

Cover Page

Order ID : Q2837

Project ID : 540 Degraw St, Brooklyn, NY - E9309

Client : ENTACT

Lab Sample Number

Q2837-01

Client Sample Number

TW-WTS-13

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

Signature : _____

Date: 8/20/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2837

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: KETAN PATEL

Date: 08/20/2025

LAB CHRONICLE

OrderID:	Q2837	OrderDate:	8/12/2025 1:00:00 PM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Austin Farmerie	Location:	J23,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2837-01	TW-WTS-13	Water	SVOCMS Group4	8270E	08/12/25	08/12/25	08/18/25	08/12/25



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Hit Summary Sheet
SW-846

SDG No.: Q2837
Client: ENTACT

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	TW-WTS-13							
Q2837-01	TW-WTS-13	WATER	Naphthalene	9.100		0.51	5.1	ug/L
			Total Svoc :			9.10		
			Total Concentration:			9.10		



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q2837

Client: ENTACT

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB169230BL	PB169230BL	2-Fluorophenol	150	124	83		15 (23)	110 (138)
		Phenol-d6	150	118	79		15 (10)	110 (134)
		Nitrobenzene-d5	100	77.2	77		30 (67)	130 (132)
		2-Fluorobiphenyl	100	77.3	77		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	128	85		15 (44)	110 (137)
		Terphenyl-d14	100	74.2	74		30 (42)	130 (152)
PB169230BS	PB169230BS	2-Fluorophenol	150	113	75		15 (23)	110 (138)
		Phenol-d6	150	110	74		15 (10)	110 (134)
		Nitrobenzene-d5	100	69.6	70		30 (67)	130 (132)
		2-Fluorobiphenyl	100	68.6	69		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	111	74		15 (44)	110 (137)
		Terphenyl-d14	100	65.8	66		30 (42)	130 (152)
PB169230BSD	PB169230BSD	2-Fluorophenol	150	124	83		15 (23)	110 (138)
		Phenol-d6	150	123	82		15 (10)	110 (134)
		Nitrobenzene-d5	100	77.4	77		30 (67)	130 (132)
		2-Fluorobiphenyl	100	76.8	77		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	125	83		15 (44)	110 (137)
		Terphenyl-d14	100	77.3	77		30 (42)	130 (152)
Q2837-01	TW-WTS-13	2-Fluorophenol	150	65.8	44		15 (23)	110 (138)
		Phenol-d6	150	40.5	27		15 (10)	110 (134)
		Nitrobenzene-d5	100	93.4	93		30 (67)	130 (132)
		2-Fluorobiphenyl	100	91.3	91		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	127	85		15 (44)	110 (137)
		Terphenyl-d14	100	69.9	70		30 (42)	130 (152)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2837

Analytical Method: 8270E

Client: ENTACT

DataFile: BP025424.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB169230BS	Phenol	50	40.4	ug/L	81				20 (66)	160 (118)	
	1,4-Dichlorobenzene	50	37.9	ug/L	76				70 (76)	130 (103)	
	1,2,4-Trichlorobenzene	50	38.6	ug/L	77				70 (41)	130 (115)	
	Naphthalene	50	38.6	ug/L	77				70 (64)	130 (107)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2837

Analytical Method: 8270E

Client: ENTACT

DataFile: BP025425.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		
								Qual	Low	High	RPD
PB169230BSD	Phenol	50	44.9	ug/L	90	11			20 (66)	160 (118)	20 (20)
	1,4-Dichlorobenzene	50	41.7	ug/L	83	10			70 (76)	130 (103)	20 (20)
	1,2,4-Trichlorobenzene	50	42.7	ug/L	85	10			70 (41)	130 (115)	20 (20)
	Naphthalene	50	43.1	ug/L	86	11			70 (64)	130 (107)	20 (20)

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169230BL

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE

SDG NO.: Q2837

Lab File ID: BP025423.D

Lab Sample ID: PB169230BL

Instrument ID: BNA_P

Date Extracted: 08/12/2025

Matrix: (soil/water) Water

Date Analyzed: 08/15/2025

Level: (low/med) LOW

Time Analyzed: 11:17

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169230BS	PB169230BS	BP025424.D	08/15/2025
PB169230BSD	PB169230BSD	BP025425.D	08/15/2025
TW-WTS-13	Q2837-01	BF143436.D	08/18/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: AllianceContract: ENTA05Lab Code: ACESDG NO.: Q2837Lab File ID: BF143415.DDFTPP Injection Date: 08/15/2025Instrument ID: BNA_FDFTPP Injection Time: 13:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	26.5
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.4
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF143416.D	08/15/2025	14:29
SSTDICC005	SSTDICC005	BF143417.D	08/15/2025	14:58
SSTDICC010	SSTDICC010	BF143418.D	08/15/2025	15:28
SSTDICC020	SSTDICC020	BF143419.D	08/15/2025	15:58
SSTDICCC040	SSTDICCC040	BF143420.D	08/15/2025	16:28
SSTDICC050	SSTDICC050	BF143421.D	08/15/2025	16:58
SSTDICC060	SSTDICC060	BF143422.D	08/15/2025	17:27
SSTDICC080	SSTDICC080	BF143423.D	08/15/2025	17:57



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143428.D
Instrument ID: BNA_F

Contract: ENTA05
SDG NO.: Q2837
DFTPP Injection Date: 08/18/2025
DFTPP Injection Time: 08:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (2) 1
69	Mass 69 relative abundance	24.2
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.8
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143429.D	08/18/2025	09:06
TW-WTS-13	Q2837-01	BF143436.D	08/18/2025	12:39



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

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

Contract: ENTA05
SDG NO.: Q2837
DFTPP Injection Date: 08/14/2025
DFTPP Injection Time: 10:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	23.1
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP025392.D	08/14/2025	12:33
SSTDICC005	SSTDICC005	BP025393.D	08/14/2025	13:15
SSTDICC010	SSTDICC010	BP025394.D	08/14/2025	13:56
SSTDICC020	SSTDICC020	BP025395.D	08/14/2025	14:38
SSTDICCC040	SSTDICCC040	BP025396.D	08/14/2025	15:19
SSTDICC050	SSTDICC050	BP025397.D	08/14/2025	16:01
SSTDICC060	SSTDICC060	BP025398.D	08/14/2025	16:42
SSTDICC080	SSTDICC080	BP025399.D	08/14/2025	17:24



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: AllianceContract: ENTA05Lab Code: ACESDG NO.: Q2837Lab File ID: BP025421.DDFTPP Injection Date: 08/15/2025Instrument ID: BNA_PDFTPP Injection Time: 09:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	28.2
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.9
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025422.D	08/15/2025	10:36
PB169230BL	PB169230BL	BP025423.D	08/15/2025	11:17
PB169230BS	PB169230BS	BP025424.D	08/15/2025	11:59
PB169230BSD	PB169230BSD	BP025425.D	08/15/2025	13:26

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2837

Client ID : SSTDCCC040

Date Analyzed: 08/18/2025

Lab File ID: BF143429.D

Time Analyzed: 09:06

Instrument ID: BNA_F

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	131653	6.928	514889	8.21	280712	9.96
UPPER LIMIT	263306	7.428	1029780	8.71	561424	10.463
LOWER LIMIT	65826.5	6.428	257445	7.71	140356	9.463
EPA SAMPLE NO.						
01 TW-WTS-13	96582	6.93	347528	8.20	176727	9.96

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2837

Client ID: SSTDCCC040

Date Analyzed: 08/18/2025

Lab File ID: BF143429.D

Time Analyzed: 09:06

Instrument ID: BNA_F

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	444924	11.445	223862	14.086	265880	15.574
UPPER LIMIT	889848	11.945	447724	14.586	531760	16.074
LOWER LIMIT	222462	10.945	111931	13.586	132940	15.074
EPA SAMPLE NO.						
01 TW-WTS-13	263021	11.45	240460	14.08	295102	15.57

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2837

Client ID : SSTDCCC040

Date Analyzed: 08/15/2025

Lab File ID: BP025422.D

Time Analyzed: 10:36

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	163210	7.79	699113	10.55	458301	14.41
UPPER LIMIT	326420	8.29	1398230	11.054	916602	14.907
LOWER LIMIT	81605	7.29	349557	10.054	229151	13.907
EPA SAMPLE NO.						
01 PB169230BL	154254	7.79	595195	10.56	376083	14.40
02 PB169230BS	169971	7.79	670319	10.56	424018	14.40
03 PB169230BSD	168072	7.78	666741	10.55	424927	14.40

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2837

Client ID: SSTDCCC040

Date Analyzed: 08/15/2025

Lab File ID: BP025422.D

Time Analyzed: 10:36

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	913689	17.201	958309	21.648	1096860	25.012
UPPER LIMIT	1827380	17.701	1916620	22.148	2193720	25.512
LOWER LIMIT	456845	16.701	479155	21.148	548430	24.512
EPA SAMPLE NO.						
01 PB169230BL	774408	17.20	884552	21.65	1011780	25.02
02 PB169230BS	812951	17.19	911094	21.64	1094190	25.02
03 PB169230BSD	837407	17.21	883409	21.65	1035260	25.01

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	08/12/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	08/12/25
Client Sample ID:	TW-WTS-13	SDG No.:	Q2837
Lab Sample ID:	Q2837-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group4
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143436.D	1	08/12/25 11:39	08/18/25 12:39	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	0.93	U	0.93	5.10	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	0.54	5.10	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.55	U	0.55	5.10	ug/L
91-20-3	Naphthalene	9.10		0.51	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	65.8		15 (23) - 110 (138)	44%	SPK: 150
13127-88-3	Phenol-d6	40.5		15 (10) - 110 (134)	27%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.4		30 (67) - 130 (132)	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.3		30 (52) - 130 (132)	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	127		15 (44) - 110 (137)	85%	SPK: 150
1718-51-0	Terphenyl-d14	69.9		30 (42) - 130 (152)	70%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	96600	6.928			
1146-65-2	Naphthalene-d8	348000	8.204			
15067-26-2	Acenaphthene-d10	177000	9.957			
1517-22-2	Phenanthrene-d10	263000	11.445			
1719-03-5	Chrysene-d12	240000	14.08			
1520-96-3	Perylene-d12	295000	15.574			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
 Data File : BF143436.D
 Acq On : 18 Aug 2025 12:39
 Operator : RC/JU
 Sample : Q2837-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-WTS-13

Quant Time: Aug 18 13:09:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 2025
 Response via : Initial Calibration

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

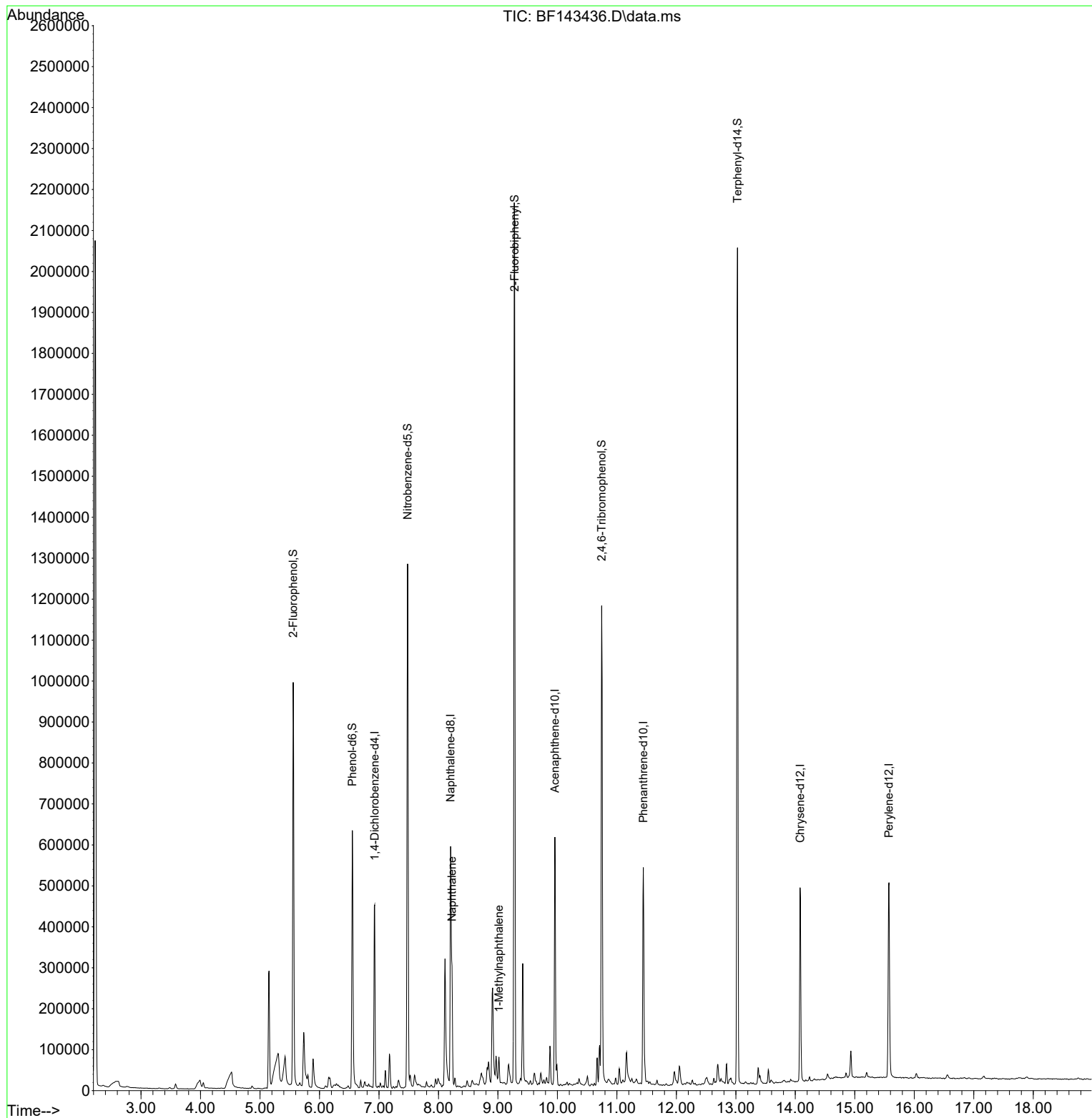
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	96582	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	347528	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	176727	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	263021	20.000	ng	0.00
76) Chrysene-d12	14.080	240	240460	20.000	ng	0.00
86) Perylene-d12	15.574	264	295102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	365560	65.795	ng	0.00
7) Phenol-d6	6.551	99	283756	40.526	ng	0.00
23) Nitrobenzene-d5	7.481	82	546788	93.362	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	199509	126.833	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	958860	91.259	ng	0.00
79) Terphenyl-d14	13.027	244	1001199	69.944	ng	0.00
Target Compounds						
31) Naphthalene	8.228	128	146711	8.892	ng	99
38) 1-Methylnaphthalene	9.016	142	22588	2.120	ng	98

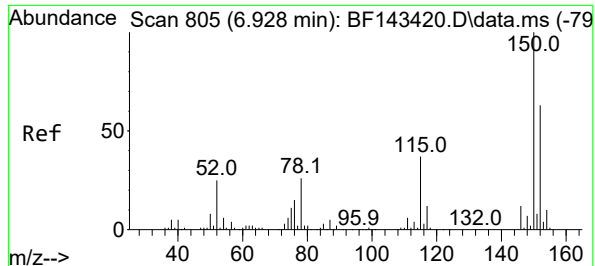
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143436.D
Acq On : 18 Aug 2025 12:39
Operator : RC/JU
Sample : Q2837-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-13

Quant Time: Aug 18 13:09:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

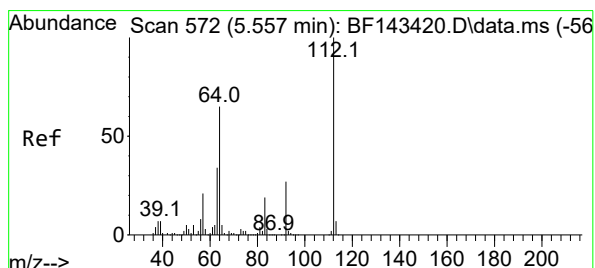
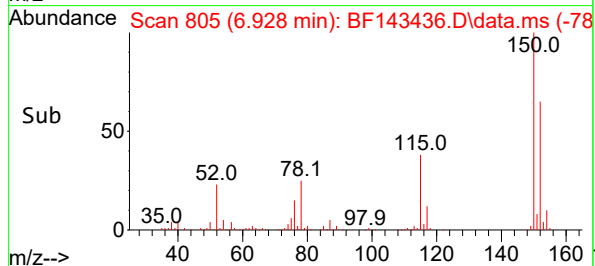
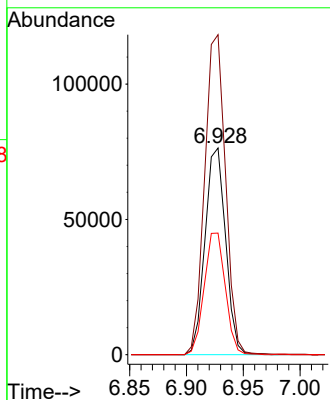
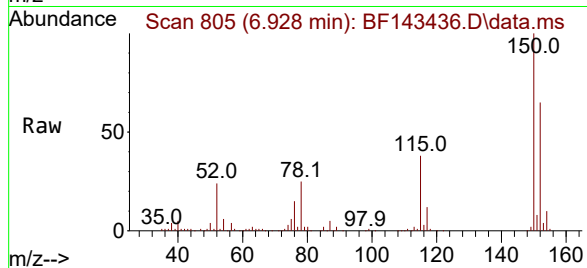




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143436.D
Acq: 18 Aug 2025 12:39

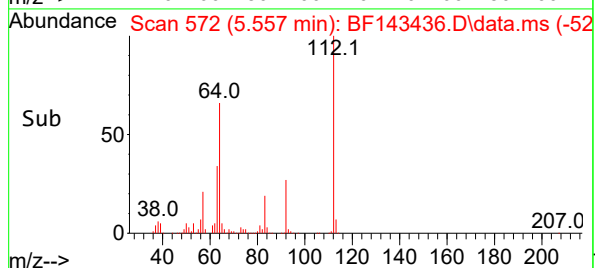
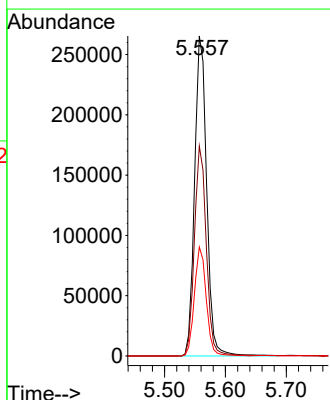
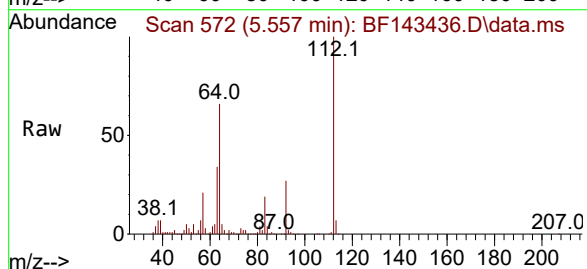
Instrument :
BNA_F
ClientSampleId :
TW-WTS-13

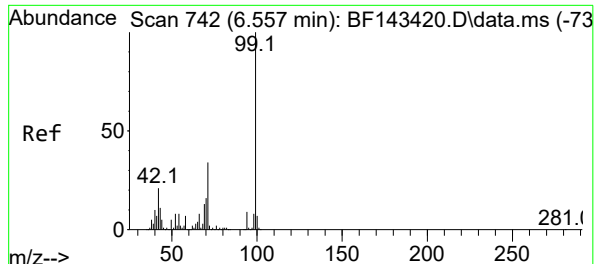
Tgt Ion:152 Resp: 96582
Ion Ratio Lower Upper
152 100
150 154.8 127.4 191.2
115 58.8 47.5 71.3



#5
2-Fluorophenol
Concen: 65.795 ng
RT: 5.557 min Scan# 572
Delta R.T. -0.000 min
Lab File: BF143436.D
Acq: 18 Aug 2025 12:39

Tgt Ion:112 Resp: 365560
Ion Ratio Lower Upper
112 100
64 65.6 52.2 78.2
63 34.1 27.0 40.6





#7

Phenol-d6

Concen: 40.526 ng

RT: 6.551 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF143436.D

Acq: 18 Aug 2025 12:39

Instrument :

BNA_F

ClientSampleId :

TW-WTS-13

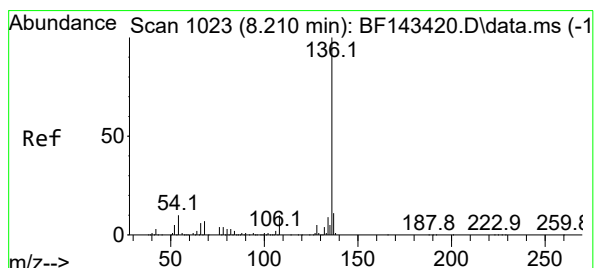
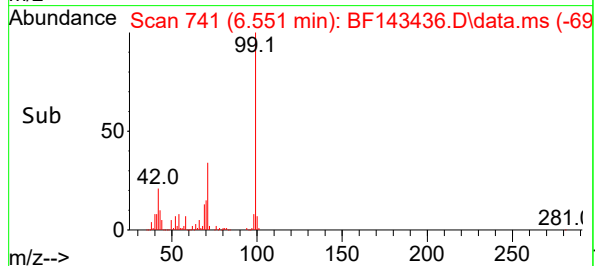
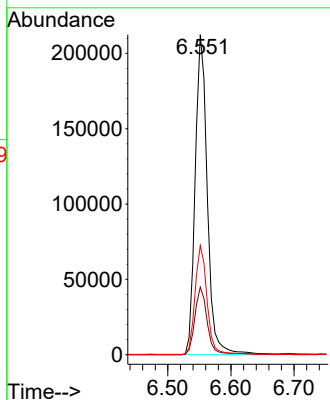
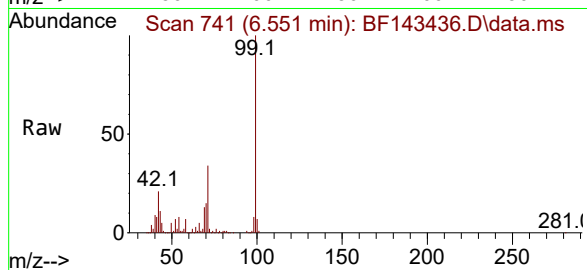
Tgt Ion: 99 Resp: 283756

Ion Ratio Lower Upper

99 100

42 21.1 17.0 25.6

71 34.1 27.4 41.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.204 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF143436.D

Acq: 18 Aug 2025 12:39

Tgt Ion: 136 Resp: 347528

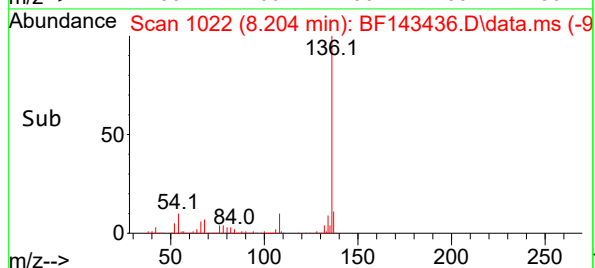
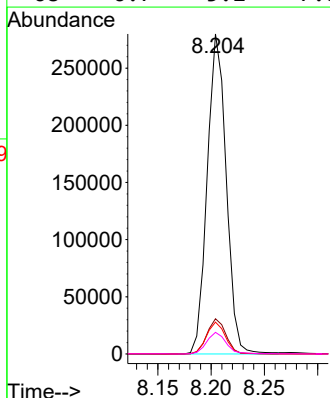
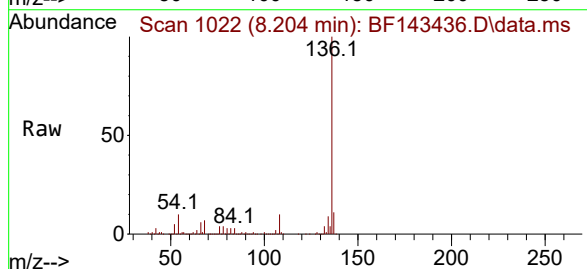
Ion Ratio Lower Upper

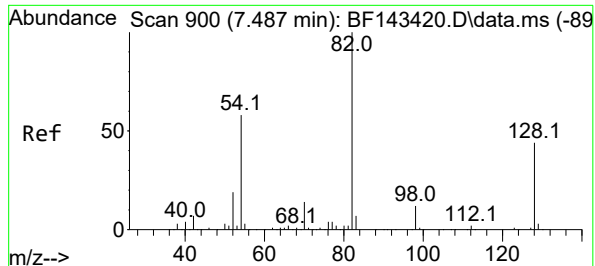
136 100

137 11.0 8.8 13.2

54 9.9 7.8 11.8

68 6.7 5.2 7.8





#23

Nitrobenzene-d5

Concen: 93.362 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF143436.D

Acq: 18 Aug 2025 12:39

Instrument :

BNA_F

ClientSampleId :

TW-WTS-13

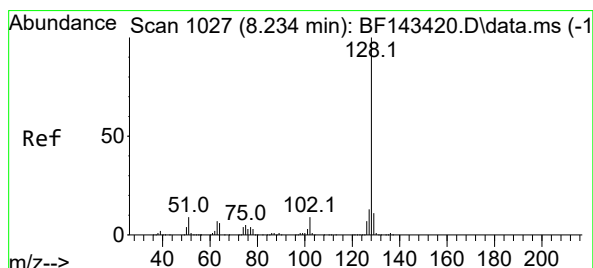
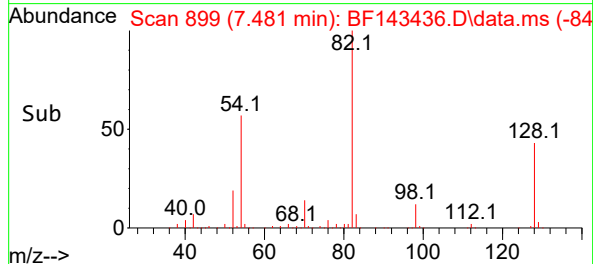
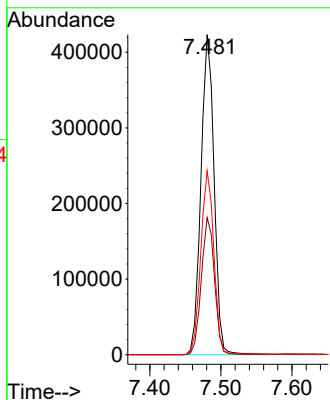
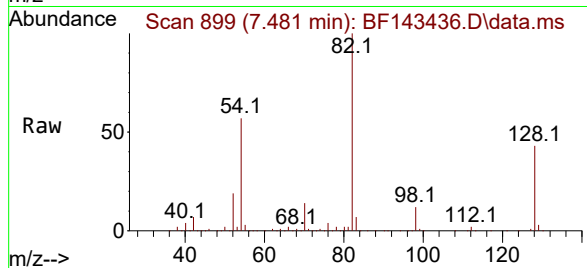
Tgt Ion: 82 Resp: 546788

Ion Ratio Lower Upper

82 100

128 42.8 34.6 52.0

54 57.5 46.0 69.0



#31

Naphthalene

Concen: 8.892 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF143436.D

Acq: 18 Aug 2025 12:39

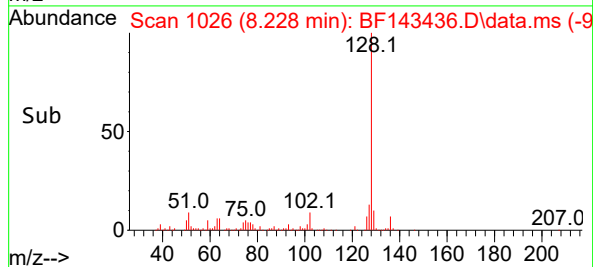
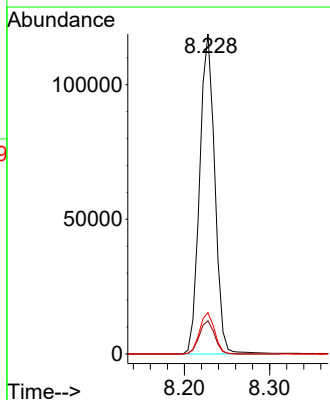
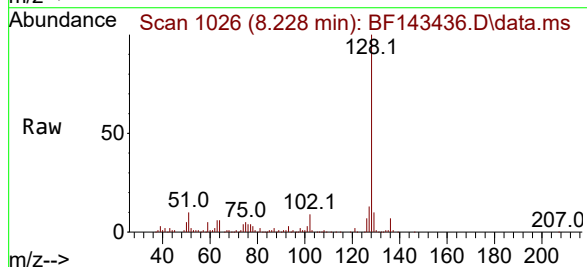
Tgt Ion:128 Resp: 146711

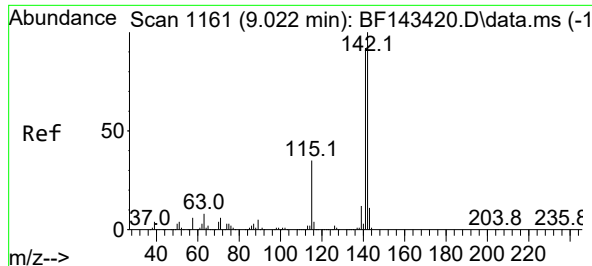
Ion Ratio Lower Upper

128 100

129 10.4 8.9 13.3

127 12.9 10.6 16.0





#38

1-Methylnaphthalene

Concen: 2.120 ng

RT: 9.016 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF143436.D

Acq: 18 Aug 2025 12:39

Instrument :

BNA_F

ClientSampleId :

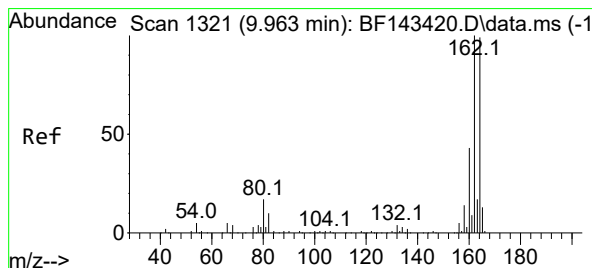
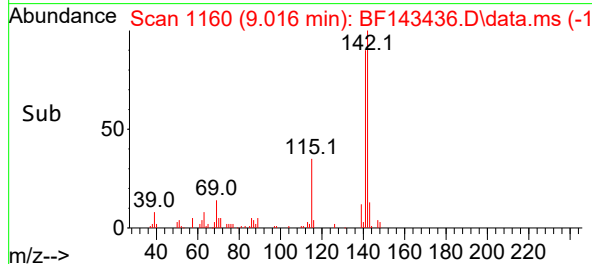
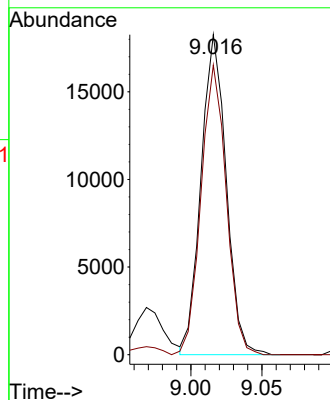
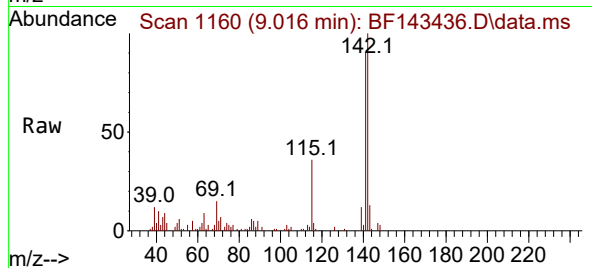
TW-WTS-13

Tgt Ion:142 Resp: 22588

Ion Ratio Lower Upper

142 100

141 90.5 73.8 110.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF143436.D

Acq: 18 Aug 2025 12:39

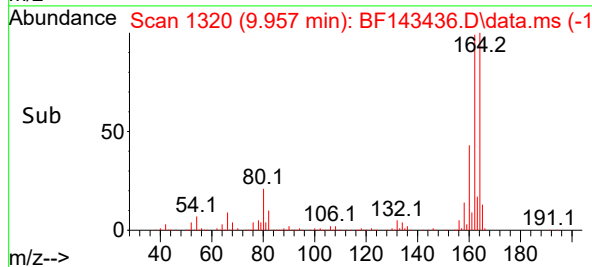
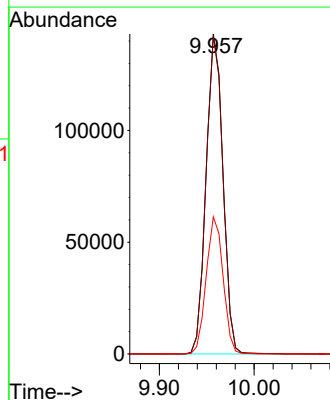
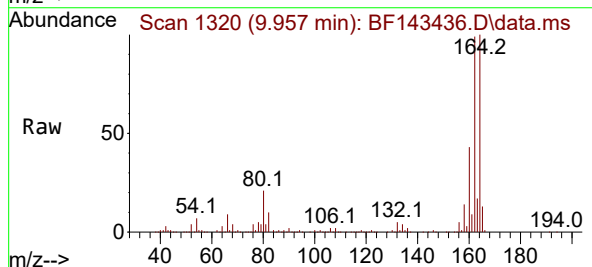
Tgt Ion:164 Resp: 176727

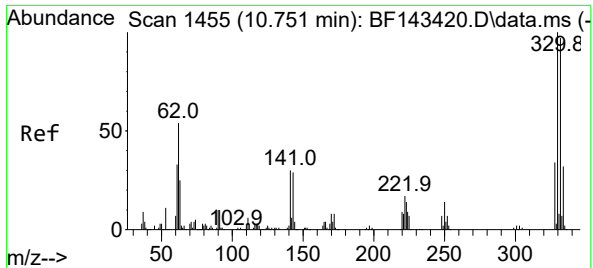
Ion Ratio Lower Upper

164 100

162 99.3 80.6 121.0

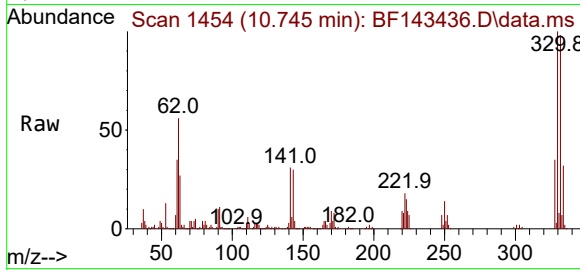
160 42.9 34.6 51.8



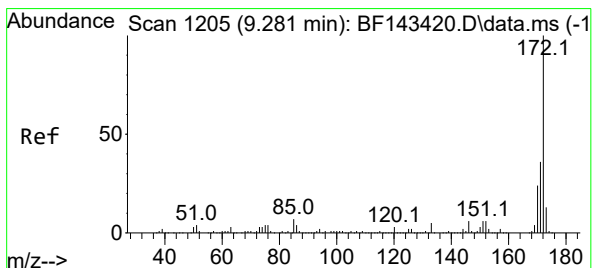
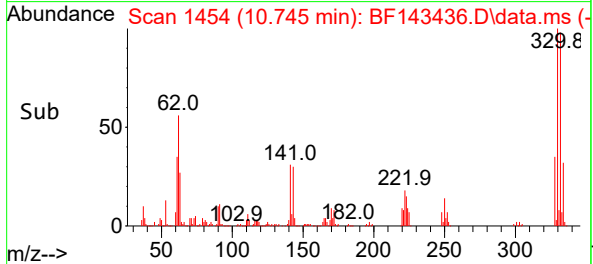
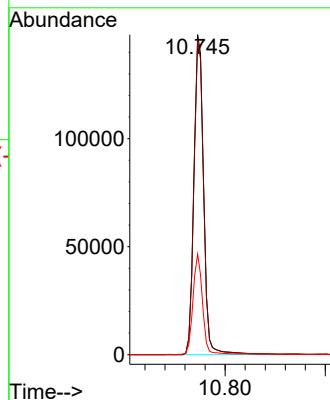


#42
2,4,6-Tribromophenol
Concen: 126.833 ng
RT: 10.745 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF143436.D
Acq: 18 Aug 2025 12:39

Instrument :
BNA_F
ClientSampleId :
TW-WTS-13

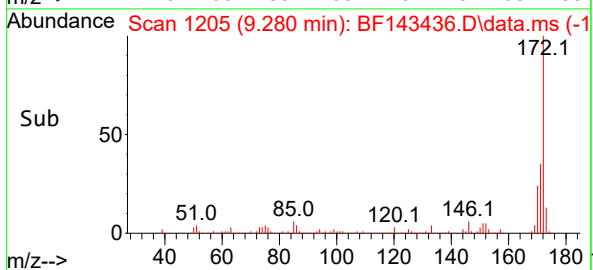
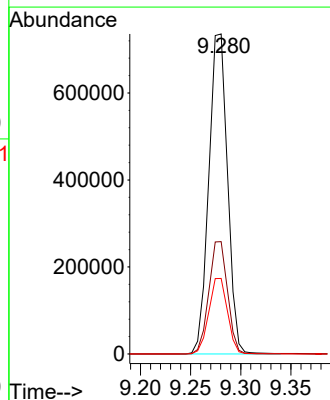
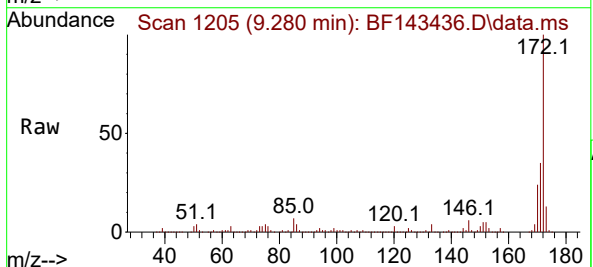


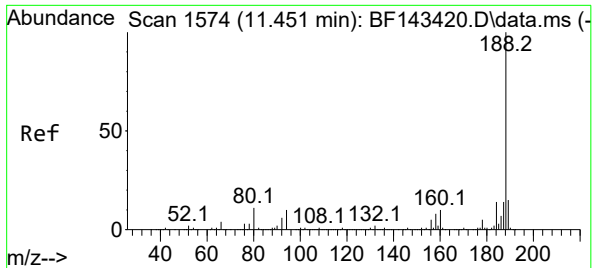
Tgt Ion:330 Resp: 199509
Ion Ratio Lower Upper
330 100
332 98.0 77.4 116.2
141 31.2 24.1 36.1



#45
2-Fluorobiphenyl
Concen: 91.259 ng
RT: 9.280 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF143436.D
Acq: 18 Aug 2025 12:39

Tgt Ion:172 Resp: 958860
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 23.6 19.0 28.6

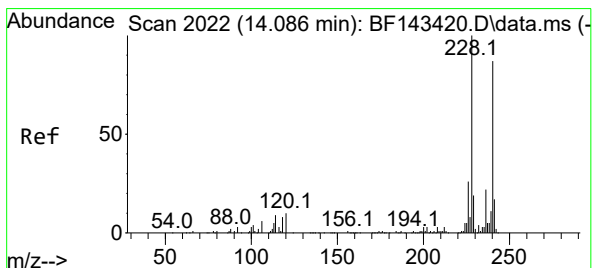
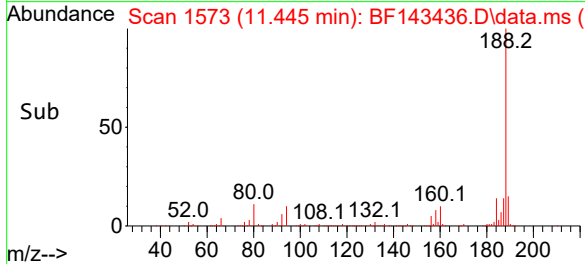
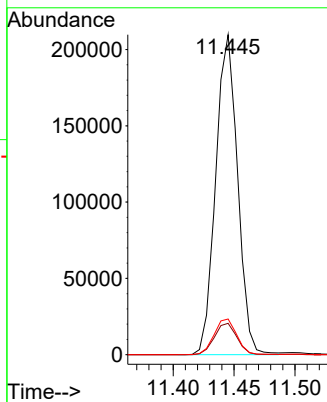
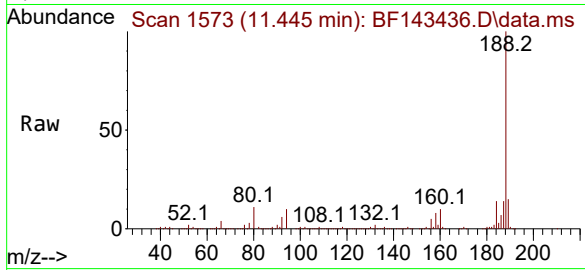




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143436.D
Acq: 18 Aug 2025 12:39

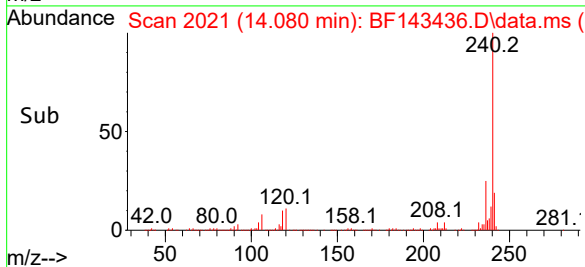
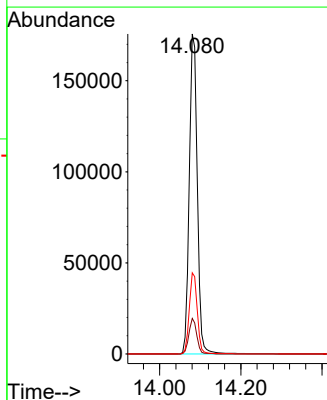
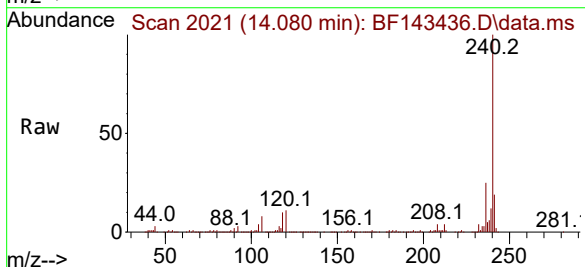
Instrument :
BNA_F
ClientSampleId :
TW-WTS-13

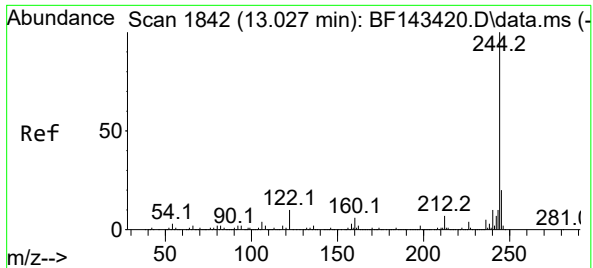
Tgt Ion:188 Resp: 263021
Ion Ratio Lower Upper
188 100
94 9.8 8.0 12.0
80 11.2 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF143436.D
Acq: 18 Aug 2025 12:39

Tgt Ion:240 Resp: 240460
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 25.4 20.2 30.2





#79

Terphenyl-d14

Concen: 69.944 ng

RT: 13.027 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF143436.D

Acq: 18 Aug 2025 12:39

Instrument :

BNA_F

ClientSampleId :

TW-WTS-13

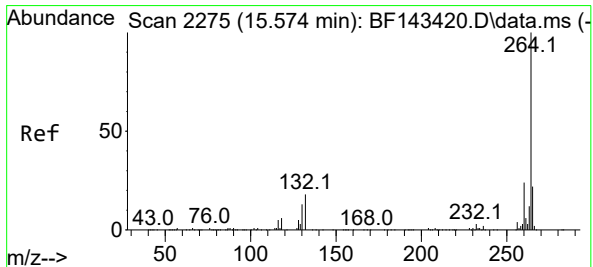
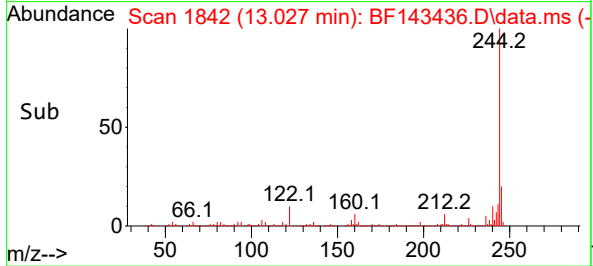
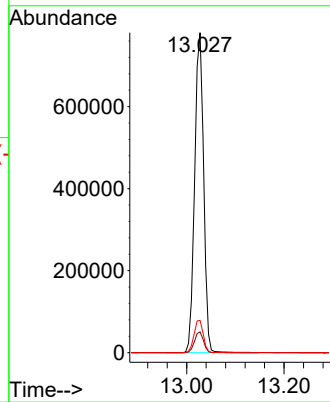
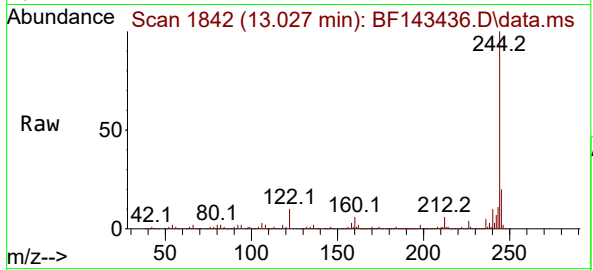
Tgt Ion:244 Resp: 1001199

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

122 10.1 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2275

Delta R.T. -0.000 min

Lab File: BF143436.D

Acq: 18 Aug 2025 12:39

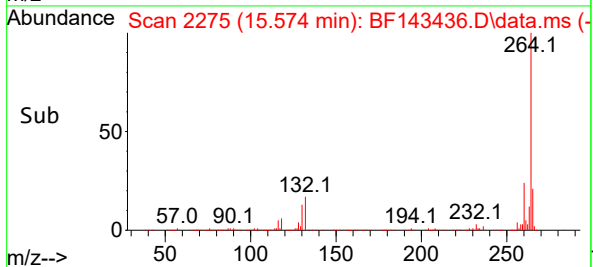
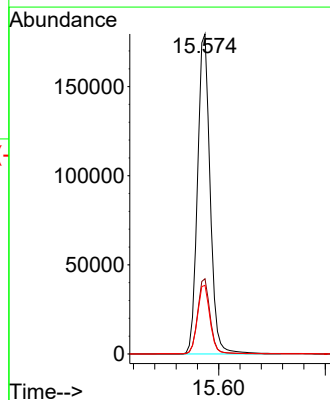
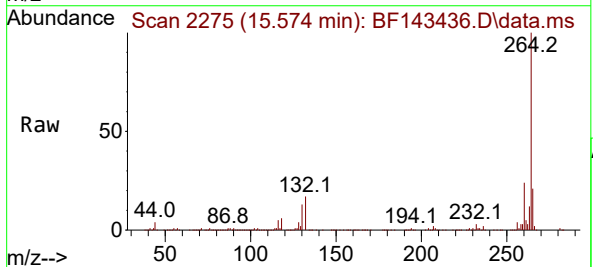
Tgt Ion:264 Resp: 295102

Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 21.4 17.4 26.0





CALIBRATION SUMMARY



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: ENTA05Lab Code: ACESDG No.: Q2837Instrument ID: BNA_FCalibration Date(s): 08/15/2025 08/15/2025Calibration Time(s): 14:29 17:57

LAB FILE ID:		RRF2.5 = BF143416.D			RRF005 = BF143417.D		RRF010 = BF143418.D	
		RRF020 = BF143419.D			RRF040 = BF143420.D		RRF050 = BF143421.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.192	1.169	1.228	1.147	1.101	1.151	4.6
Phenol-d6		1.573	1.494	1.536	1.414	1.383	1.450	5.9
Phenol		1.785	1.746	1.821	1.698	1.623	1.692	6.3
1,4-Dichlorobenzene		1.542	1.482	1.493	1.397	1.355	1.421	6.2
Nitrobenzene-d5		0.350	0.333	0.352	0.339	0.330	0.337	3.6
1,2,4-Trichlorobenzene		0.318	0.298	0.304	0.283	0.274	0.288	6.8
Naphthalene		1.067	0.987	1.013	0.941	0.891	0.950	8.4
2-Fluorobiphenyl		1.445	1.340	1.291	1.132	1.074	1.189	14.5
2,4,6-Tribromophenol		0.184	0.176	0.186	0.177	0.171	0.178	4.2
Terphenyl-d14		1.415	1.276	1.329	1.147	1.057	1.191	14.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF081525.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Aug 18 04:40:19 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF143416.D 5 =BF143417.D 10 =BF143418.D 20 =BF143419.D 40 =BF143420.D 50 =BF143421.D 60 =BF143422.D 80 =BF143423.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane		0.557	0.560	0.568	0.564	0.536	0.551	0.542	0.554	2.10
3)	Pyridine		1.356	1.375	1.488	1.487	1.463	1.515	1.484	1.453	4.25
4)	n-Nitrosodimet...			0.641	0.669	0.680	0.674	0.690	0.696	0.675	2.88
5) S	2-Fluorophenol		1.192	1.169	1.228	1.147	1.101	1.143	1.072	1.151	4.58
6)	Aniline		2.064	1.981	2.086	1.984	1.904	1.944	1.816	1.968	4.70
7) S	Phenol-d6		1.573	1.494	1.536	1.414	1.383	1.414	1.336	1.450	5.94
8)	2-Chlorophenol		1.322	1.290	1.348	1.252	1.210	1.258	1.212	1.270	4.14
9)	Benzaldehyde			1.043	1.069	0.734	0.637	0.640	0.504	0.771	30.13
10) C	Phenol		1.785	1.746	1.821	1.698	1.623	1.666	1.505	1.692	6.34
11)	bis(2-Chloroet...		1.326	1.264	1.308	1.236	1.207	1.234	1.205	1.254	3.78
12)	1,3-Dichlorobe...		1.565	1.479	1.502	1.395	1.333	1.385	1.301	1.423	6.72
13) C	1,4-Dichlorobe...		1.542	1.482	1.493	1.397	1.355	1.378	1.296	1.421	6.16
14)	1,2-Dichlorobe...		1.484	1.421	1.431	1.325	1.286	1.310	1.241	1.357	6.54
15)	Benzyl Alcohol			1.030	1.110	1.079	1.059	1.080	1.057	1.069	2.52
16)	2,2'-oxybis(1-...		2.414	2.259	2.291	2.096	2.014	2.066	1.869	2.144	8.70
17)	2-Methylphenol		1.104	1.036	1.080	1.025	0.989	1.035	0.985	1.036	4.22
18)	Hexachloroethane		0.514	0.484	0.513	0.478	0.461	0.478	0.456	0.484	4.69
19) P	n-Nitroso-di-n...	0.964	0.986	0.939	0.942	0.863	0.831	0.852	0.804	0.898	7.57
20)	3+4-Methylphenols			1.321	1.391	1.241	1.167	1.214	1.098	1.239	8.49
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone		0.501	0.459	0.462	0.419	0.395	0.406	0.369	0.430	10.66
23) S	Nitrobenzene-d5		0.350	0.333	0.352	0.339	0.330	0.339	0.317	0.337	3.56
24)	Nitrobenzene		0.359	0.347	0.372	0.357	0.345	0.354	0.332	0.352	3.63
25)	Isophorone		0.693	0.642	0.671	0.634	0.615	0.645	0.616	0.645	4.37
26) C	2-Nitrophenol		0.141	0.149	0.170	0.170	0.170	0.176	0.168	0.163	7.98
27)	2,4-Dimethylph...		0.296	0.286	0.301	0.270	0.262	0.269	0.249	0.276	6.80
28)	bis(2-Chloroet...		0.441	0.404	0.413	0.390	0.374	0.392	0.362	0.397	6.60
29) C	2,4-Dichloroph...		0.292	0.281	0.301	0.281	0.271	0.284	0.260	0.281	4.72
30)	1,2,4-Trichlor...		0.318	0.298	0.304	0.283	0.274	0.282	0.260	0.288	6.76
31)	Naphthalene		1.067	0.987	1.013	0.941	0.891	0.921	0.827	0.950	8.44
32)	Benzoic acid			0.114	0.141	0.143	0.146	0.157	0.161	0.144	11.66
33)	4-Chloroaniline		0.355	0.352	0.362	0.344	0.331	0.343	0.313	0.343	4.86
34) C	Hexachlorobuta...		0.200	0.185	0.192	0.184	0.174	0.182	0.170	0.184	5.50
35)	Caprolactam			0.077	0.084	0.080	0.080	0.087	0.078	0.081	4.78
36) C	4-Chloro-3-met...		0.308	0.290	0.301	0.288	0.282	0.294	0.266	0.290	4.74
37)	2-Methylnaphth...		0.737	0.678	0.687	0.625	0.592	0.616	0.544	0.640	10.16
38)	1-Methylnaphth...		0.704	0.650	0.662	0.597	0.572	0.584	0.524	0.613	10.04

