW01-060425	BP024877.D	09 Jun 2025 14:52		RC/JU	Ok,M
9	Q2218-01	72-11934	BP024878.D	09 Jun 2025 15:33		RC/JU	Ok,M
10	Q2230-03MS	GW-MW01-060425MS	BP024879.D	09 Jun 2025 16:14		RC/JU	Ok,M
11	Q2230-04MSD	GW-MW01-060425MSI	BP024880.D	09 Jun 2025 16:55		RC/JU	Ok,M
12	Q2230-05	GW-MW901-060425	BP024881.D	09 Jun 2025 17:35		RC/JU	Ok
13	Q2231-02	MW-14-20250604	BP024882.D	09 Jun 2025 18:16	Analyze first with 10X Dilution and then decide further Dilution	RC/JU	Dilution
14	Q2237-02	TW-WTS-10	BP024883.D	09 Jun 2025 18:57		RC/JU	Ok
15	Q2248-01	TR-05-060525	BP024884.D	09 Jun 2025 19:38		RC/JU	Ok,M
16	Q2240-01	TP-3	BP024885.D	09 Jun 2025 20:18		RC/JU	Ok,M
17	Q2260-01	TP10-MHG-WC	BP024886.D	09 Jun 2025 20:59		RC/JU	Ok,M

M : Manual Integration

SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,5,6,7

Extraction Start Date : 06/06/2025

Extraction Start Time : 08:35

Extraction End Date : 06/06/2025

Extraction End Time : 13:50

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6794
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3939
Baked Na2SO4	N/A	EP2620
10N NaOH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted <2 with 1:1 H2SO4 & >11 with 10 N NaOH.

KD Bath ID: WATER BATH-1,2

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

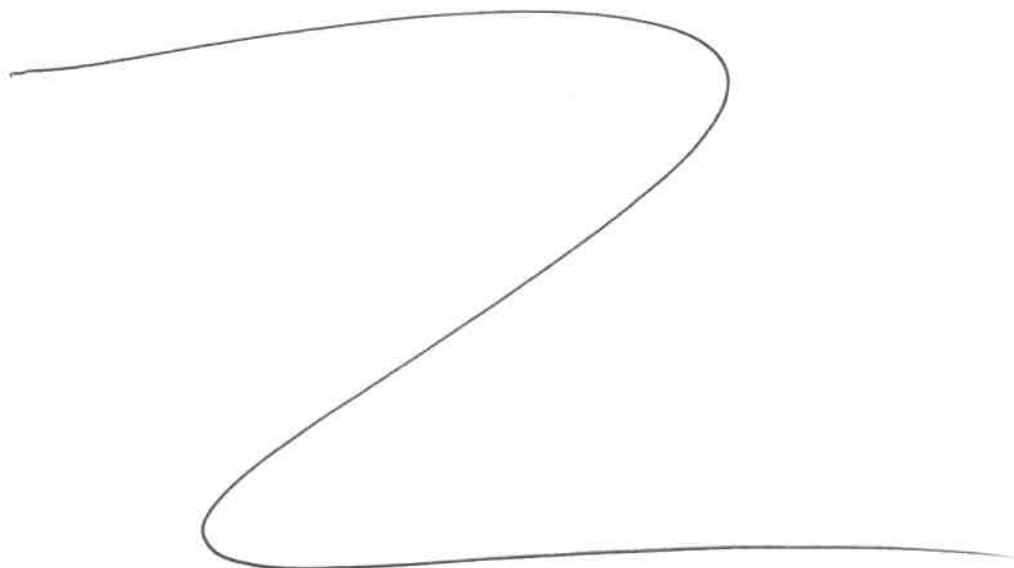
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/6/25	RS (Ext lab)	RC / SVOC
13:55	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 06/06/2025