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF081525.M

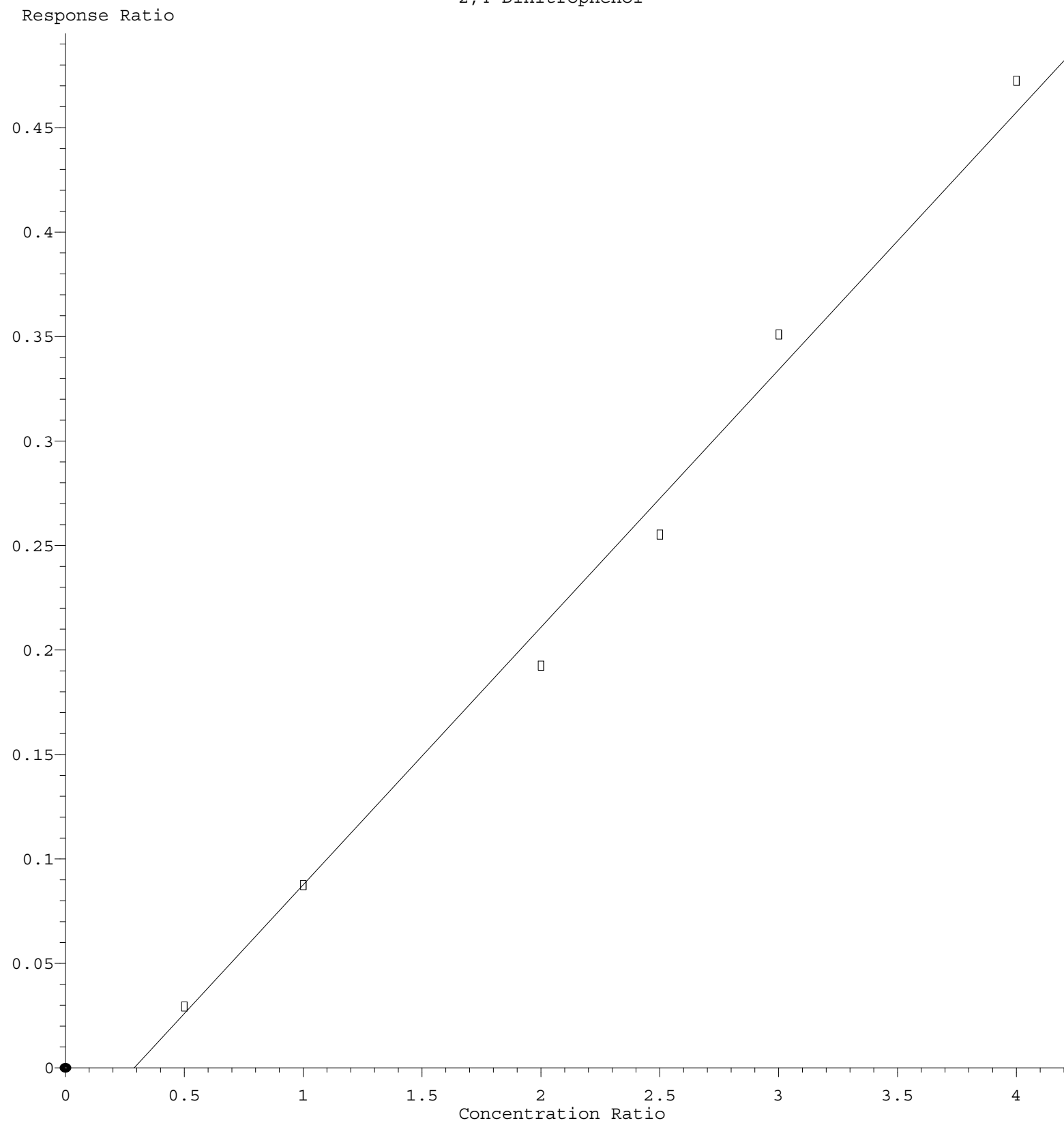
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.611	0.587	0.585	0.549	0.532	0.540	0.501	0.558	6.82	
41) P	Hexachlorocycl...	0.089	0.140	0.179	0.192	0.190	0.213	0.167	27.09		
42) S	2,4,6-Tribromo...	0.184	0.176	0.186	0.177	0.171	0.185	0.167	0.178	4.15	
43) C	2,4,6-Trichlor...	0.345	0.341	0.363	0.353	0.341	0.354	0.338	0.348	2.63	
44)	2,4,5-Trichlor...	0.378	0.358	0.395	0.378	0.370	0.377	0.355	0.373	3.64	
45) S	2-Fluorobiphenyl	1.445	1.340	1.291	1.132	1.074	1.082	0.960	1.189	14.52	
46)	1,1'-Biphenyl	1.568	1.524	1.502	1.375	1.316	1.331	1.221	1.405	9.12	
47)	2-Chloronaphth...	1.225	1.174	1.179	1.083	1.049	1.068	0.987	1.109	7.65	
48)	2-Nitroaniline	0.313	0.317	0.343	0.336	0.332	0.348	0.323	0.330	4.01	
49)	Acenaphthylene	1.765	1.680	1.705	1.573	1.519	1.555	1.415	1.602	7.56	
50)	Dimethylphthalate	1.371	1.293	1.305	1.210	1.179	1.239	1.132	1.247	6.57	
51)	2,6-Dinitrotol...	0.223	0.225	0.258	0.252	0.250	0.263	0.250	0.246	6.38	
52) C	Acenaphthene	1.202	1.126	1.143	1.043	1.019	1.057	0.950	1.077	7.92	
53)	3-Nitroaniline	0.254	0.261	0.283	0.283	0.274	0.293	0.268	0.274	4.96	
54) P	2,4-Dinitrophenol	0.059	0.087	0.096	0.102	0.117	0.118	0.097	22.78		
55)	Dibenzofuran	1.754	1.669	1.662	1.516	1.447	1.497	1.333	1.554	9.47	
56) P	4-Nitrophenol	0.131	0.170	0.179	0.178	0.196	0.179	0.172	12.64		
57)	2,4-Dinitrotol...	0.293	0.308	0.347	0.334	0.328	0.363	0.322	0.328	7.15	
58)	Fluorene	1.415	1.318	1.287	1.133	1.080	1.136	0.987	1.194	12.61	
59)	2,3,4,6-Tetrac...	0.260	0.265	0.293	0.297	0.283	0.307	0.270	0.282	6.22	
60)	Diethylphthalate	1.308	1.233	1.217	1.108	1.055	1.150	0.994	1.152	9.47	
61)	4-Chlorophenyl...	0.669	0.633	0.622	0.574	0.551	0.573	0.508	0.590	9.25	
62)	4-Nitroaniline	0.237	0.255	0.271	0.261	0.247	0.283	0.240	0.256	6.48	
63)	Azobenzene	1.301	1.211	1.229	1.137	1.094	1.158	1.023	1.165	7.89	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.073	0.096	0.107	0.107	0.117	0.118	0.103	16.32		
66) c	n-Nitrosodiphe...	0.707	0.667	0.676	0.645	0.624	0.623	0.609	0.650	5.40	
67)	4-Bromophenyl-...	0.248	0.234	0.243	0.236	0.232	0.231	0.230	0.236	2.92	
68)	Hexachlorobenzene	0.276	0.252	0.259	0.244	0.242	0.244	0.240	0.251	5.10	
69)	Atrazine	0.188	0.189	0.197	0.190	0.185	0.201	0.181	0.190	3.67	
70) C	Pentachlorophenol	0.077	0.106	0.114	0.117	0.123	0.125	0.110	15.80		
71)	Phenanthrene	1.238	1.155	1.132	1.060	1.008	1.034	0.955	1.083	8.96	
72)	Anthracene	1.236	1.159	1.166	1.065	1.024	1.045	0.962	1.094	8.76	
73)	Carbazole	1.044	0.995	0.976	0.895	0.849	0.910	0.807	0.925	9.10	
74)	Di-n-butylphth...	0.965	0.959	0.970	0.892	0.851	0.975	0.837	0.921	6.49	
75) C	Fluoranthene	1.128	1.083	1.026	0.893	0.844	0.955	0.807	0.962	12.67	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.637	0.749	0.567	0.492	0.541	0.597	16.71			
78)	Pyrene	1.958	1.822	1.950	1.698	1.596	1.805	1.339	1.738	12.55	
79) S	Terphenyl-d14	1.415	1.276	1.329	1.147	1.057	1.212	0.899	1.191	14.61	
80)	Butylbenzylphth...	0.352	0.372	0.446	0.459	0.450	0.487	0.448	0.431	11.36	
81)	Benzo(a)anthra...	1.312	1.276	1.318	1.254	1.212	1.330	1.211	1.273	3.89	
82)	3,3'-Dichlorob...	0.304	0.382	0.393	0.386	0.385	0.386	0.373	9.08		
83)	Chrysene	1.240	1.186	1.240	1.194	1.156	1.138	1.087	1.177	4.71	
84)	Bis(2-ethylhex...	0.500	0.492	0.624	0.668	0.685	0.649	0.662	0.611	13.23	
85) c	Di-n-octyl pht...	0.919	1.209	1.330	1.379	1.286	1.318	1.240	13.47		

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF081525.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.559	1.533	1.569	1.495	1.465	1.503	1.374	1.500	4.44
88)	Benzo(b)fluora...	1.147	1.002	1.158	1.090	1.030	1.042	1.036	1.072	5.66
89)	Benzo(k)fluora...	1.084	1.161	1.022	1.052	1.022	1.081	0.978	1.057	5.60
90) C	Benzo(a)pyrene	1.005	1.017	1.054	1.043	1.009	1.042	0.976	1.021	2.68
91)	Dibenzo(a,h)an...	1.227	1.253	1.275	1.203	1.169	1.209	1.095	1.204	4.92
92)	Benzo(g,h,i)pe...	1.236	1.219	1.257	1.207	1.179	1.214	1.111	1.203	3.94

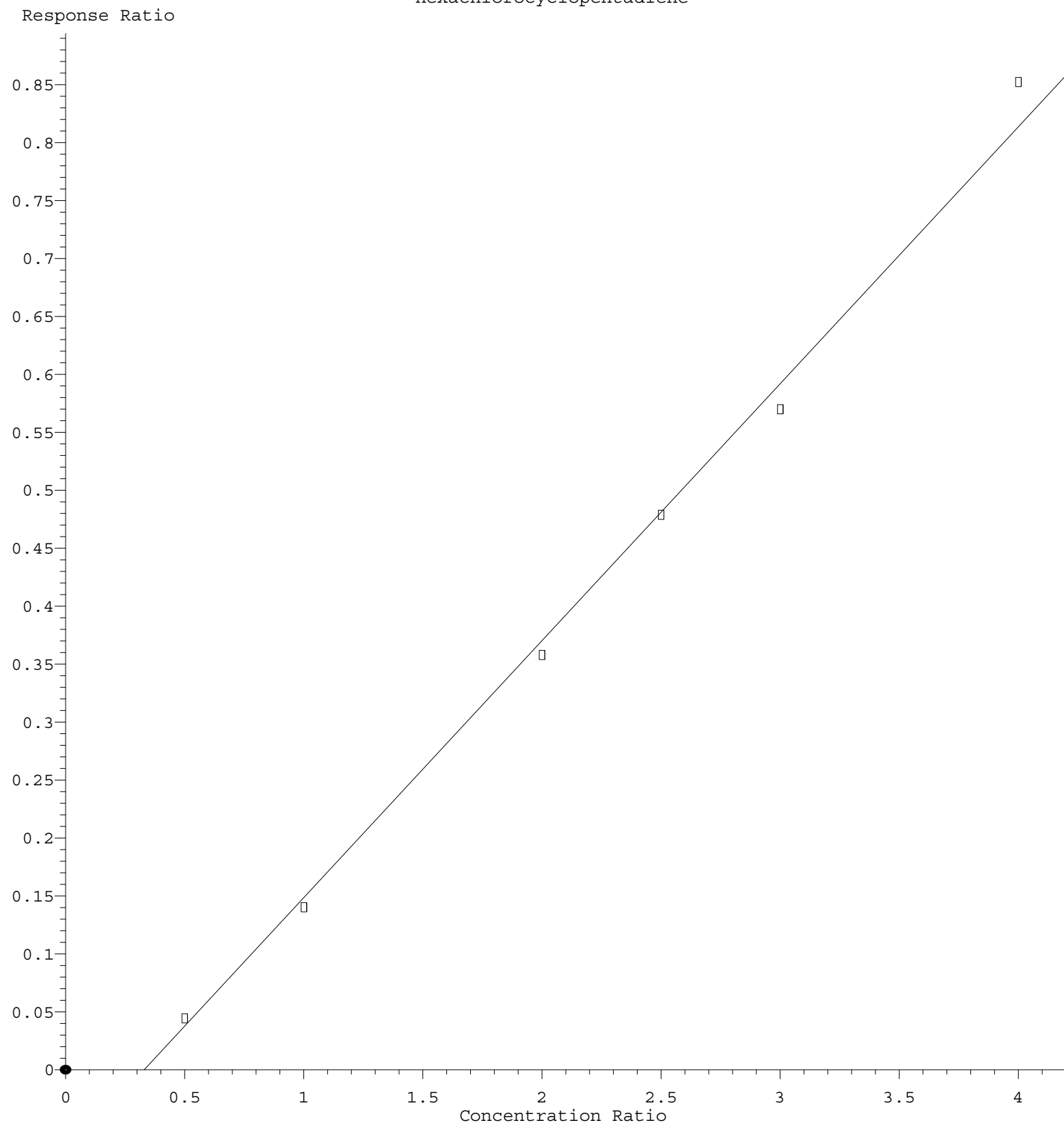
(#) = Out of Range

2,4-Dinitrophenol



Response = 1.232e-001 * Amt - 3.554e-002
 Coef of Det (r^2) = 0.993895 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081525.M
 Calibration Table Last Updated: Mon Aug 18 04:40:19 2025

Hexachlorocyclopentadiene



Response = $2.217 \times 10^{-1} \times \text{Amt} - 7.311 \times 10^{-2}$
Coef of Det (r^2) = 0.996859 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081525.M
Calibration Table Last Updated: Mon Aug 18 04:40:19 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143416.D
 Acq On : 15 Aug 2025 14:29
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Aug 15 18:24:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:23:08 2025
 Response via : Initial Calibration

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

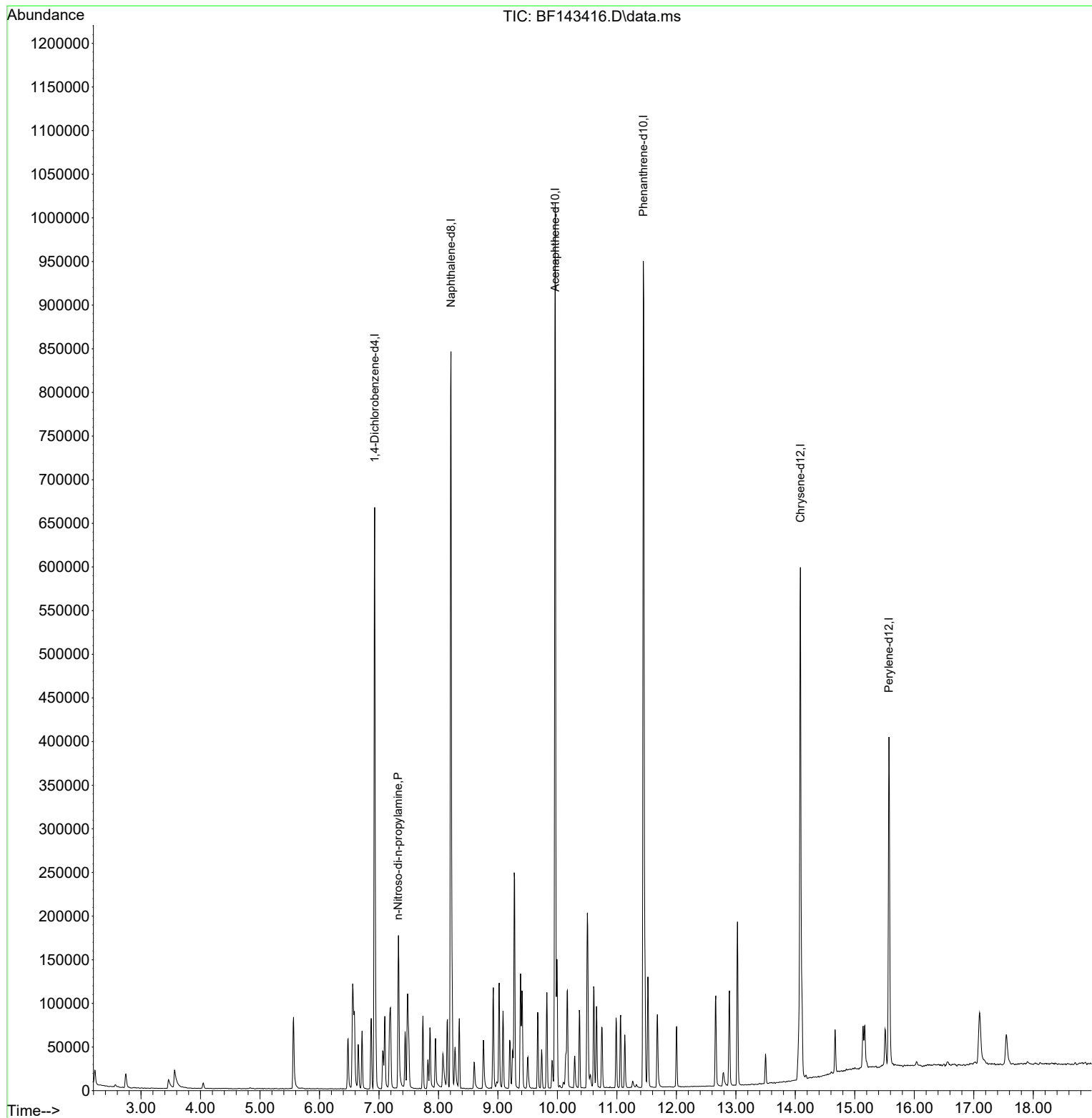
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	137517	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	527812	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	297167	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	489144	20.000	ng	0.00
76) Chrysene-d12	14.086	240	273482	20.000	ng	0.00
86) Perylene-d12	15.574	264	231757	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...	7.322	70	16577	2.686	ng	Qvalue 98

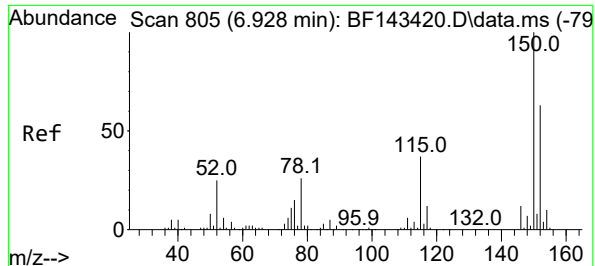
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143416.D
Acq On : 15 Aug 2025 14:29
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 15 18:24:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.928 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF143416.D

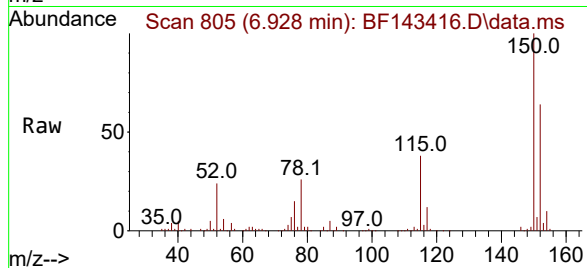
Acq: 15 Aug 2025 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



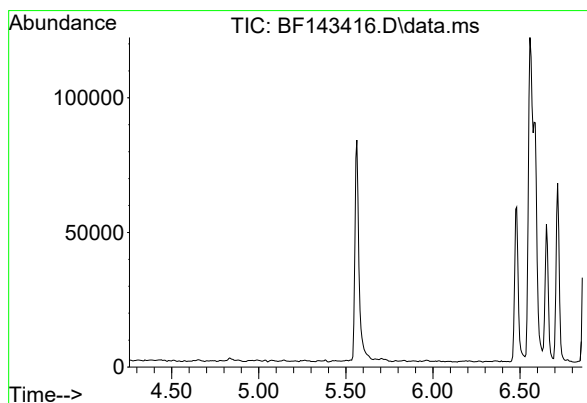
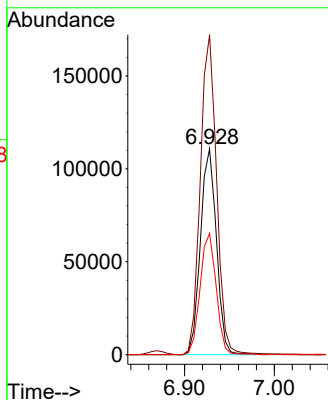
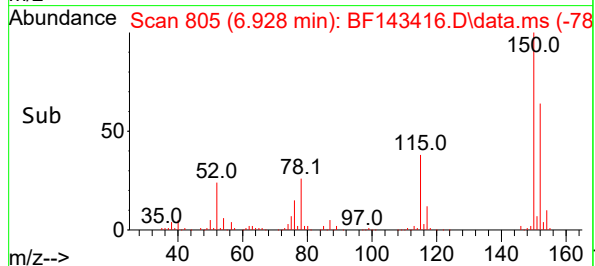
Tgt Ion:152 Resp: 137517

Ion Ratio Lower Upper

152 100

150 155.4 127.4 191.2

115 58.9 47.5 71.3



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.56 min

Lab File: BF143416.D

Acq: 15 Aug 2025 14:29

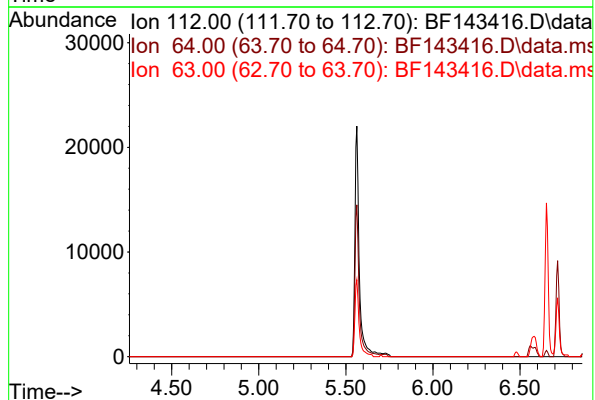
Tgt Ion: 112

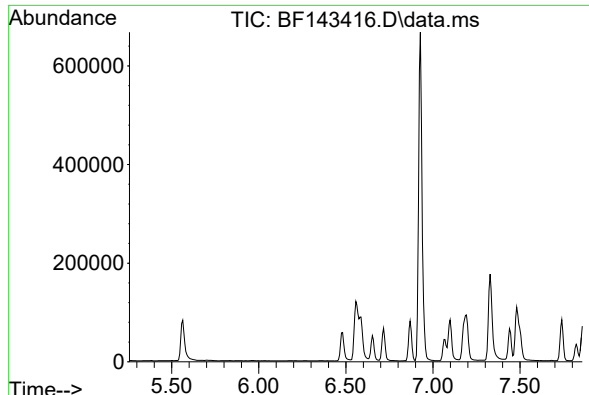
Sig Exp Ratio

112 100

64 65.2

63 33.8





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.56 min

Lab File: BF143416.D

Acq: 15 Aug 2025 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

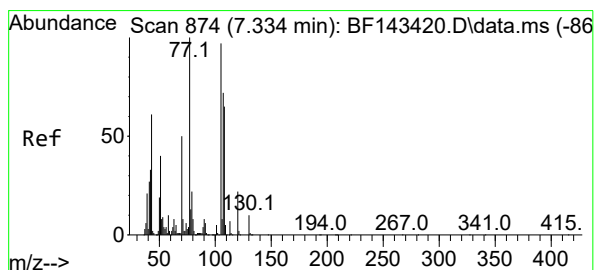
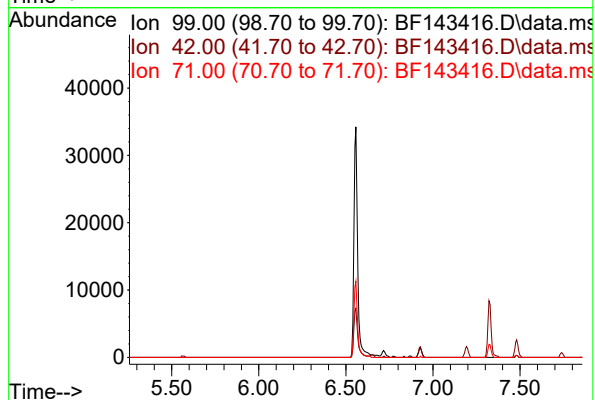
Tgt Ion: 99

Sig Exp Ratio

99 100

42 21.3

71 34.3



#19

n-Nitroso-di-n-propylamine

Concen: 2.686 ng

RT: 7.322 min Scan# 872

Delta R.T. -0.012 min

Lab File: BF143416.D

Acq: 15 Aug 2025 14:29

Tgt Ion: 70 Resp: 16577

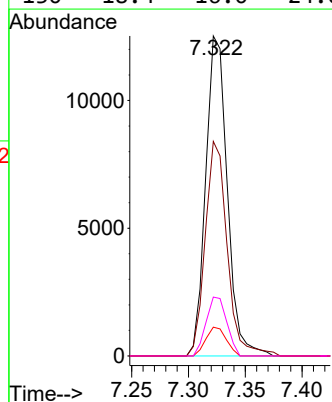
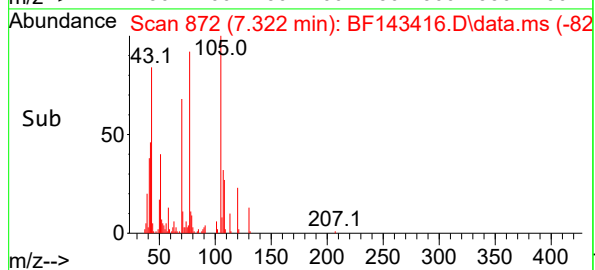
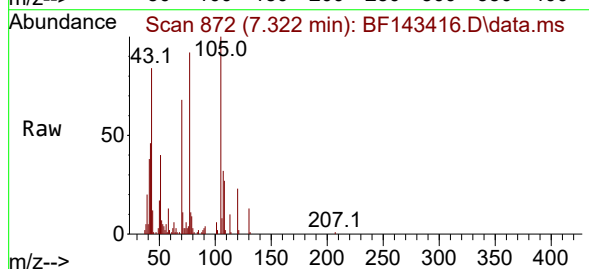
Ion Ratio Lower Upper

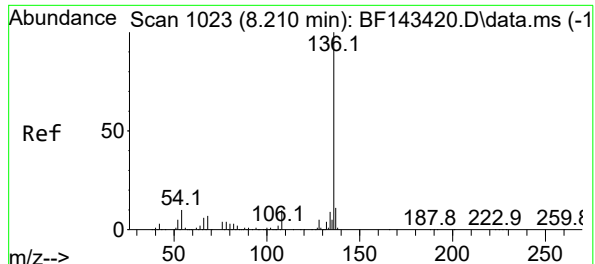
70 100

42 67.1 52.5 78.7

101 9.0 7.9 11.9

130 18.4 16.0 24.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF143416.D

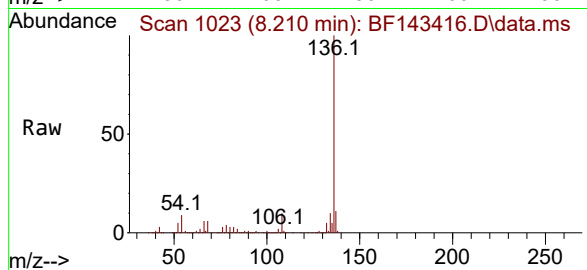
Acq: 15 Aug 2025 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 527812

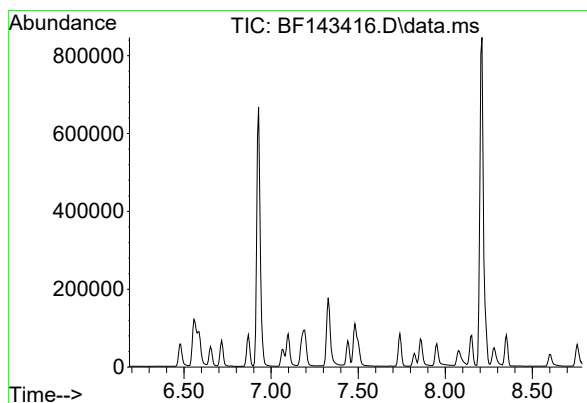
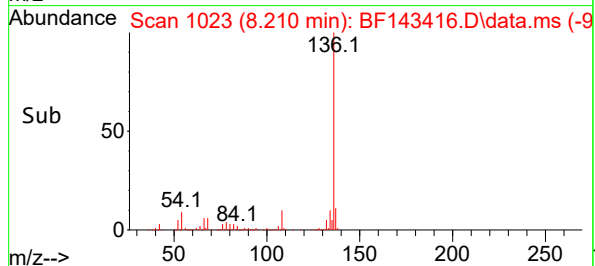
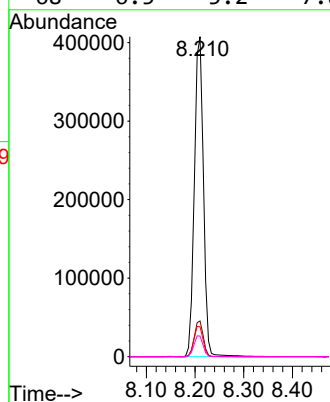
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.4 7.8 11.8

68 6.5 5.2 7.8



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.49 min

Lab File: BF143416.D

Acq: 15 Aug 2025 14:29

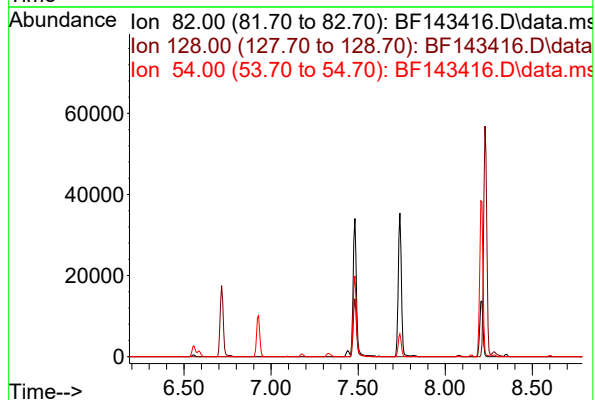
Tgt Ion: 82

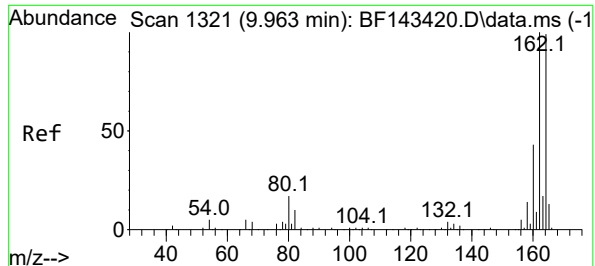
Sig Exp Ratio

82 100

128 43.3

54 57.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143416.D

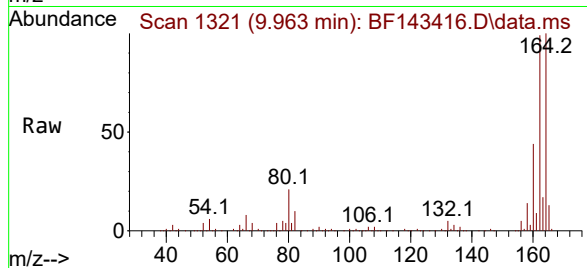
Acq: 15 Aug 2025 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



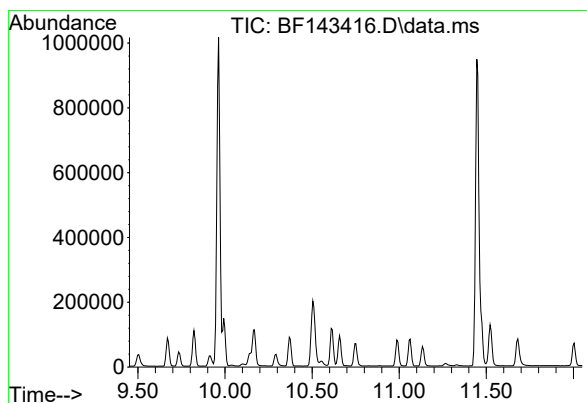
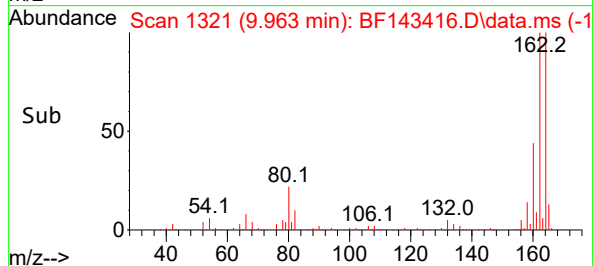
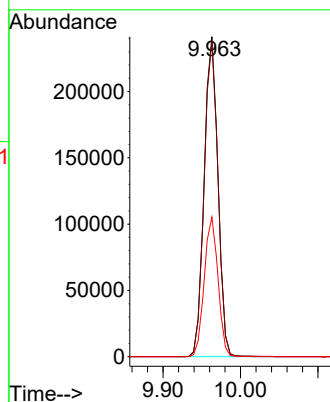
Tgt Ion:164 Resp: 297167

Ion Ratio Lower Upper

164 100

162 98.5 80.6 121.0

160 43.6 34.6 51.8



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.75 min

Lab File: BF143416.D

Acq: 15 Aug 2025 14:29

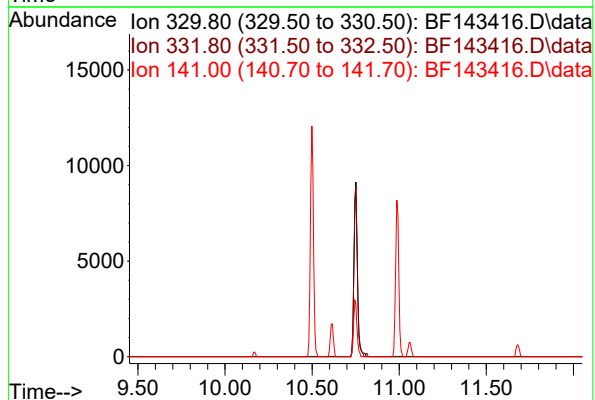
Tgt Ion: 330

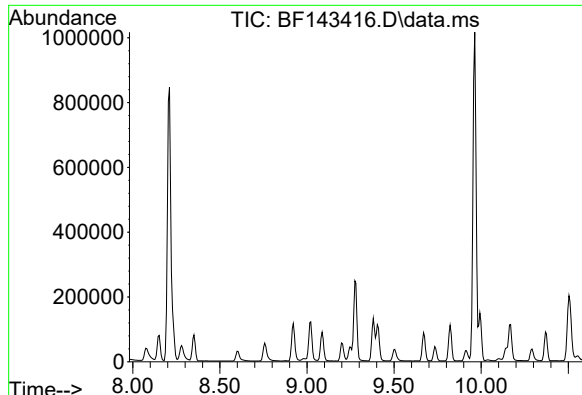
Sig Exp Ratio

330 100

332 96.8

141 30.1





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.28 min

Lab File: BF143416.D

Acq: 15 Aug 2025 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

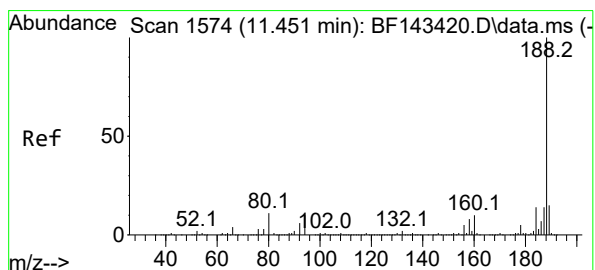
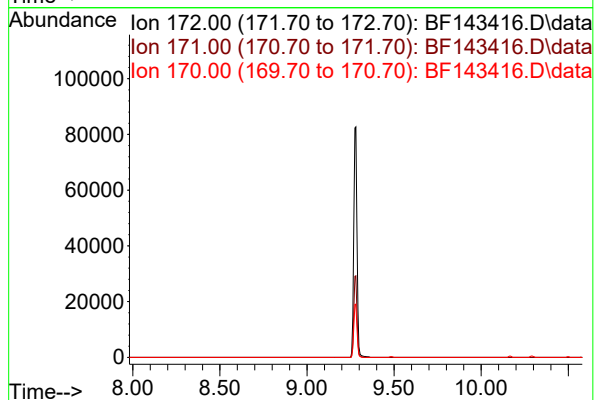
Tgt Ion: 172

Sig Exp Ratio

172 100

171 35.9

170 23.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.445 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF143416.D

Acq: 15 Aug 2025 14:29

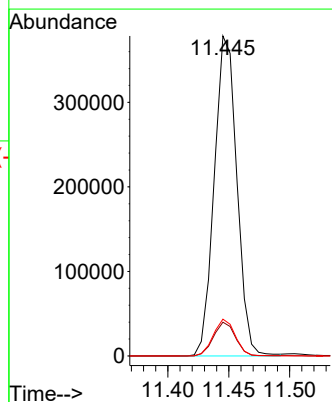
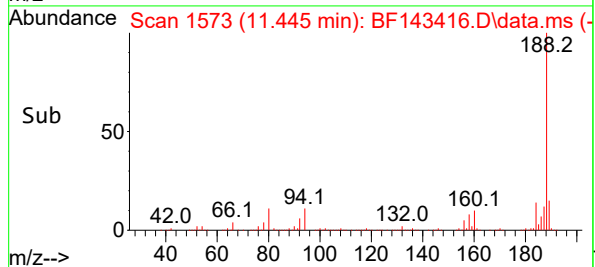
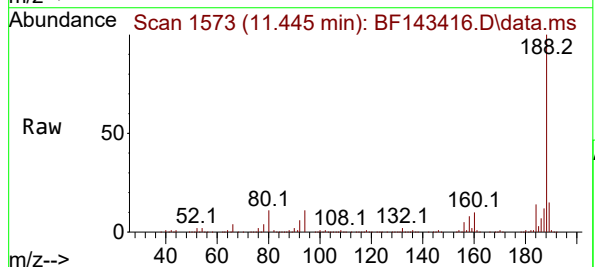
Tgt Ion:188 Resp: 489144

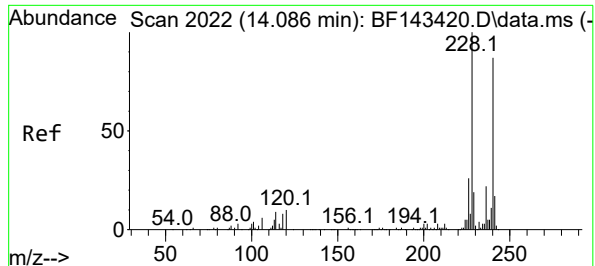
Ion Ratio Lower Upper

188 100

94 10.5 8.0 12.0

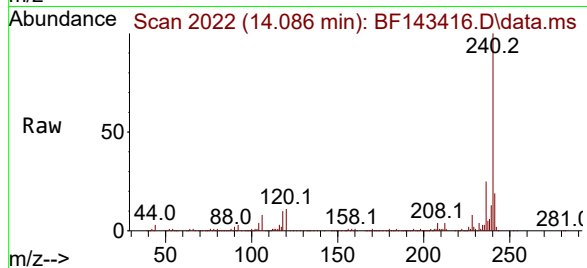
80 11.5 8.6 12.8



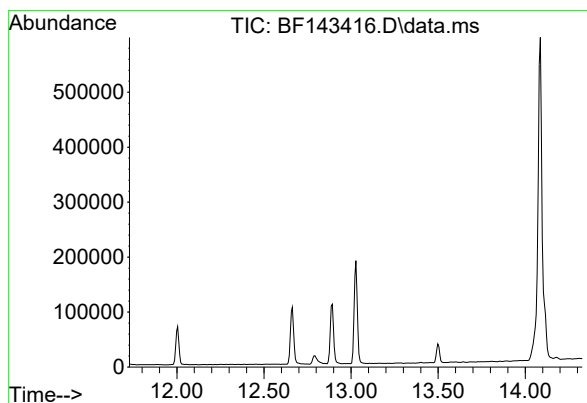
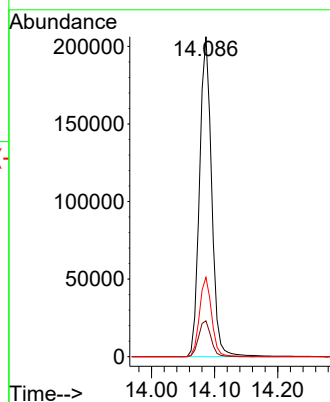
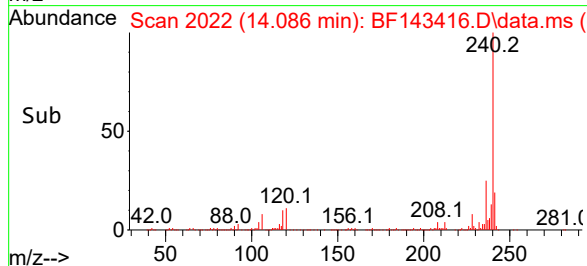


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF143416.D
Acq: 15 Aug 2025 14:29

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



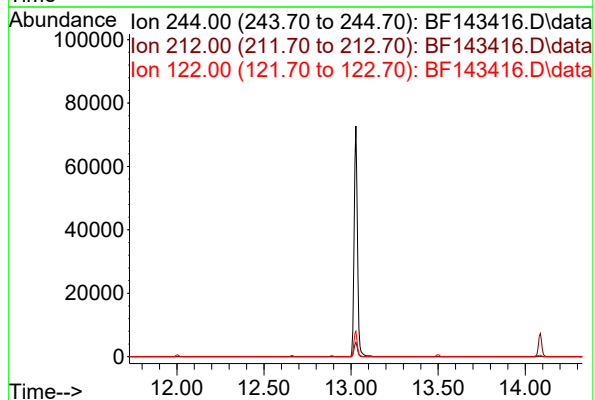
Tgt Ion:240 Resp: 273482
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.4
236 24.8 20.2 30.2



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

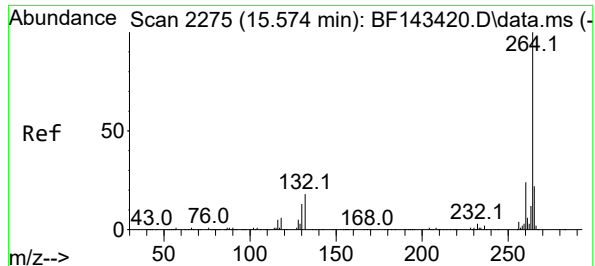
Lab File: BF143416.D
Acq: 15 Aug 2025 14:29

Tgt Ion: 244
Sig Exp Ratio
244 100
212 6.5
122 10.4



Ion 212.00 (211.70 to 212.70): BF143416.D\data

Ion 122.00 (121.70 to 122.70): BF143416.D\data



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143416.D

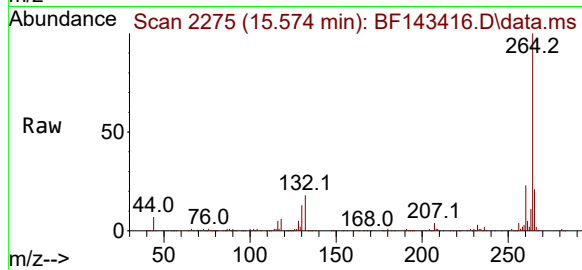
Acq: 15 Aug 2025 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



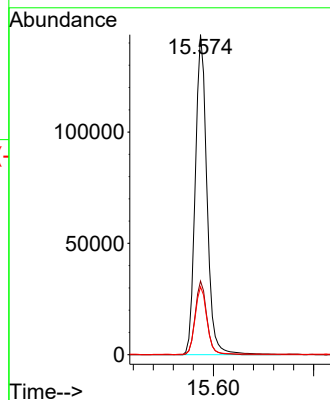
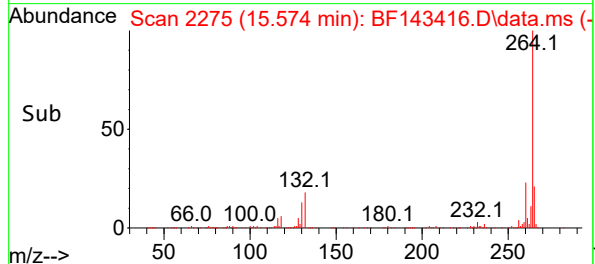
Tgt Ion:264 Resp: 231757

Ion Ratio Lower Upper

264 100

260 23.0 18.8 28.2

265 21.2 17.4 26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143417.D
 Acq On : 15 Aug 2025 14:58
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Aug 15 18:25:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:23:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	140697	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	547262	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	310490	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	510641	20.000	ng	0.00
76) Chrysene-d12	14.086	240	299111	20.000	ng	0.00
86) Perylene-d12	15.574	264	252550	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	83844	10.359	ng	0.00
7) Phenol-d6	6.551	99	110675	10.850	ng	0.00
23) Nitrobenzene-d5	7.481	82	95780	10.385	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	28555	10.333	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	224285	12.150	ng	0.00
79) Terphenyl-d14	13.027	244	211547	11.881	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	19576	5.025	ng	97
3) Pyridine	3.540	79	47684	4.667	ng	94
6) Aniline	6.587	93	72592	5.242	ng	96
8) 2-Chlorophenol	6.716	128	46500	5.204	ng	98
10) Phenol	6.569	94	62795	5.276	ng	92
11) bis(2-Chloroethyl)ether	6.651	93	46627	5.285	ng	99
12) 1,3-Dichlorobenzene	6.869	146	55041	5.499	ng	97
13) 1,4-Dichlorobenzene	6.945	146	54237	5.427	ng	99
14) 1,2-Dichlorobenzene	7.098	146	52181	5.467	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.192	45	84900	5.629	ng	98
17) 2-Methylphenol	7.175	107	38840	5.327	ng	99
18) Hexachloroethane	7.439	117	18063	5.310	ng	99
19) n-Nitroso-di-n-propyla...	7.322	70	34674	5.491	ng	97
22) Acetophenone	7.328	105	68582	5.829	ng	97
24) Nitrobenzene	7.498	77	49053	5.089	ng	98
25) Isophorone	7.739	82	94764	5.369	ng	100
26) 2-Nitrophenol	7.822	139	19259	4.310	ng	99
27) 2,4-Dimethylphenol	7.857	122	40460	5.355	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	60331	5.561	ng	100
29) 2,4-Dichlorophenol	8.069	162	39920	5.183	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	43443	5.505	ng	98
31) Naphthalene	8.228	128	145941	5.617	ng	100
33) 4-Chloroaniline	8.275	127	48574	5.179	ng	99
34) Hexachlorobutadiene	8.351	225	27343	5.434	ng	96
36) 4-Chloro-3-methylphenol	8.757	107	42152	5.314	ng	100
37) 2-Methylnaphthalene	8.922	142	100864	5.759	ng	97
38) 1-Methylnaphthalene	9.016	142	96256	5.737	ng	100
40) 1,2,4,5-Tetrachloroben...	9.086	216	47429	5.477	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	26801	4.962	ng	100
44) 2,4,5-Trichlorophenol	9.245	196	29354	5.070	ng	99
46) 1,1'-Biphenyl	9.381	154	121744	5.581	ng	99
47) 2-Chloronaphthalene	9.404	162	95062	5.520	ng	97
48) 2-Nitroaniline	9.498	65	24258	4.734	ng	95
49) Acenaphthylene	9.822	152	136971	5.509	ng	99
50) Dimethylphthalate	9.669	163	106442	5.499	ng	100
51) 2,6-Dinitrotoluene	9.733	165	17305	4.535	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143417.D
 Acq On : 15 Aug 2025 14:58
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

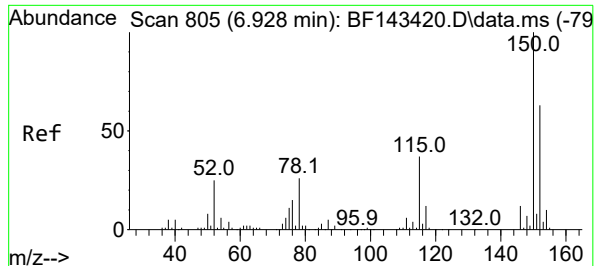
Quant Time: Aug 15 18:25:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:23:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	9.992	154	93335	5.581	ng	99
53) 3-Nitroaniline	9.910	138	19743	4.645	ng	98
55) Dibenzofuran	10.163	168	136138	5.643	ng	99
57) 2,4-Dinitrotoluene	10.139	165	22724	4.467	ng	92
58) Fluorene	10.510	166	109812	5.925	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	20210	4.611	ng	97
60) Diethylphthalate	10.369	149	101540	5.676	ng	100
61) 4-Chlorophenyl-phenyle...	10.498	204	51941	5.669	ng	98
62) 4-Nitroaniline	10.516	138	18371	4.621	ng	93
63) Azobenzene	10.657	77	100999	5.586	ng	99
66) n-Nitrosodiphenylamine	10.610	169	90311	5.439	ng	99
67) 4-Bromophenyl-phenylether	10.986	248	31653	5.249	ng	94
68) Hexachlorobenzene	11.057	284	35216	5.494	ng	95
69) Atrazine	11.133	200	24051	4.952	ng	99
71) Phenanthrene	11.469	178	157990	5.713	ng	99
72) Anthracene	11.522	178	157773	5.649	ng	99
73) Carbazole	11.674	167	133302	5.643	ng	99
74) Di-n-butylphthalate	12.004	149	123223	5.238	ng	100
75) Fluoranthene	12.657	202	144049	5.863	ng	99
78) Pyrene	12.886	202	146451	5.633	ng	99
80) Butylbenzylphthalate	13.498	149	26359	4.093	ng	99
81) Benzo(a)anthracene	14.074	228	98096	5.151	ng	98
83) Chrysene	14.110	228	92720	5.267	ng	98
84) Bis(2-ethylhexyl)phtha...	14.057	149	37419	4.092	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	98443	5.198	ng	98
88) Benzo(b)fluoranthene	15.133	252	72392	5.348	ng	99
89) Benzo(k)fluoranthene	15.162	252	68462	5.128	ng	99
90) Benzo(a)pyrene	15.510	252	63426	4.920	ng	98
91) Dibenzo(a,h)anthracene	17.098	278	77441	5.092	ng	97
92) Benzo(g,h,i)perylene	17.545	276	78027	5.136	ng	99

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

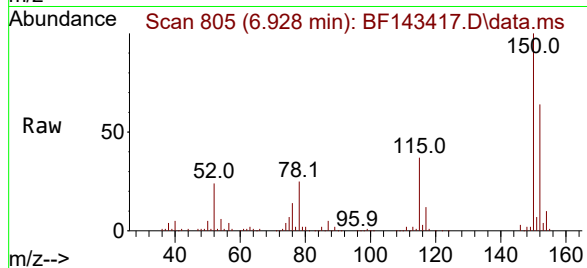
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

[illegible]

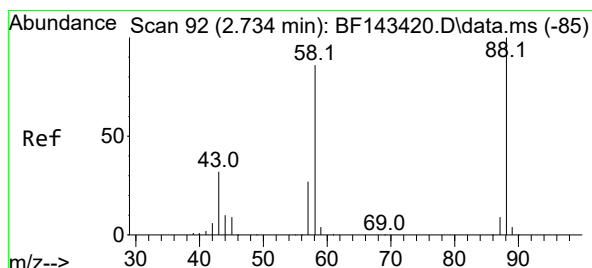
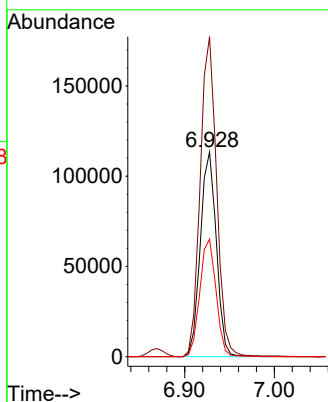
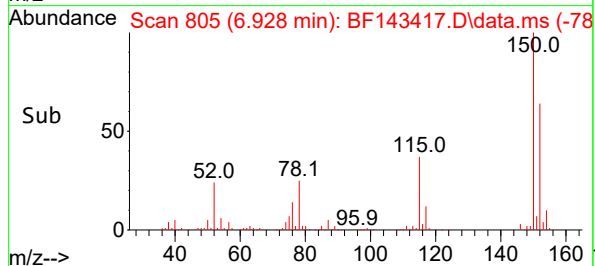


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

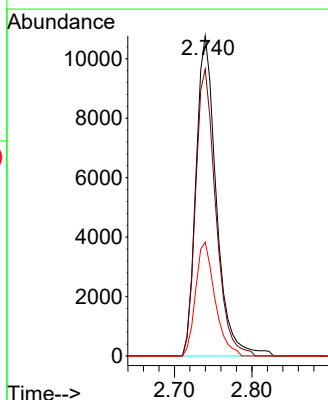
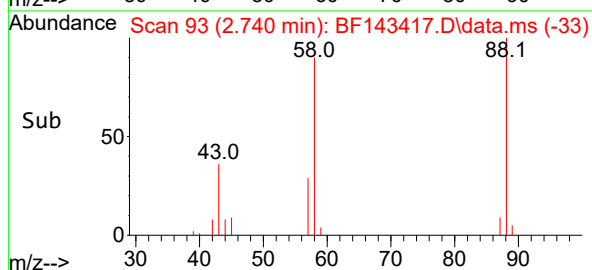
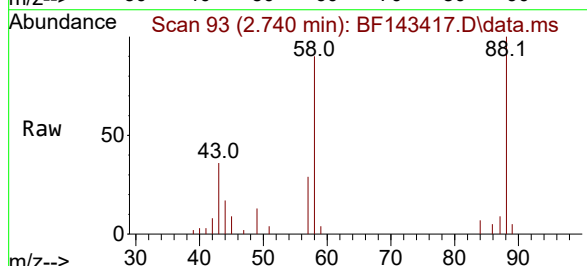


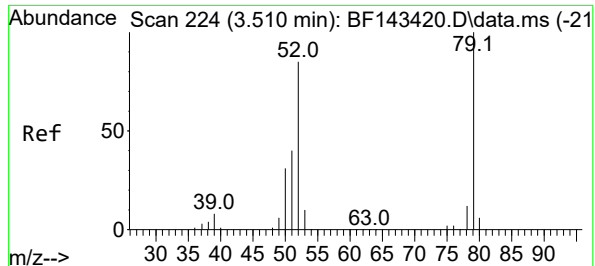
Tgt Ion:152 Resp: 140697
Ion Ratio Lower Upper
152 100
150 156.4 127.4 191.2
115 57.5 47.5 71.3



#2
1,4-Dioxane
Concen: 5.025 ng
RT: 2.740 min Scan# 93
Delta R.T. 0.006 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

Tgt Ion: 88 Resp: 19576
Ion Ratio Lower Upper
88 100
58 88.7 68.7 103.1
43 33.9 26.1 39.1





#3

Pyridine

Concen: 4.667 ng

RT: 3.540 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

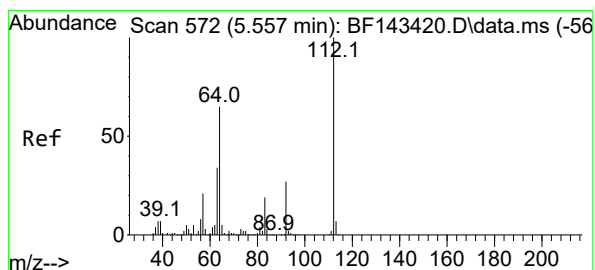
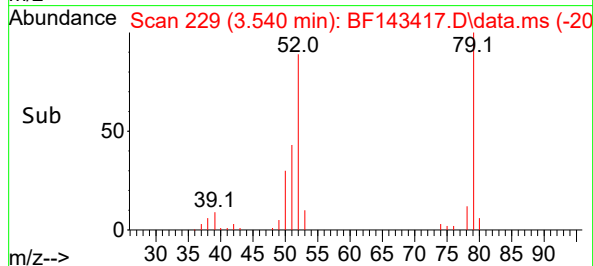
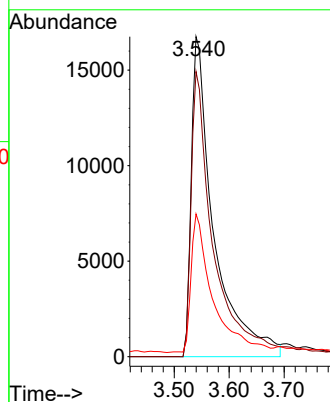
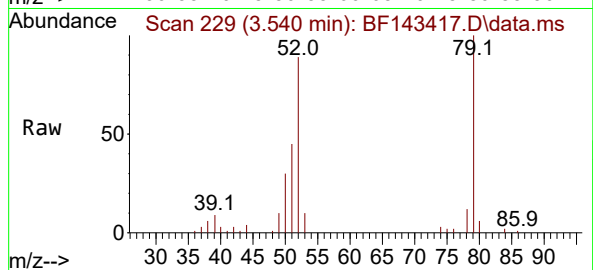
Tgt Ion: 79 Resp: 47684

Ion Ratio Lower Upper

79 100

52 89.1 67.7 101.5

51 44.6 32.3 48.5



#5

2-Fluorophenol

Concen: 10.359 ng

RT: 5.557 min Scan# 572

Delta R.T. -0.000 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

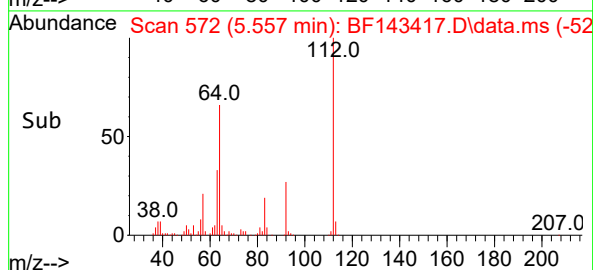
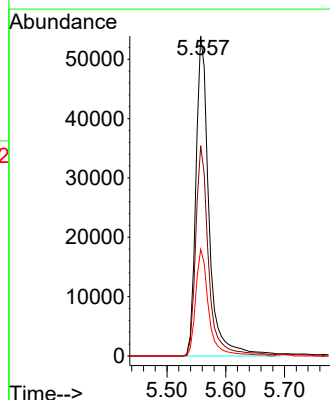
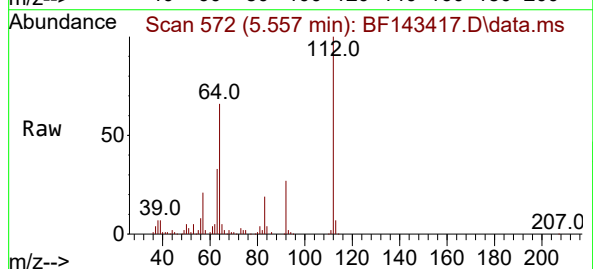
Tgt Ion: 112 Resp: 83844

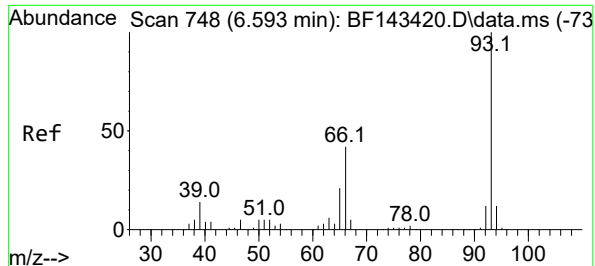
Ion Ratio Lower Upper

112 100

64 65.7 52.2 78.2

63 33.4 27.0 40.6

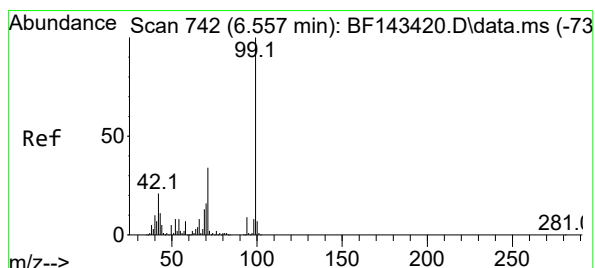
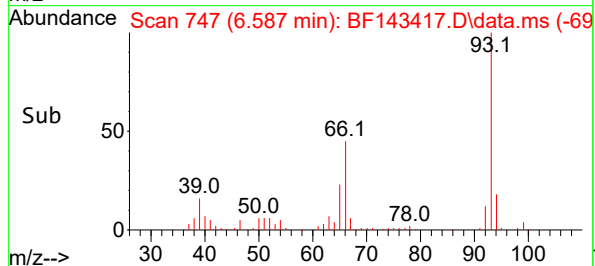
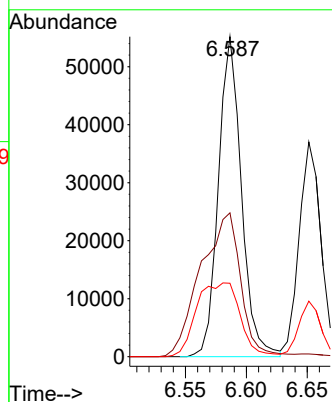
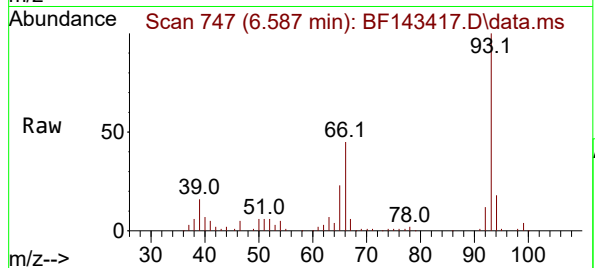




#6
Aniline
Concen: 5.242 ng
RT: 6.587 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

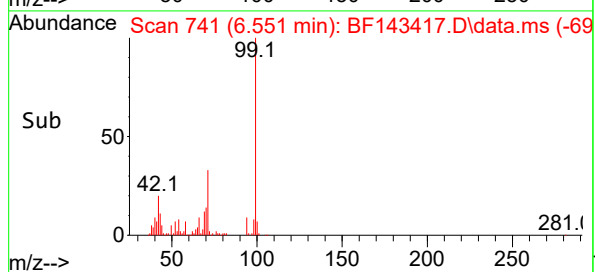
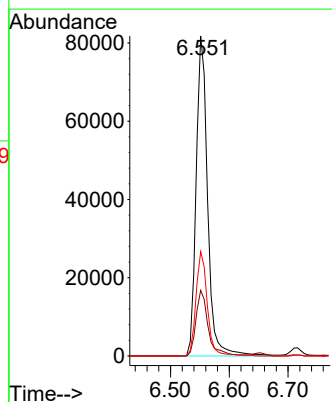
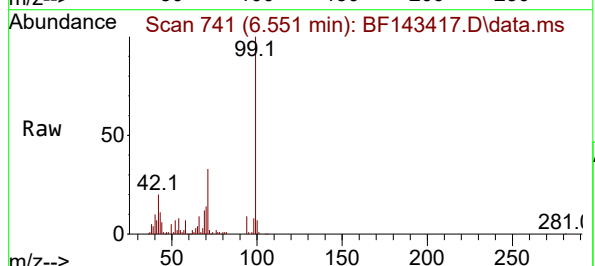
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

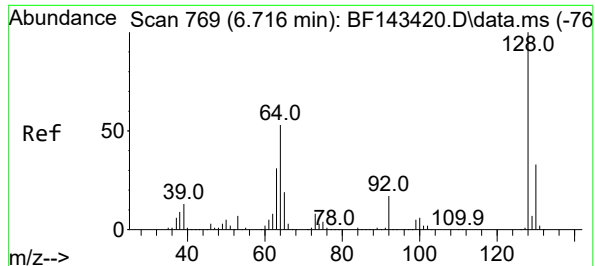
Tgt Ion: 93 Resp: 72592
Ion Ratio Lower Upper
93 100
66 44.9 33.8 50.8
65 22.9 17.2 25.8



#7
Phenol-d6
Concen: 10.850 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

Tgt Ion: 99 Resp: 110675
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 32.6 27.4 41.2

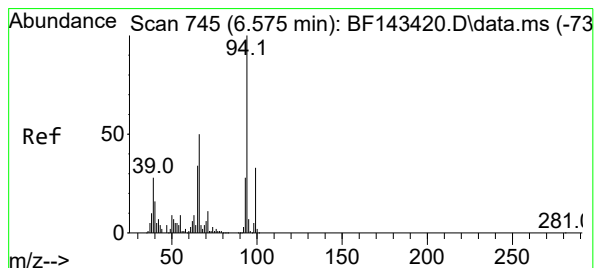
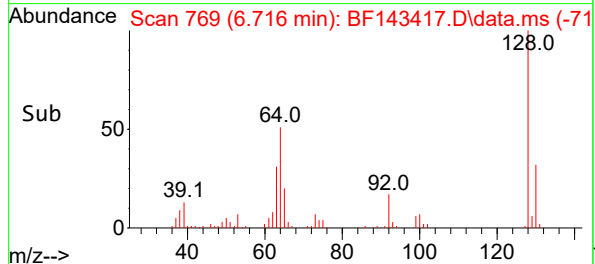
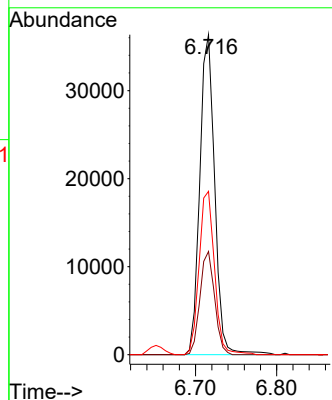
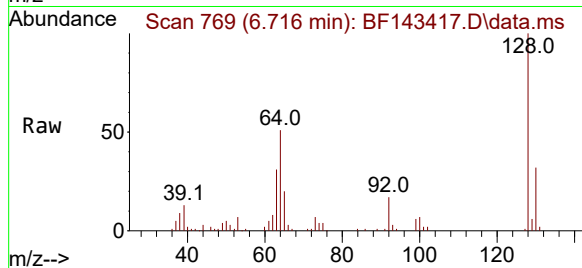




#8
2-Chlorophenol
Concen: 5.204 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

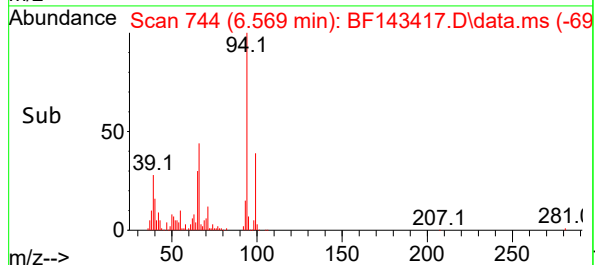
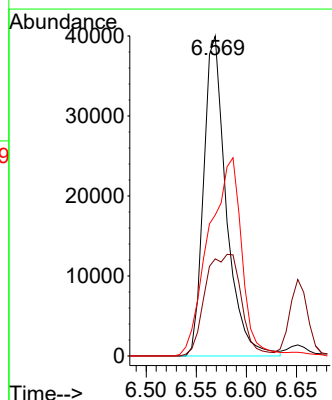
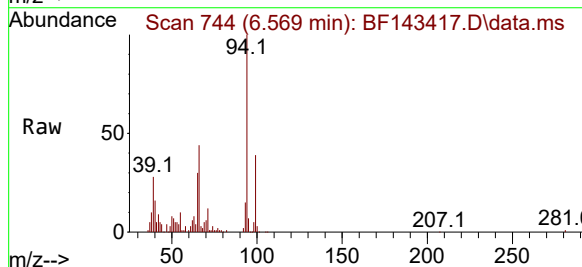
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

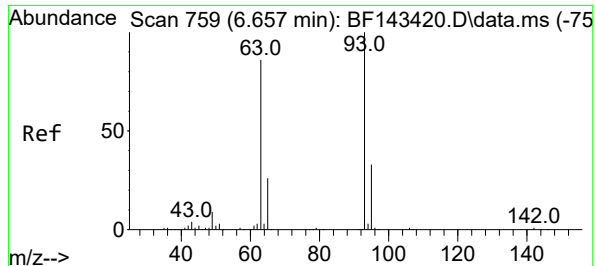
Tgt Ion:128 Resp: 46500
Ion Ratio Lower Upper
128 100
130 32.2 12.9 52.9
64 51.0 33.1 73.1



#10
Phenol
Concen: 5.276 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

Tgt Ion: 94 Resp: 62795
Ion Ratio Lower Upper
94 100
65 30.4 13.7 53.7
66 44.0 30.3 70.3

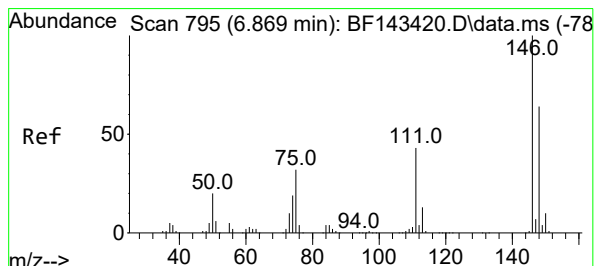
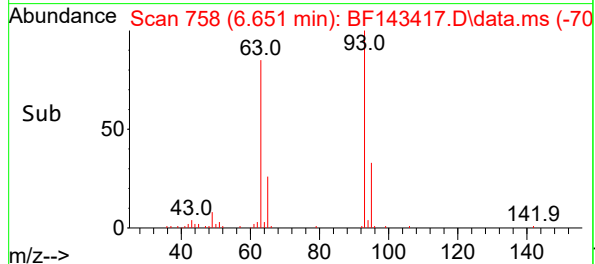
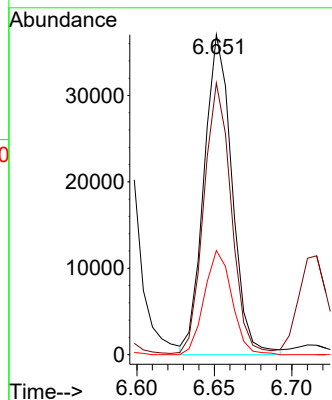
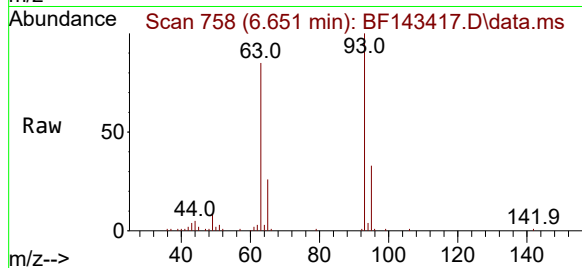




#11
bis(2-Chloroethyl)ether
Concen: 5.285 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

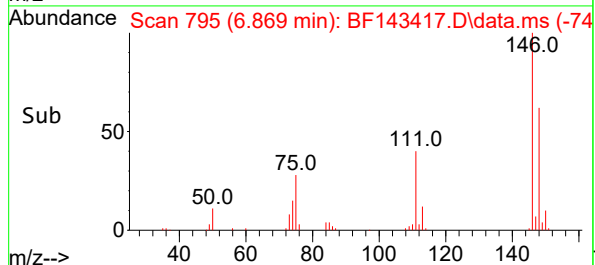
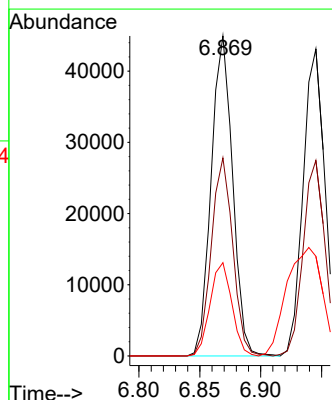
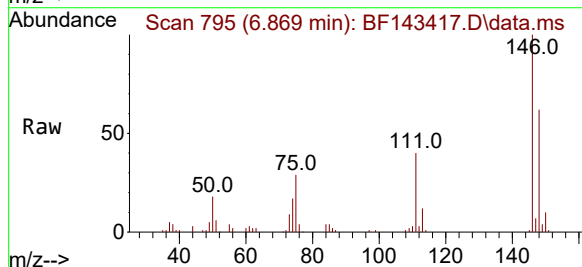
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

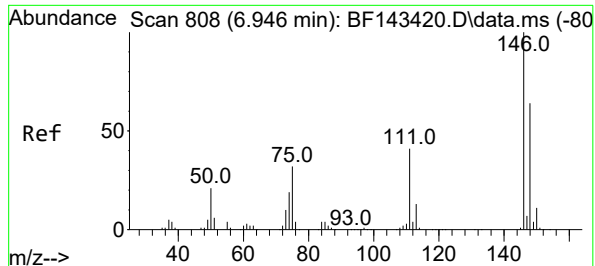
Tgt Ion: 93 Resp: 46627
Ion Ratio Lower Upper
93 100
63 84.9 65.4 105.4
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 5.499 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

Tgt Ion: 146 Resp: 55041
Ion Ratio Lower Upper
146 100
148 61.9 51.0 76.4
75 29.1 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 5.427 ng

RT: 6.945 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

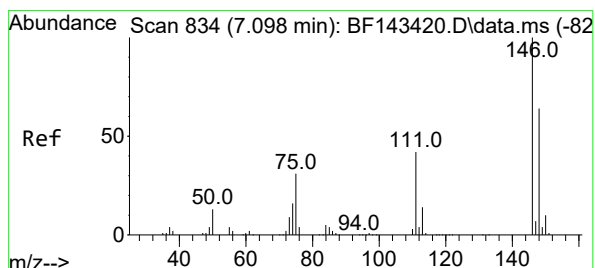
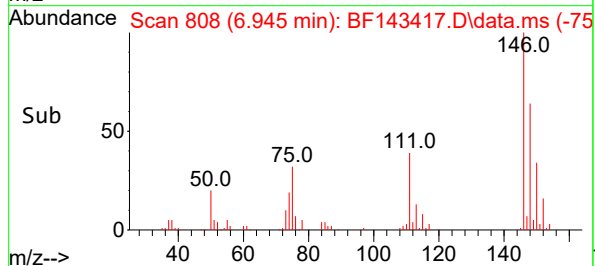
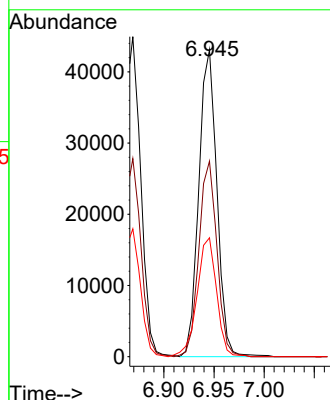
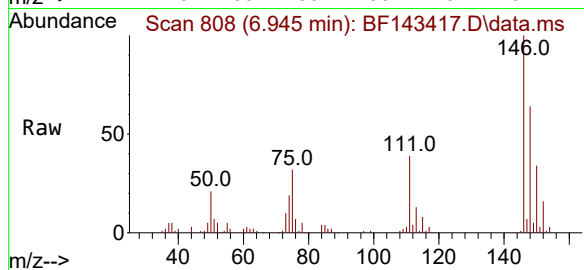
Tgt Ion:146 Resp: 54237

Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

111 38.7 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 5.467 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

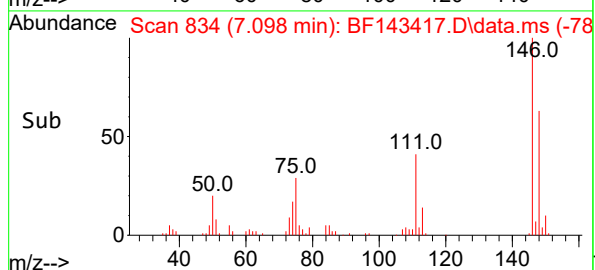
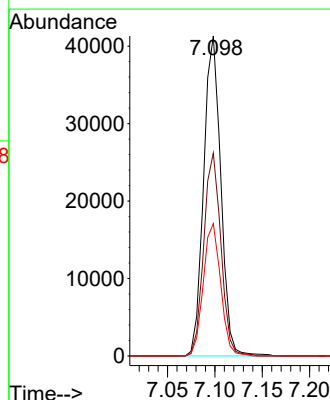
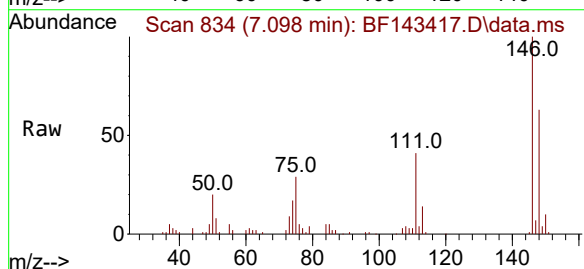
Tgt Ion:146 Resp: 52181

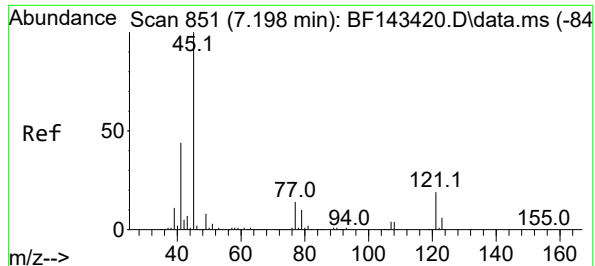
Ion Ratio Lower Upper

146 100

148 63.5 51.4 77.0

111 41.3 33.9 50.9





#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.629 ng

RT: 7.192 min Scan# 8

Delta R.T. -0.006 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

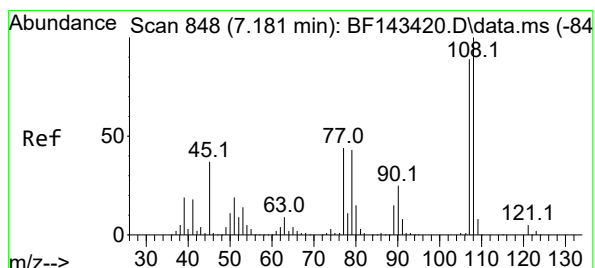
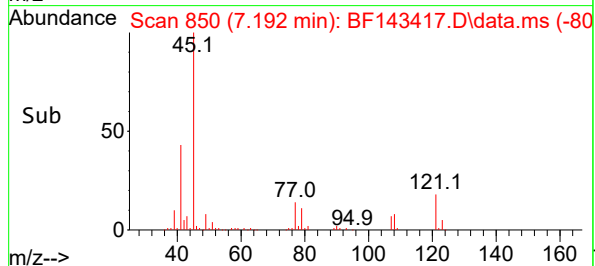
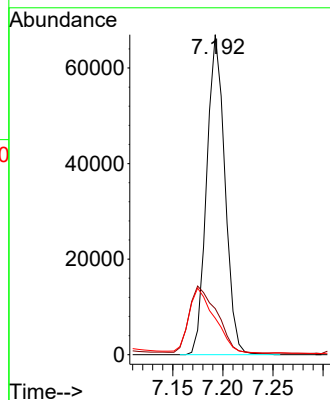
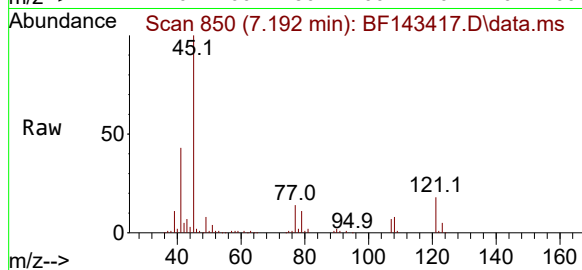
Tgt Ion: 45 Resp: 84900

Ion Ratio Lower Upper

45 100

77 14.4 0.0 33.9

79 11.4 0.0 30.7



#17

2-Methylphenol

Concen: 5.327 ng

RT: 7.175 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

Tgt Ion:107 Resp: 38840

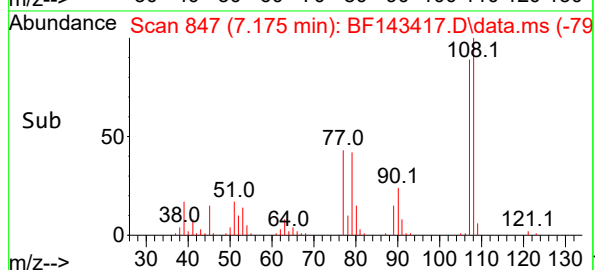
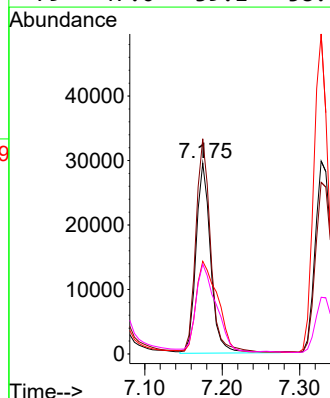
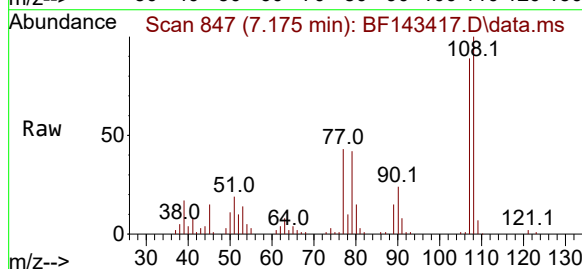
Ion Ratio Lower Upper

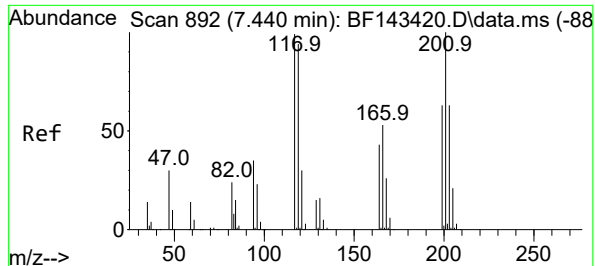
107 100

108 112.7 90.1 135.1

77 48.5 39.9 59.9

79 47.0 39.1 58.7





#18

Hexachloroethane

Concen: 5.310 ng

RT: 7.439 min Scan# 892

Delta R.T. -0.000 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

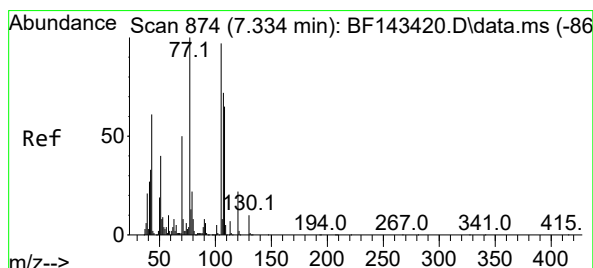
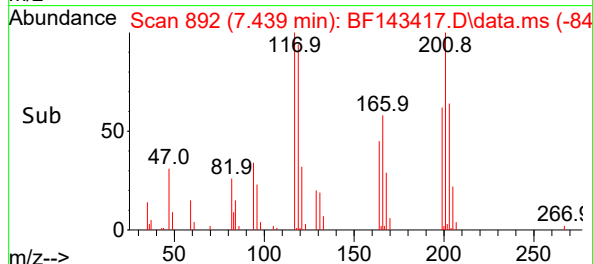
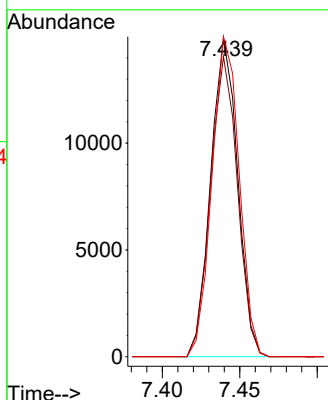
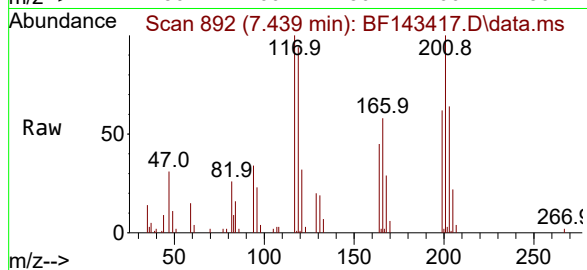
Tgt Ion:117 Resp: 18063

Ion Ratio Lower Upper

117 100

119 94.1 76.6 114.8

201 100.3 81.0 121.4



#19

n-Nitroso-di-n-propylamine

Concen: 5.491 ng

RT: 7.322 min Scan# 872

Delta R.T. -0.012 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

Tgt Ion: 70 Resp: 34674

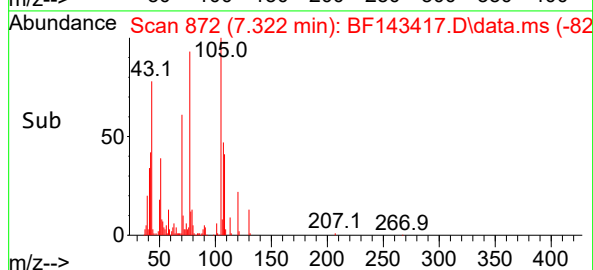
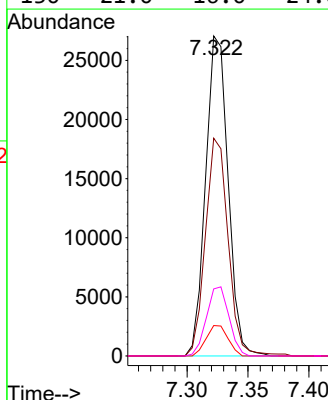
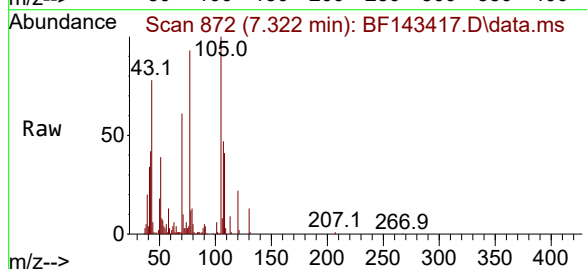
Ion Ratio Lower Upper

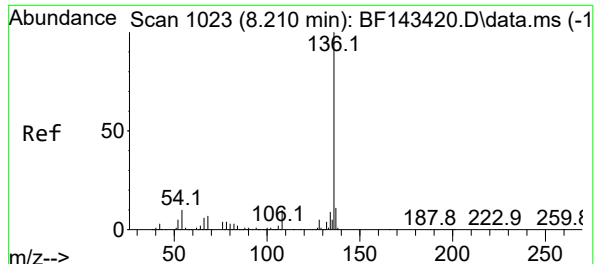
70 100

42 68.0 52.5 78.7

101 9.5 7.9 11.9

130 21.0 16.0 24.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:136 Resp: 547262

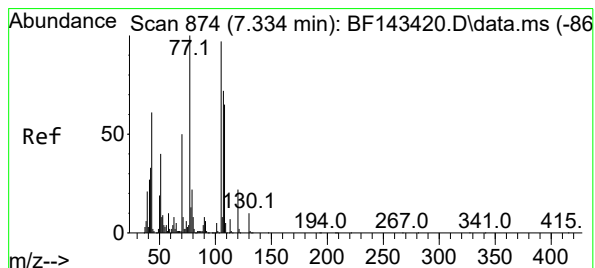
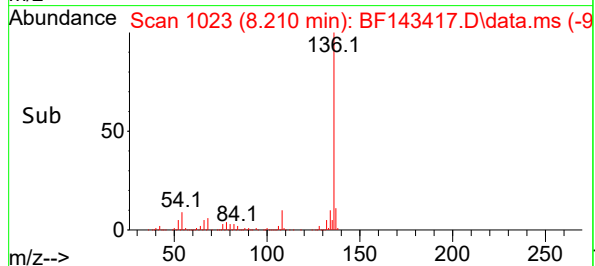
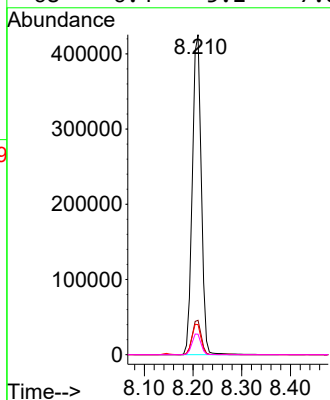
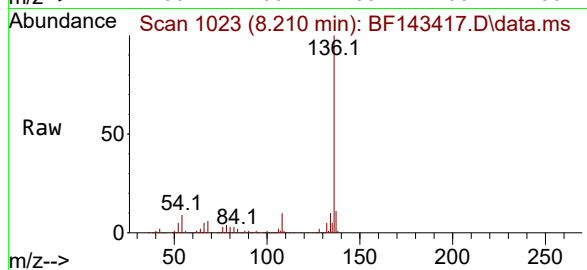
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.4 7.8 11.8

68 6.4 5.2 7.8



#22

Acetophenone

Concen: 5.829 ng

RT: 7.328 min Scan# 873

Delta R.T. -0.006 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

Tgt Ion:105 Resp: 68582

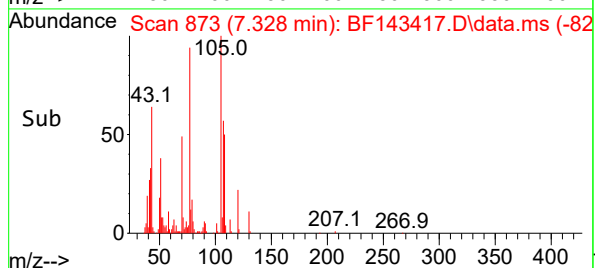
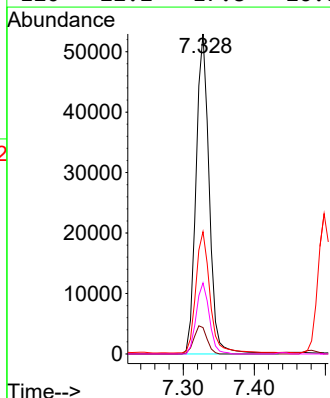
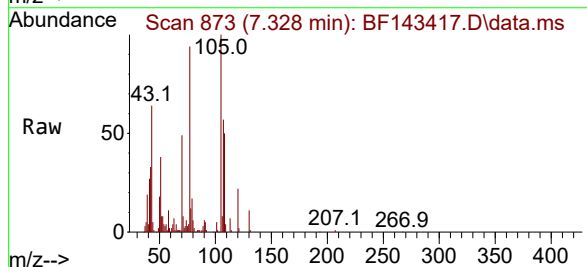
Ion Ratio Lower Upper

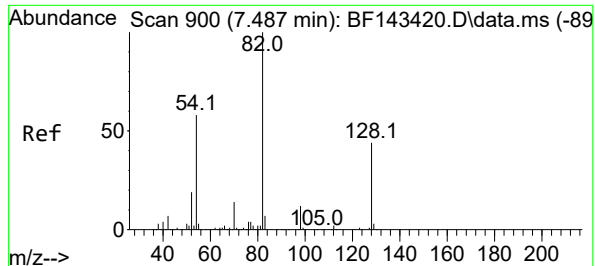
105 100

71 8.2 7.0 10.4

51 38.2 32.7 49.1

120 22.2 17.8 26.8





#23

Nitrobenzene-d5

Concen: 10.385 ng

RT: 7.481 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

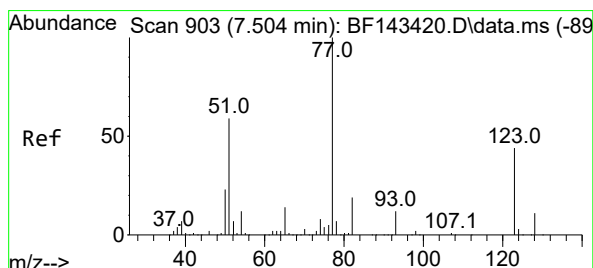
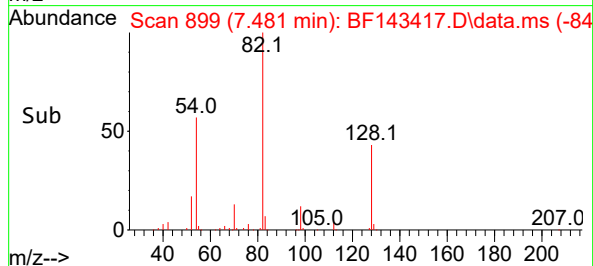
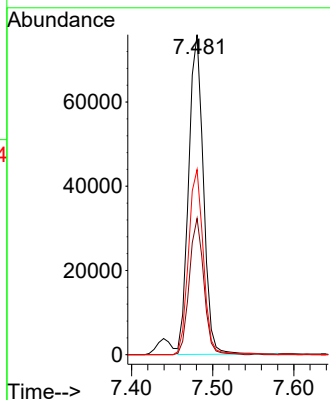
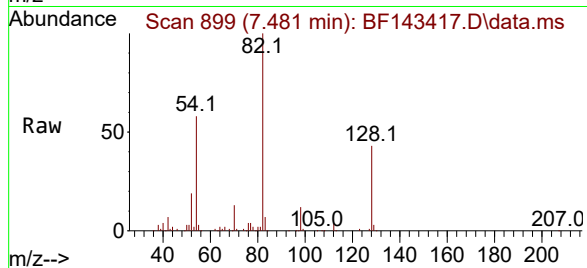
Tgt Ion: 82 Resp: 95780

Ion Ratio Lower Upper

82 100

128 42.6 34.6 52.0

54 57.9 46.0 69.0



#24

Nitrobenzene

Concen: 5.089 ng

RT: 7.498 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

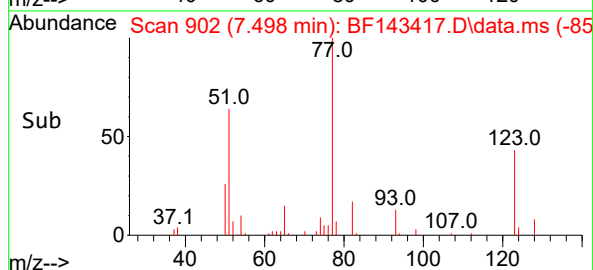
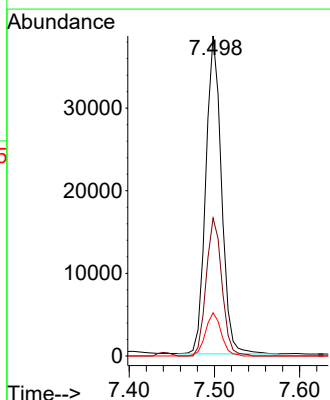
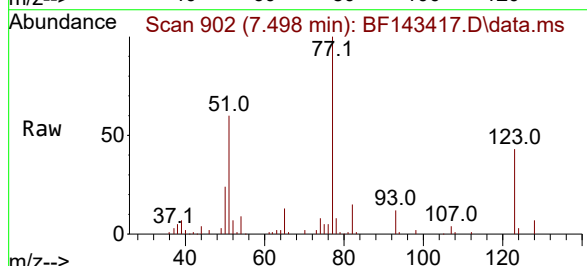
Tgt Ion: 77 Resp: 49053

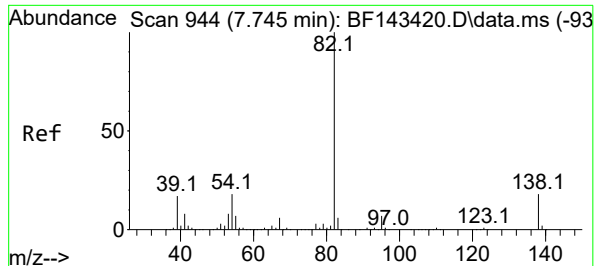
Ion Ratio Lower Upper

77 100

123 43.1 35.4 53.0

65 13.5 11.2 16.8





#25

Isophorone

Concen: 5.369 ng

RT: 7.739 min Scan# 944

Delta R.T. -0.006 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

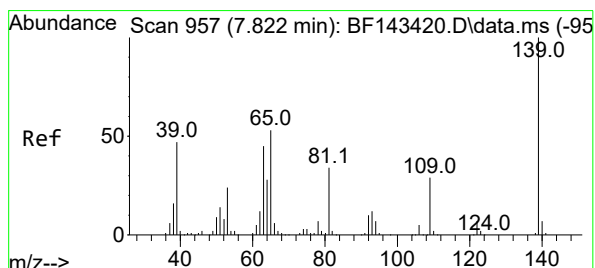
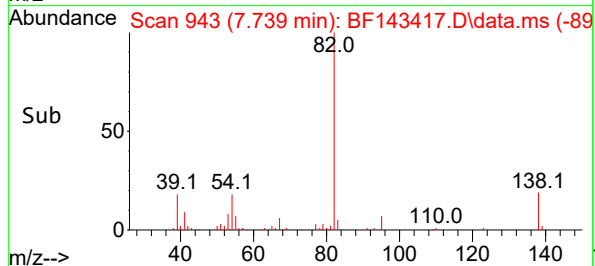
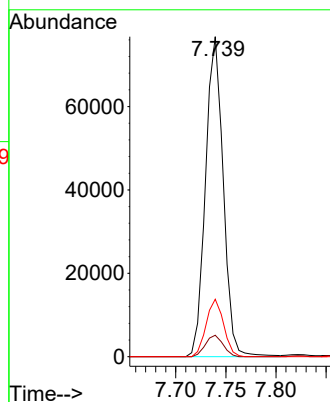
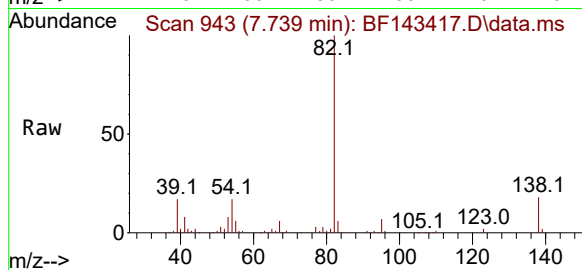
Tgt Ion: 82 Resp: 94764

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

138 18.0 14.3 21.5



#26

2-Nitrophenol

Concen: 4.310 ng

RT: 7.822 min Scan# 957

Delta R.T. -0.000 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

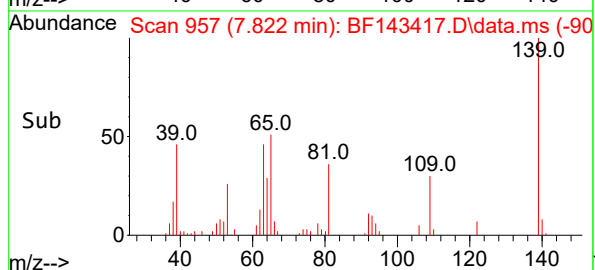
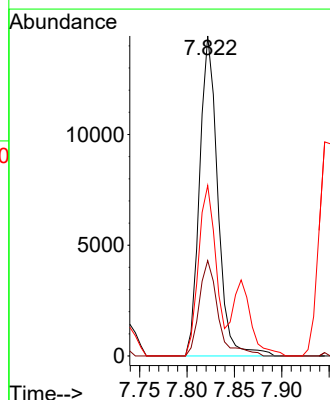
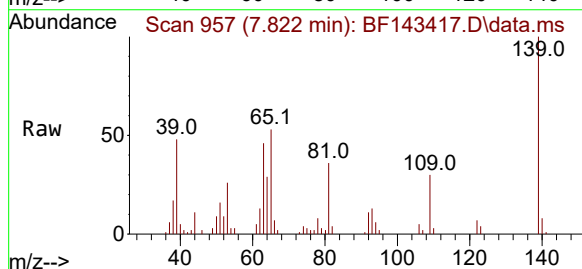
Tgt Ion:139 Resp: 19259

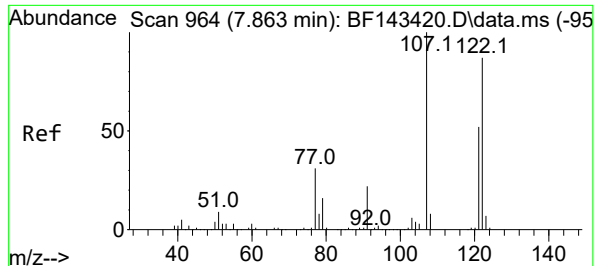
Ion Ratio Lower Upper

139 100

109 29.8 23.0 34.4

65 53.2 42.5 63.7





#27

2,4-Dimethylphenol

Concen: 5.355 ng

RT: 7.857 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

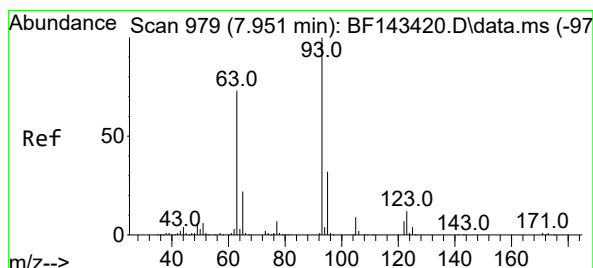
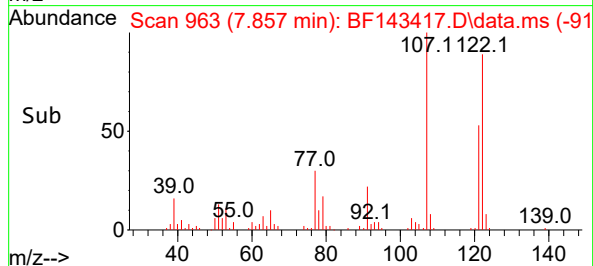
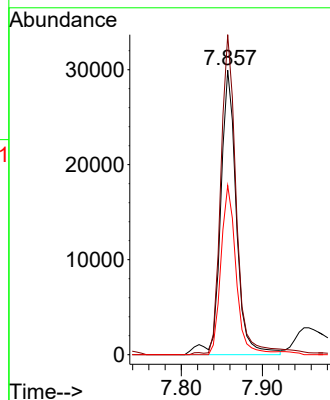
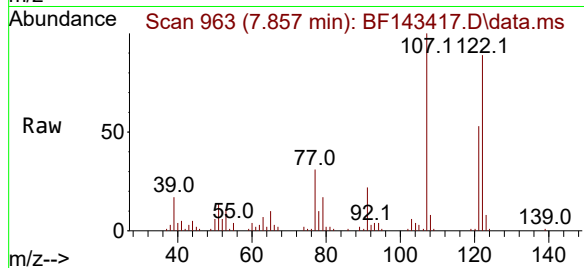
Tgt Ion:122 Resp: 40460

Ion Ratio Lower Upper

122 100

107 112.5 90.4 135.6

121 59.5 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 5.561 ng

RT: 7.951 min Scan# 979

Delta R.T. -0.000 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

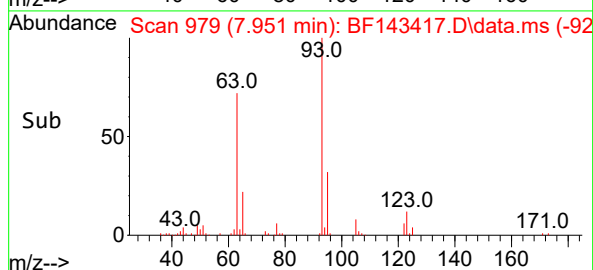
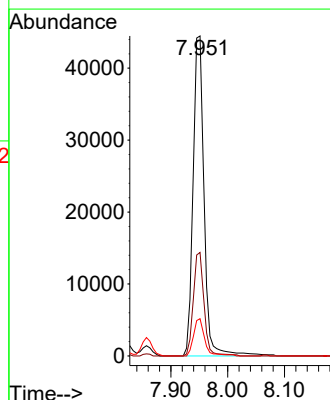
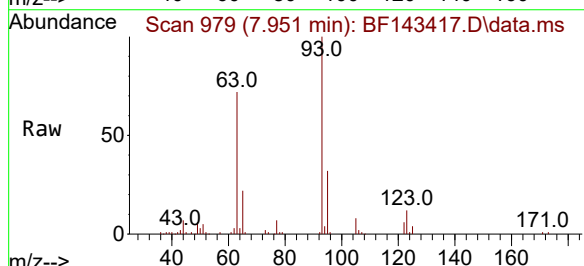
Tgt Ion: 93 Resp: 60331

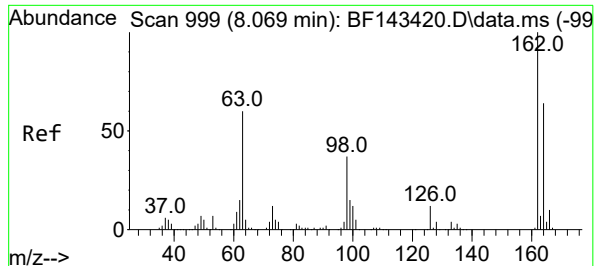
Ion Ratio Lower Upper

93 100

95 32.3 26.0 39.0

123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 5.183 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.000 min

Lab File: BF143417.D

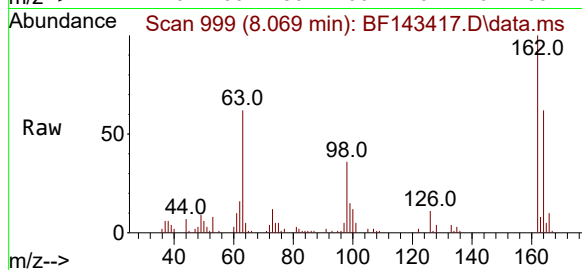
Acq: 15 Aug 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



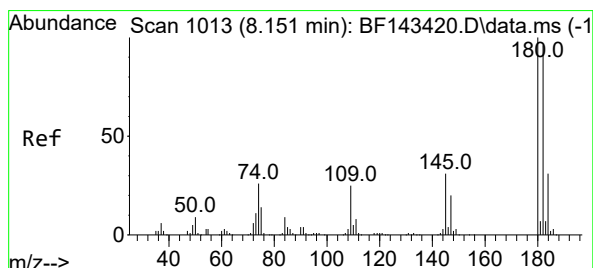
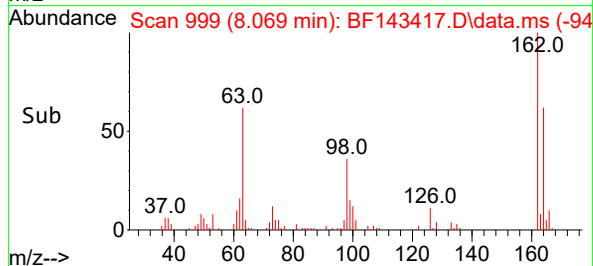
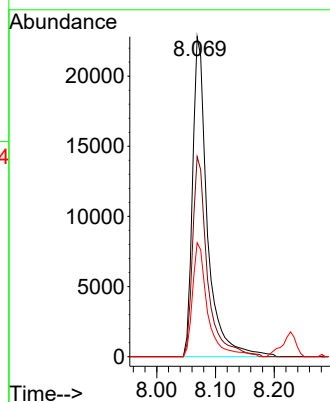
Tgt Ion:162 Resp: 39920