Sample ID	Client Sample ID	Test	g / (mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168323BL	SBLK323	SVOCMS Group1	1000	6	ritesh	Evelyn	1			SEP-1
PB168323BS	SLCS323	SVOCMS Group1	1000	6	ritesh	Evelyn	1			2
Q2202-03	MW-12-20250603	SVOCMS Group1	980	6	ritesh	Evelyn	1	C		3
Q2209-01	P01W	SVOCMS Group2	990	6	ritesh	Evelyn	1	D		4
Q2210-01	TW1	SVOCMS Group1	1000	6	ritesh	Evelyn	1	D		5
Q2230-01	FB-060425	SVOCMS Group3	880	6	ritesh	Evelyn	1	C		6
Q2230-02	GW-MW01-060425	SVOCMS Group3	910	6	ritesh	Evelyn	1	C		7
Q2230-03	Q2230-02MS	SVOCMS Group3	960	6	ritesh	Evelyn	1	C		8
Q2230-04	Q2230-02MSD	SVOCMS Group3	940	6	ritesh	Evelyn	1	C		9
Q2230-05	GW-MW901-060425	SVOCMS Group3	980	6	ritesh	Evelyn	1	C		10
Q2231-02	MW-14-20250604	SVOCMS Group1	1000	6	ritesh	Evelyn	1	C		11
Q2237-02	TW-WTS-10	SVOCMS Group4	980	12	ritesh	Evelyn	1	F		12



RS
6/6

161223758

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2202 WorkList ID : 189994 Department : Extraction Date : 06-06-2025 08:27:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2202-03	MW-12-20250603	Water	SVOCMS Group1	Cool 4 deg C	PARS02	N31	06/03/2025	8270E
Q2209-01	P01W	Water	SVOCMS Group2	Cool 4 deg C	GENV01	N31	06/04/2025	8270E
Q2210-01	TW1	Water	SVOCMS Group1	Cool 4 deg C	GENV01	L31	06/03/2025	8270E
Q2230-01	FB-060425	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	N31	06/04/2025	8270E
Q2230-02	GW-MW01-060425	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	N31	06/04/2025	8270E
Q2230-03	Q2230-02MS	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	N31	06/04/2025	8270E
Q2230-04	Q2230-02MSD	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	N31	06/04/2025	8270E
Q2230-05	GW-MW901-060425	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	N31	06/04/2025	8270E
Q2231-02	MW-14-20250604	Water	SVOCMS Group1	Cool 4 deg C	PARS02	N41	06/04/2025	8270E
Q2237-02	TW-WTS-10	Water	SVOCMS Group4	Cool 4 deg C	ENTA05	N31	06/04/2025	8270E

Date/Time 6/6/25 8:30
Raw Sample Received by: RJ (EX Lab)
Raw Sample Relinquished by: CJL

Date/Time 6/6/25 9:15
Raw Sample Received by: CJL
Raw Sample Relinquished by: RJ (EX Lab)



SHIPPING DOCUMENTS

CLIENT INFORMATION

COMPANY: Gen Environmental
ADDRESS: 8 CARRAGE lane
CITY: Shrewsbury STATE: NJ ZIP: 07876
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Power
PROJECT NO.: LOCATION: NJ
PROJECT MANAGER: GV
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Gen Environmental PO#:
ADDRESS: 8 CARRAGE
CITY: Shrewsbury STATE: NJ ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) Standard DAYS*
HARDCOPY (DATA PACKAGE): 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 excel
☒ EDD FORMAT NJ DEP spec

1 2 3 4 5 6 7 8 9

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	<u>P01W</u>	<u>GW</u>			<u>6/4/25</u>	<u>1100</u>	<u>4</u>	<u>X</u>	<u>X</u>	<u>X</u>							
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>JK</u>	DATE/TIME:	RECEIVED BY: 1. <u>CS</u> <u>6/4/25</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.4</u> °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	Comments:
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	Page ____ of CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2209	GENV01	Order Date : 6/4/2025 1:52:00 PM	Project Mgr :
Client Name : G Environmental		Project Name : Power	Report Type : Level 1 NJ Reduce
Client Contact : Gary Landis		Receive DateTime : 6/4/2025 1:10:00 PM	EDD Type : HAZ/EXCEL
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
Q2209-01	P01W	Water	06/04/2025	11:00	VOCMS Group1		8260-Low		10 Bus. Days

Relinquished By : CL

Date / Time : 6/4/25 1435

Received By : Samy

Date / Time : 06/04/25 14:35

Storage Area : VOA Refridgerator Room