Ion Ratio Lower Upper

162 100

164 62.5 44.3 84.3

98 35.6 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 5.505 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

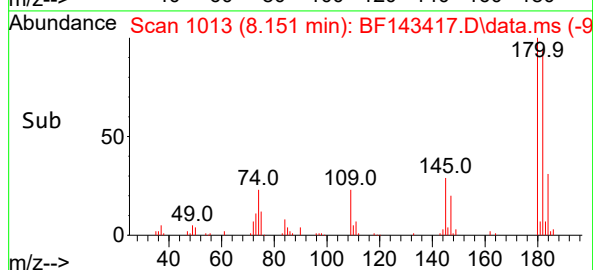
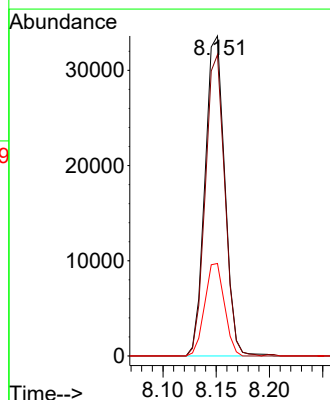
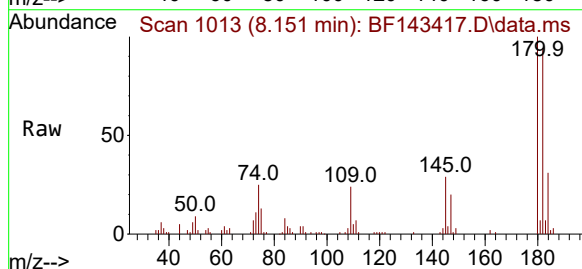
Tgt Ion:180 Resp: 43443

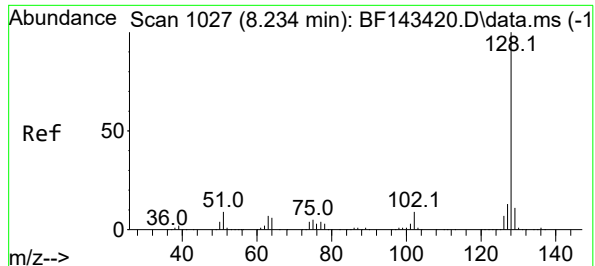
Ion Ratio Lower Upper

180 100

182 94.2 76.7 115.1

145 28.9 24.5 36.7





#31

Naphthalene

Concen: 5.617 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

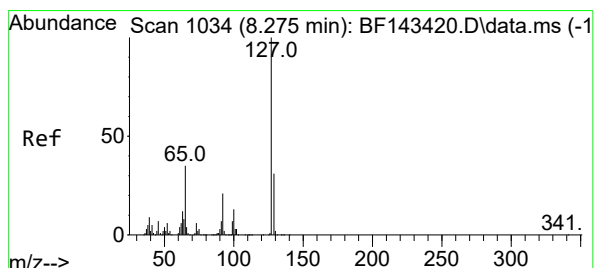
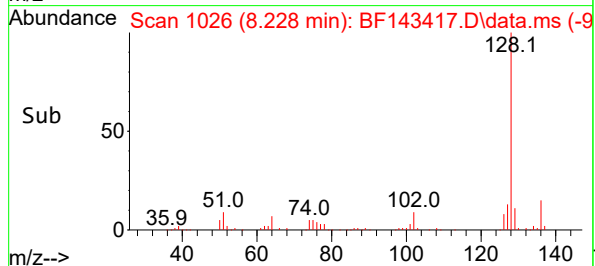
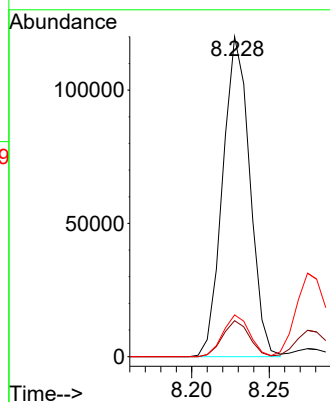
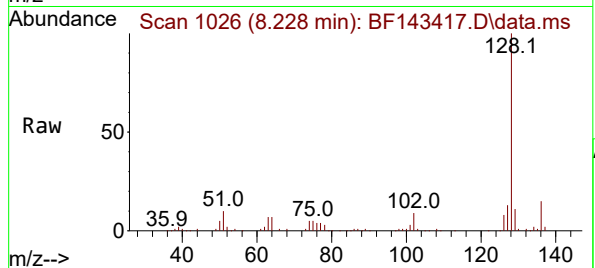
Tgt Ion:128 Resp: 145941

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.1 10.6 16.0



#33

4-Chloroaniline

Concen: 5.179 ng

RT: 8.275 min Scan# 1034

Delta R.T. -0.000 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

Tgt Ion:127 Resp: 48574

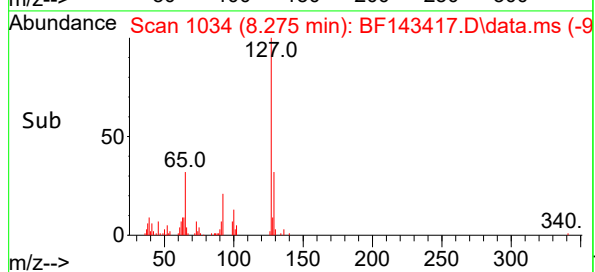
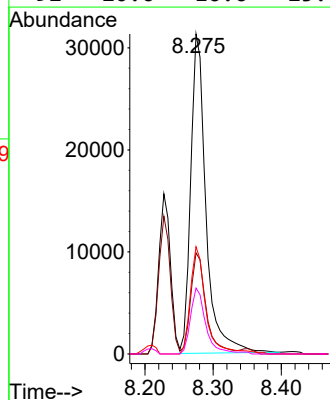
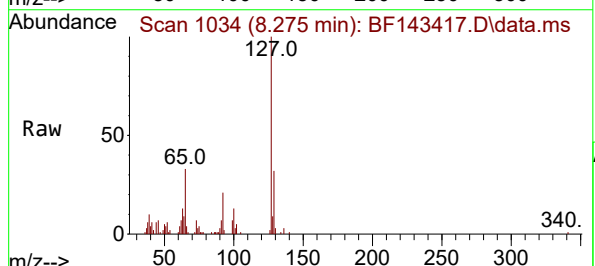
Ion Ratio Lower Upper

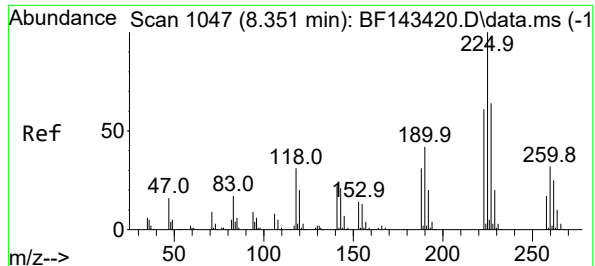
127 100

129 31.6 25.8 38.8

65 33.5 27.2 40.8

92 20.6 16.6 25.0

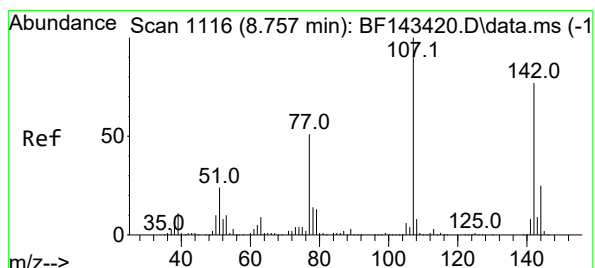
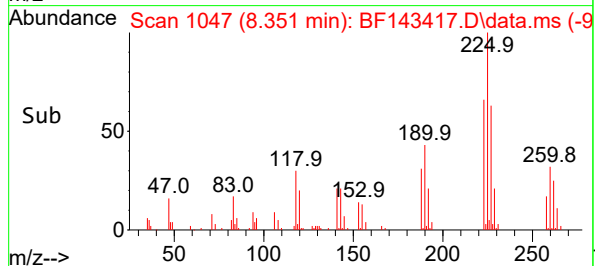
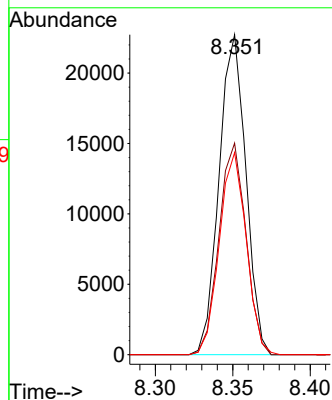
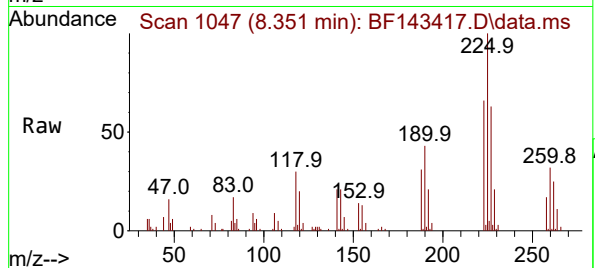




#34
Hexachlorobutadiene
Concen: 5.434 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

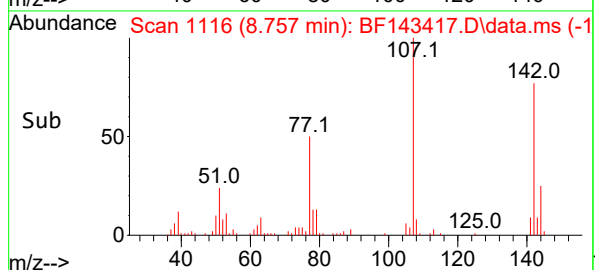
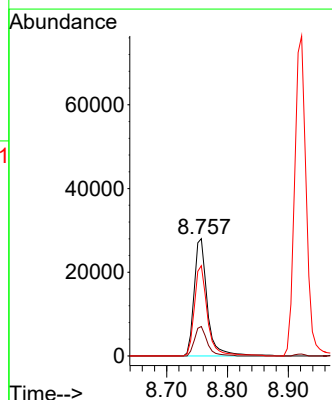
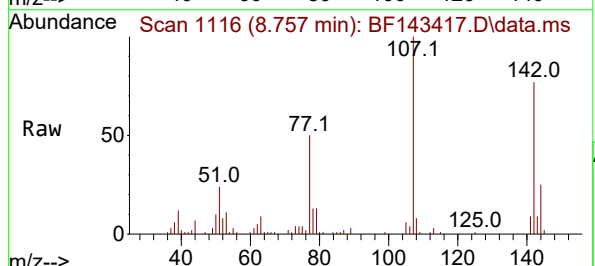
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

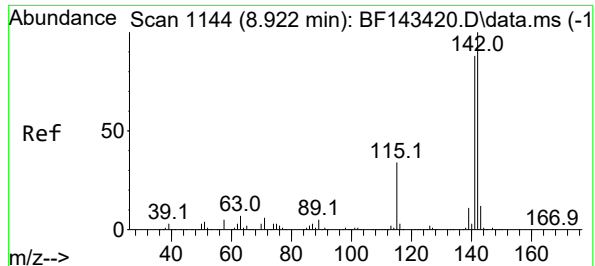
Tgt Ion:225 Resp: 27343
Ion Ratio Lower Upper
225 100
223 66.1 49.0 73.6
227 63.2 51.1 76.7



#36
4-Chloro-3-methylphenol
Concen: 5.314 ng
RT: 8.757 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

Tgt Ion:107 Resp: 42152
Ion Ratio Lower Upper
107 100
144 25.2 20.2 30.2
142 77.0 62.0 93.0

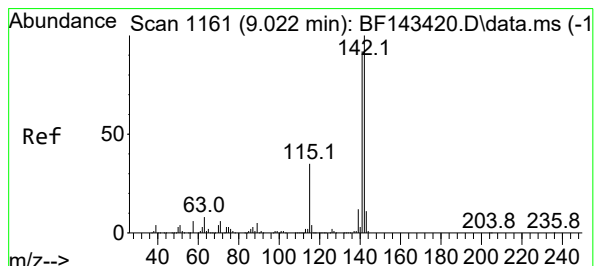
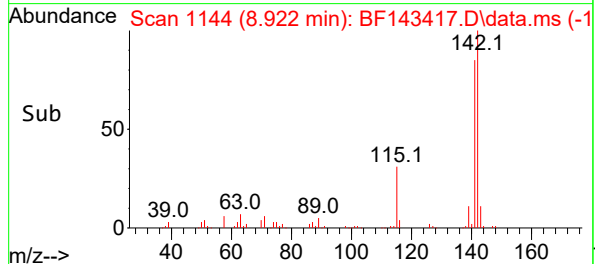
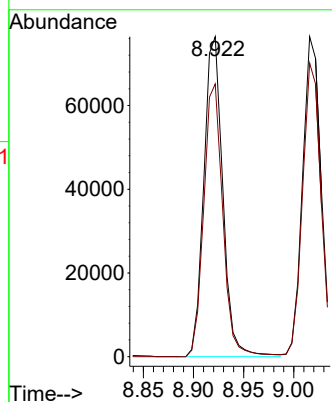
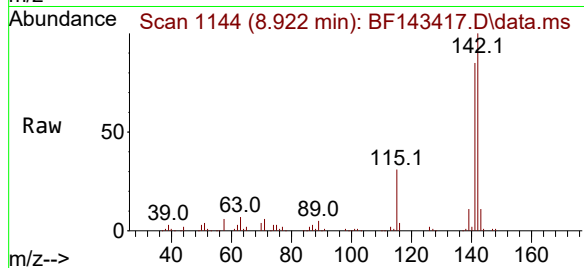




#37
2-Methylnaphthalene
Concen: 5.759 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

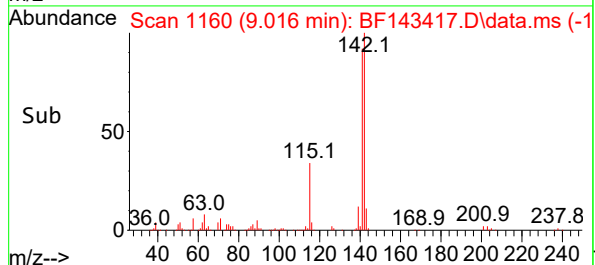
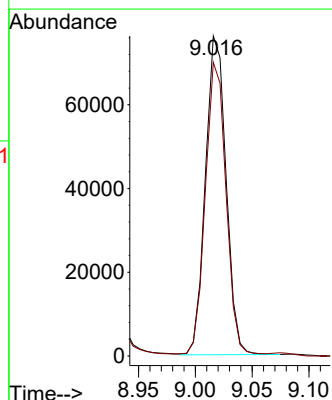
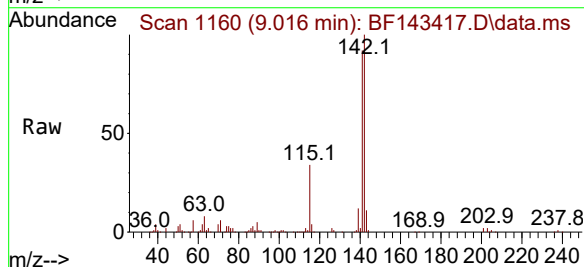
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

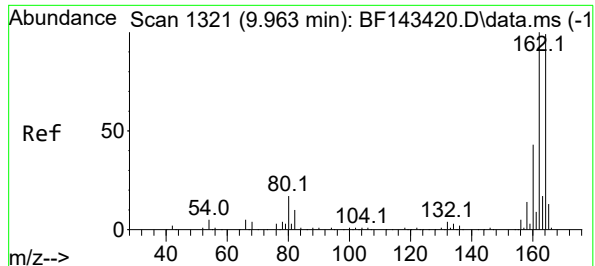
Tgt Ion:142 Resp: 100864
Ion Ratio Lower Upper
142 100
141 85.3 70.3 105.5



#38
1-Methylnaphthalene
Concen: 5.737 ng
RT: 9.016 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

Tgt Ion:142 Resp: 96256
Ion Ratio Lower Upper
142 100
141 91.7 73.8 110.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF143417.D

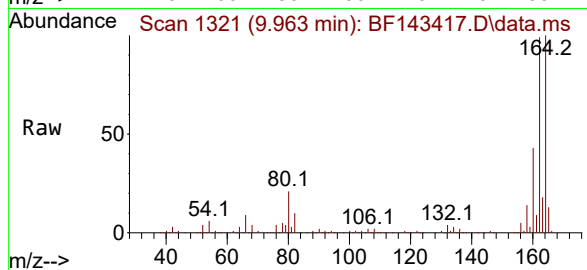
Acq: 15 Aug 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



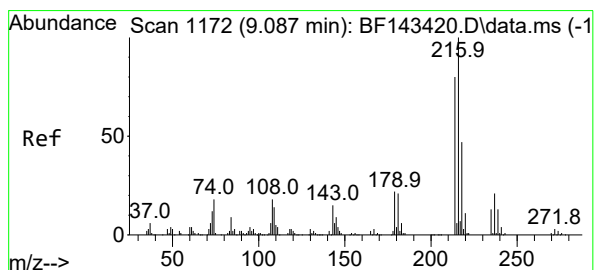
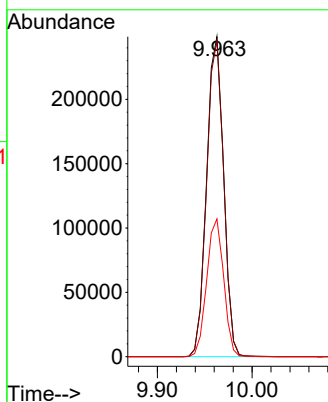
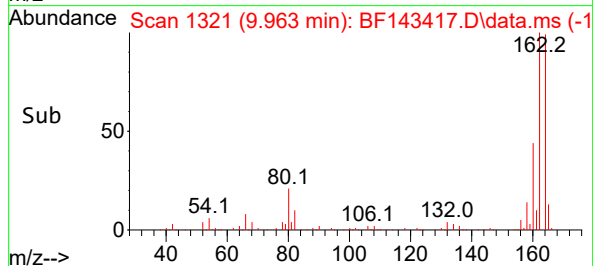
Tgt Ion:164 Resp: 310490

Ion Ratio Lower Upper

164 100

162 98.7 80.6 121.0

160 43.0 34.6 51.8



#40

1,2,4,5-Tetrachlorobenzene

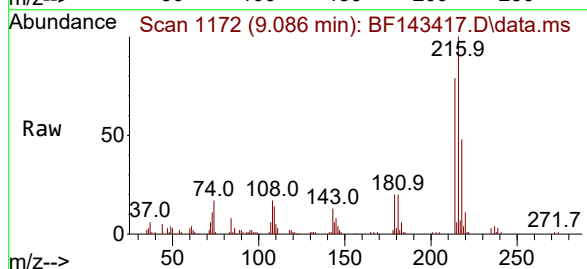
Concen: 5.477 ng

RT: 9.086 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58



Tgt Ion:216 Resp: 47429

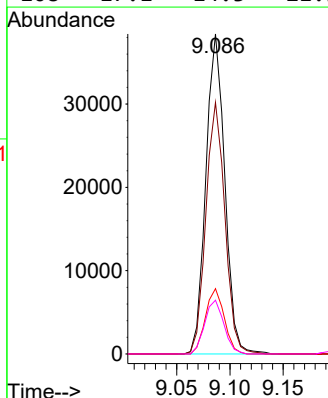
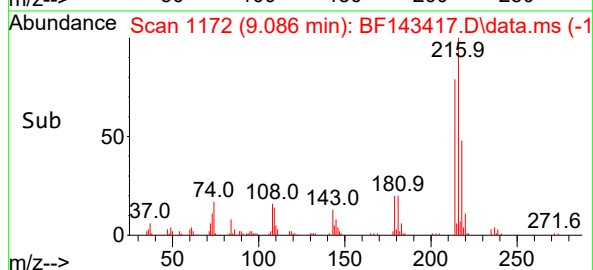
Ion Ratio Lower Upper

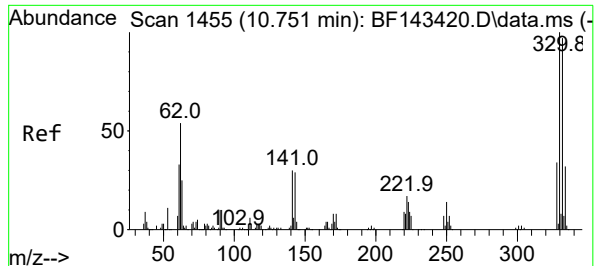
216 100

214 79.0 63.7 95.5

179 20.3 17.0 25.4

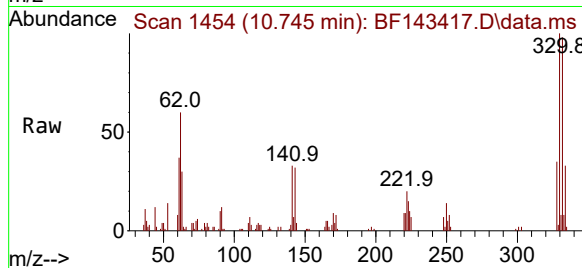
108 17.1 14.3 21.5



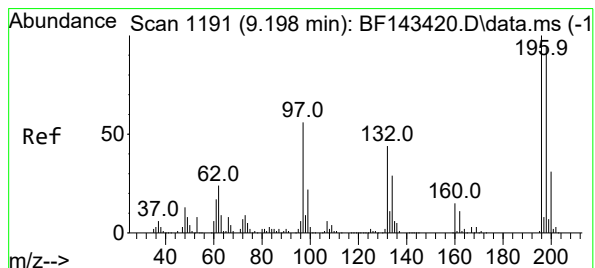
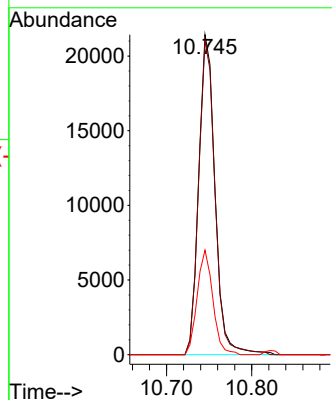
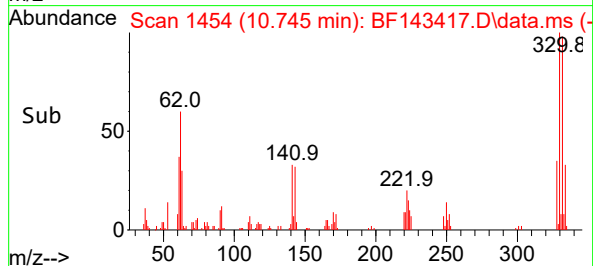


#42
2,4,6-Tribromophenol
Concen: 10.333 ng
RT: 10.745 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

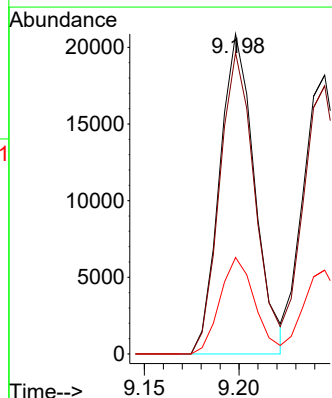
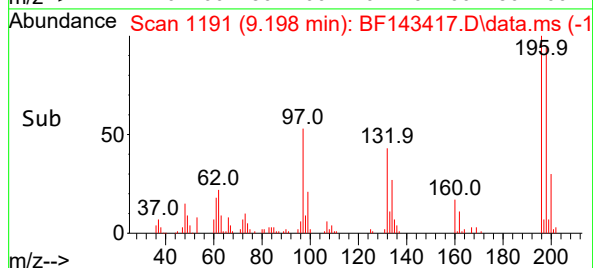
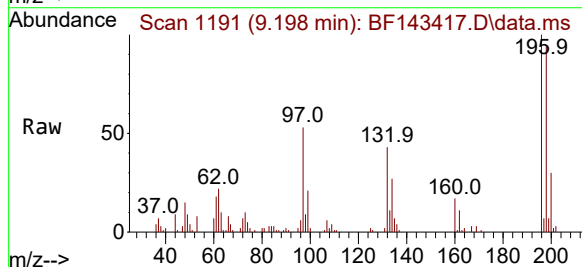


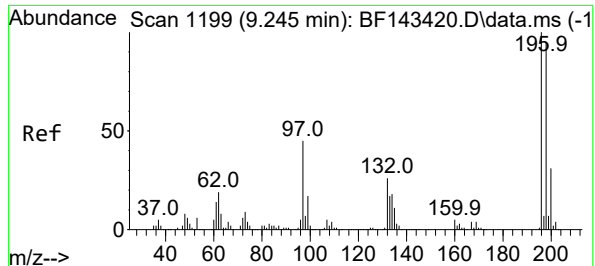
Tgt Ion:330 Resp: 28555
Ion Ratio Lower Upper
330 100
332 98.0 77.4 116.2
141 31.3 24.1 36.1



#43
2,4,6-Trichlorophenol
Concen: 4.962 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

Tgt Ion:196 Resp: 26801
Ion Ratio Lower Upper
196 100
198 94.2 75.4 113.2
200 30.1 24.7 37.1





#44

2,4,5-Trichlorophenol

Concen: 5.070 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF143417.D

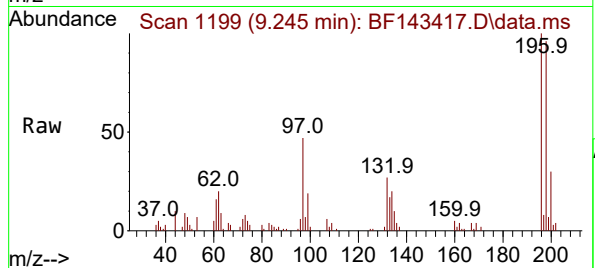
Acq: 15 Aug 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:196 Resp: 29354

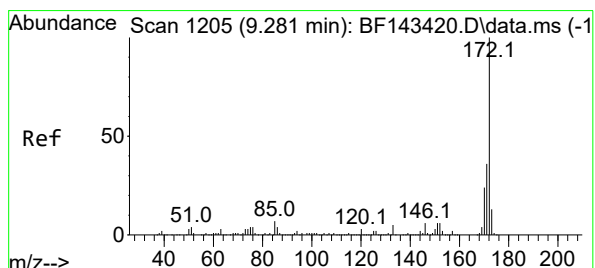
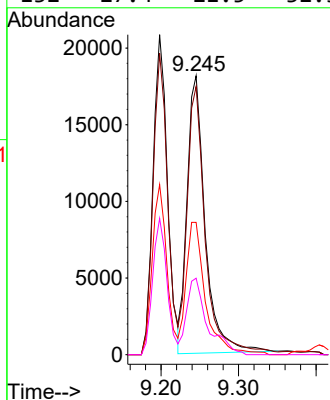
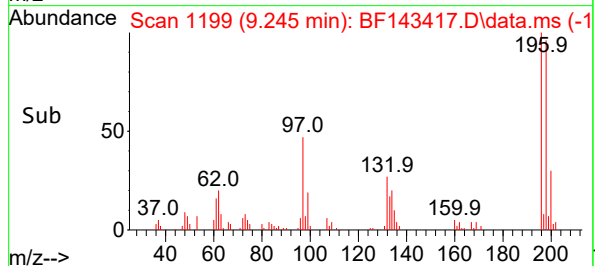
Ion Ratio Lower Upper

196 100

198 96.1 76.2 114.4

97 47.5 36.6 55.0

132 27.4 21.5 32.3



#45

2-Fluorobiphenyl

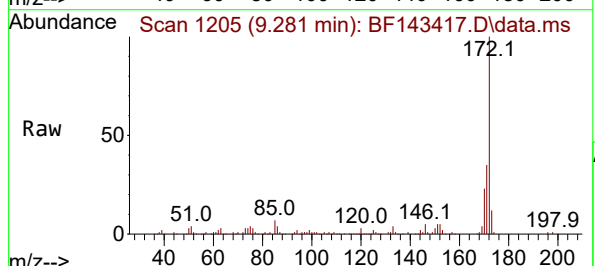
Concen: 12.150 ng

RT: 9.281 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58



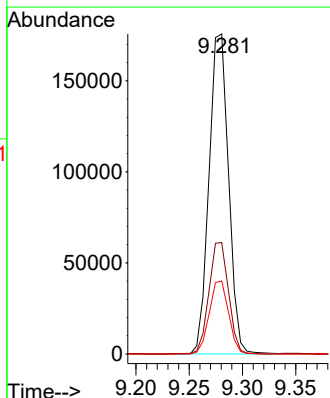
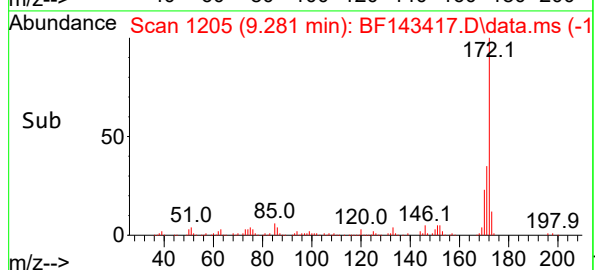
Tgt Ion:172 Resp: 224285

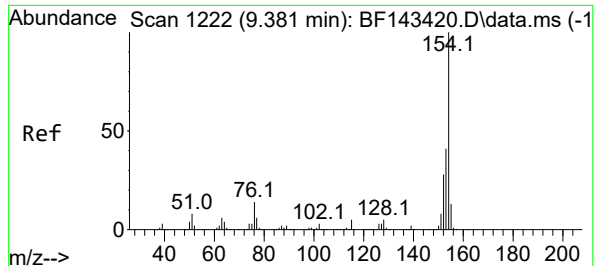
Ion Ratio Lower Upper

172 100

171 34.8 28.7 43.1

170 22.8 19.0 28.6





#46

1,1'-Biphenyl

Concen: 5.581 ng

RT: 9.381 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

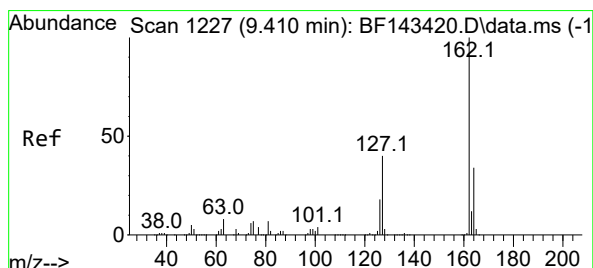
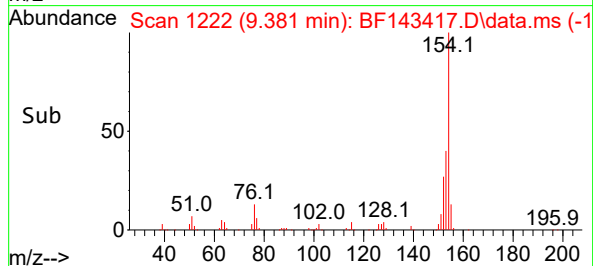
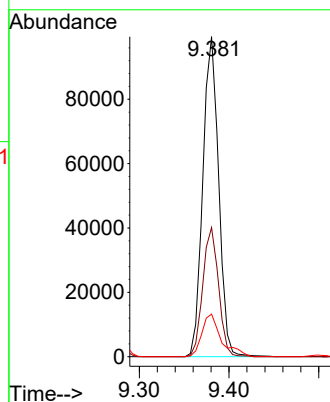
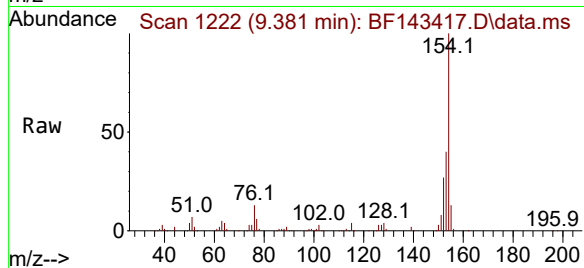
Tgt Ion:154 Resp: 121744

Ion Ratio Lower Upper

154 100

153 40.3 20.6 60.6

76 13.3 0.0 33.8



#47

2-Chloronaphthalene

Concen: 5.520 ng

RT: 9.404 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

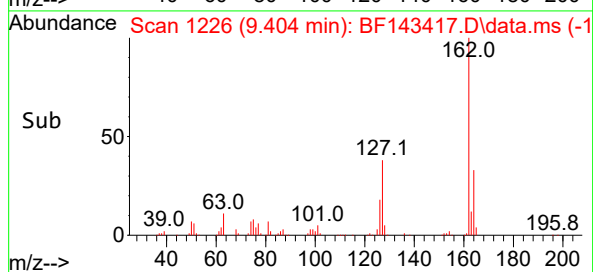
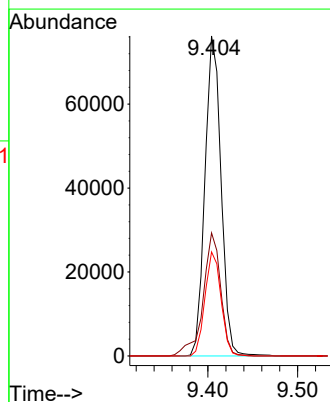
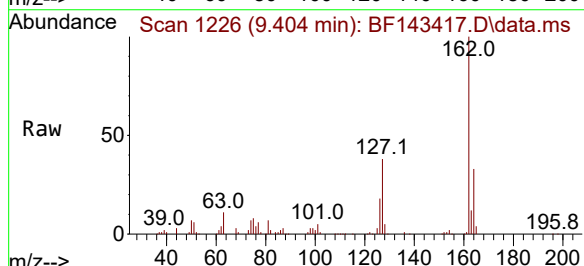
Tgt Ion:162 Resp: 95062

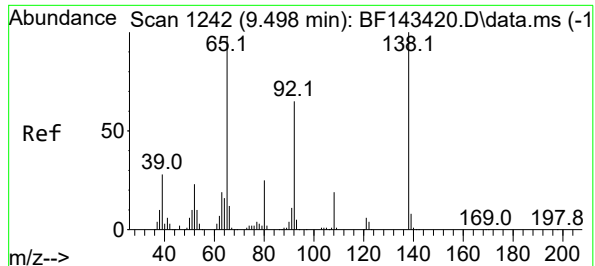
Ion Ratio Lower Upper

162 100

127 38.5 32.3 48.5

164 32.5 26.9 40.3

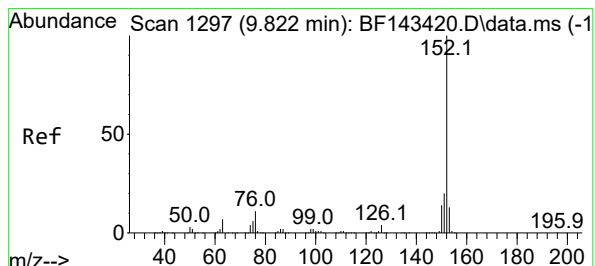
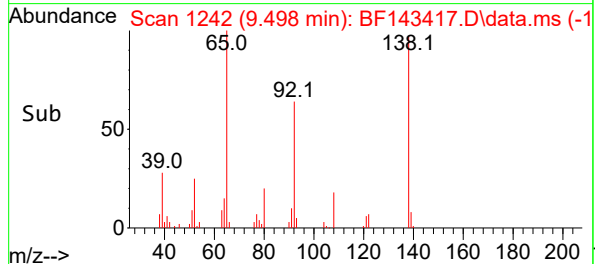
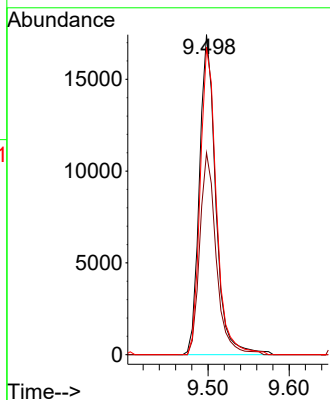
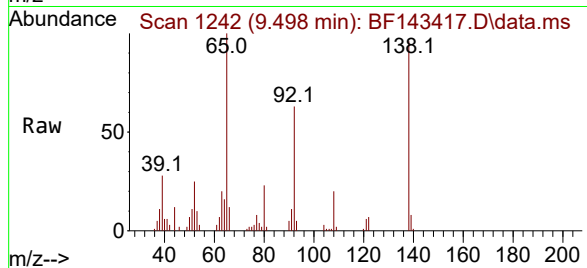




#48
2-Nitroaniline
Concen: 4.734 ng
RT: 9.498 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

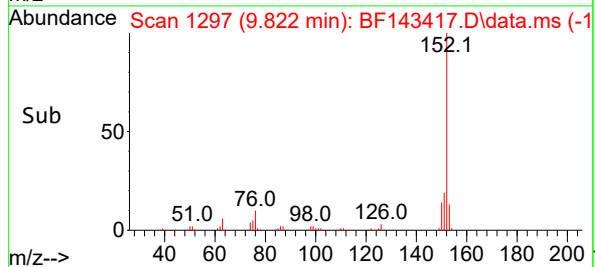
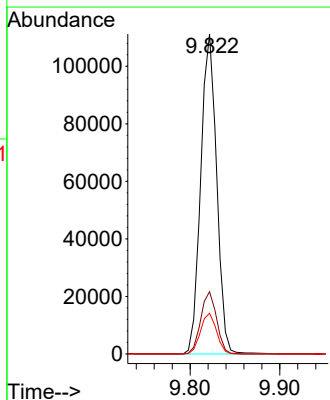
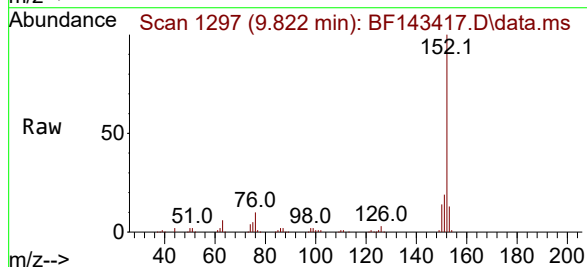
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

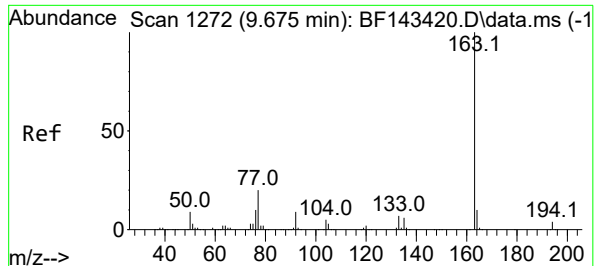
Tgt Ion: 65 Resp: 24258
Ion Ratio Lower Upper
65 100
92 63.1 52.9 79.3
138 96.0 81.3 121.9



#49
Acenaphthylene
Concen: 5.509 ng
RT: 9.822 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

Tgt Ion: 152 Resp: 136971
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 12.7 10.8 16.2





#50

Dimethylphthalate

Concen: 5.499 ng

RT: 9.669 min Scan# 1271

Delta R.T. -0.006 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

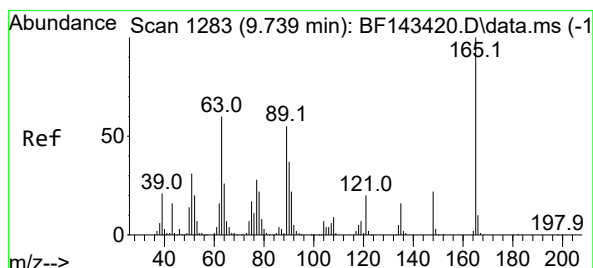
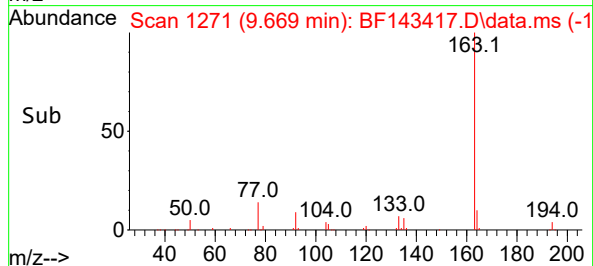
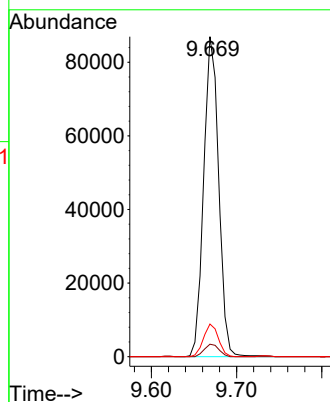
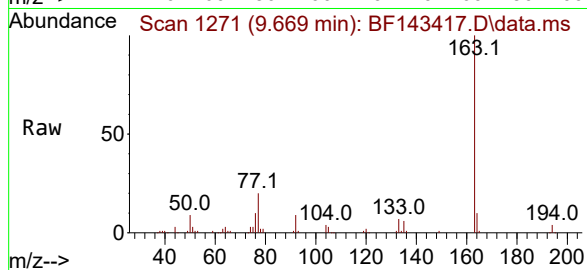
Tgt Ion:163 Resp: 106442

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.2 8.2 12.4



#51

2,6-Dinitrotoluene

Concen: 4.535 ng

RT: 9.733 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

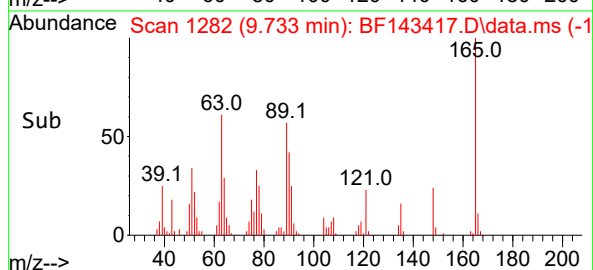
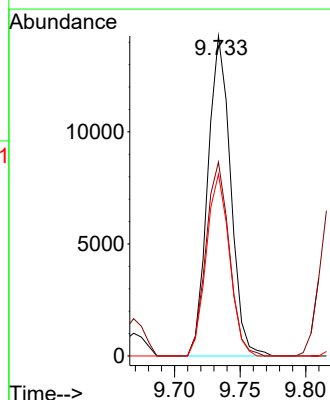
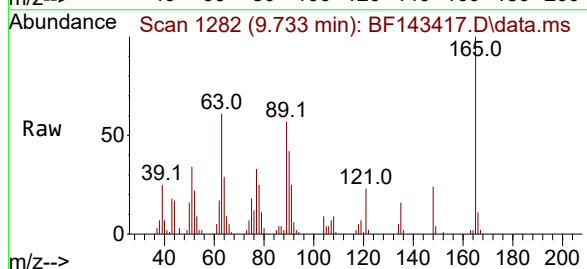
Tgt Ion:165 Resp: 17305

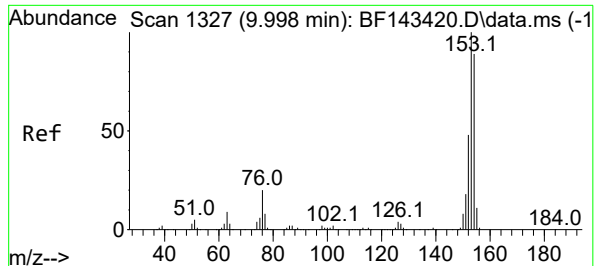
Ion Ratio Lower Upper

165 100

63 60.6 48.2 72.2

89 56.8 44.2 66.2

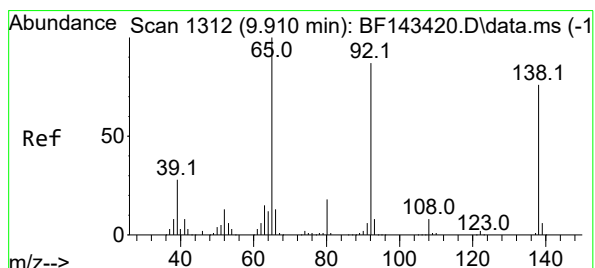
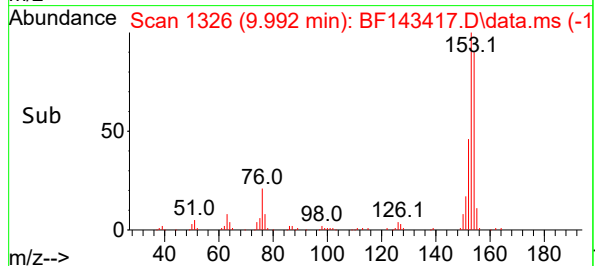
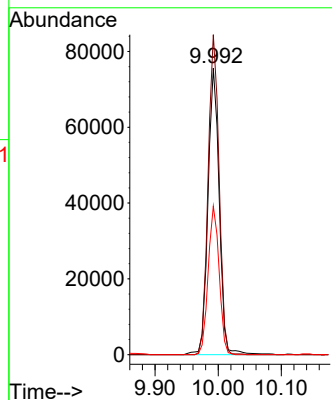
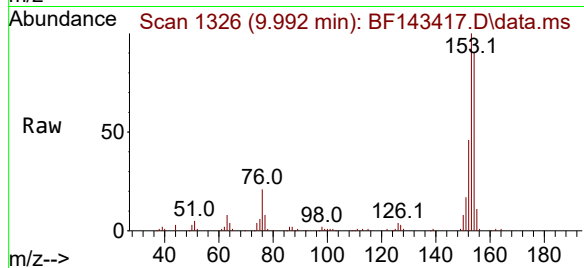




#52
Acenaphthene
Concen: 5.581 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

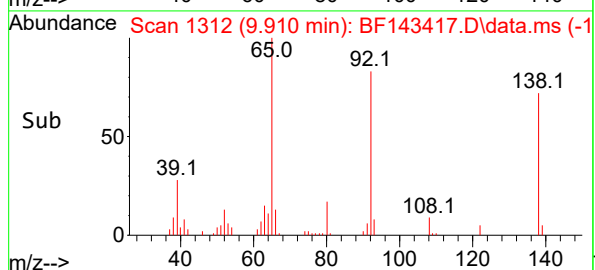
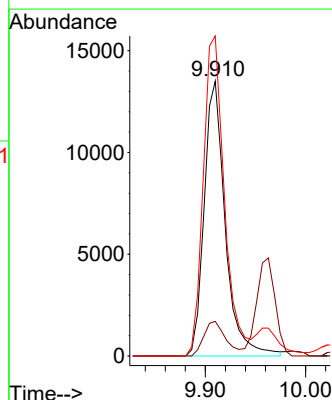
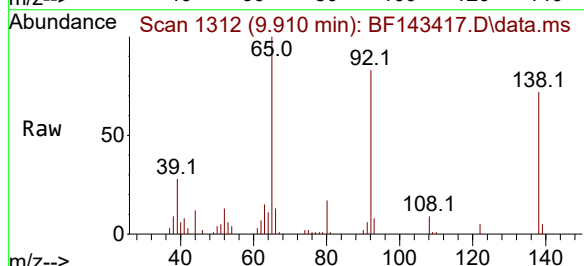
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

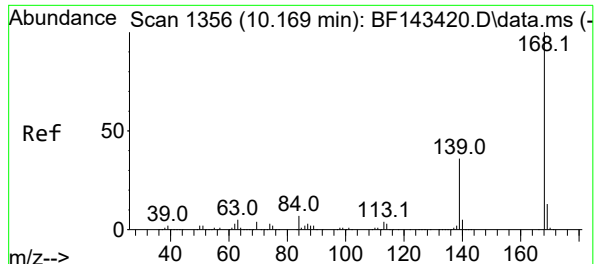
Tgt Ion:154 Resp: 93335
Ion Ratio Lower Upper
154 100
153 111.6 89.5 134.3
152 51.8 42.6 64.0



#53
3-Nitroaniline
Concen: 4.645 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

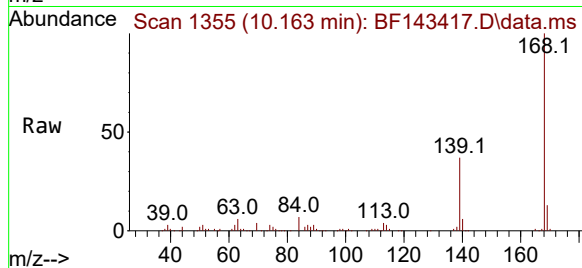
Tgt Ion:138 Resp: 19743
Ion Ratio Lower Upper
138 100
108 12.6 8.7 13.1
92 116.4 91.4 137.2



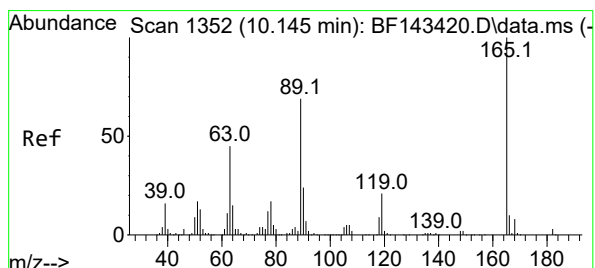
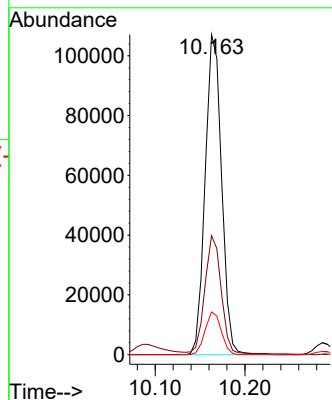
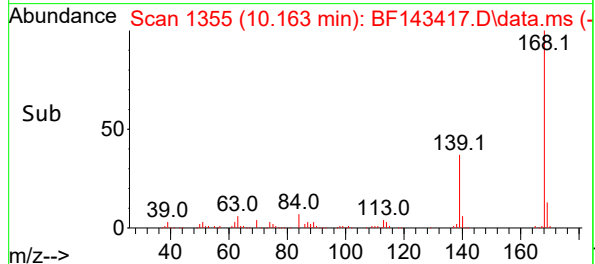


#55
Dibenzenofuran
Concen: 5.643 ng
RT: 10.163 min Scan# 1355
Delta R.T. -0.006 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

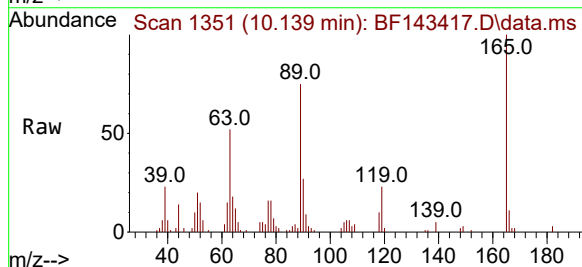
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



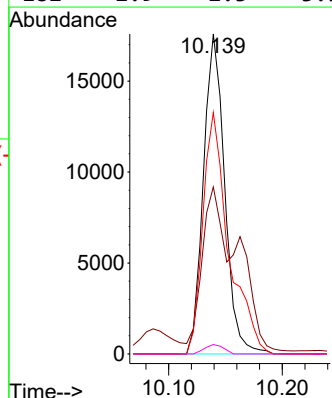
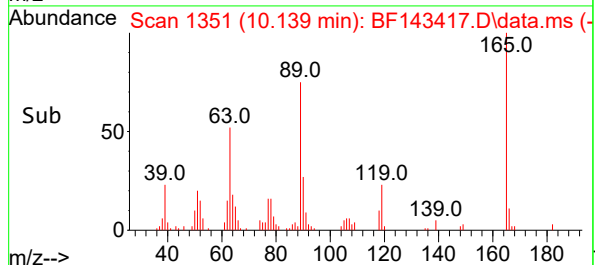
Tgt Ion:168 Resp: 136138
Ion Ratio Lower Upper
168 100
139 37.2 29.3 43.9
169 13.4 10.8 16.2

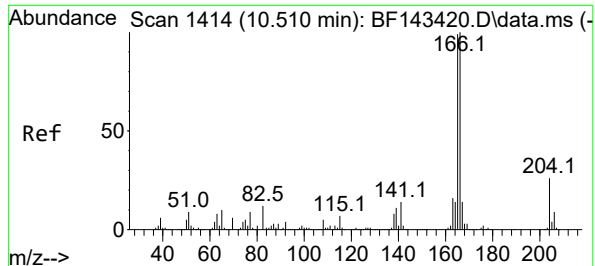


#57
2,4-Dinitrotoluene
Concen: 4.467 ng
RT: 10.139 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58



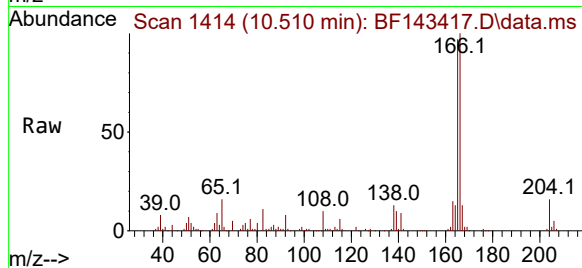
Tgt Ion:165 Resp: 22724
Ion Ratio Lower Upper
165 100
63 52.2 37.0 55.6
89 75.5 55.4 83.0
182 2.9 2.3 3.5



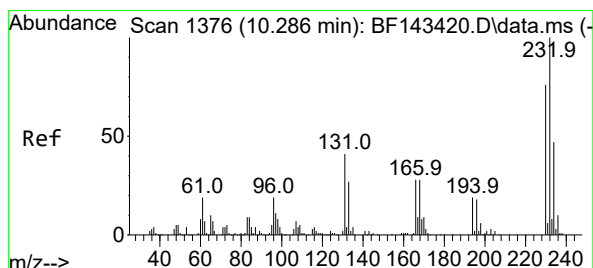
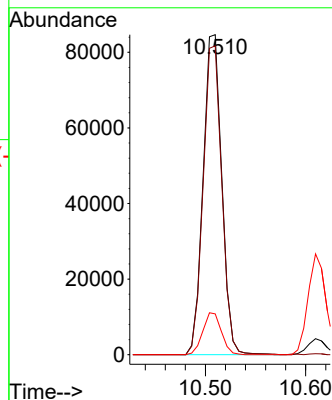
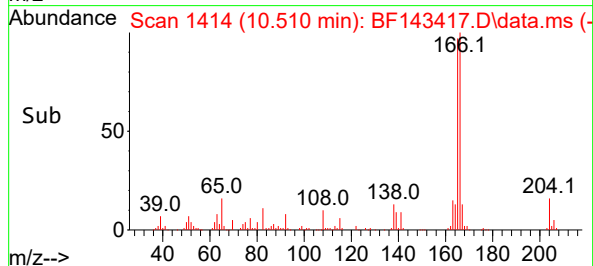


#58
Fluorene
Concen: 5.925 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

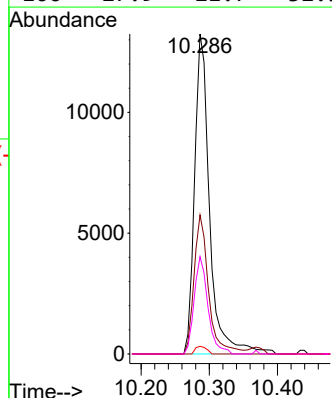
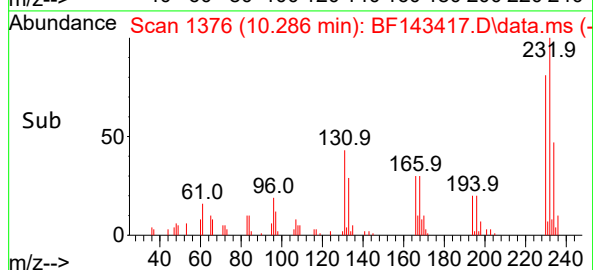
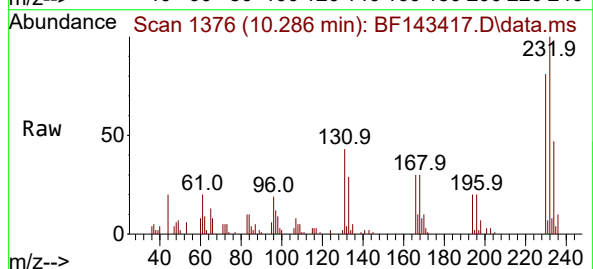


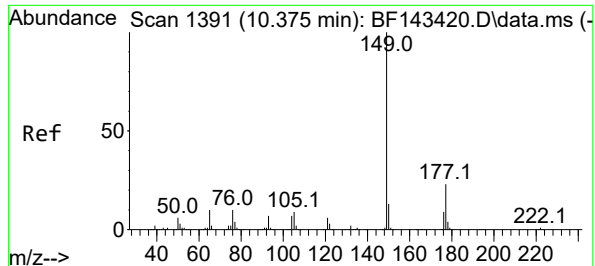
Tgt Ion:166 Resp: 109812
Ion Ratio Lower Upper
166 100
165 96.5 79.0 118.6
167 12.8 10.9 16.3



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.611 ng
RT: 10.286 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

Tgt Ion:232 Resp: 20210
Ion Ratio Lower Upper
232 100
131 42.2 32.0 48.0
130 1.8 1.7 2.5
166 27.9 21.7 32.5





#60

Diethylphthalate

Concen: 5.676 ng

RT: 10.369 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

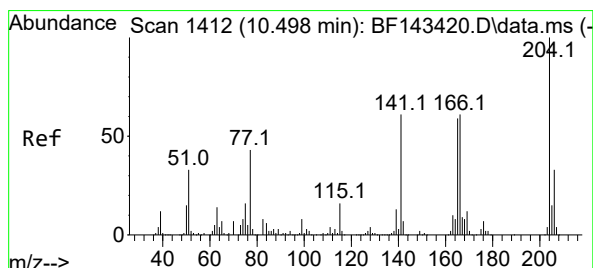
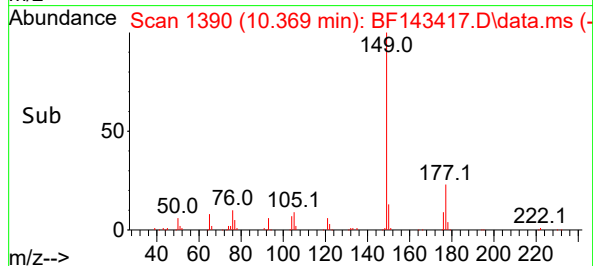
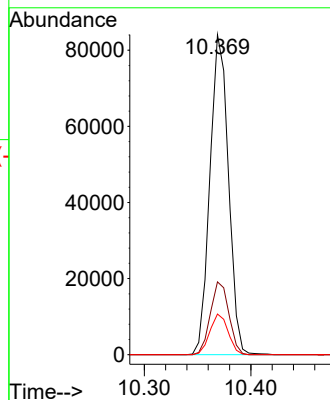
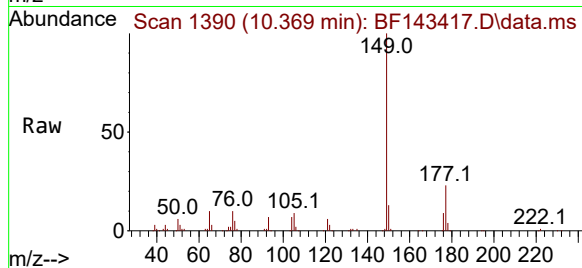
Tgt Ion:149 Resp: 101540

Ion Ratio Lower Upper

149 100

177 22.7 18.2 27.4

150 12.7 10.1 15.1



#61

4-Chlorophenyl-phenylether

Concen: 5.669 ng

RT: 10.498 min Scan# 1412

Delta R.T. -0.000 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

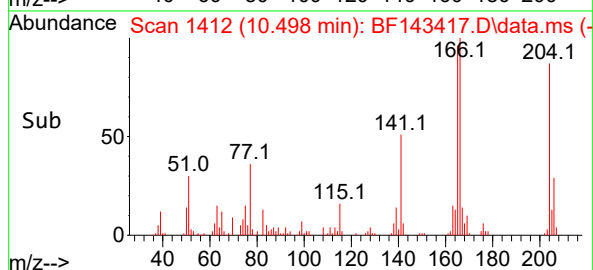
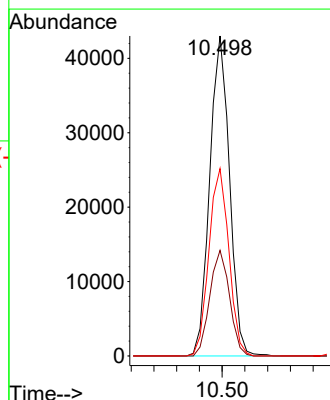
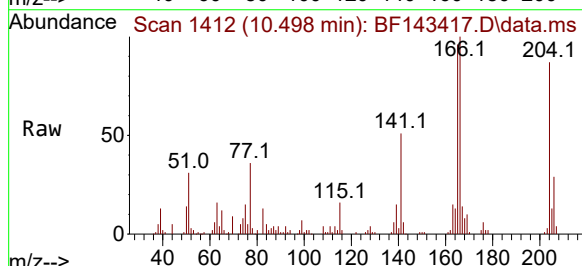
Tgt Ion:204 Resp: 51941

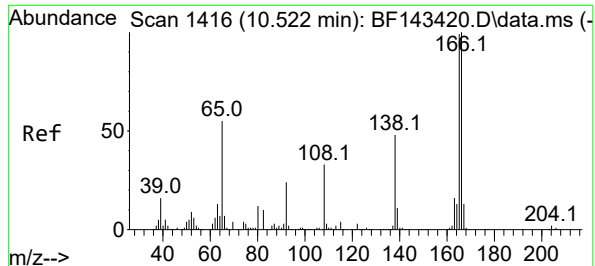
Ion Ratio Lower Upper

204 100

206 33.0 26.5 39.7

141 58.6 49.0 73.4

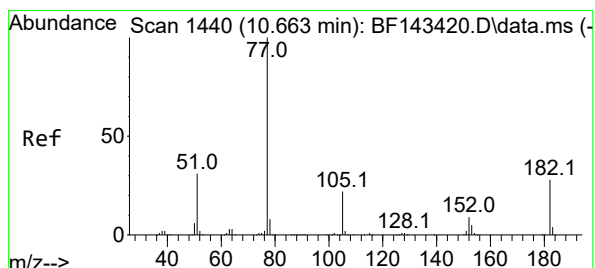
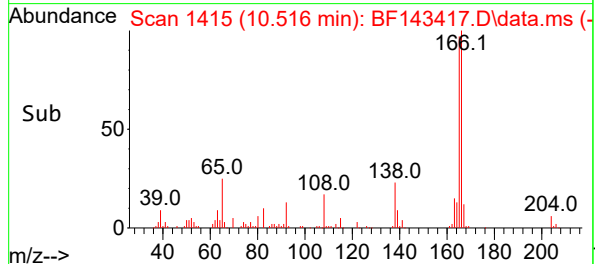
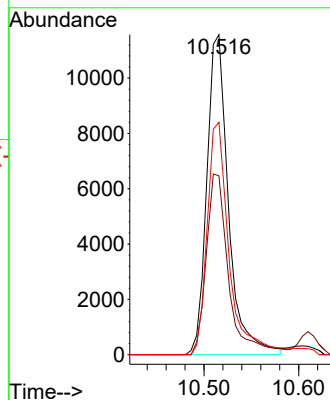
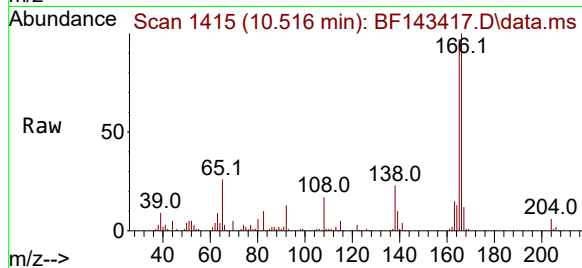




#62
4-Nitroaniline
Concen: 4.621 ng
RT: 10.516 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

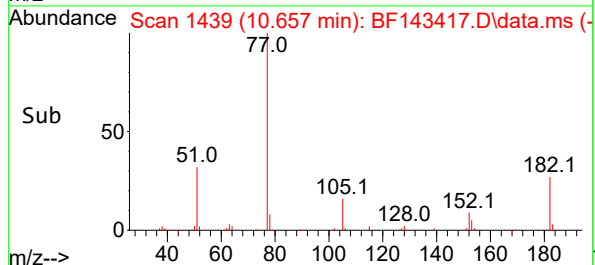
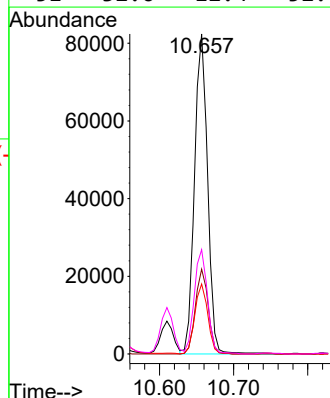
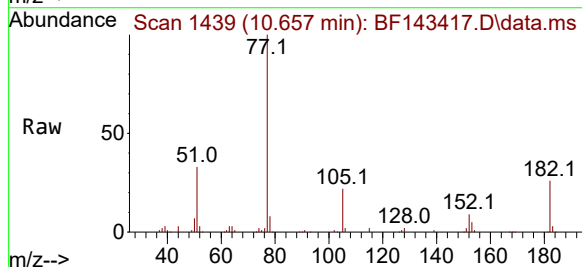
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

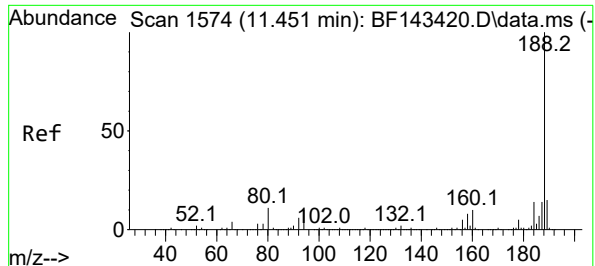
Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.9	29.4	69.4
108	72.7	48.6	88.6



#63
Azobenzene
Concen: 5.586 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.5	7.4	47.4
105	21.9	1.7	41.7
51	32.6	12.4	52.4

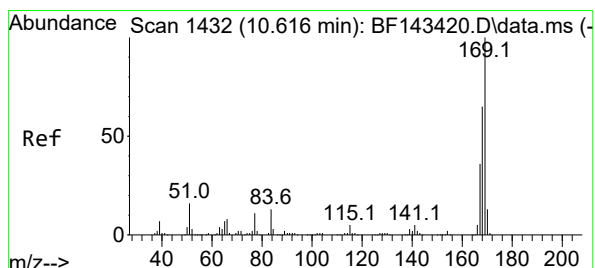
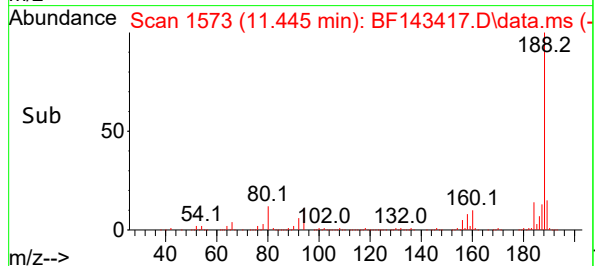
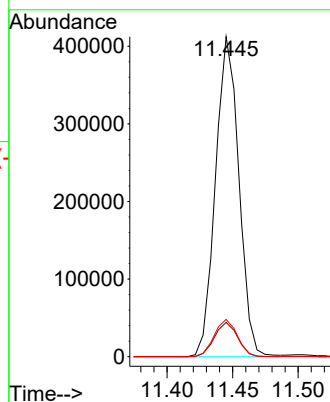
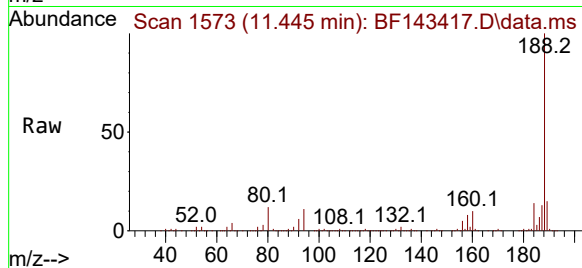




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

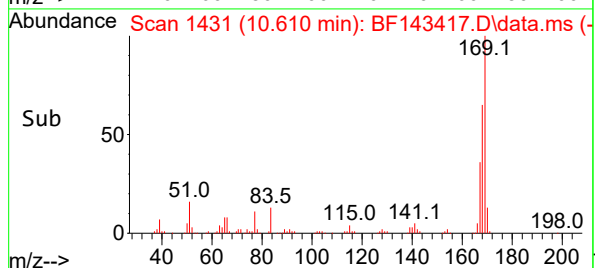
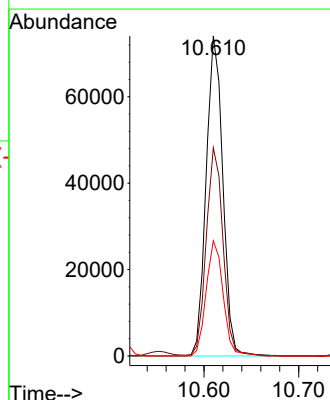
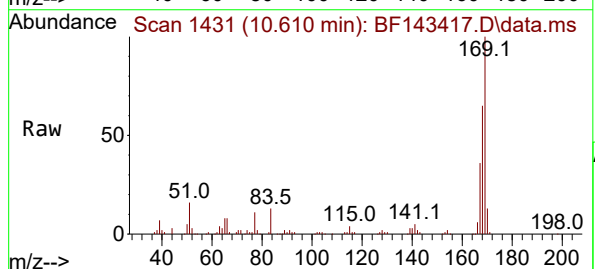
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

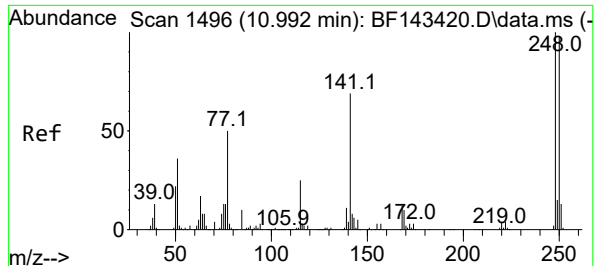
Tgt Ion:188 Resp: 510641
Ion Ratio Lower Upper
188 100
94 10.7 8.0 12.0
80 11.7 8.6 12.8



#66
n-Nitrosodiphenylamine
Concen: 5.439 ng
RT: 10.610 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

Tgt Ion:169 Resp: 90311
Ion Ratio Lower Upper
169 100
168 65.1 52.5 78.7
167 36.0 28.6 42.8

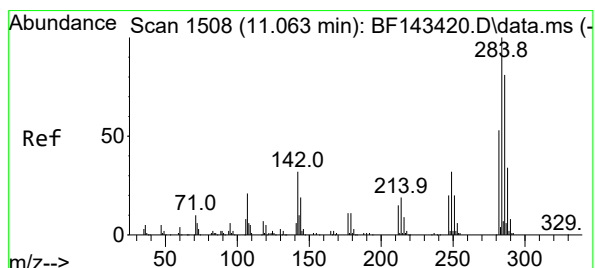
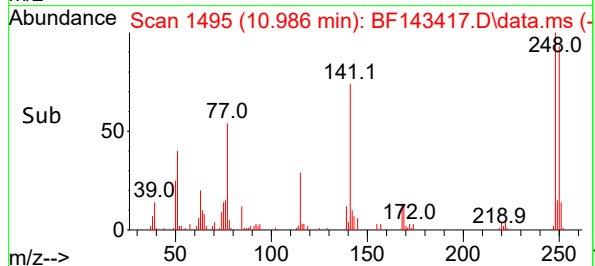
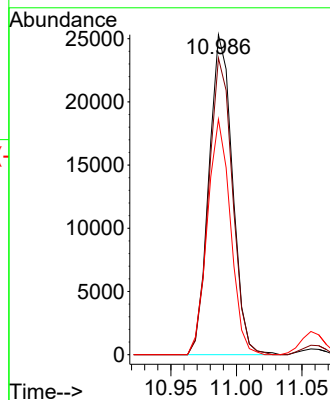
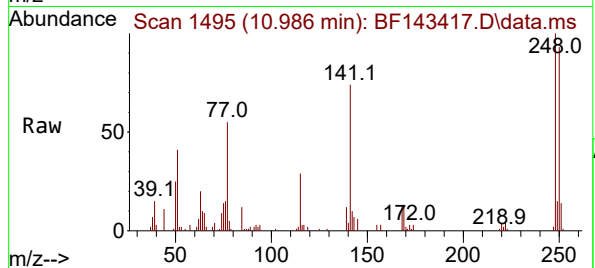




#67
4-Bromophenyl-phenylether
Concen: 5.249 ng
RT: 10.986 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

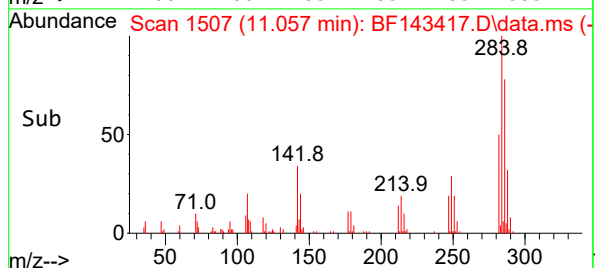
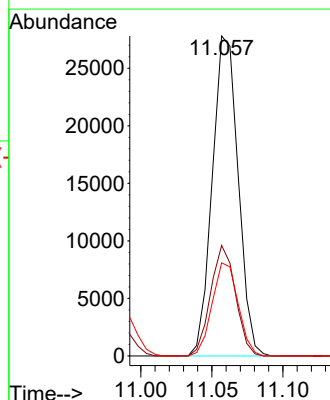
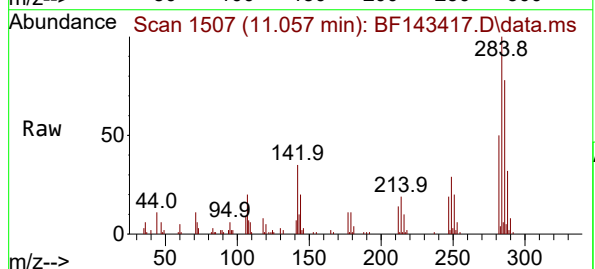
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

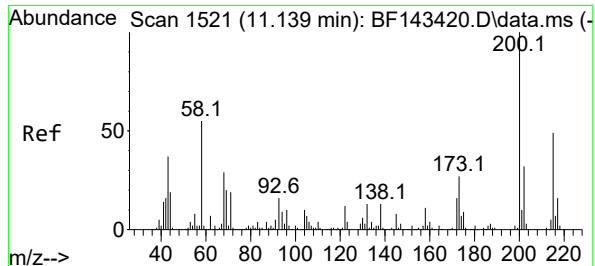
Tgt Ion:248 Resp: 31653
Ion Ratio Lower Upper
248 100
250 92.7 78.6 118.0
141 73.6 54.9 82.3



#68
Hexachlorobenzene
Concen: 5.494 ng
RT: 11.057 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

Tgt Ion:284 Resp: 35216
Ion Ratio Lower Upper
284 100
142 34.5 25.4 38.2
249 29.1 25.4 38.0





#69

Atrazine

Concen: 4.952 ng

RT: 11.133 min Scan# 1520

Delta R.T. -0.006 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

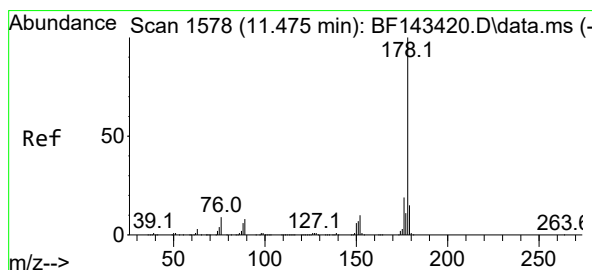
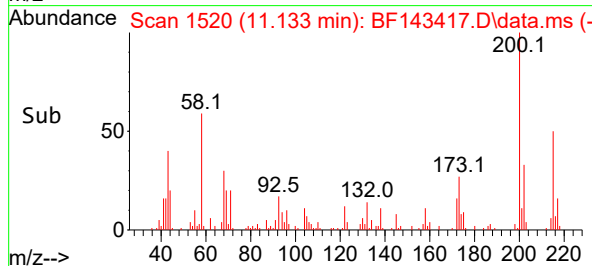
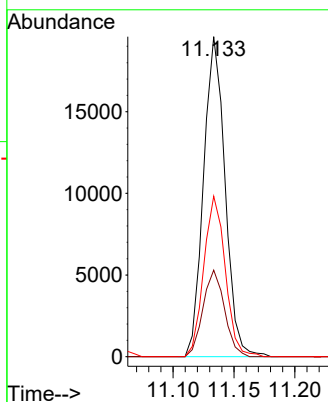
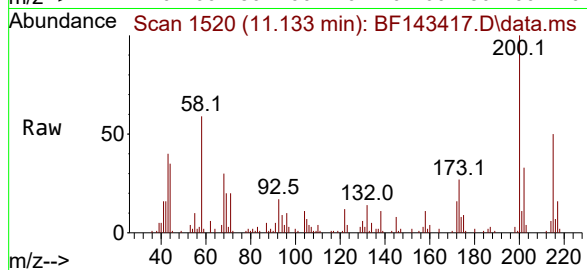
Tgt Ion:200 Resp: 24051

Ion Ratio Lower Upper

200 100

173 27.1 6.6 46.6

215 50.1 29.5 69.5



#71

Phenanthrene

Concen: 5.713 ng

RT: 11.469 min Scan# 1577

Delta R.T. -0.006 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

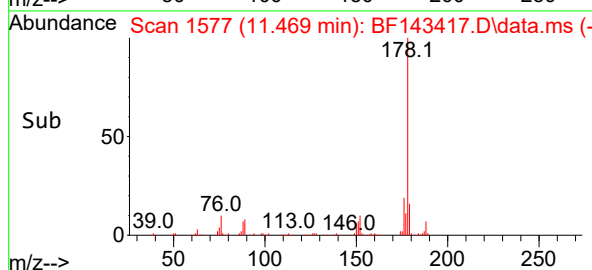
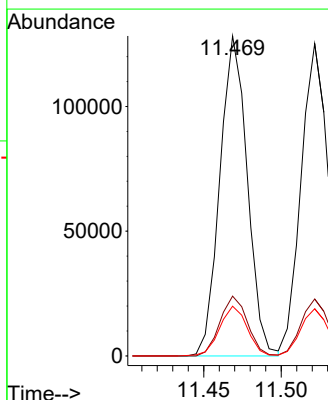
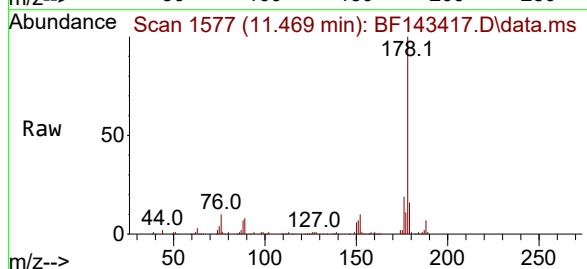
Tgt Ion:178 Resp: 157990

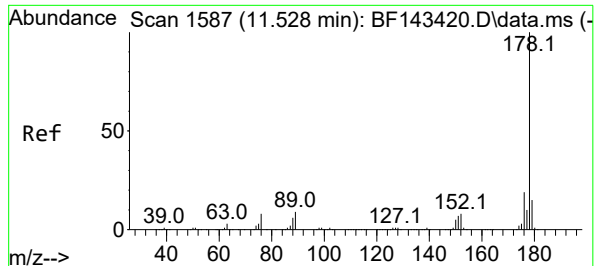
Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

179 15.6 12.3 18.5

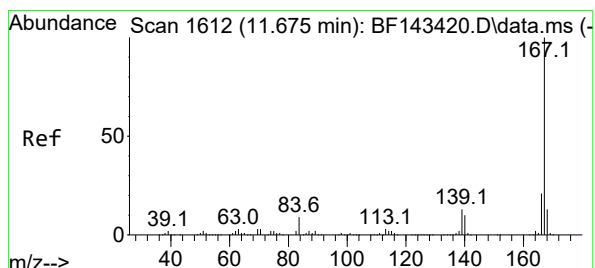
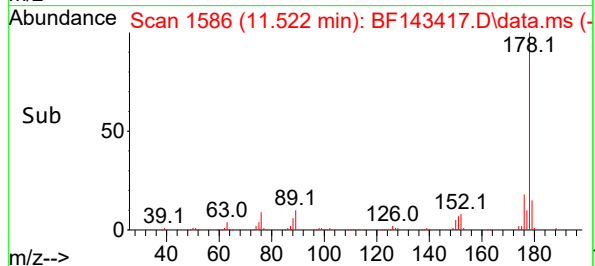
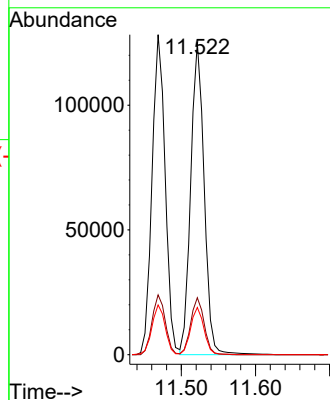
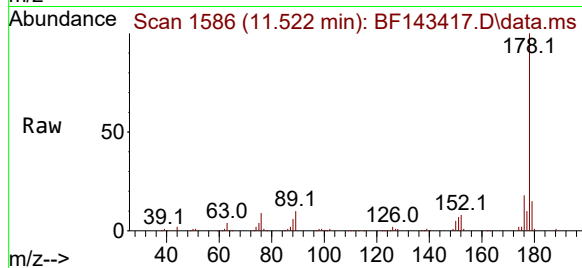




#72
Anthracene
Concen: 5.649 ng
RT: 11.522 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

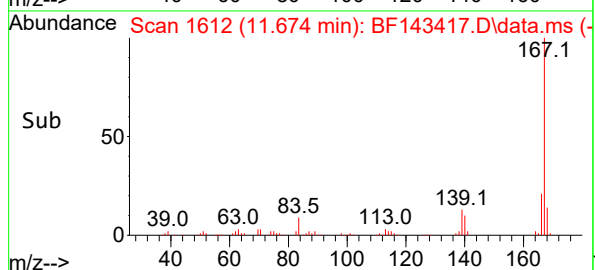
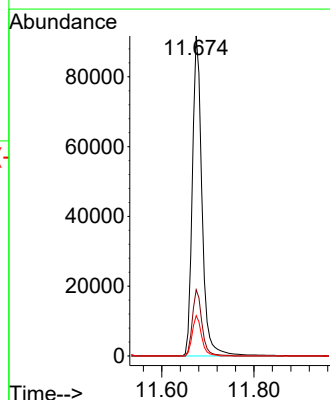
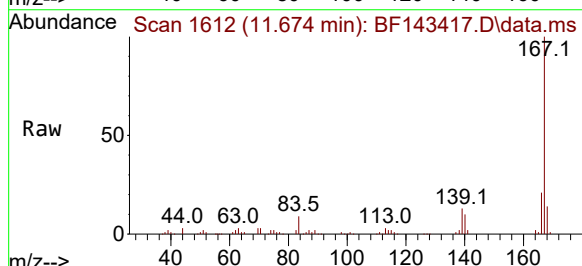
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

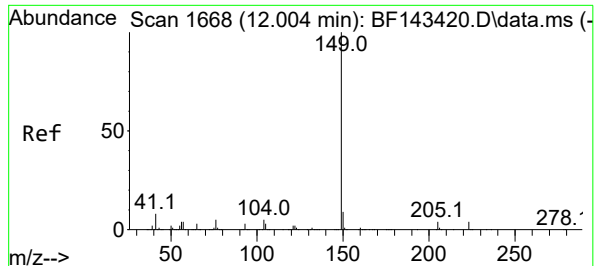
Tgt Ion:178 Resp: 157773
Ion Ratio Lower Upper
178 100
176 18.2 14.8 22.2
179 15.1 12.2 18.4



#73
Carbazole
Concen: 5.643 ng
RT: 11.674 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

Tgt Ion:167 Resp: 133302
Ion Ratio Lower Upper
167 100
166 20.7 17.2 25.8
139 12.6 10.1 15.1

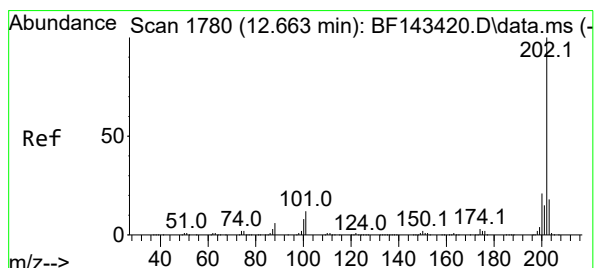
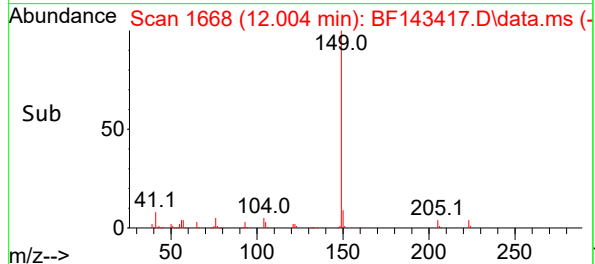
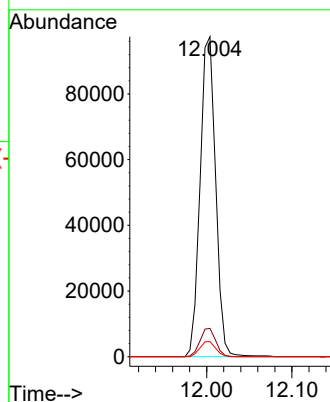
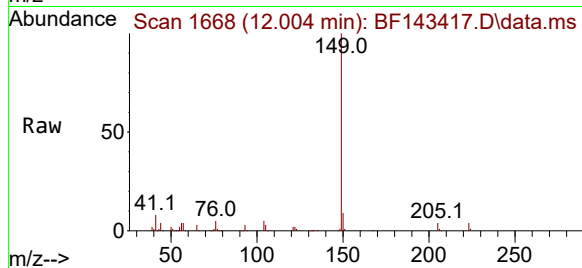




#74
Di-n-butylphthalate
Concen: 5.238 ng
RT: 12.004 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

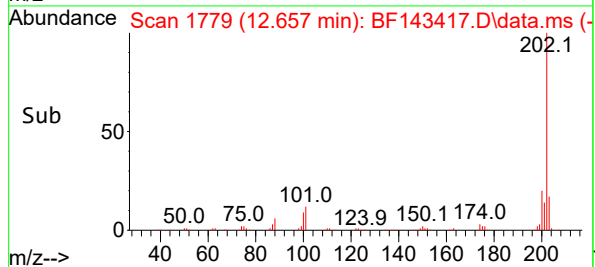
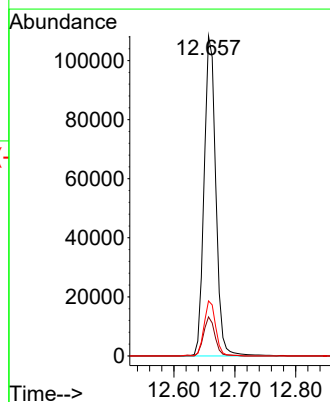
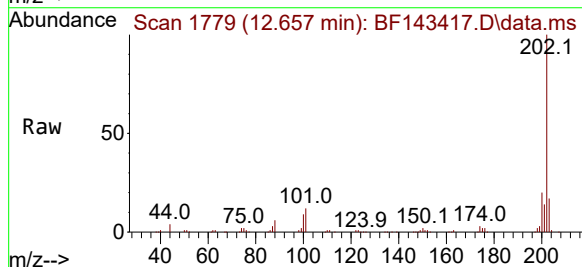
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

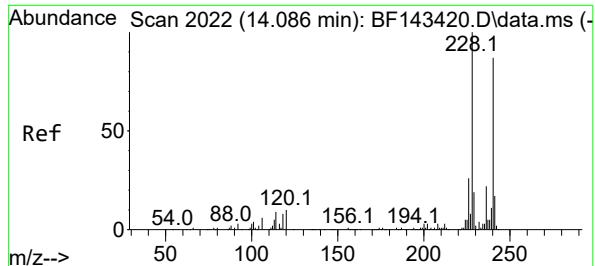
Tgt Ion:149 Resp: 123223
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 4.7 3.8 5.6



#75
Fluoranthene
Concen: 5.863 ng
RT: 12.657 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

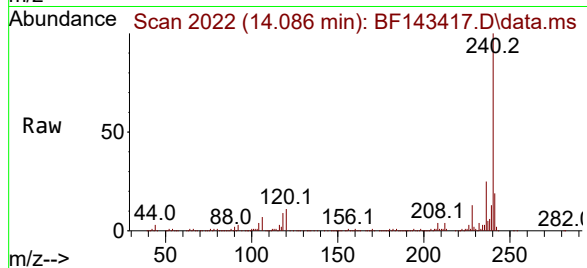
Tgt Ion:202 Resp: 144049
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.5
203 17.2 0.0 37.5



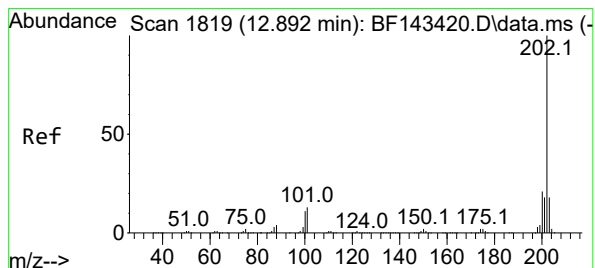
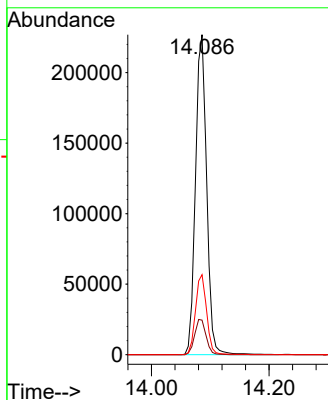
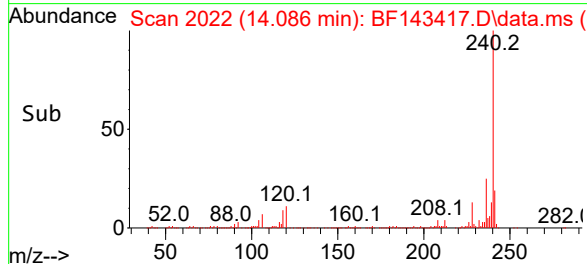


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

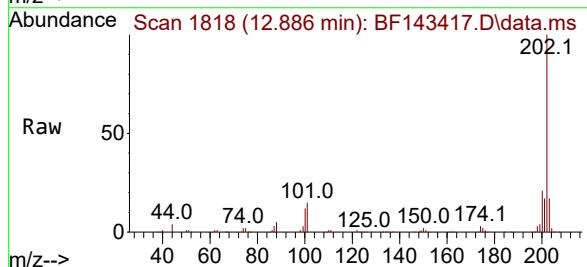
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



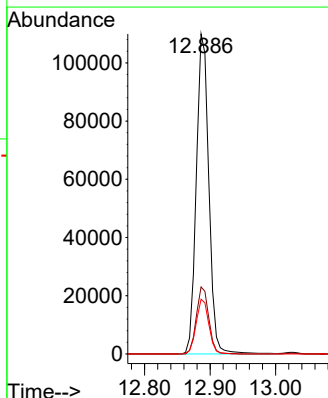
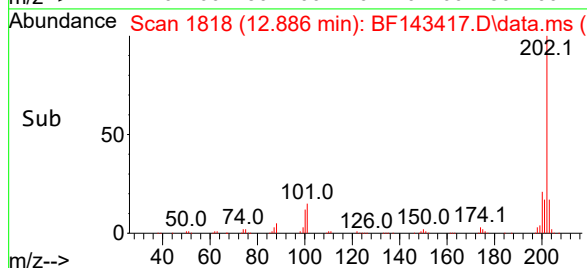
Tgt Ion:240 Resp: 299111
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.4
236 25.0 20.2 30.2

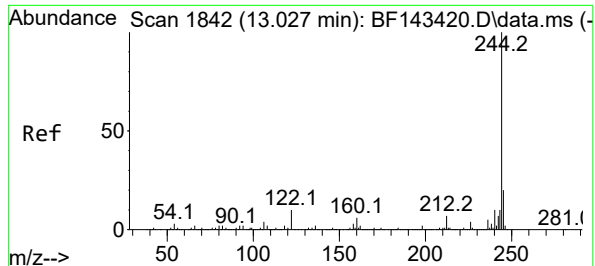


#78
Pyrene
Concen: 5.633 ng
RT: 12.886 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58



Tgt Ion:202 Resp: 146451
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 17.1 14.2 21.2





#79

Terphenyl-d14

Concen: 11.881 ng

RT: 13.027 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

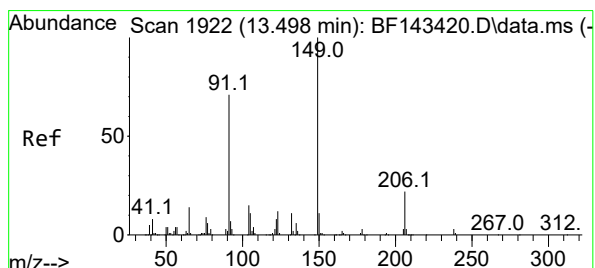
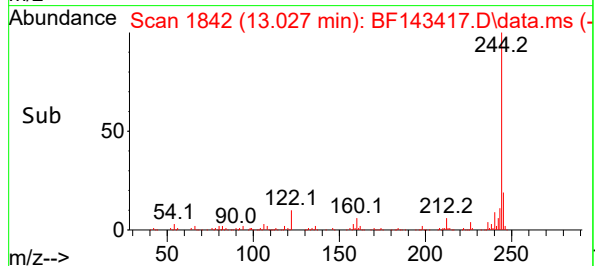
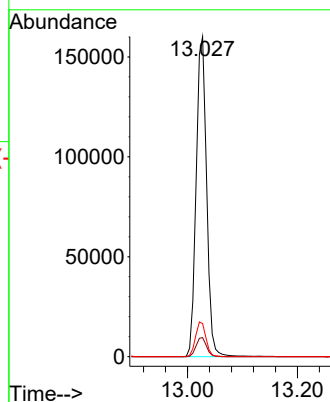
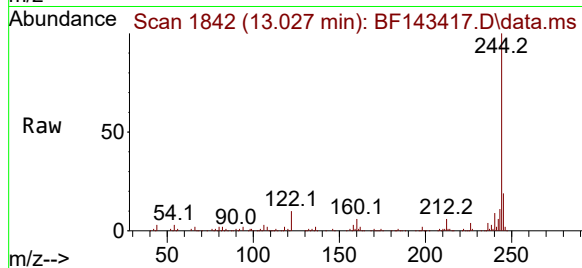
Tgt Ion:244 Resp: 211547

Ion Ratio Lower Upper

244 100

212 6.0 5.2 7.8

122 10.4 8.3 12.5



#80

Butylbenzylphthalate

Concen: 4.093 ng

RT: 13.498 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

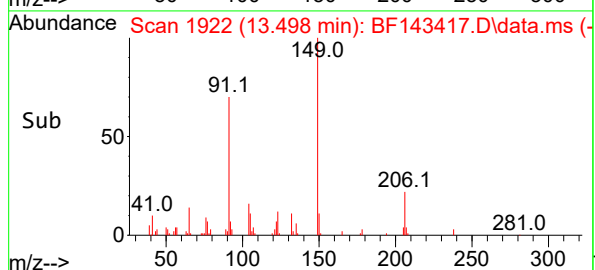
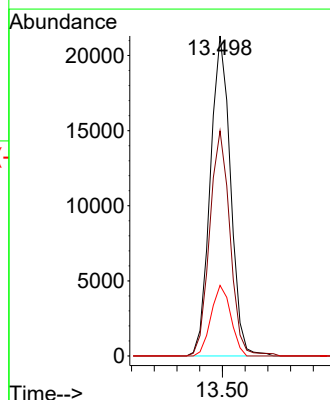
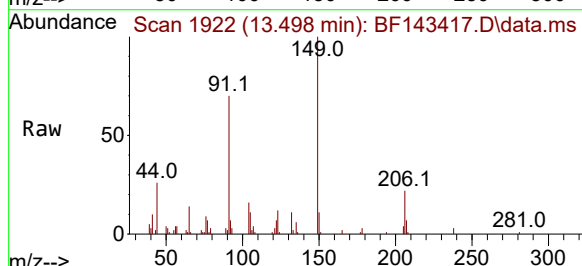
Tgt Ion:149 Resp: 26359

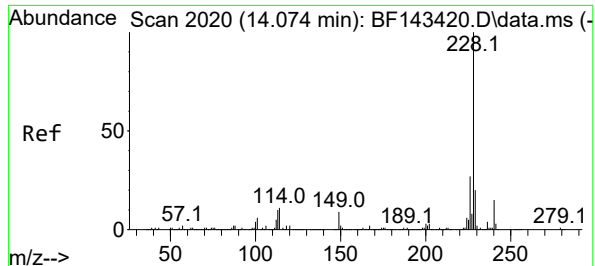
Ion Ratio Lower Upper

149 100

91 70.3 57.0 85.4

206 22.0 17.6 26.4

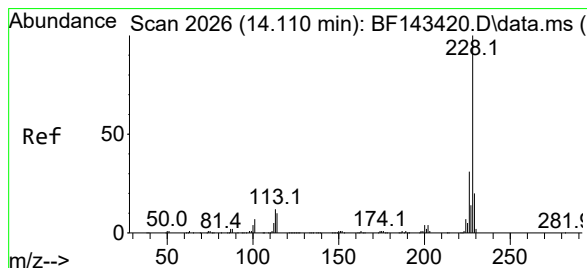
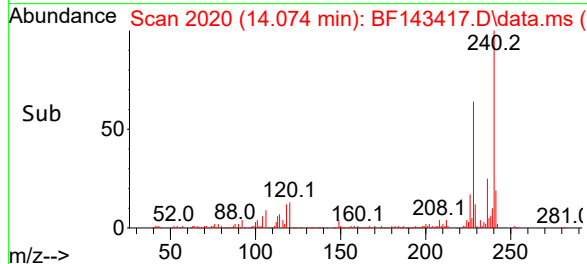
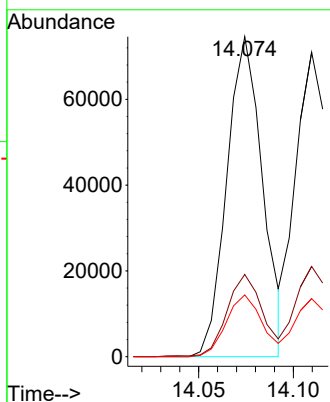
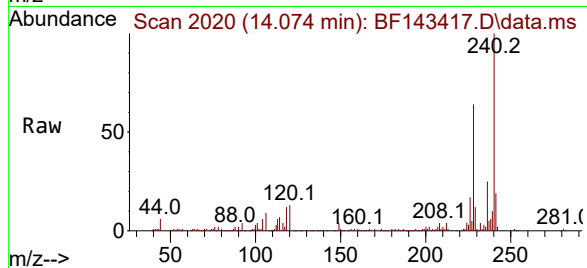




#81
Benzo(a)anthracene
Concen: 5.151 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

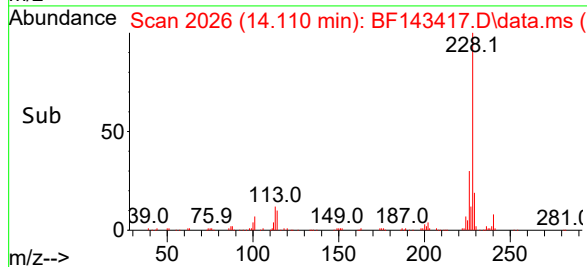
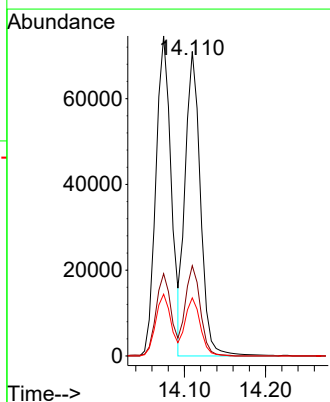
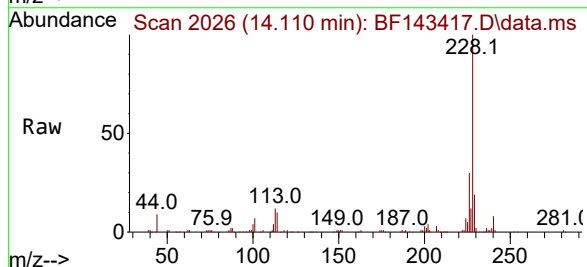
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

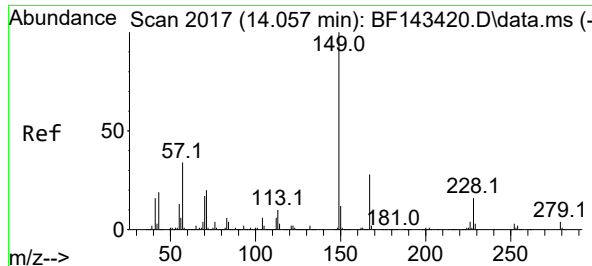
Tgt Ion:228 Resp: 98096
Ion Ratio Lower Upper
228 100
226 25.7 21.5 32.3
229 19.3 15.7 23.5



#83
Chrysene
Concen: 5.267 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

Tgt Ion:228 Resp: 92720
Ion Ratio Lower Upper
228 100
226 29.6 24.3 36.5
229 19.1 16.1 24.1

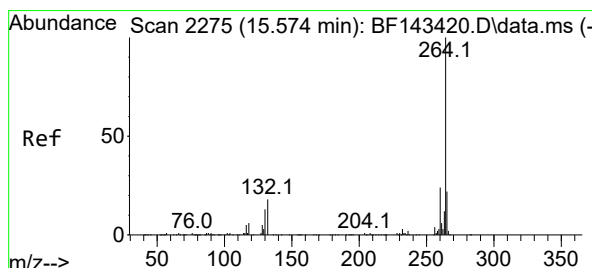
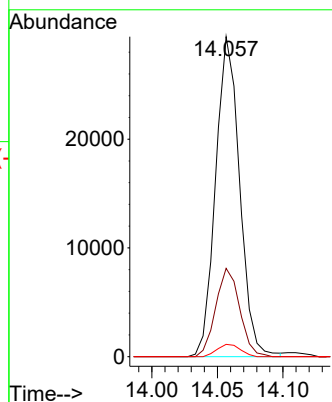
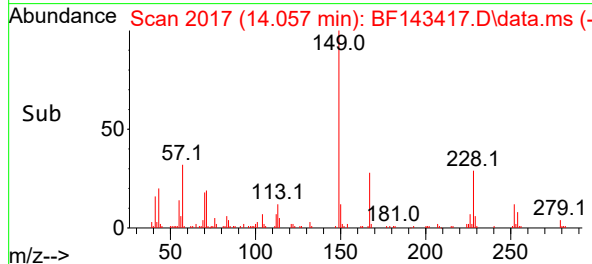
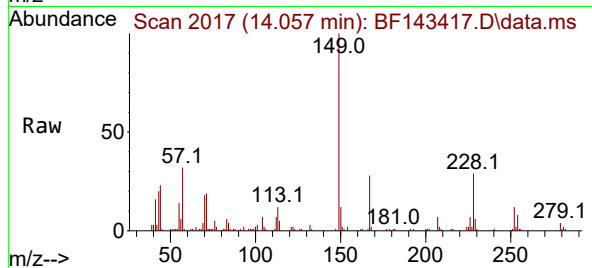




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.092 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

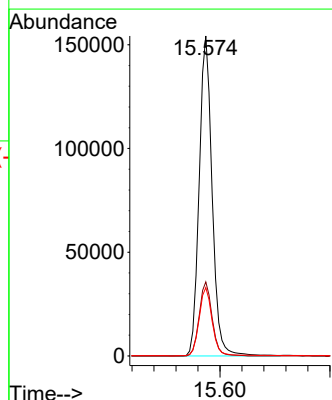
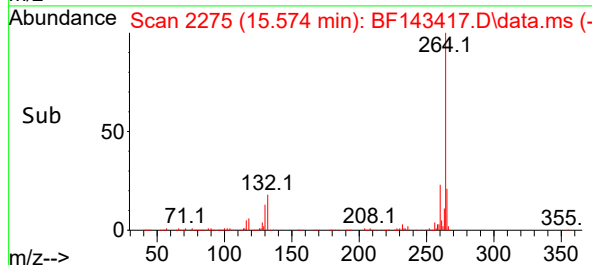
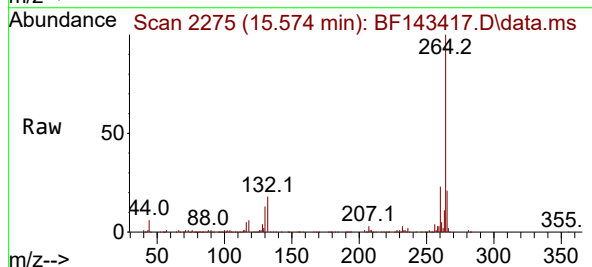
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

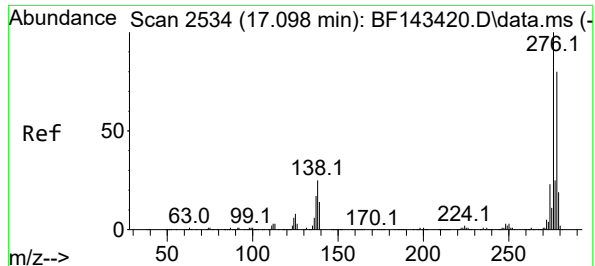
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.6	33.8
279	3.9	3.5	5.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF143417.D
Acq: 15 Aug 2025 14:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	21.3	17.4	26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.198 ng

RT: 17.086 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

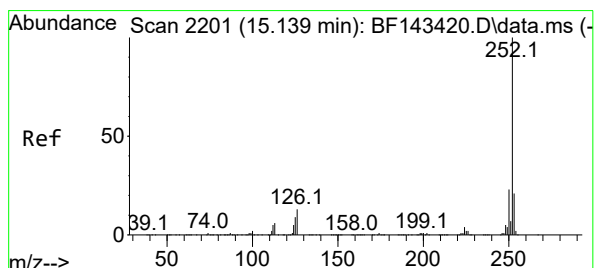
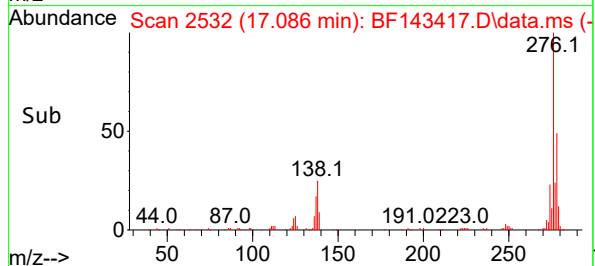
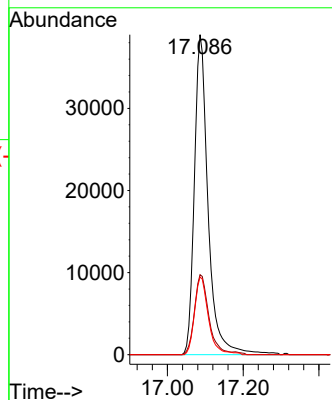
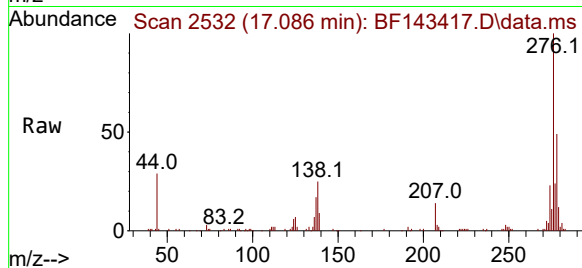
Tgt Ion:276 Resp: 98443

Ion Ratio Lower Upper

276 100

138 26.2 20.2 30.4

277 24.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 5.348 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

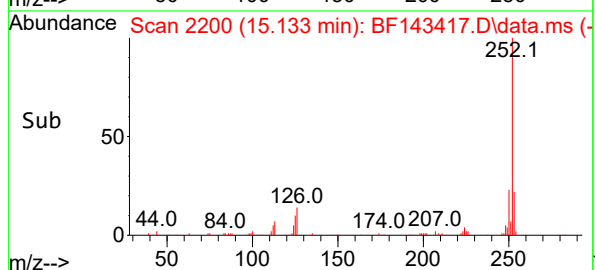
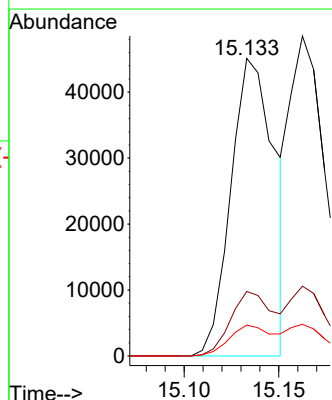
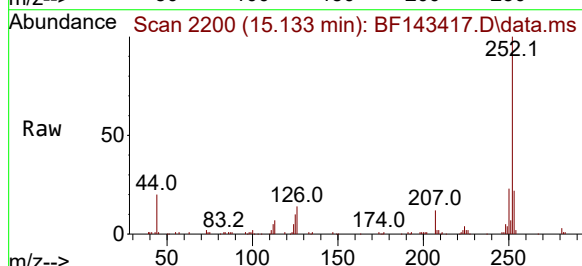
Tgt Ion:252 Resp: 72392

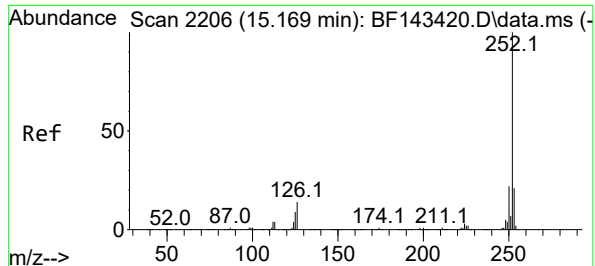
Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 10.4 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 5.128 ng

RT: 15.162 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

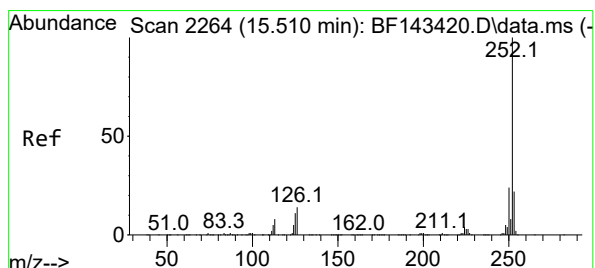
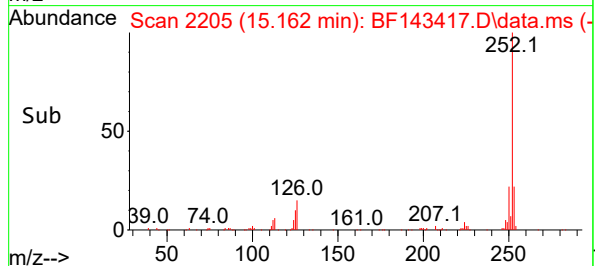
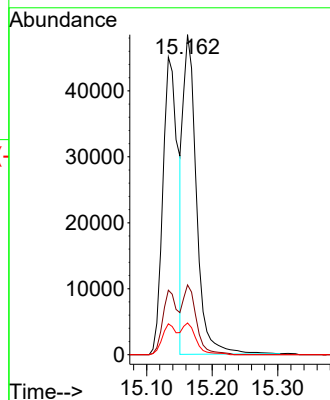
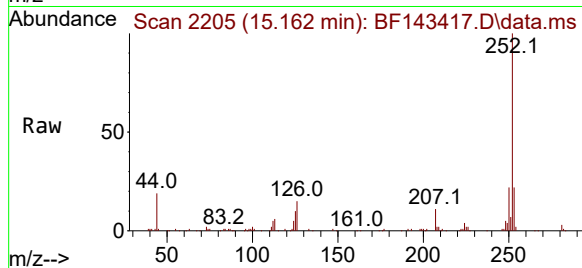
Tgt Ion:252 Resp: 68462

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 9.9 7.4 11.2



#90

Benzo(a)pyrene

Concen: 4.920 ng

RT: 15.510 min Scan# 2264

Delta R.T. -0.000 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

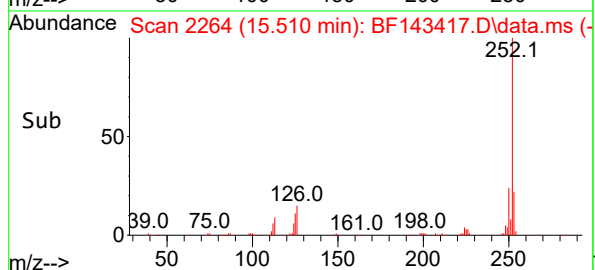
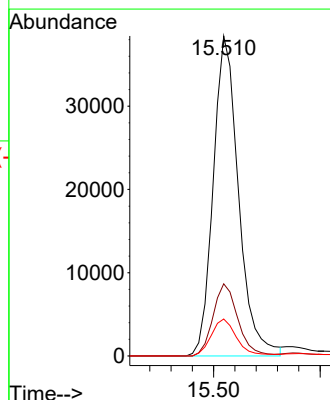
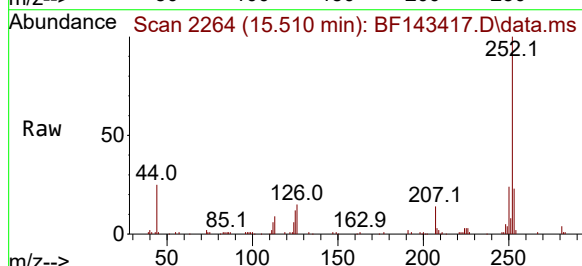
Tgt Ion:252 Resp: 63426

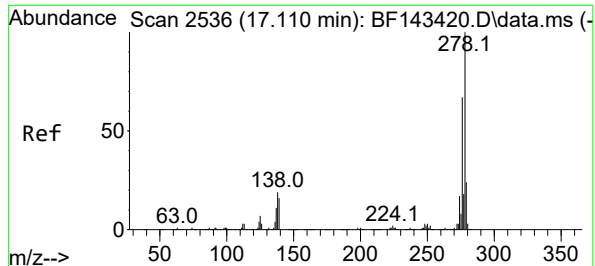
Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

125 11.6 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 5.092 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

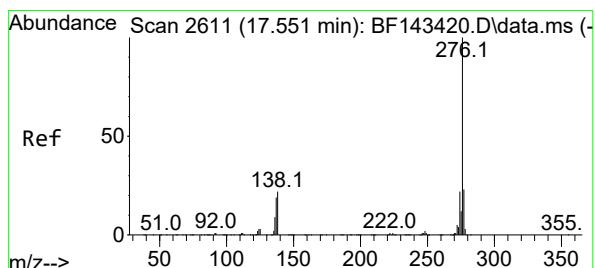
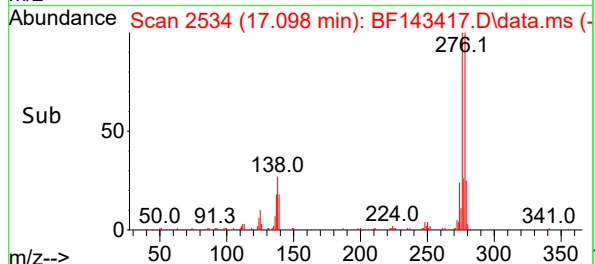
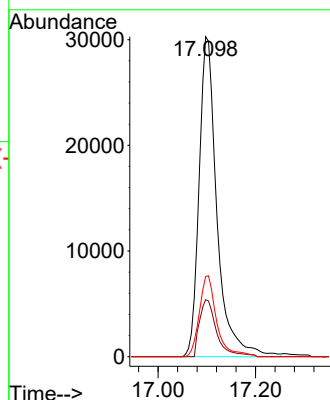
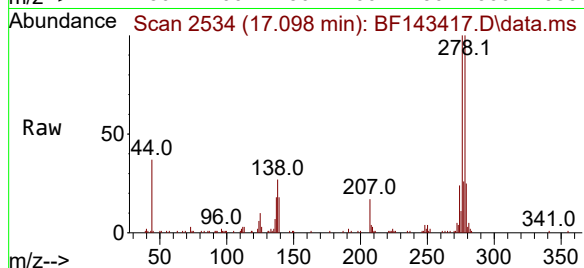
Tgt Ion:278 Resp: 77441

Ion Ratio Lower Upper

278 100

139 17.8 12.9 19.3

279 25.0 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 5.136 ng

RT: 17.545 min Scan# 2610

Delta R.T. -0.006 min

Lab File: BF143417.D

Acq: 15 Aug 2025 14:58

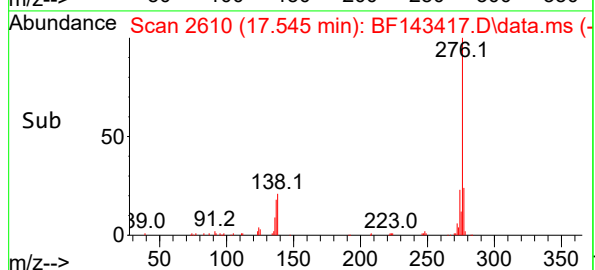
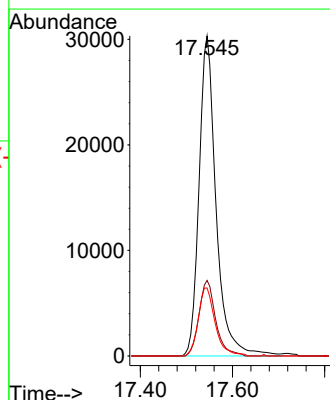
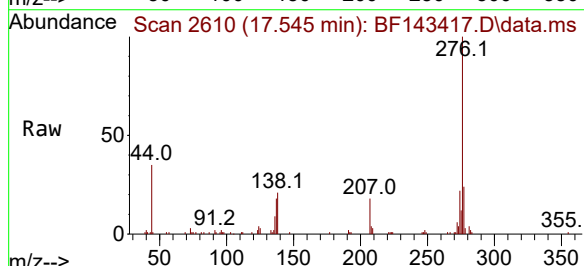
Tgt Ion:276 Resp: 78027

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 21.3 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143418.D
 Acq On : 15 Aug 2025 15:28
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/18/2025
 Supervised By :Jagrut Upadhyay 08/18/2025

Quant Time: Aug 15 18:25:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:23:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	126172	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	489700	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	268983	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	437552	20.000	ng	0.00
76) Chrysene-d12	14.086	240	267863	20.000	ng	0.00
86) Perylene-d12	15.574	264	237224	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	147543	20.328	ng	0.00
7) Phenol-d6	6.551	99	188455	20.603	ng	0.00
23) Nitrobenzene-d5	7.481	82	162906	19.740	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	47446	19.817	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	360367	22.534	ng	0.00
79) Terphenyl-d14	13.022	244	341694	21.429	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	35300	10.104	ng	97
3) Pyridine	3.522	79	86732	9.465	ng	99
4) n-Nitrosodimethylamine	3.434	42	40435	9.494	ng	# 98
6) Aniline	6.587	93	124989	10.065	ng	98
8) 2-Chlorophenol	6.716	128	81382	10.156	ng	98
9) Benzaldehyde	6.475	77	65816	13.525	ng	99
10) Phenol	6.569	94	110158	10.320	ng	93
11) bis(2-Chloroethyl)ether	6.651	93	79743	10.079	ng	98
12) 1,3-Dichlorobenzene	6.869	146	93323	10.397	ng	99
13) 1,4-Dichlorobenzene	6.945	146	93524	10.436	ng	99
14) 1,2-Dichlorobenzene	7.098	146	89646	10.473	ng	98
15) Benzyl Alcohol	7.063	79	64998	9.636	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.192	45	142528	10.537	ng	99
17) 2-Methylphenol	7.175	107	65382	10.000	ng	97
18) Hexachloroethane	7.440	117	30528	10.008	ng	99
19) n-Nitroso-di-n-propyla...	7.328	70	59208	10.456	ng	99
20) 3+4-Methylphenols	7.328	107	83322	10.659	ng	91
22) Acetophenone	7.328	105	112365	10.672	ng	100
24) Nitrobenzene	7.498	77	84934	9.847	ng	98
25) Isophorone	7.739	82	157251	9.956	ng	99
26) 2-Nitrophenol	7.822	139	36495	9.127	ng	99
27) 2,4-Dimethylphenol	7.857	122	70092	10.368	ng	97
28) bis(2-Chloroethoxy)met...	7.951	93	99022	10.200	ng	100
29) 2,4-Dichlorophenol	8.069	162	68826	9.987	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	73076	10.349	ng	96
31) Naphthalene	8.228	128	241652	10.394	ng	100
32) Benzoic acid	7.951	122	27803m	7.945	ng	
33) 4-Chloroaniline	8.275	127	86081	10.258	ng	98
34) Hexachlorobutadiene	8.351	225	45348	10.071	ng	97
35) Caprolactam	8.610	113	18911	9.531	ng	96
36) 4-Chloro-3-methylphenol	8.751	107	71072	10.013	ng	100
37) 2-Methylnaphthalene	8.922	142	166073	10.598	ng	100
38) 1-Methylnaphthalene	9.016	142	159110	10.597	ng	99
40) 1,2,4,5-Tetrachloroben...	9.086	216	78936	10.523	ng	98
41) Hexachlorocyclopentadiene	9.075	237	11930	10.597	ng	98
43) 2,4,6-Trichlorophenol	9.198	196	45852	9.798	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143418.D
 Acq On : 15 Aug 2025 15:28
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/18/2025
 Supervised By :Jagrut Upadhyay 08/18/2025

Quant Time: Aug 15 18:25:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:23:08 2025
 Response via : Initial Calibration

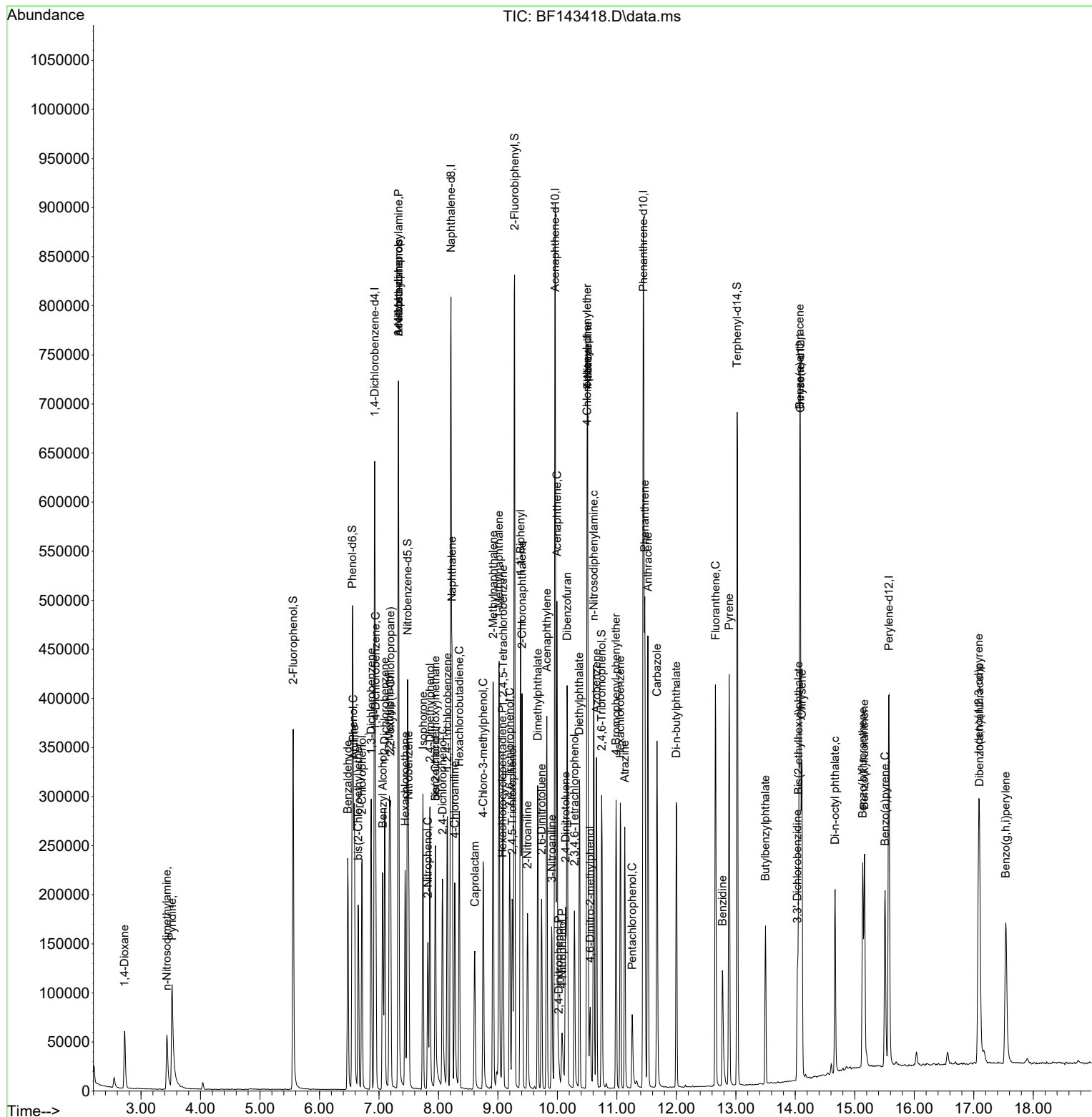
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	48096	9.588	ng	95
46) 1,1'-Biphenyl	9.381	154	204923	10.843	ng	98
47) 2-Chloronaphthalene	9.404	162	157909	10.585	ng	98
48) 2-Nitroaniline	9.498	65	42604	9.597	ng	99
49) Acenaphthylene	9.822	152	225908	10.488	ng	99
50) Dimethylphthalate	9.669	163	173912	10.371	ng	100
51) 2,6-Dinitrotoluene	9.733	165	30248	9.150	ng	95
52) Acenaphthene	9.992	154	151452	10.454	ng	99
53) 3-Nitroaniline	9.904	138	35157	9.547	ng	94
54) 2,4-Dinitrophenol	10.022	184	7904	10.543	ng	95
55) Dibenzofuran	10.163	168	224434	10.739	ng	100
56) 4-Nitrophenol	10.081	139	17626	7.613	ng	94
57) 2,4-Dinitrotoluene	10.139	165	41418	9.397	ng	96
58) Fluorene	10.510	166	177326	11.045	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	35679	9.397	ng	97
60) Diethylphthalate	10.369	149	165814	10.700	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	85166	10.729	ng	99
62) 4-Nitroaniline	10.510	138	34292	9.957	ng	98
63) Azobenzene	10.657	77	162818	10.395	ng	99
65) 4,6-Dinitro-2-methylph...	10.551	198	15949	7.065	ng	92
66) n-Nitrosodiphenylamine	10.610	169	145957	10.259	ng	99
67) 4-Bromophenyl-phenylether	10.986	248	51111	9.892	ng	97
68) Hexachlorobenzene	11.057	284	55212	10.051	ng	98
69) Atrazine	11.133	200	41393	9.947	ng	99
70) Pentachlorophenol	11.257	266	16946	6.949	ng	95
71) Phenanthrene	11.469	178	252765	10.668	ng	100
72) Anthracene	11.522	178	253551	10.595	ng	100
73) Carbazole	11.675	167	217667	10.754	ng	99
74) Di-n-butylphthalate	11.998	149	209808	10.409	ng	100
75) Fluoranthene	12.657	202	236882	11.251	ng	99
77) Benzidine	12.774	184	85270	11.245	ng	99
78) Pyrene	12.886	202	243992	10.480	ng	98
80) Butylbenzylphthalate	13.498	149	49871	8.648	ng	98
81) Benzo(a)anthracene	14.074	228	170857	10.019	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	40733	8.158	ng	97
83) Chrysene	14.110	228	158897	10.079	ng	98
84) Bis(2-ethylhexyl)phtha...	14.057	149	65928	8.050	ng	98
85) Di-n-octyl phthalate	14.668	149	123077	7.410	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	181838	10.222	ng	99
88) Benzo(b)fluoranthene	15.133	252	118835	9.347	ng	99
89) Benzo(k)fluoranthene	15.163	252	137759	10.985	ng	99
90) Benzo(a)pyrene	15.510	252	120666	9.964	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	148583	10.401	ng	99
92) Benzo(g,h,i)perylene	17.539	276	144617	10.133	ng	99

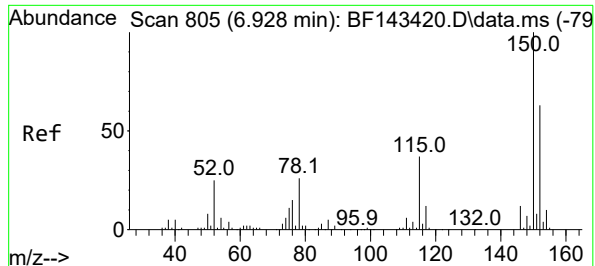
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Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

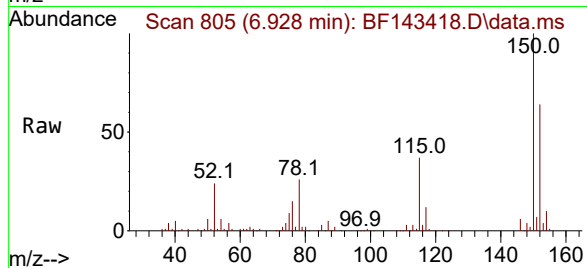
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jaagrut Upadhyay 08/18/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

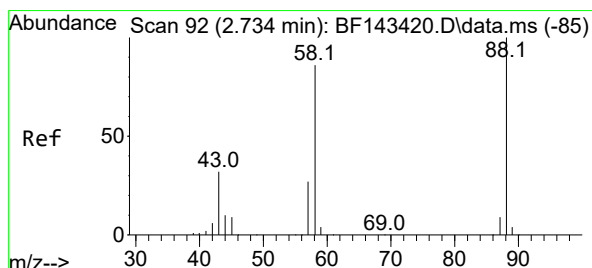
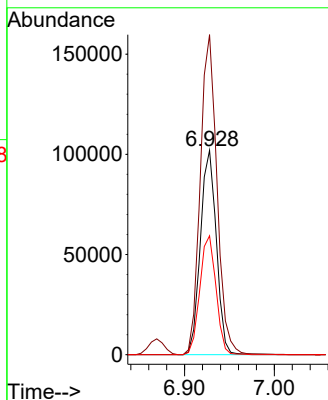
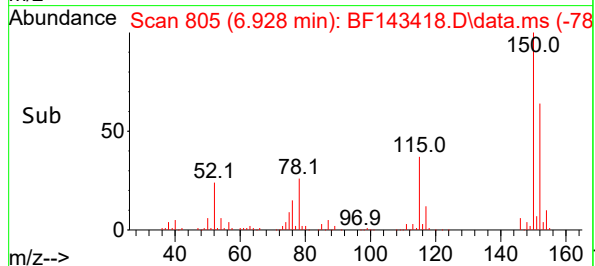
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 152 Resp: 126172
Ion Ratio Lower Upper
152 100
150 156.7 127.4 191.2
115 58.2 47.5 71.3

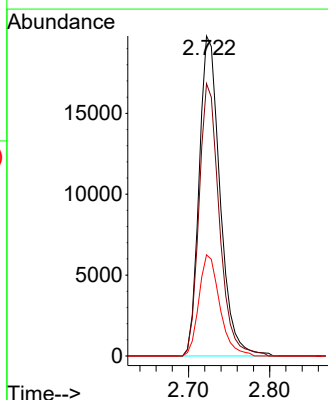
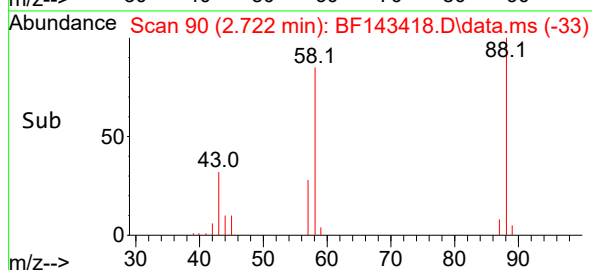
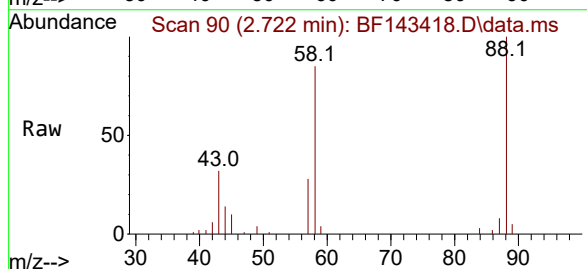
Manual Integrations
APPROVED

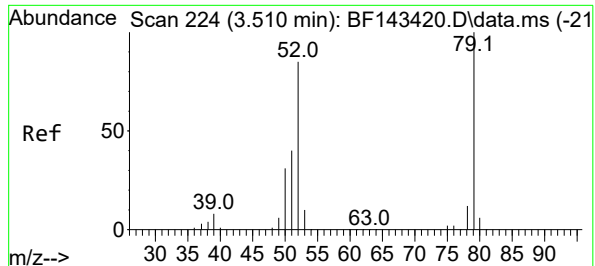
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#2
1,4-Dioxane
Concen: 10.104 ng
RT: 2.722 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

Tgt Ion: 88 Resp: 35300
Ion Ratio Lower Upper
88 100
58 82.8 68.7 103.1
43 31.6 26.1 39.1





#3

Pyridine

Concen: 9.465 ng

RT: 3.522 min Scan# 211

Delta R.T. 0.012 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 8673

Ion Ratio Lower Upper

79 100

52 84.1 67.7 101.5

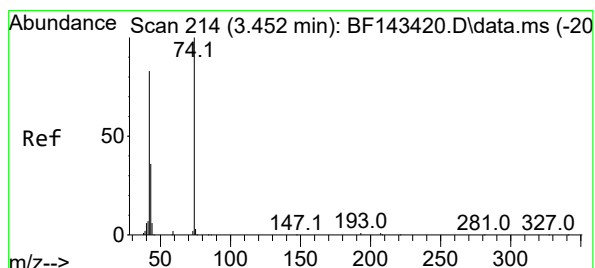
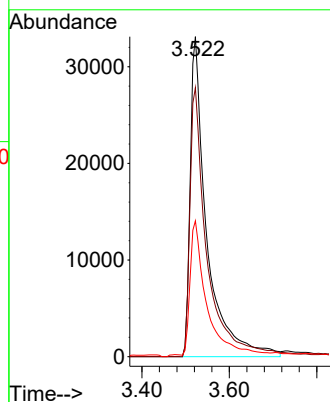
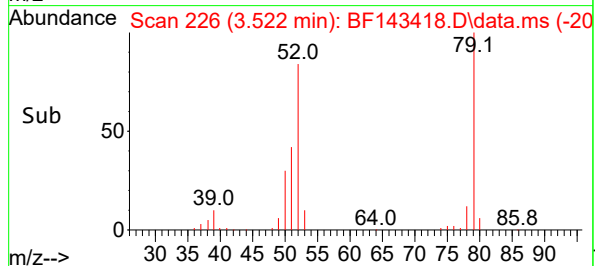
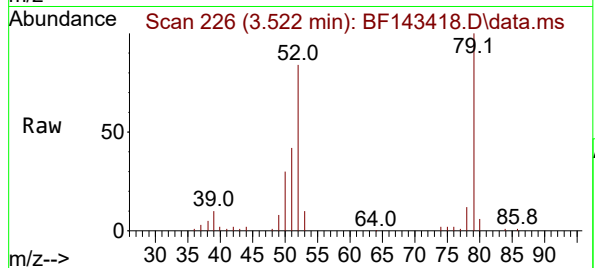
51 42.4 32.3 48.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#4

n-Nitrosodimethylamine

Concen: 9.494 ng

RT: 3.434 min Scan# 211

Delta R.T. -0.018 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

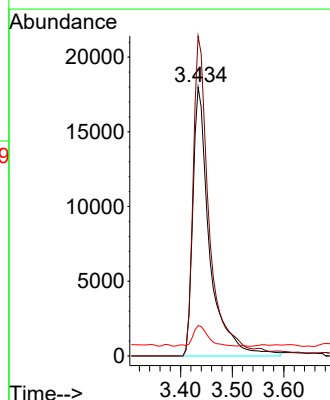
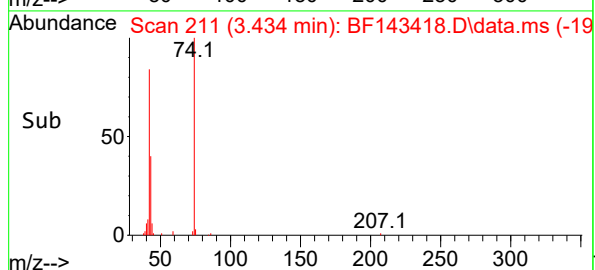
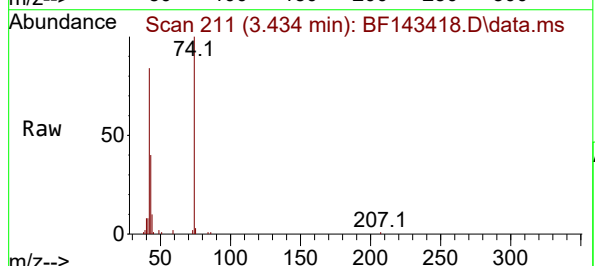
Tgt Ion: 42 Resp: 40435

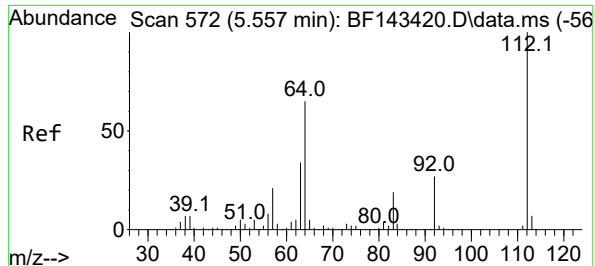
Ion Ratio Lower Upper

42 100

74 119.0 96.2 144.4

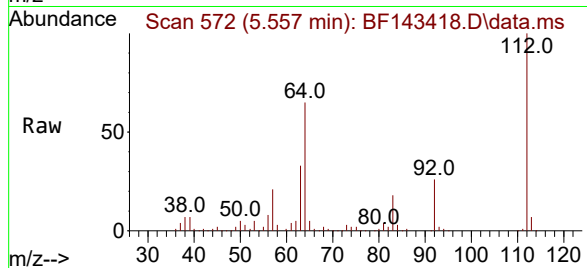
44 11.3 5.9 8.9#





#5
2-Fluorophenol
Concen: 20.328 ng
RT: 5.557 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

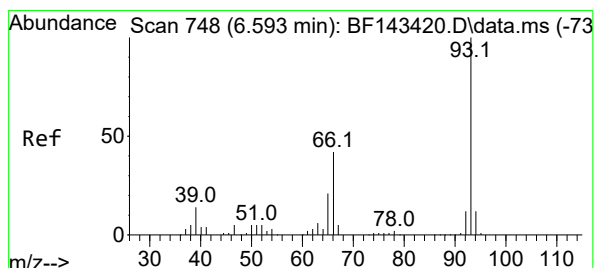
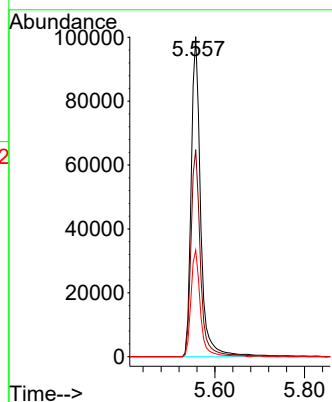
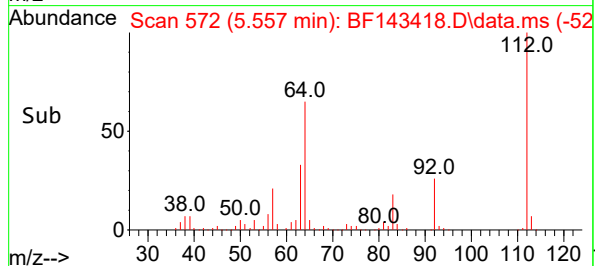
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:112 Resp: 14754
Ion Ratio Lower Upper
112 100
64 64.7 52.2 78.2
63 33.3 27.0 40.6

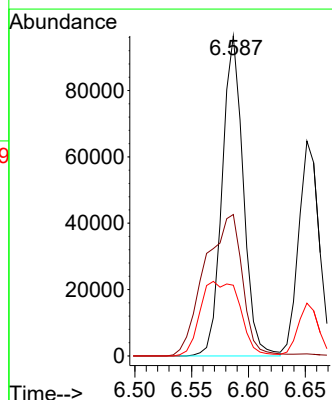
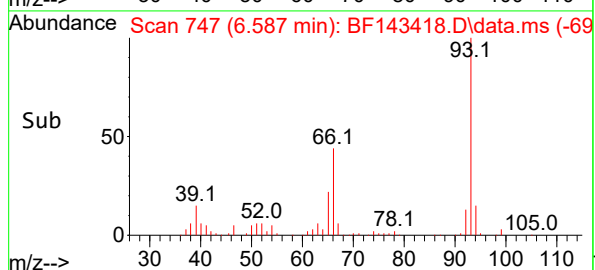
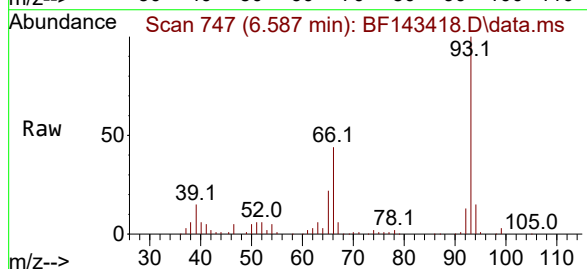
Manual Integrations
APPROVED

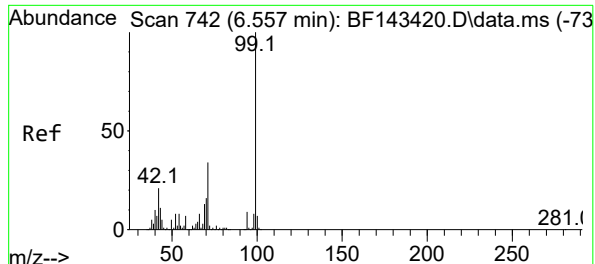
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#6
Aniline
Concen: 10.065 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

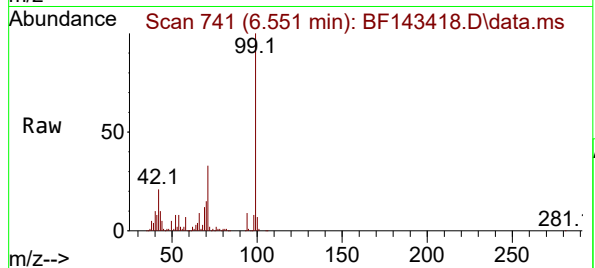
Tgt Ion: 93 Resp: 124989
Ion Ratio Lower Upper
93 100
66 44.2 33.8 50.8
65 22.1 17.2 25.8





#7
Phenol-d6
Concen: 20.603 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

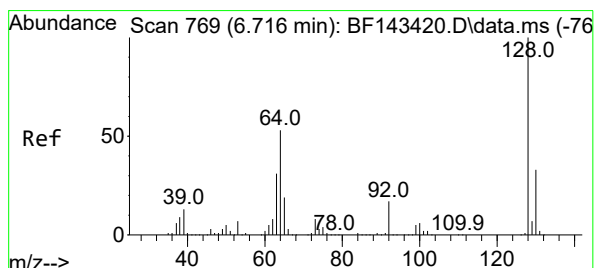
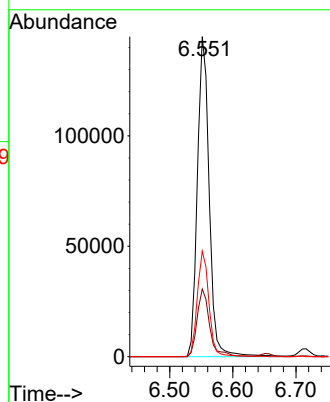
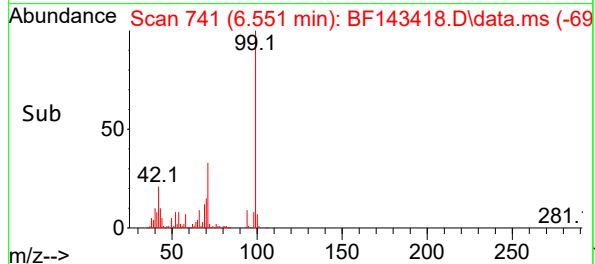
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 99 Resp: 18845
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 33.0 27.4 41.2

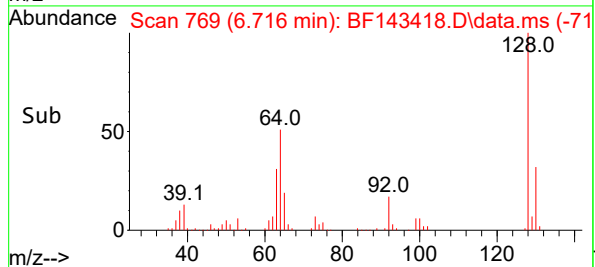
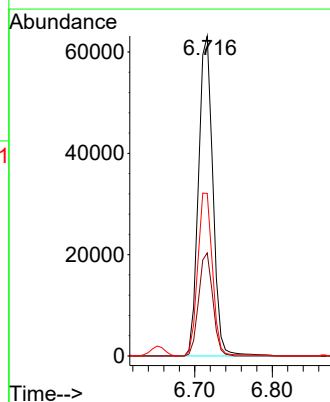
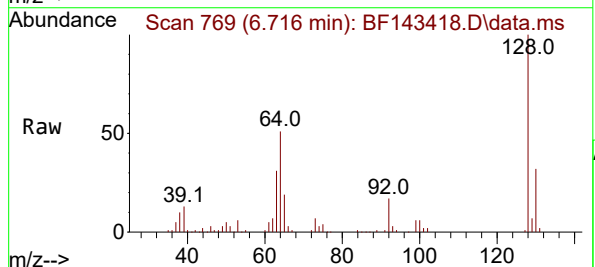
Manual Integrations
APPROVED

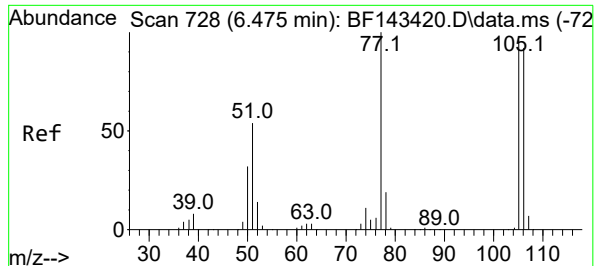
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#8
2-Chlorophenol
Concen: 10.156 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

Tgt Ion:128 Resp: 81382
Ion Ratio Lower Upper
128 100
130 32.2 12.9 52.9
64 50.8 33.1 73.1





#9

Benzaldehyde

Concen: 13.525 ng

RT: 6.475 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 77 Resp: 65810

Ion Ratio Lower Upper

77 100

105 93.8 75.5 115.5

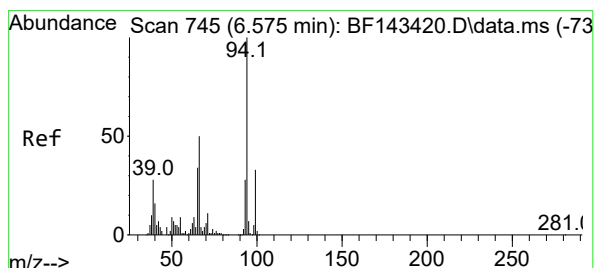
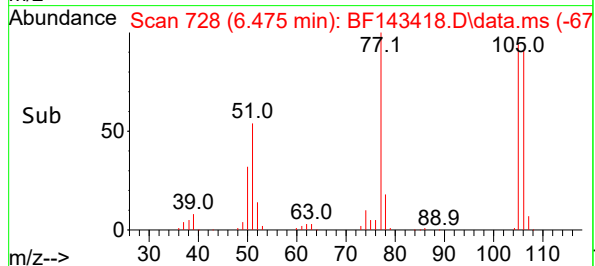
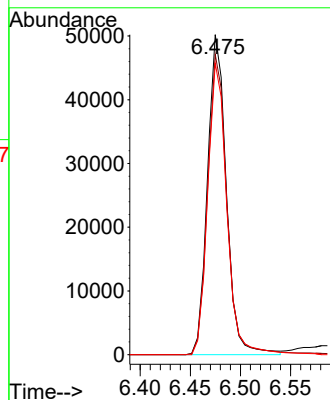
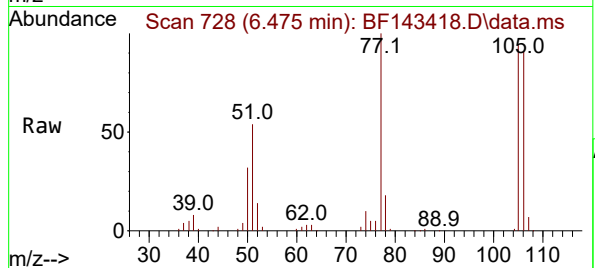
106 91.1 72.0 112.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#10

Phenol

Concen: 10.320 ng

RT: 6.569 min Scan# 744

Delta R.T. -0.006 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

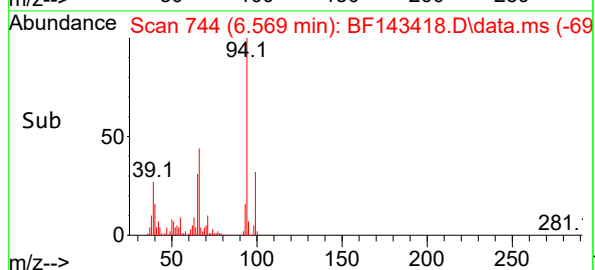
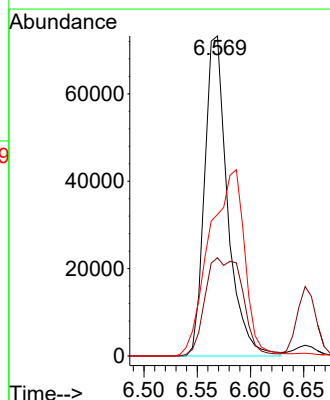
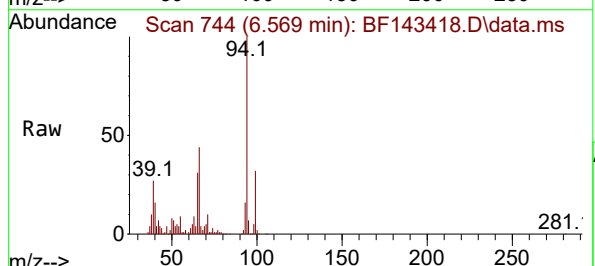
Tgt Ion: 94 Resp: 110158

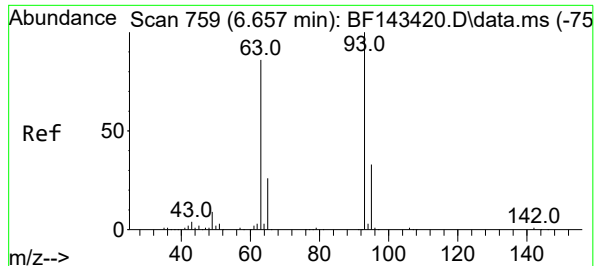
Ion Ratio Lower Upper

94 100

65 30.7 13.7 53.7

66 44.2 30.3 70.3





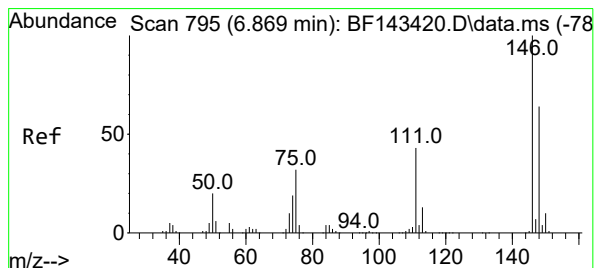
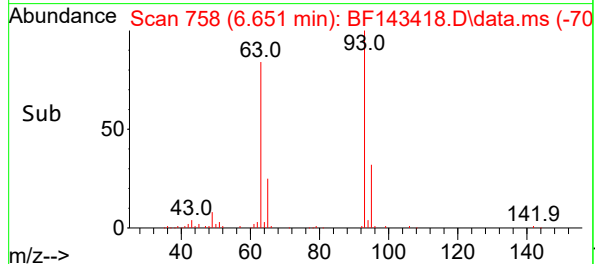
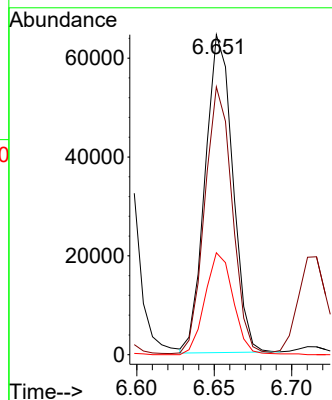
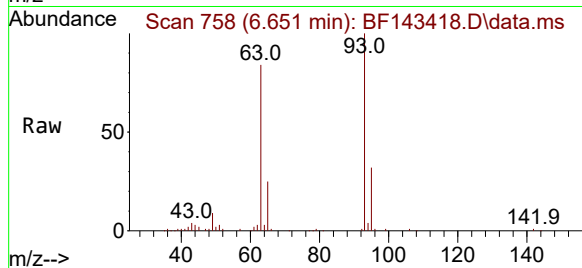
#11
bis(2-Chloroethyl)ether
Concen: 10.079 ng
RT: 6.651 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 7974
Ion Ratio Lower Upper
93 100
63 83.7 65.4 105.4
95 31.9 12.8 52.8

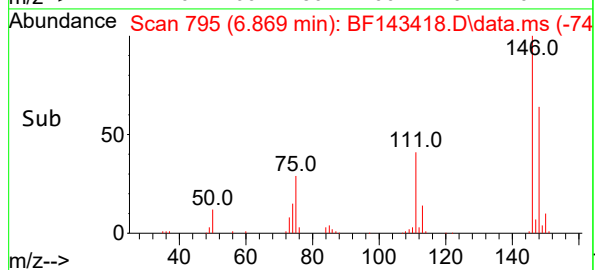
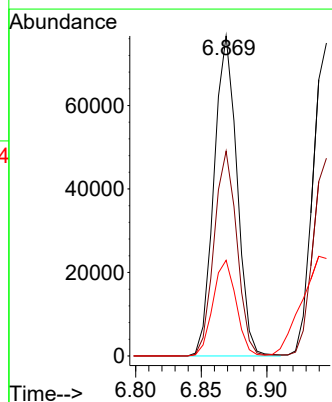
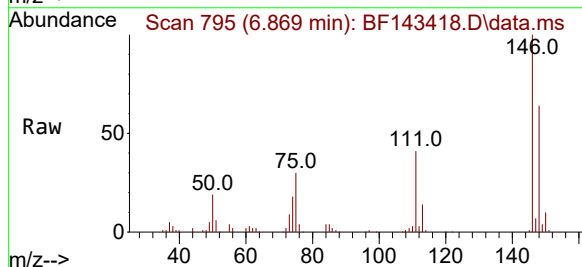
Manual Integrations
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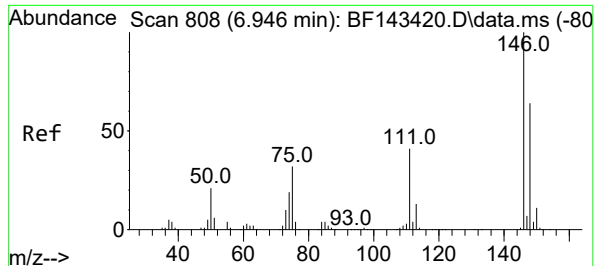
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#12
1,3-Dichlorobenzene
Concen: 10.397 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

Tgt Ion:146 Resp: 93323
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 29.9 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 10.436 ng

RT: 6.945 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 93524

Ion Ratio Lower Upper

146 100

148 63.2 51.1 76.7

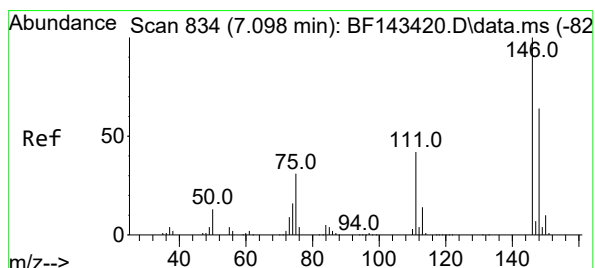
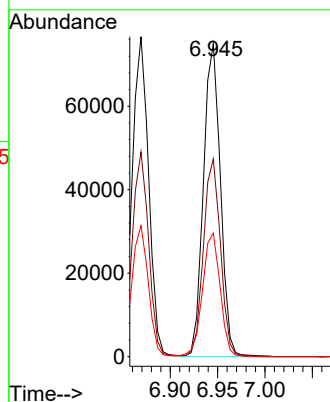
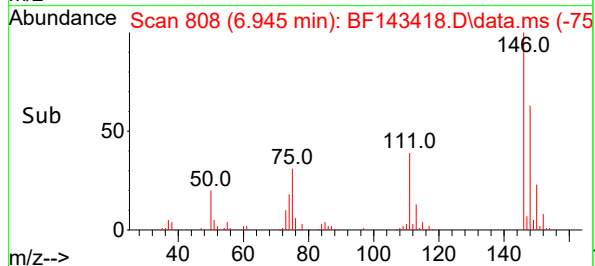
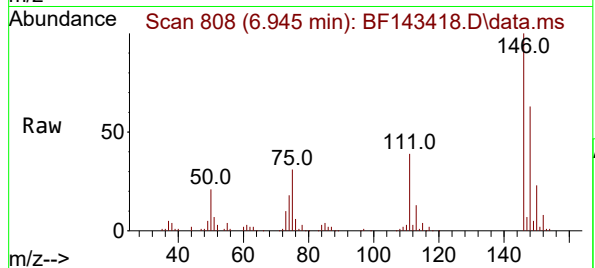
111 39.5 32.5 48.7

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#14

1,2-Dichlorobenzene

Concen: 10.473 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

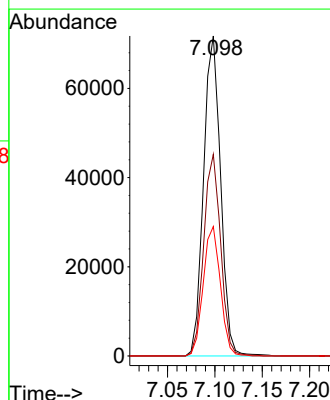
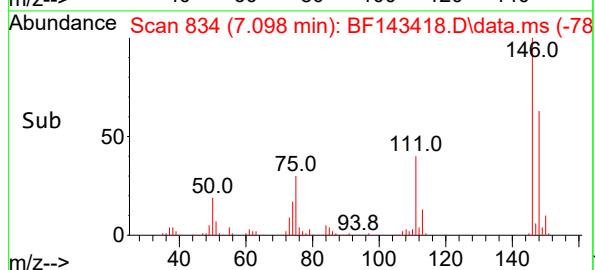
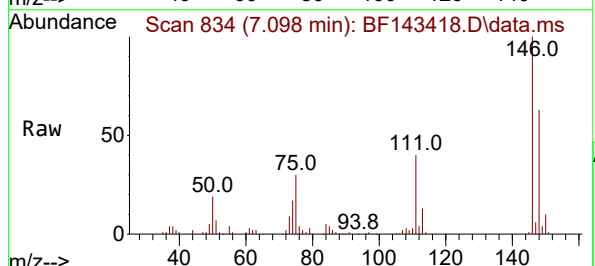
Tgt Ion:146 Resp: 89646

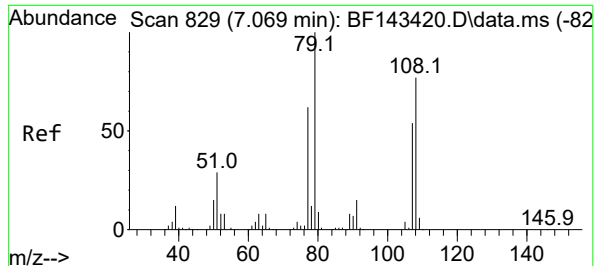
Ion Ratio Lower Upper

146 100

148 63.0 51.4 77.0

111 40.4 33.9 50.9





#15

Benzyl Alcohol

Concen: 9.636 ng

RT: 7.063 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tgt Ion: 79 Resp: 64998

Ion Ratio Lower Upper

79 100

108 76.5 61.9 92.9

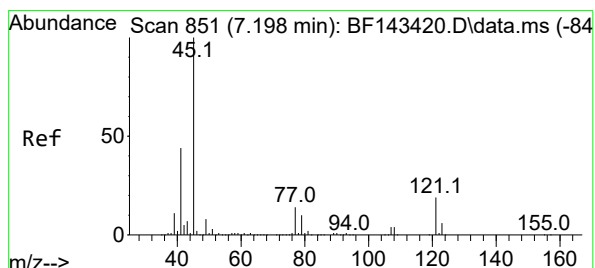
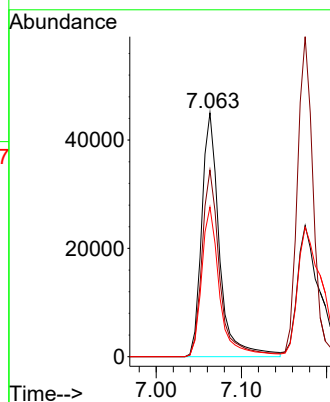
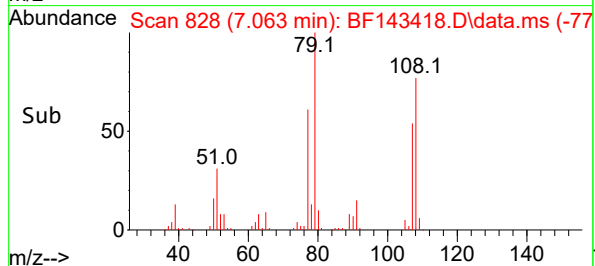
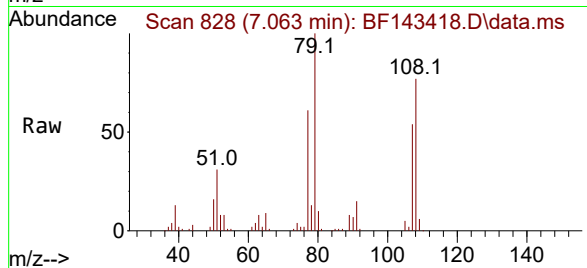
77 61.4 49.2 73.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.537 ng

RT: 7.192 min Scan# 850

Delta R.T. -0.006 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

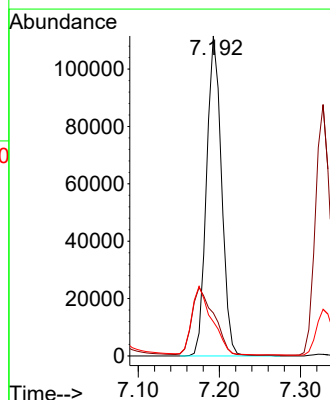
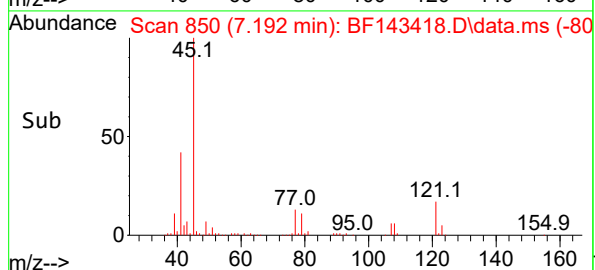
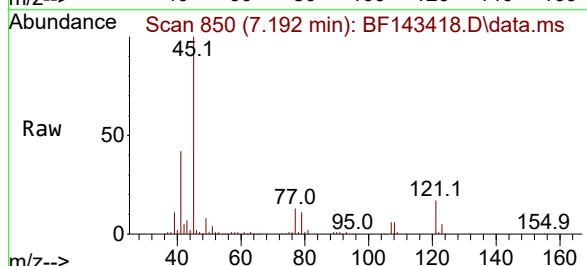
Tgt Ion: 45 Resp: 142528

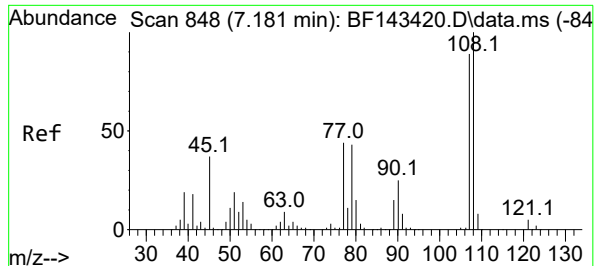
Ion Ratio Lower Upper

45 100

77 13.4 0.0 33.9

79 10.7 0.0 30.7





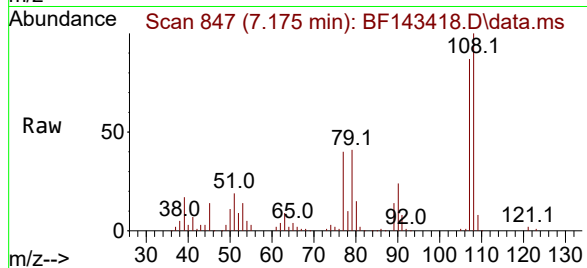
#17
2-Methylphenol
Concen: 10.000 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

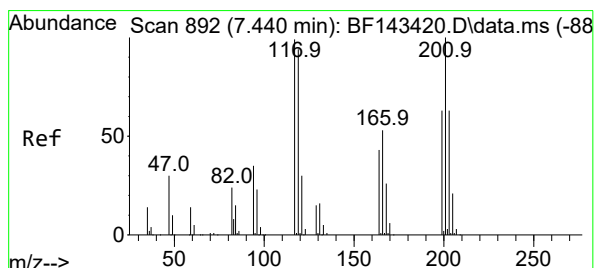
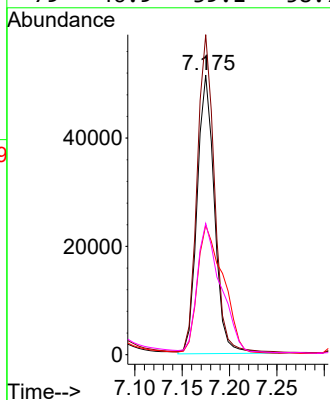
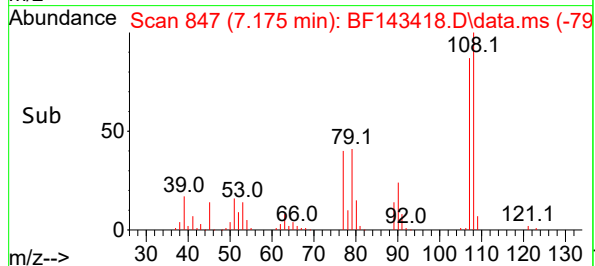


Tgt Ion:107 Resp: 6538
Ion Ratio Lower Upper
107 100
108 114.4 90.1 135.1
77 46.3 39.9 59.9
79 46.9 39.1 58.7

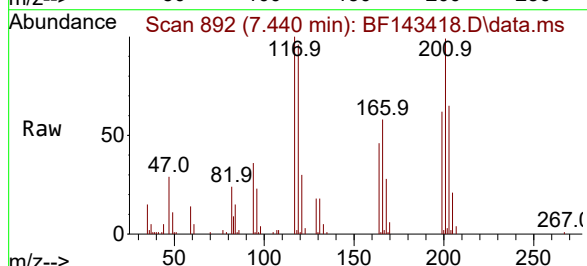
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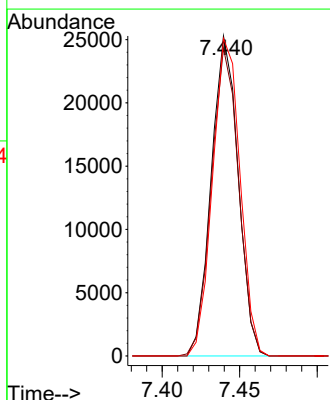
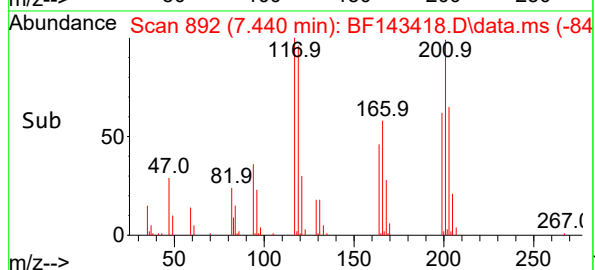
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

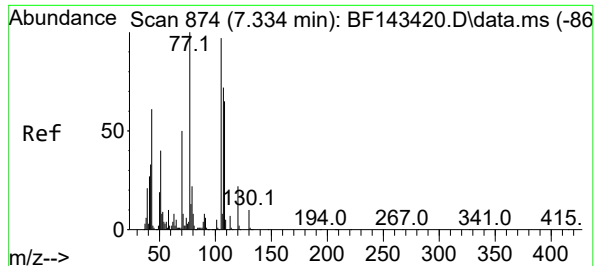


#18
Hexachloroethane
Concen: 10.008 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28



Tgt Ion:117 Resp: 30528
Ion Ratio Lower Upper
117 100
119 96.2 76.6 114.8
201 99.3 81.0 121.4





#19

n-Nitroso-di-n-propylamine

Concen: 10.456 ng

RT: 7.328 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF143418.D

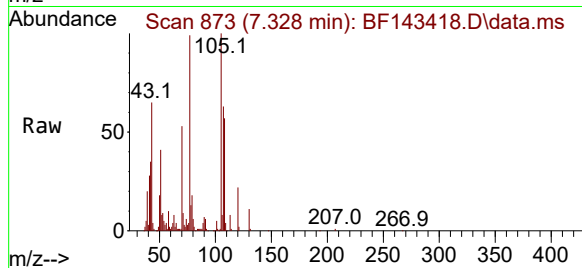
Acq: 15 Aug 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion: 70 Resp: 59208

Ion Ratio Lower Upper

70 100

42 66.2 52.5 78.7

101 9.2 7.9 11.9

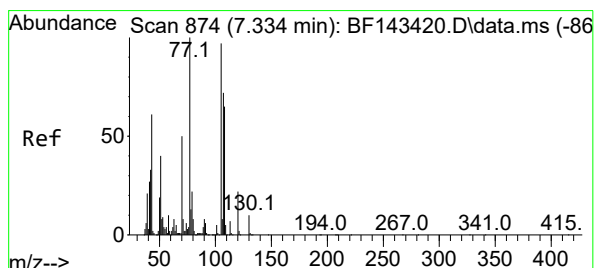
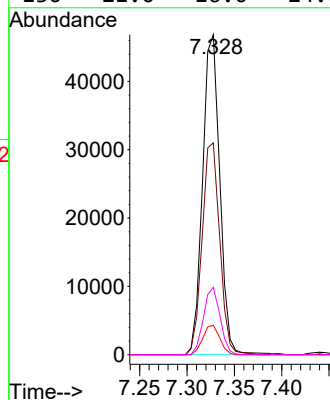
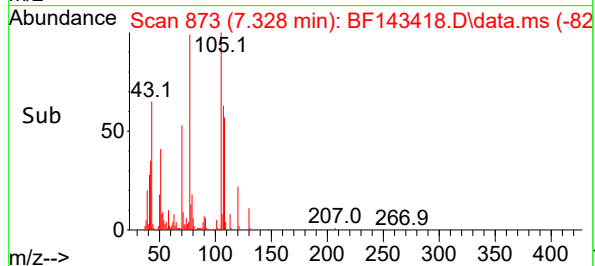
130 21.0 16.0 24.0

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#20

3+4-Methylphenols

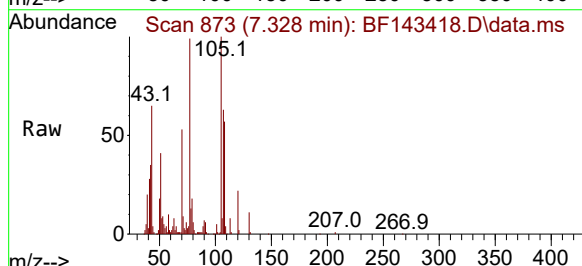
Concen: 10.659 ng

RT: 7.328 min Scan# 873

Delta R.T. -0.006 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28



Tgt Ion:107 Resp: 83322

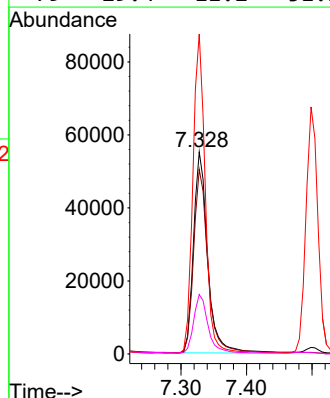
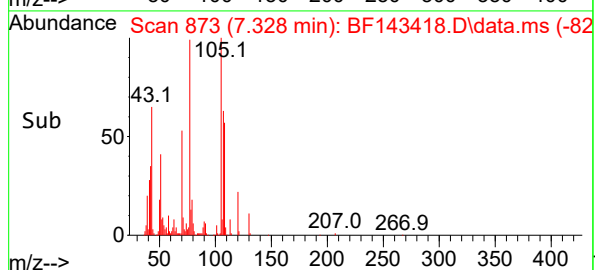
Ion Ratio Lower Upper

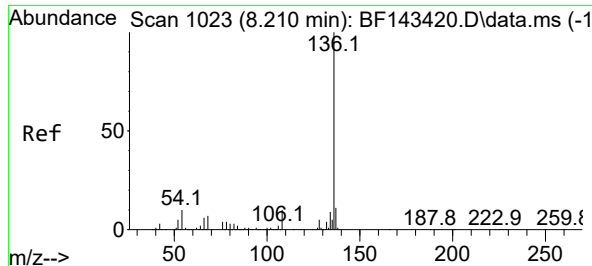
107 100

108 91.3 70.8 110.8

77 158.4 119.1 159.1

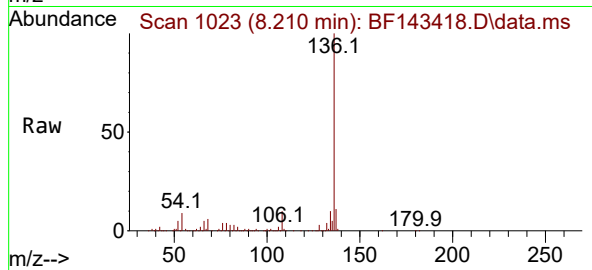
79 29.4 11.2 51.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

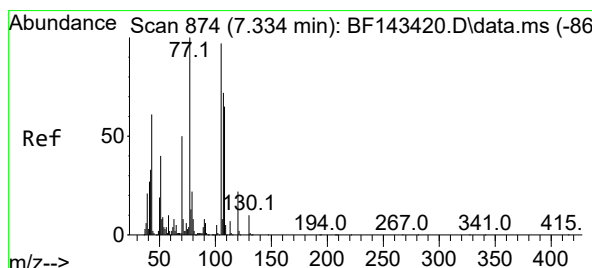
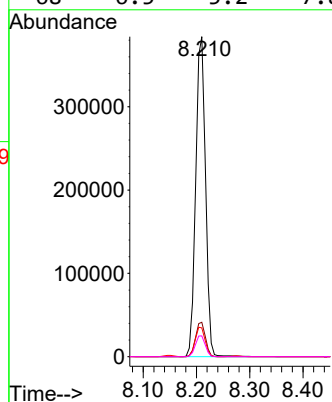
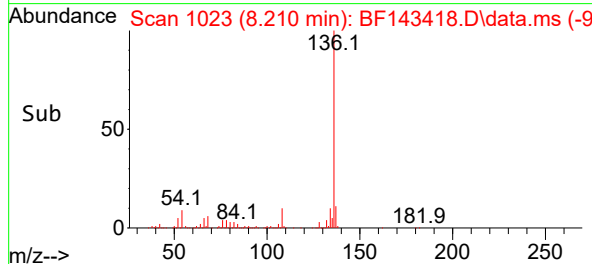
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:136 Resp: 489700
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.0 7.8 11.8
68 6.5 5.2 7.8

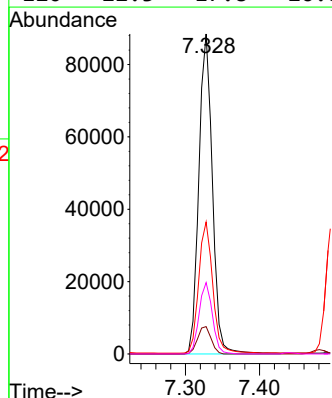
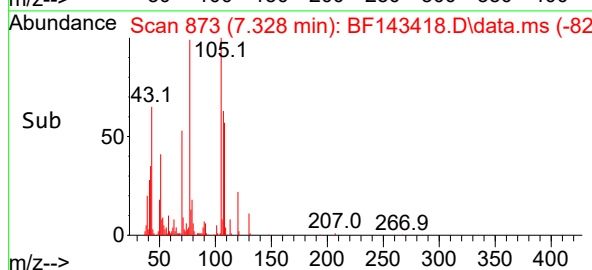
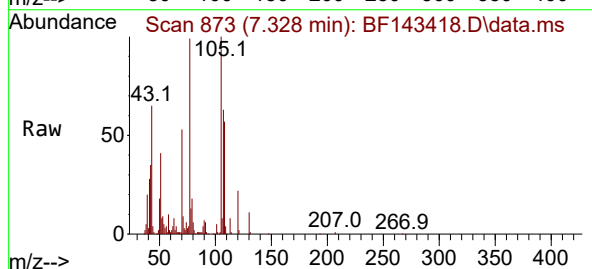
Manual Integrations
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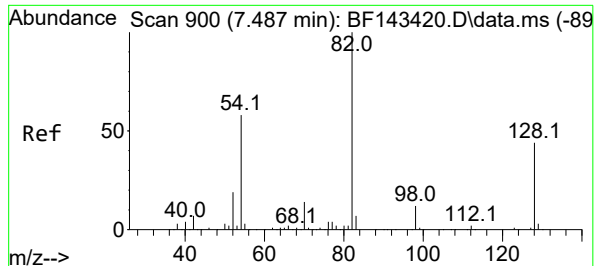
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#22
Acetophenone
Concen: 10.672 ng
RT: 7.328 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

Tgt Ion:105 Resp: 112365
Ion Ratio Lower Upper
105 100
71 8.5 7.0 10.4
51 41.3 32.7 49.1
120 22.3 17.8 26.8





#23

Nitrobenzene-d5

Concen: 19.740 ng

RT: 7.481 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 162900

Ion Ratio Lower Upper

82 100

128 42.7 34.6 52.0

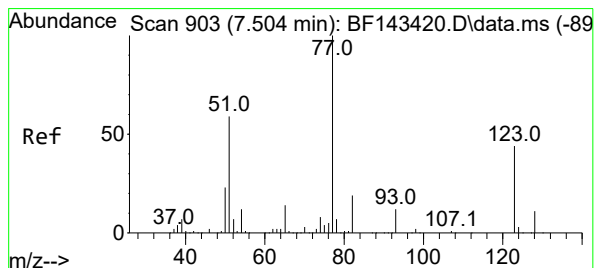
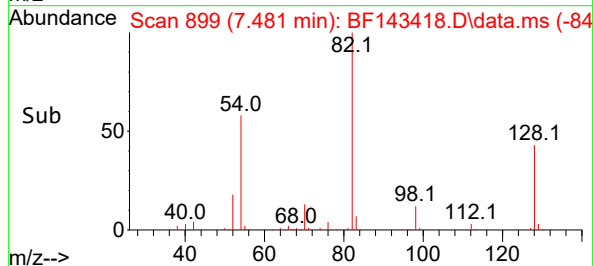
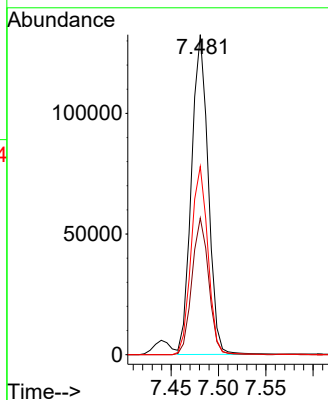
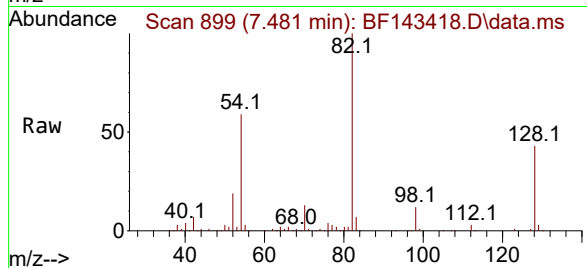
54 58.8 46.0 69.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#24

Nitrobenzene

Concen: 9.847 ng

RT: 7.498 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

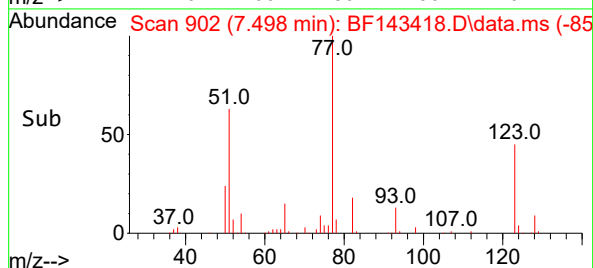
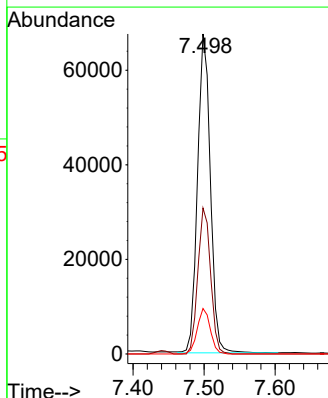
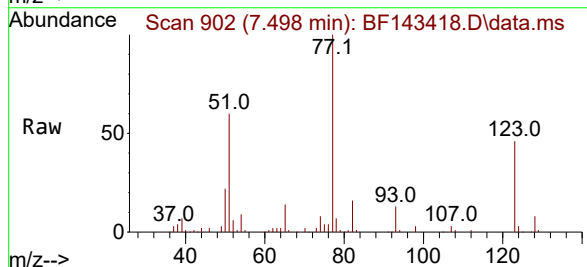
Tgt Ion: 77 Resp: 84934

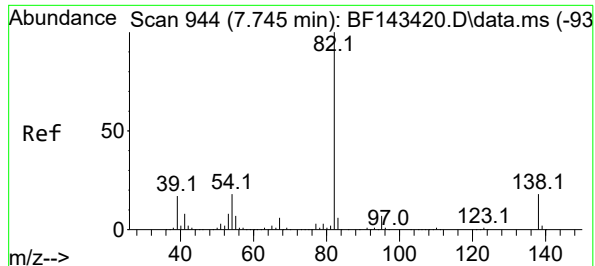
Ion Ratio Lower Upper

77 100

123 45.6 35.4 53.0

65 14.2 11.2 16.8





#25

Isophorone

Concen: 9.956 ng

RT: 7.739 min Scan# 944

Delta R.T. -0.006 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tgt Ion: 82 Resp: 15725

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

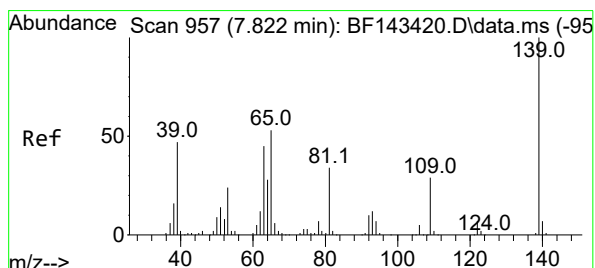
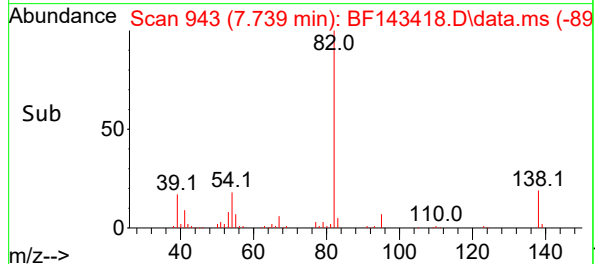
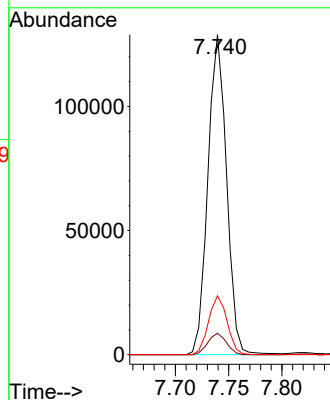
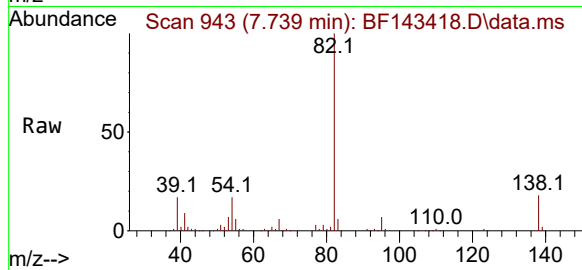
138 18.4 14.3 21.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#26

2-Nitrophenol

Concen: 9.127 ng

RT: 7.822 min Scan# 957

Delta R.T. -0.000 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

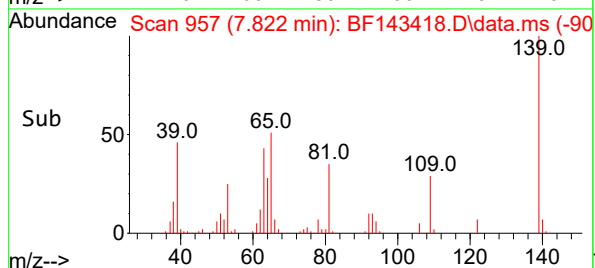
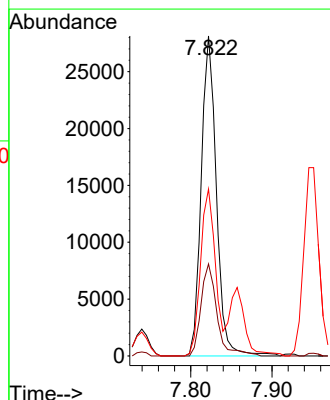
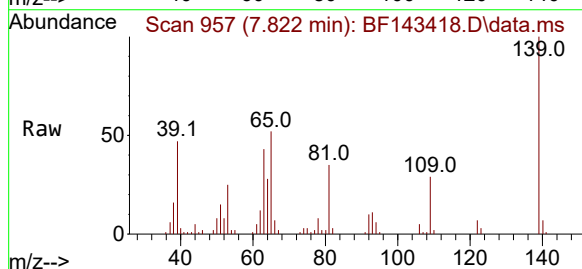
Tgt Ion:139 Resp: 36495

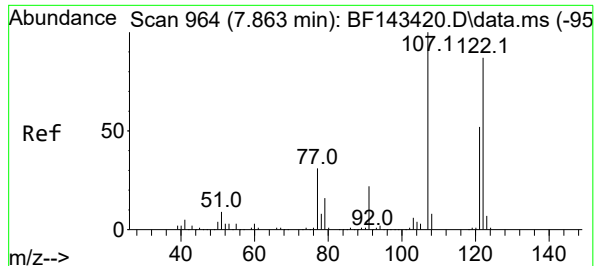
Ion Ratio Lower Upper

139 100

109 28.7 23.0 34.4

65 52.2 42.5 63.7





#27

2,4-Dimethylphenol

Concen: 10.368 ng

RT: 7.857 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

Instrument :

BNA_F

ClientSampleId :

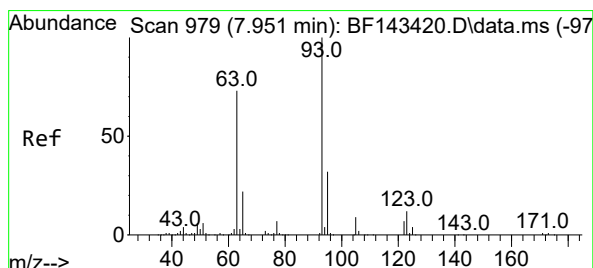
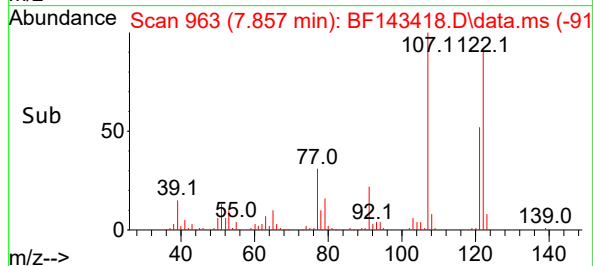
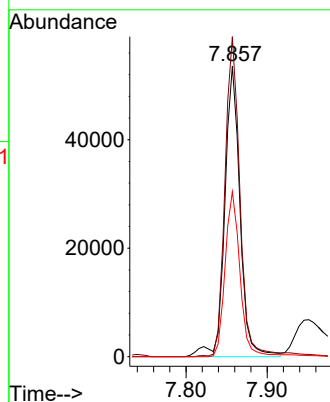
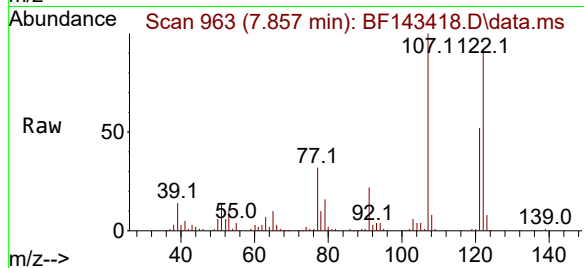
SSTDICC010

Tgt Ion:122 Resp: 70092
Ion Ratio Lower Upper
122 100
107 110.1 90.4 135.6
121 56.8 46.7 70.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#28

bis(2-Chloroethoxy)methane

Concen: 10.200 ng

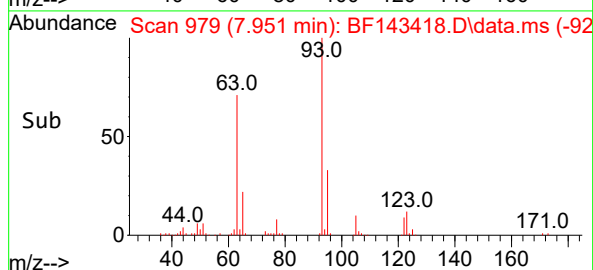
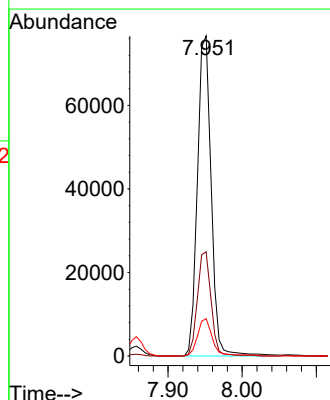
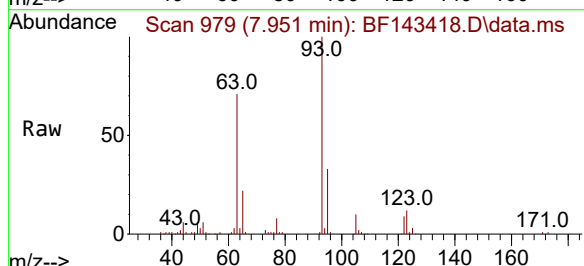
RT: 7.951 min Scan# 979

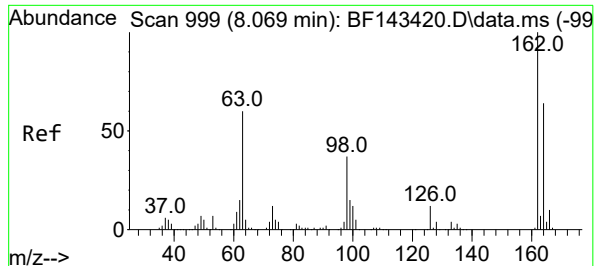
Delta R.T. -0.000 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

Tgt Ion: 93 Resp: 99022
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 9.987 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.000 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 68820

Ion Ratio Lower Upper

162 100

164 64.4 44.3 84.3

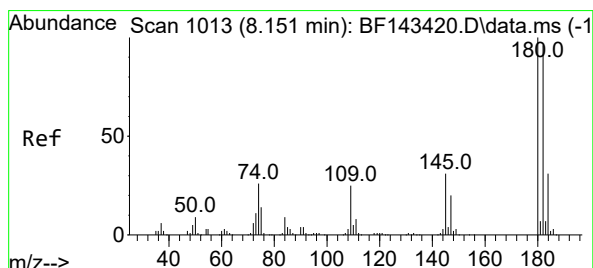
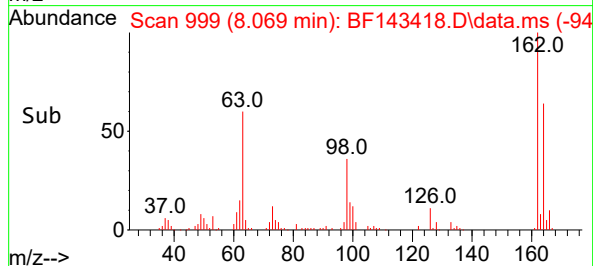
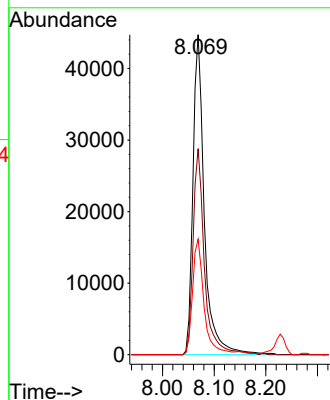
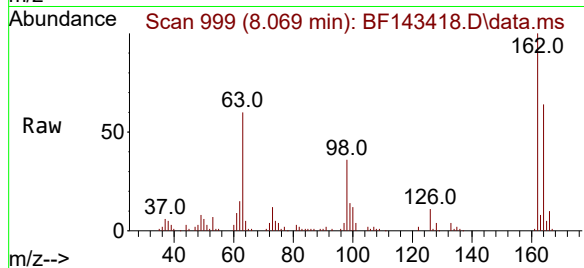
98 36.1 16.9 56.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#30

1,2,4-Trichlorobenzene

Concen: 10.349 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

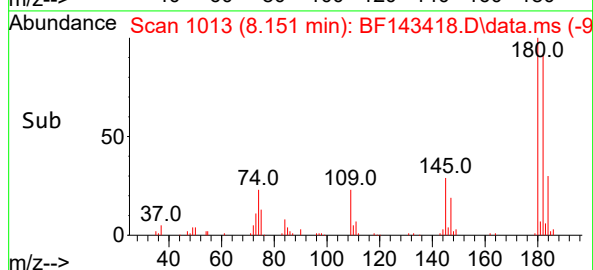
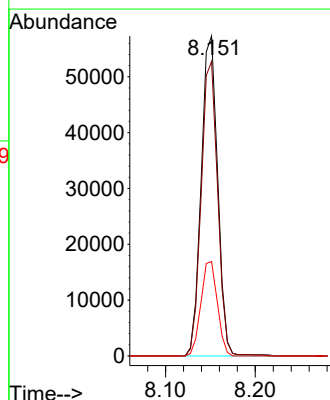
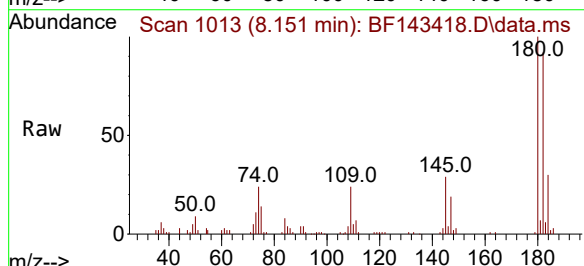
Tgt Ion:180 Resp: 73076

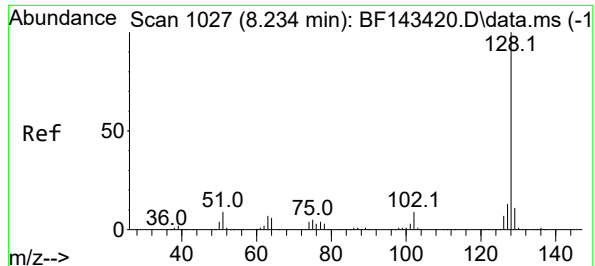
Ion Ratio Lower Upper

180 100

182 92.0 76.7 115.1

145 29.5 24.5 36.7





#31

Naphthalene

Concen: 10.394 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:128 Resp: 241652

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

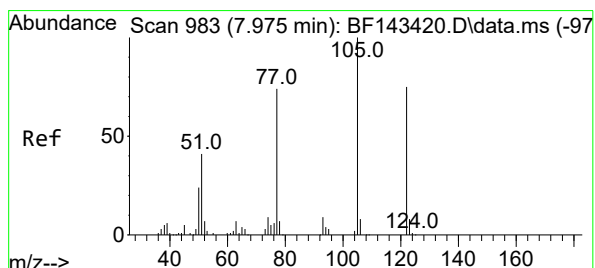
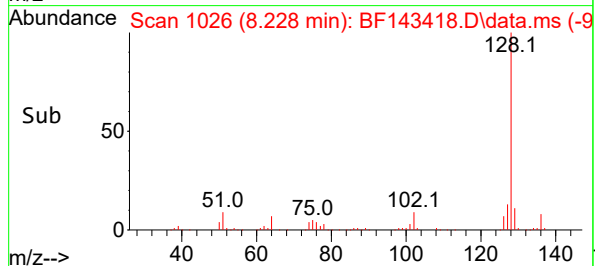
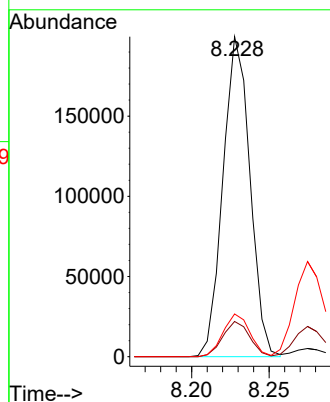
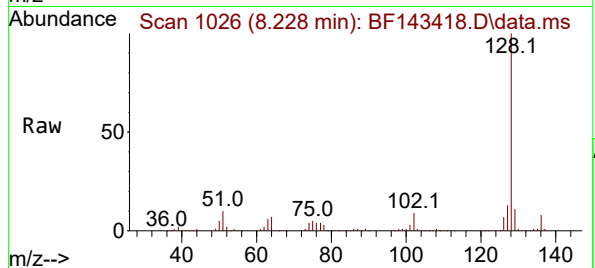
127 13.4 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#32

Benzoic acid

Concen: 7.945 ng m

RT: 7.951 min Scan# 979

Delta R.T. -0.024 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

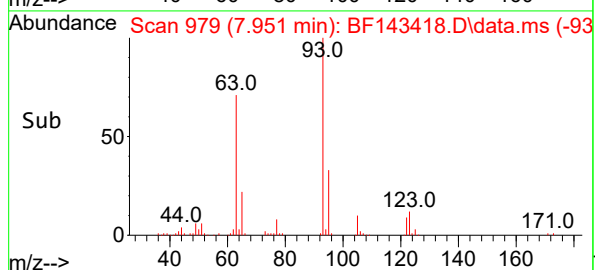
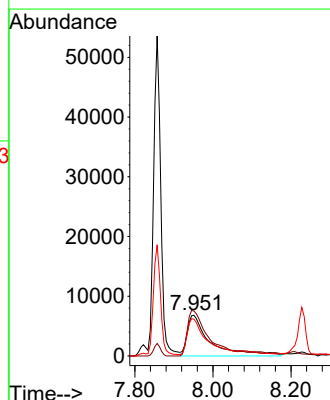
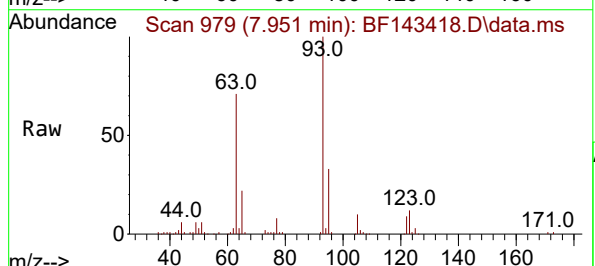
Tgt Ion:122 Resp: 27803

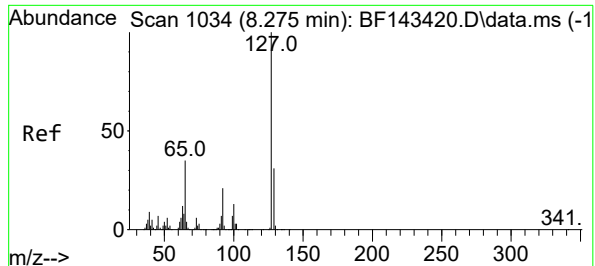
Ion Ratio Lower Upper

122 100

105 110.5 108.4 148.4

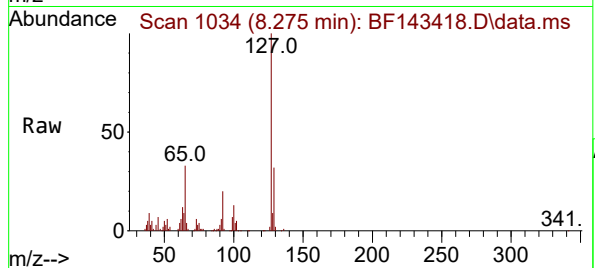
77 90.7 75.9 115.9





#33
4-Chloroaniline
Concen: 10.258 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

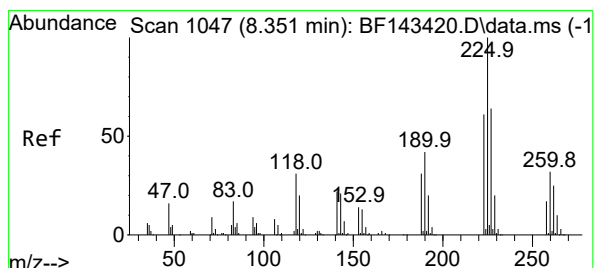
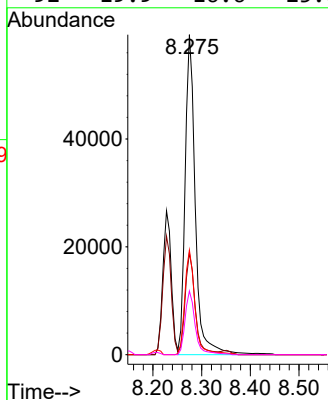
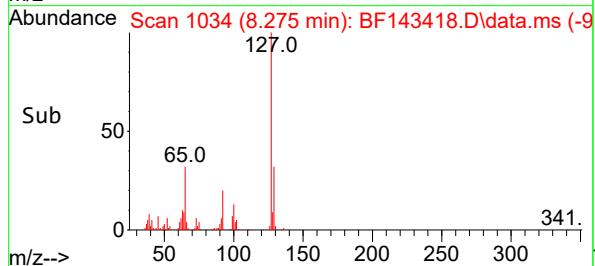
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:127 Resp: 8608
Ion Ratio Lower Upper
127 100
129 31.8 25.8 38.8
65 32.7 27.2 40.8
92 19.9 16.6 25.0

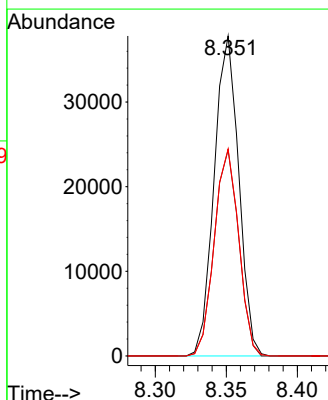
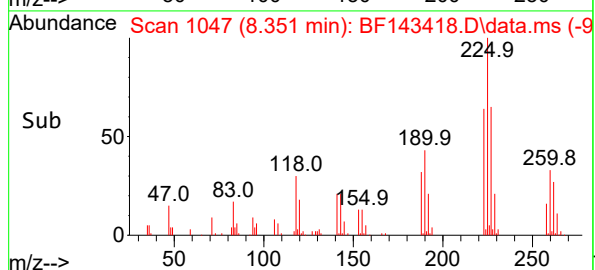
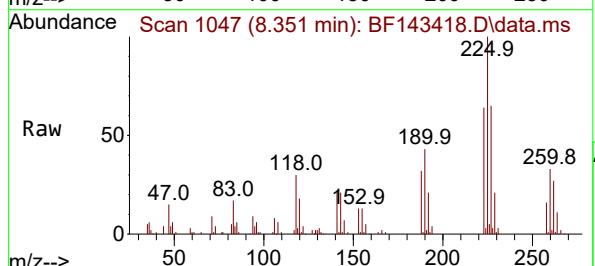
Manual Integrations
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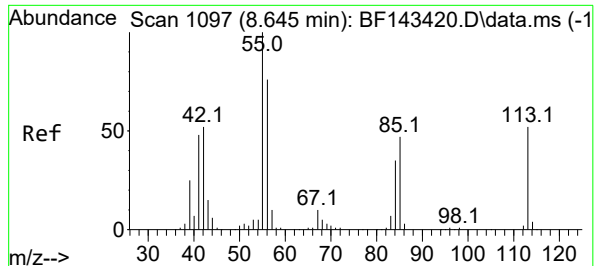
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#34
Hexachlorobutadiene
Concen: 10.071 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

Tgt Ion:225 Resp: 45348
Ion Ratio Lower Upper
225 100
223 64.4 49.0 73.6
227 64.7 51.1 76.7





#35

Caprolactam

Concen: 9.531 ng

RT: 8.610 min Scan# 1091

Delta R.T. -0.035 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

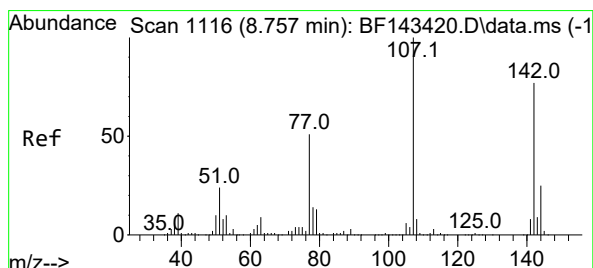
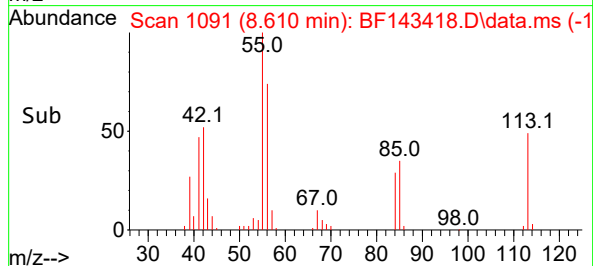
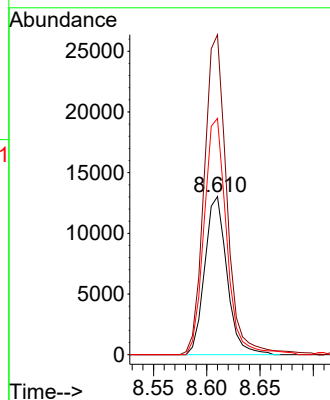
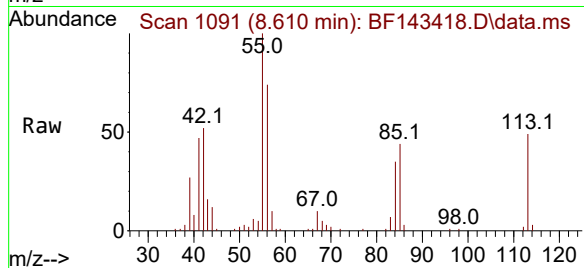
Tgt Ion	Ratio	Lower	Upper
113	100		
55	202.4	174.7	214.7
56	149.5	127.0	167.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#36

4-Chloro-3-methylphenol

Concen: 10.013 ng

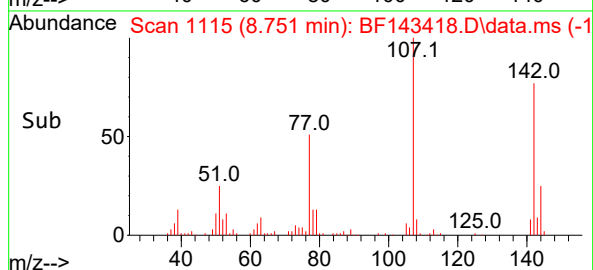
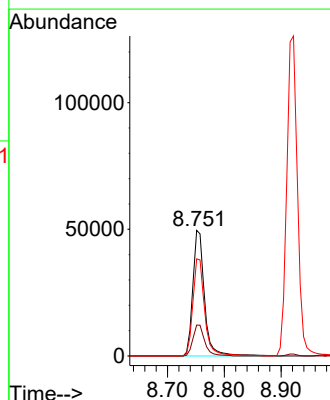
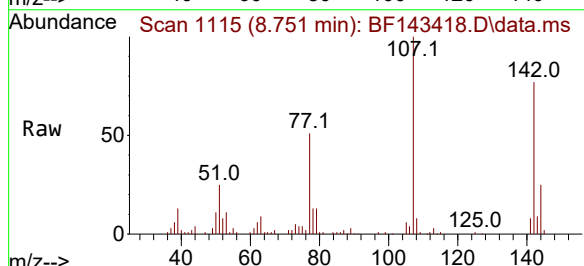
RT: 8.751 min Scan# 1115

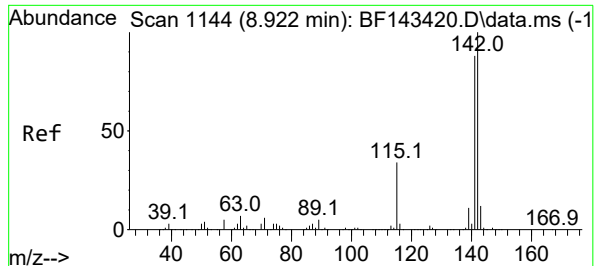
Delta R.T. -0.006 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

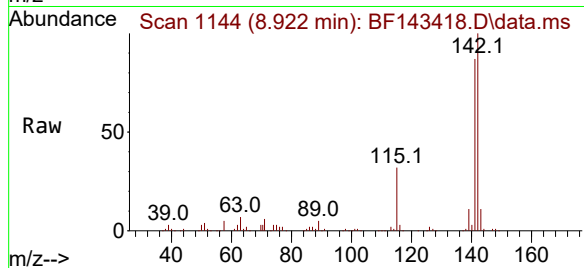
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.2	30.2
142	77.4	62.0	93.0





#37
2-Methylnaphthalene
Concen: 10.598 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

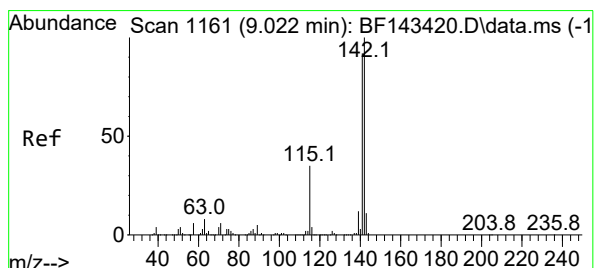
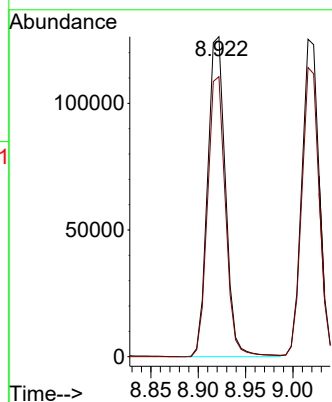
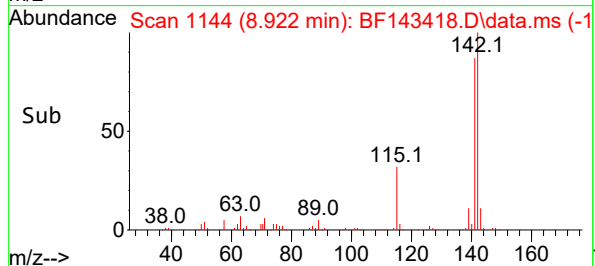
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:142 Resp: 166073
Ion Ratio Lower Upper
142 100
141 87.5 70.3 105.5

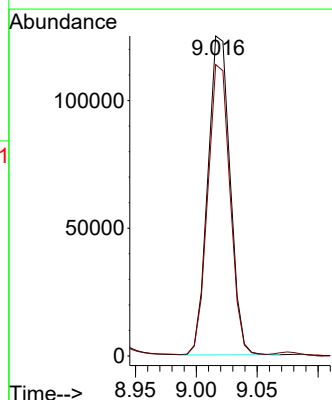
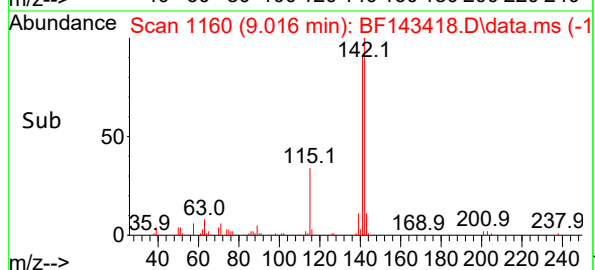
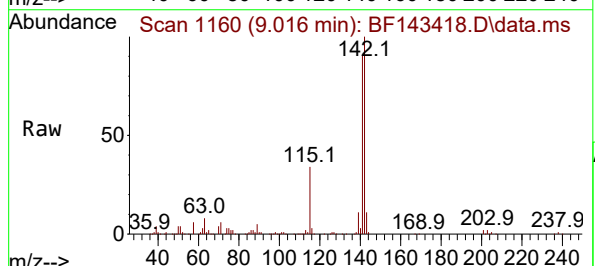
Manual Integrations
APPROVED

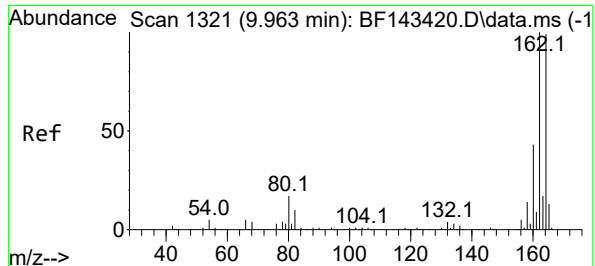
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#38
1-Methylnaphthalene
Concen: 10.597 ng
RT: 9.016 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

Tgt Ion:142 Resp: 159110
Ion Ratio Lower Upper
142 100
141 91.1 73.8 110.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF143418.D

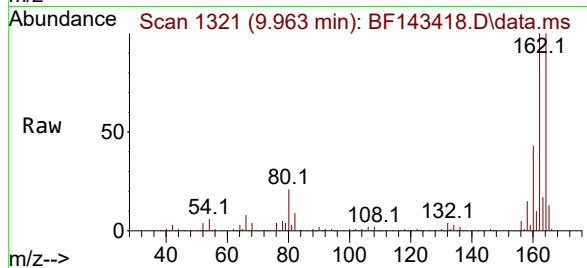
Acq: 15 Aug 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:164 Resp: 26898

Ion Ratio Lower Upper

164 100

162 100.4 80.6 121.0

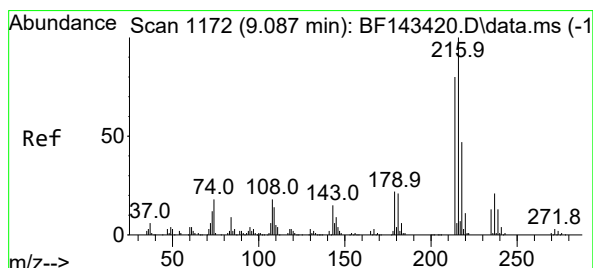
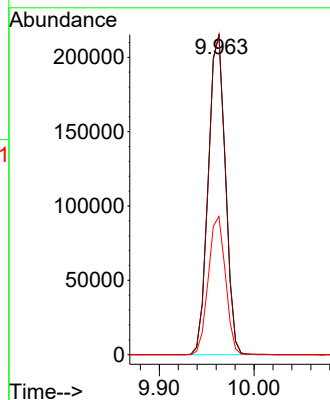
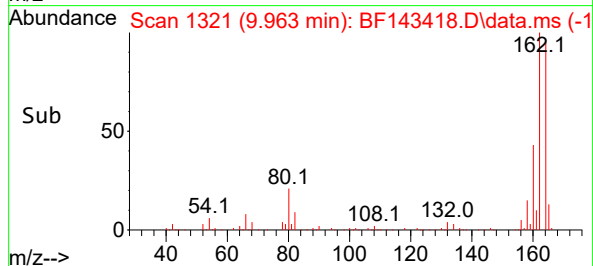
160 43.3 34.6 51.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#40

1,2,4,5-Tetrachlorobenzene

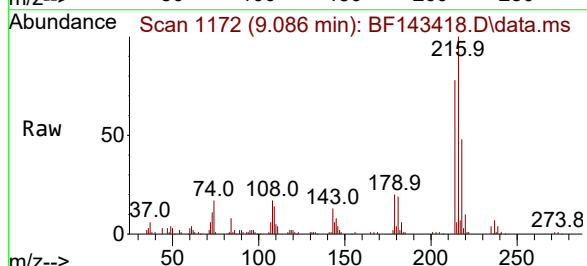
Concen: 10.523 ng

RT: 9.086 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28



Tgt Ion:216 Resp: 78936

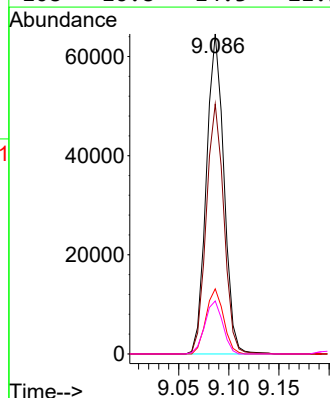
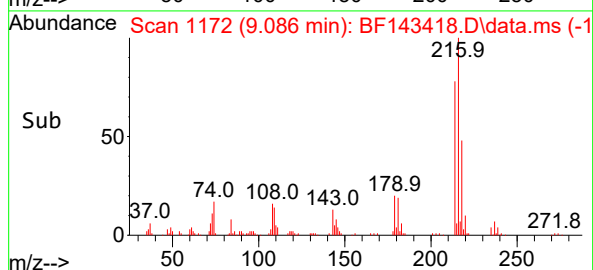
Ion Ratio Lower Upper

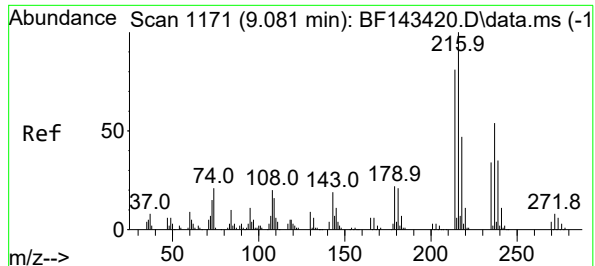
216 100

214 78.1 63.7 95.5

179 20.3 17.0 25.4

108 16.8 14.3 21.5





#41

Hexachlorocyclopentadiene

Concen: 10.597 ng

RT: 9.075 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

Instrument :

BNA_F

ClientSampleId :

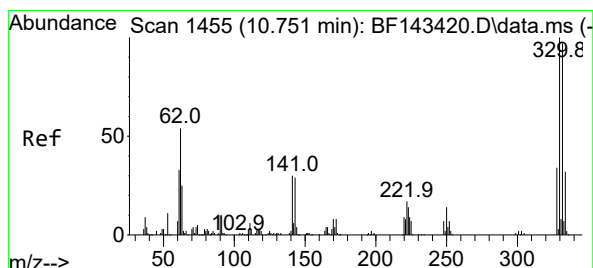
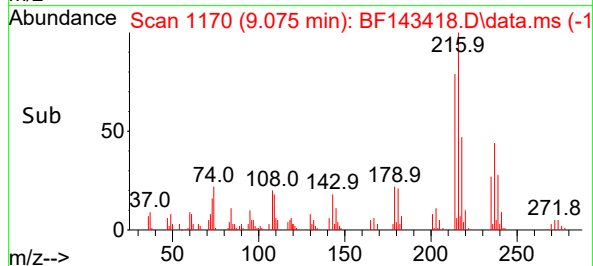
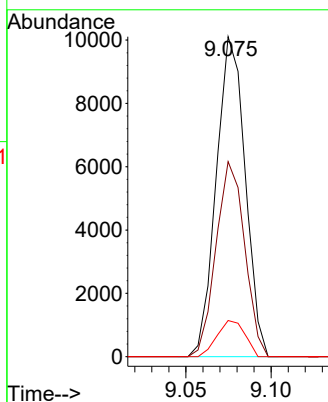
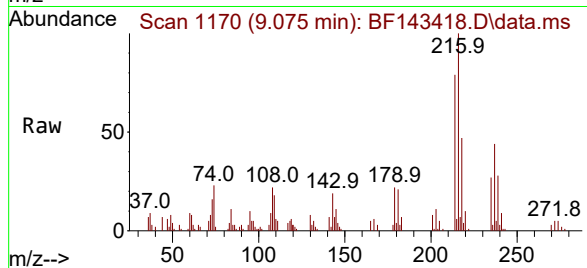
SSTDICC010

Tgt Ion:	237	Resp:	11930
Ion Ratio	Lower	Upper	
237	100		
235	60.9	41.6	81.6
272	11.3	0.0	33.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#42

2,4,6-Tribromophenol

Concen: 19.817 ng

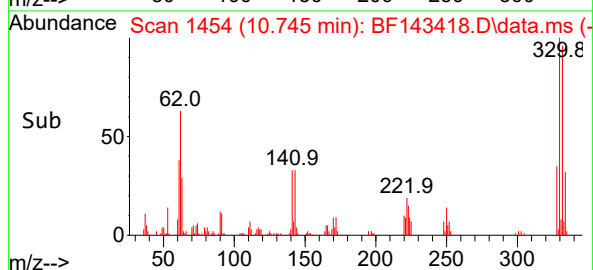
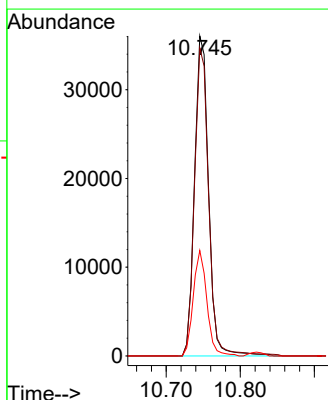
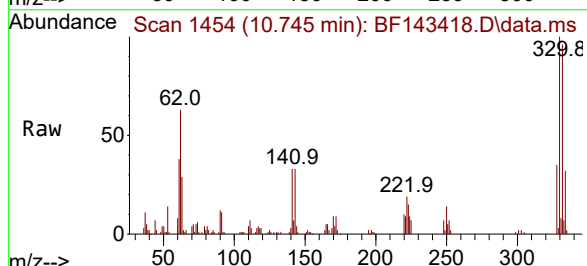
RT: 10.745 min Scan# 1454

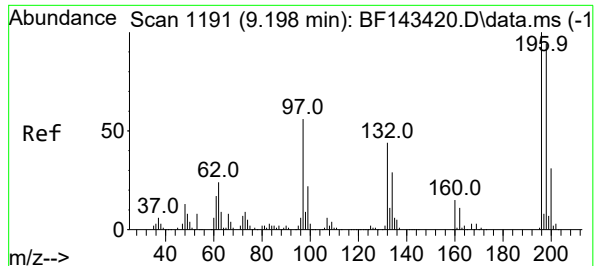
Delta R.T. -0.006 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

Tgt Ion:	330	Resp:	47446
Ion Ratio	Lower	Upper	
330	100		
332	97.3	77.4	116.2
141	31.9	24.1	36.1





#43

2,4,6-Trichlorophenol

Concen: 9.798 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF143418.D

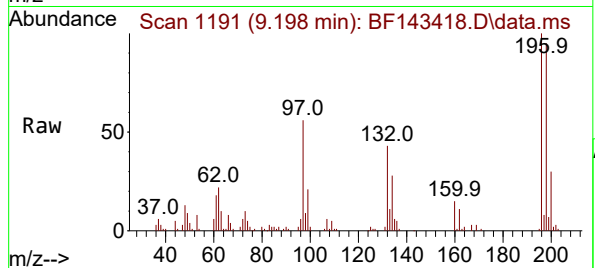
Acq: 15 Aug 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:196 Resp: 45852

Ion Ratio Lower Upper

196 100

198 94.9 75.4 113.2

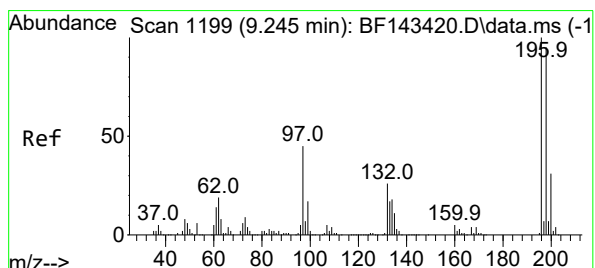
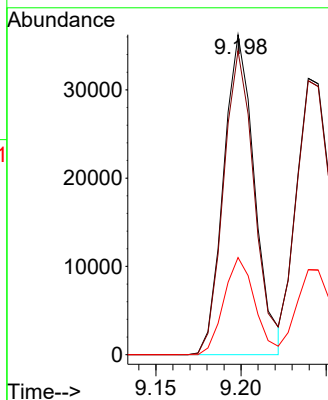
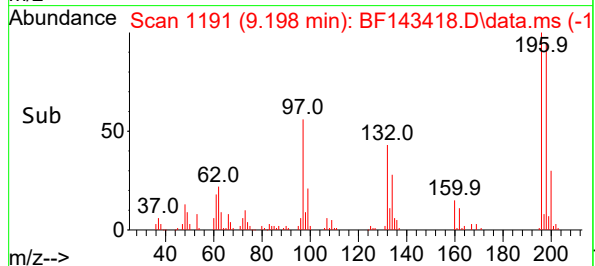
200 30.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#44

2,4,5-Trichlorophenol

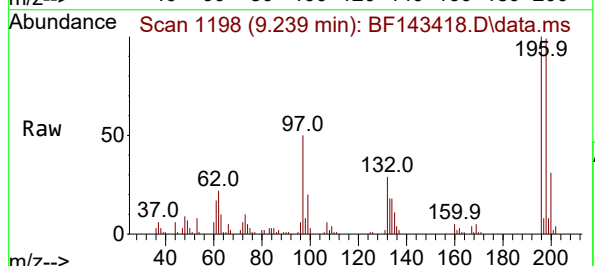
Concen: 9.588 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28



Tgt Ion:196 Resp: 48096

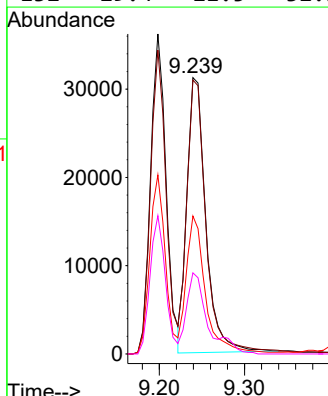
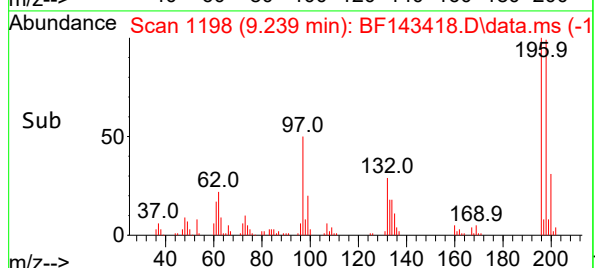
Ion Ratio Lower Upper

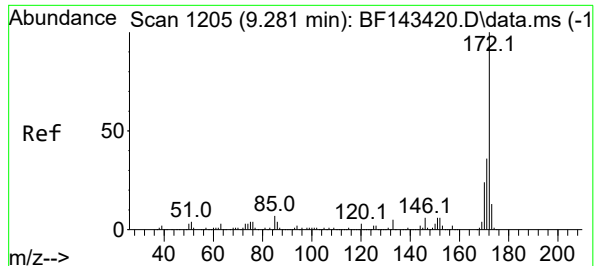
196 100

198 99.1 76.2 114.4

97 49.9 36.6 55.0

132 29.4 21.5 32.3





#45

2-Fluorobiphenyl

Concen: 22.534 ng

RT: 9.281 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:172 Resp: 36036

Ion Ratio Lower Upper

172 100

171 34.9 28.7 43.1

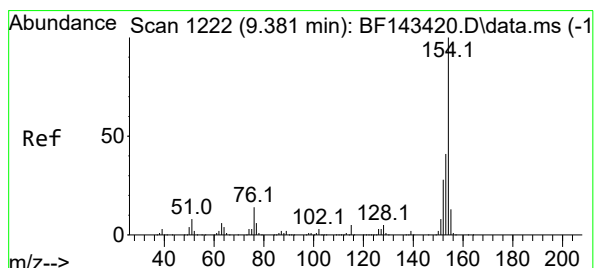
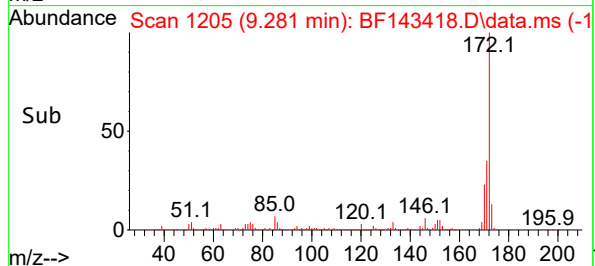
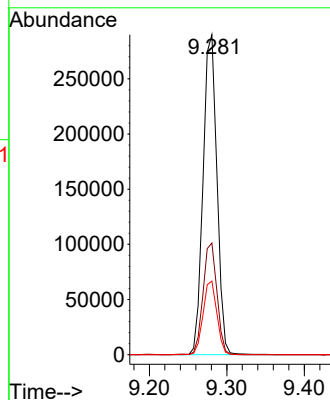
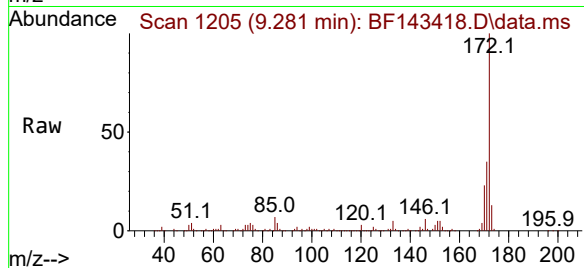
170 23.0 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#46

1,1'-Biphenyl

Concen: 10.843 ng

RT: 9.381 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

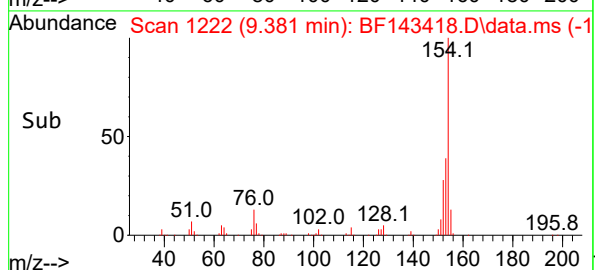
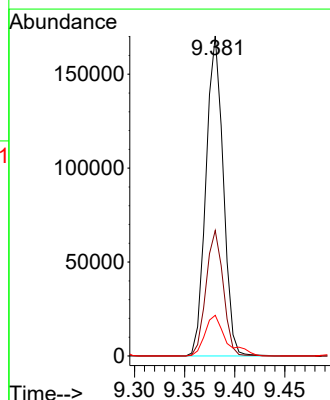
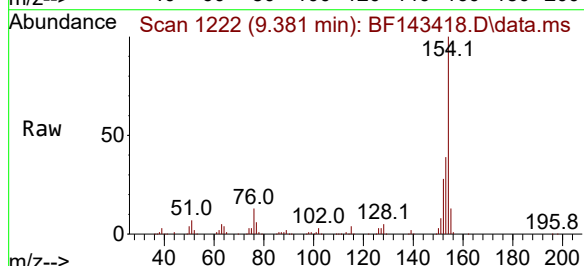
Tgt Ion:154 Resp: 204923

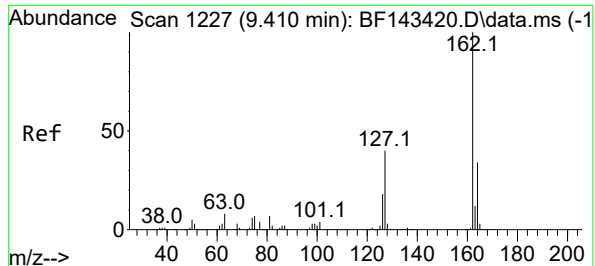
Ion Ratio Lower Upper

154 100

153 39.2 20.6 60.6

76 12.7 0.0 33.8





#47

2-Chloronaphthalene

Concen: 10.585 ng

RT: 9.404 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 157909

Ion Ratio Lower Upper

162 100

127 39.3 32.3 48.5

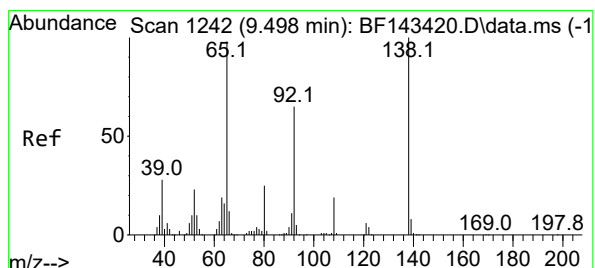
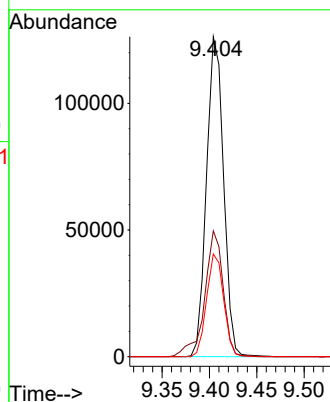
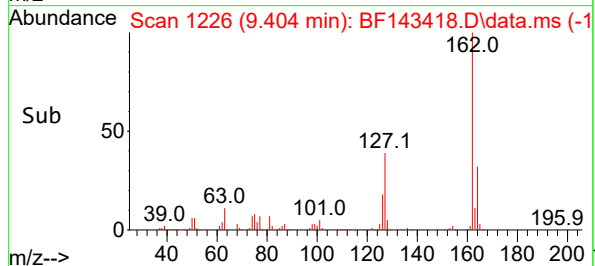
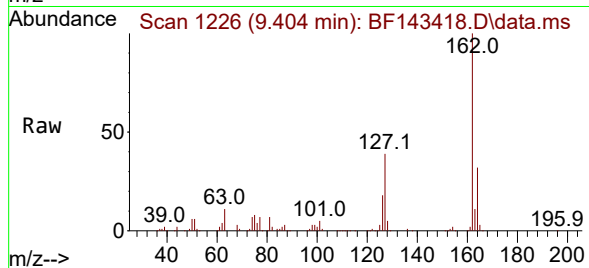
164 32.1 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#48

2-Nitroaniline

Concen: 9.597 ng

RT: 9.498 min Scan# 1242

Delta R.T. -0.000 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

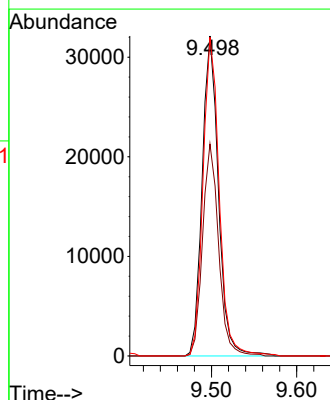
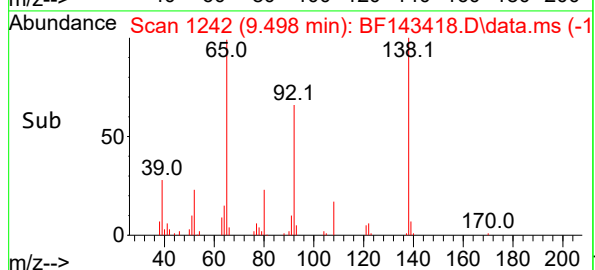
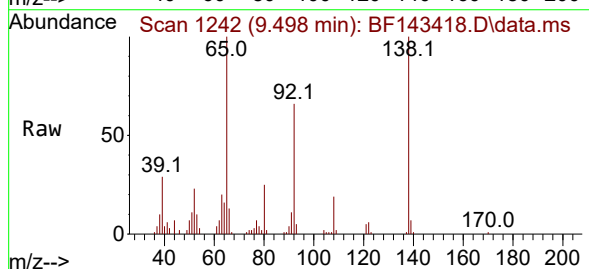
Tgt Ion: 65 Resp: 42604

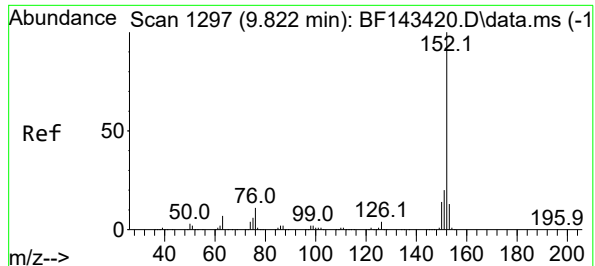
Ion Ratio Lower Upper

65 100

92 66.2 52.9 79.3

138 99.6 81.3 121.9





#49

Acenaphthylene

Concen: 10.488 ng

RT: 9.822 min Scan# 1297

Delta R.T. -0.000 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:152 Resp: 225908

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

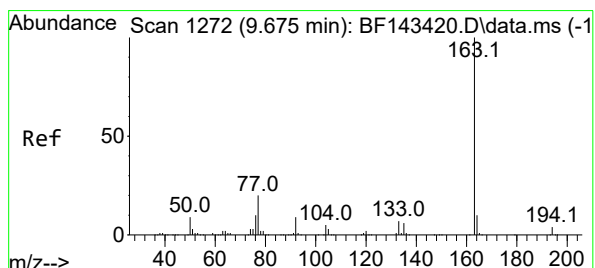
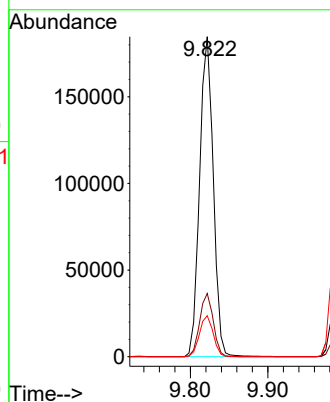
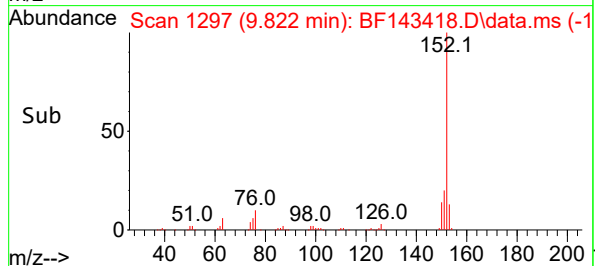
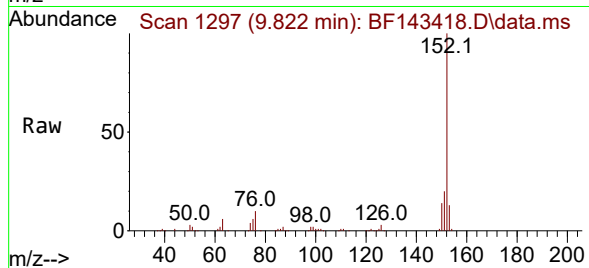
153 12.8 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#50

Dimethylphthalate

Concen: 10.371 ng

RT: 9.669 min Scan# 1271

Delta R.T. -0.006 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

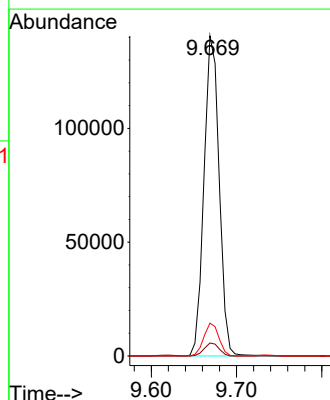
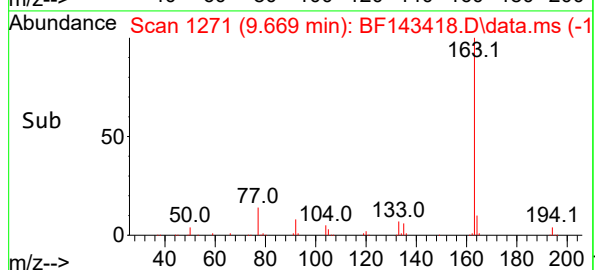
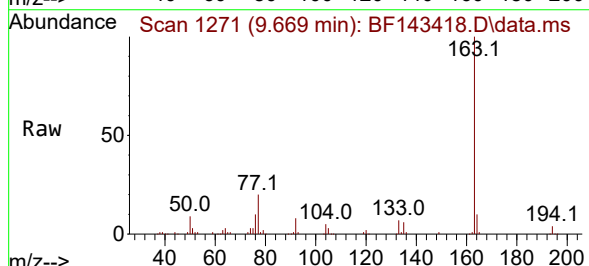
Tgt Ion:163 Resp: 173912

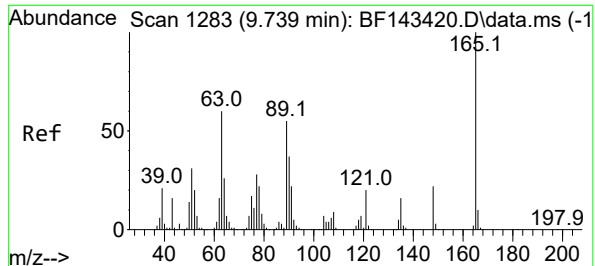
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

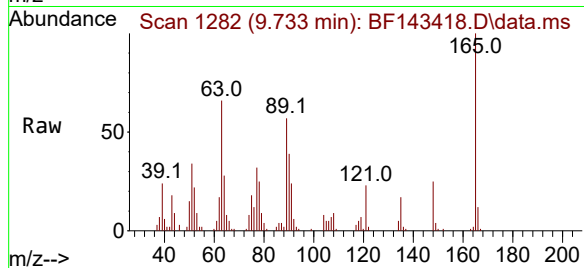
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 9.150 ng
RT: 9.733 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

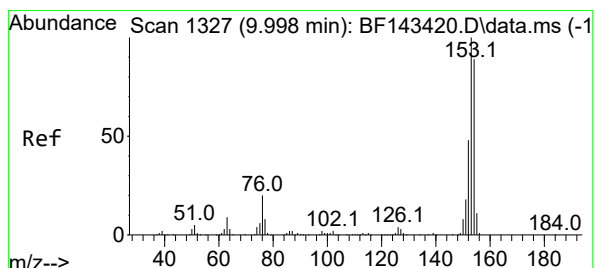
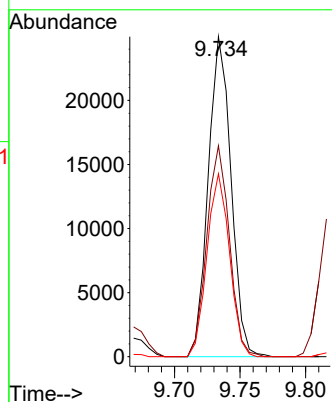
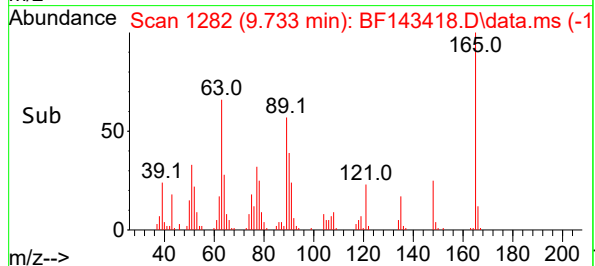
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 30248
Ion Ratio Lower Upper
165 100
63 65.9 48.2 72.2
89 57.2 44.2 66.2

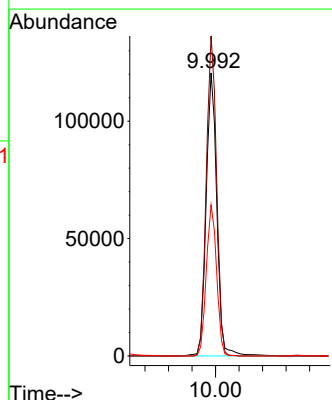
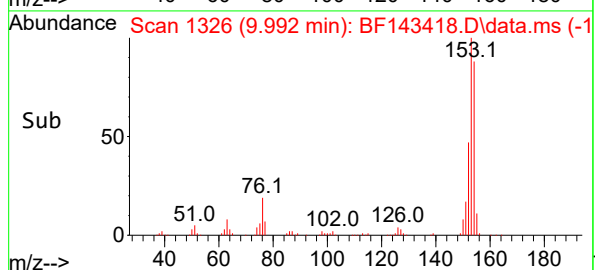
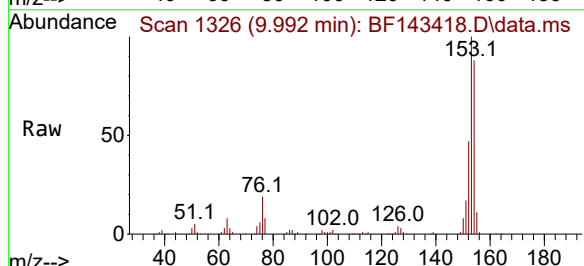
Manual Integrations
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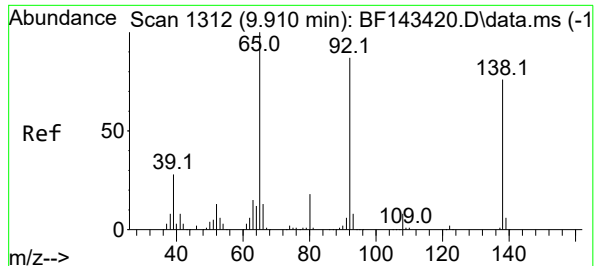
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#52
Acenaphthene
Concen: 10.454 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

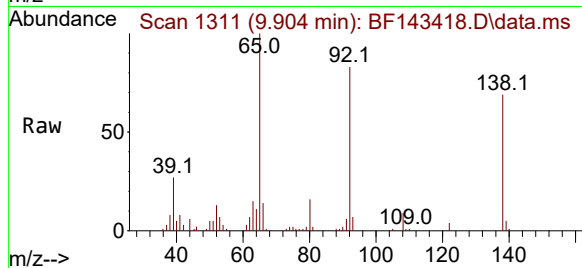
Tgt Ion:154 Resp: 151452
Ion Ratio Lower Upper
154 100
153 113.1 89.5 134.3
152 53.3 42.6 64.0





#53
3-Nitroaniline
Concen: 9.547 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

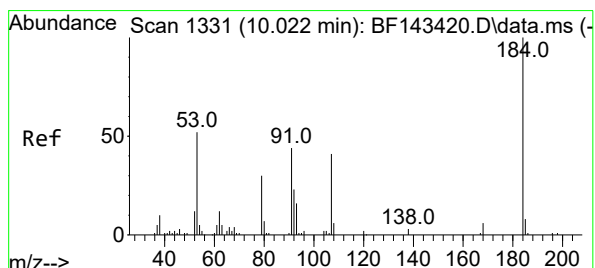
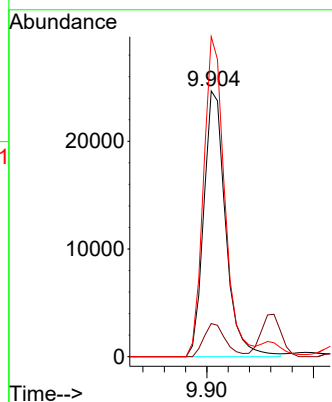
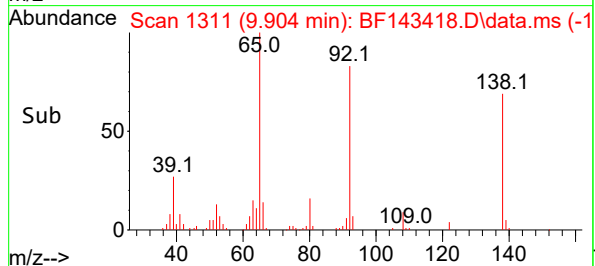
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:138 Resp: 3515
Ion Ratio Lower Upper
138 100
108 12.4 8.7 13.1
92 120.4 91.4 137.2

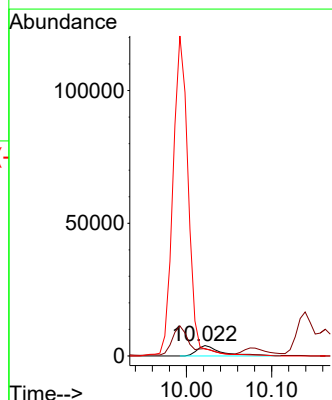
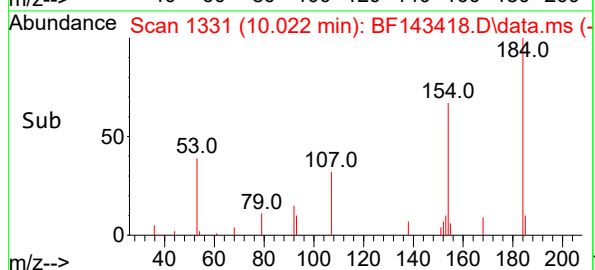
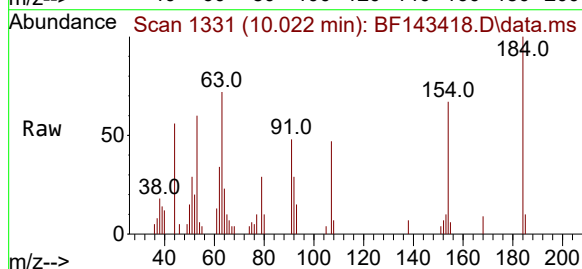
Manual Integrations
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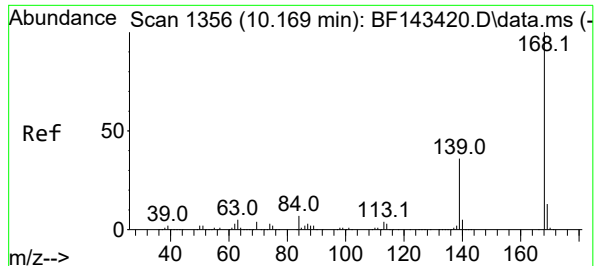
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#54
2,4-Dinitrophenol
Concen: 10.543 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

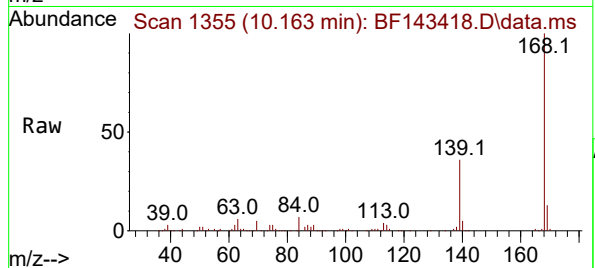
Tgt Ion:184 Resp: 7904
Ion Ratio Lower Upper
184 100
63 71.6 53.2 79.8
154 67.2 51.3 76.9





#55
Dibenzenofuran
Concen: 10.739 ng
RT: 10.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

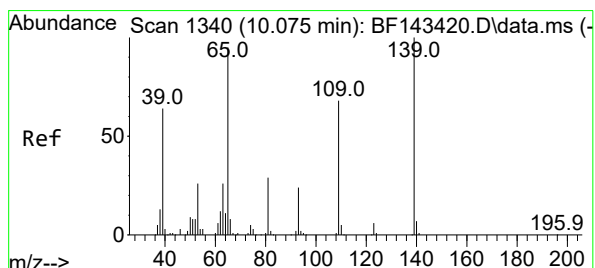
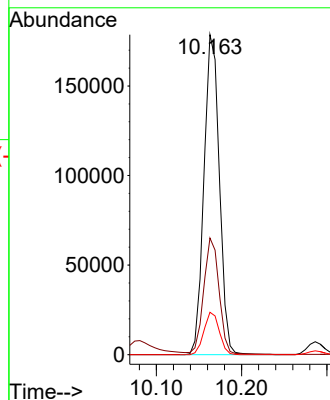
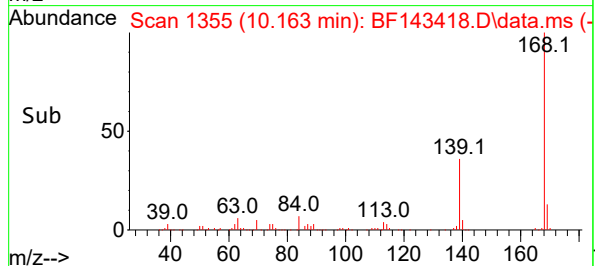
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



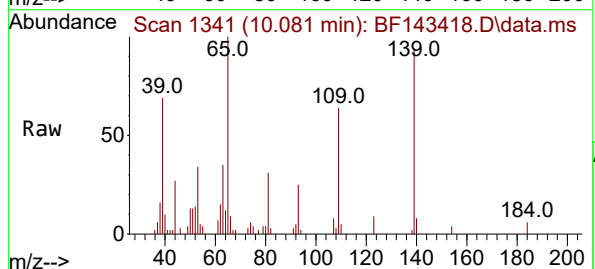
Tgt Ion:168 Resp: 224434
Ion Ratio Lower Upper
168 100
139 36.5 29.3 43.9
169 13.2 10.8 16.2

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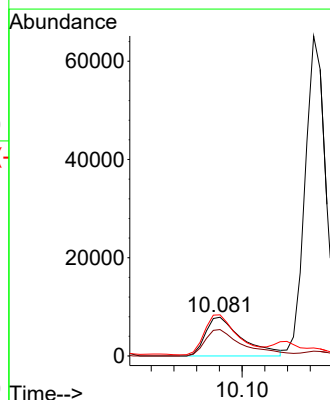
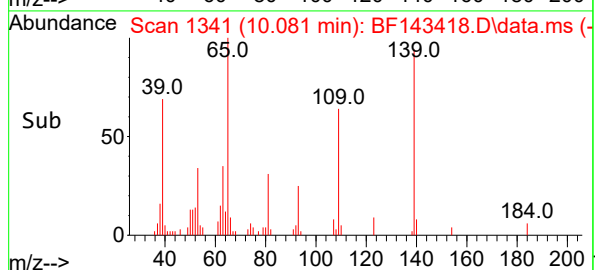
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

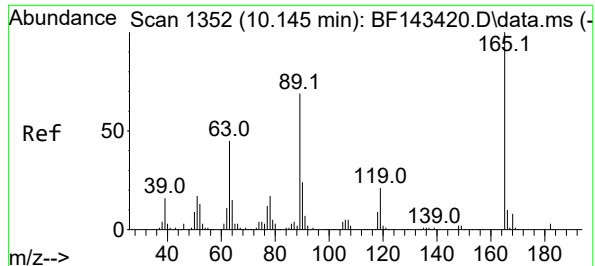


#56
4-Nitrophenol
Concen: 7.613 ng
RT: 10.081 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28



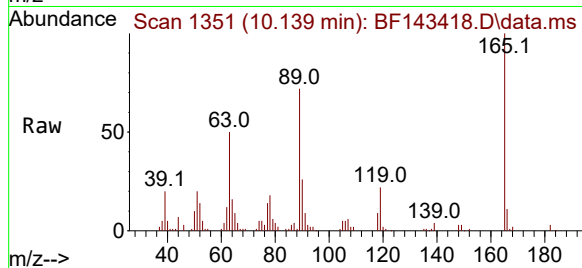
Tgt Ion:139 Resp: 17626
Ion Ratio Lower Upper
139 100
109 68.2 47.7 87.7
65 106.4 76.4 116.4





#57
2,4-Dinitrotoluene
Concen: 9.397 ng
RT: 10.139 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

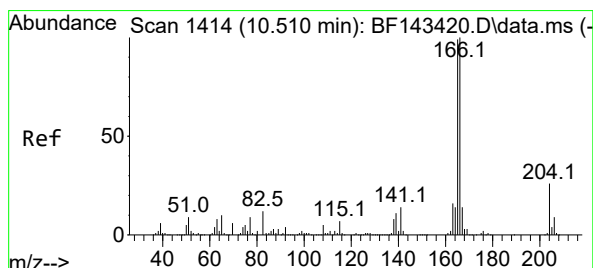
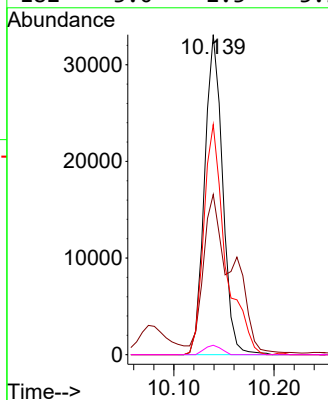
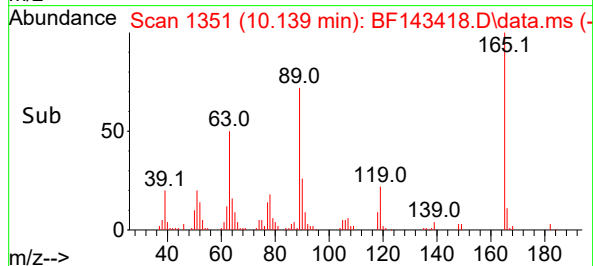
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 41418
Ion Ratio Lower Upper
165 100
63 50.0 37.0 55.6
89 71.9 55.4 83.0
182 3.0 2.3 3.5

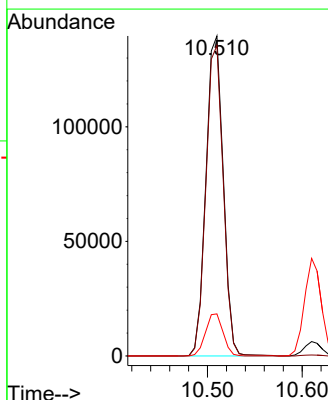
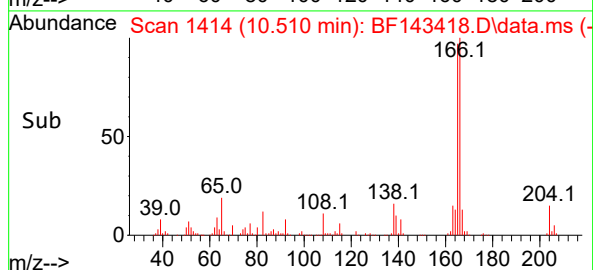
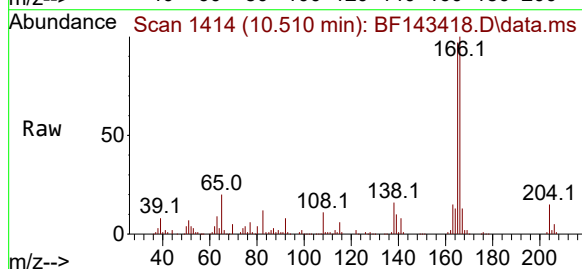
Manual Integrations
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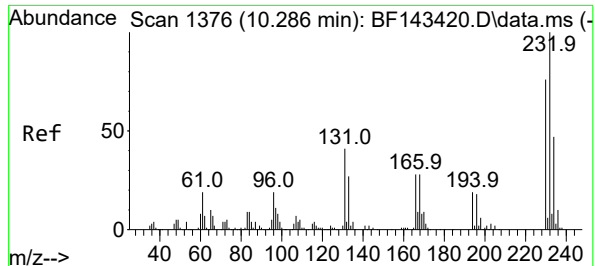
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#58
Fluorene
Concen: 11.045 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

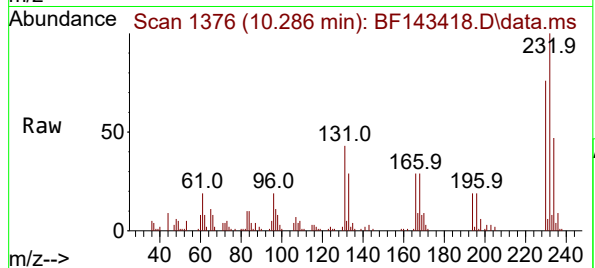
Tgt Ion:166 Resp: 177326
Ion Ratio Lower Upper
166 100
165 97.0 79.0 118.6
167 13.1 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.397 ng
RT: 10.286 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

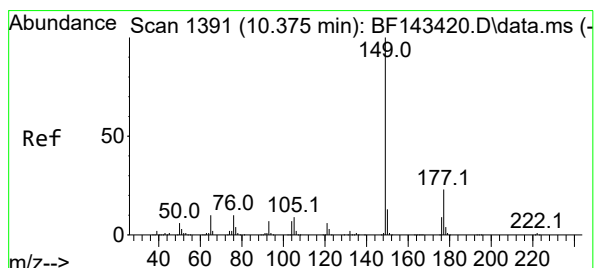
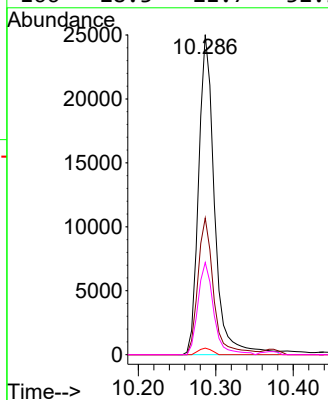
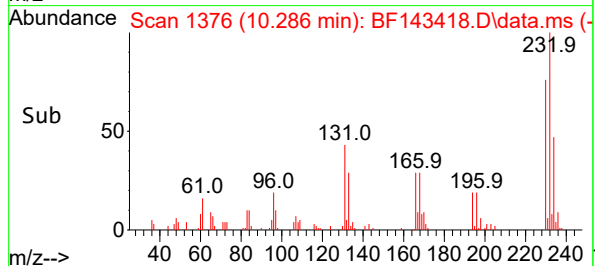
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



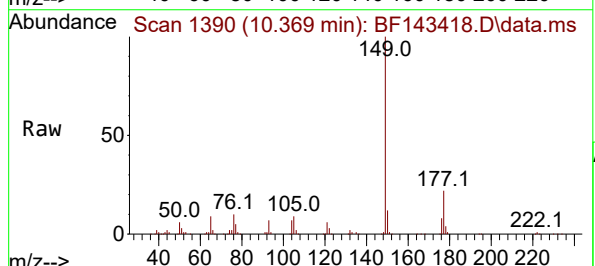
Tgt Ion:232 Resp: 35679
Ion Ratio Lower Upper
232 100
131 42.3 32.0 48.0
130 1.7 1.7 2.5
166 28.3 21.7 32.5

Manual Integrations
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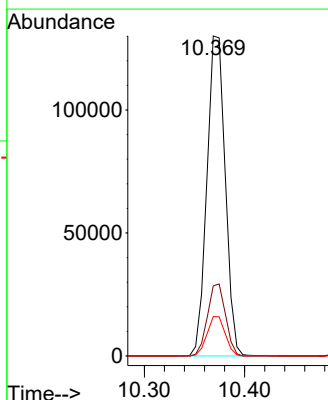
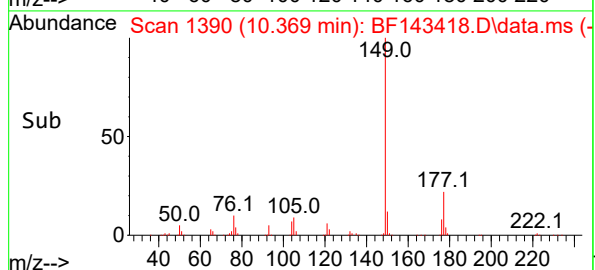
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

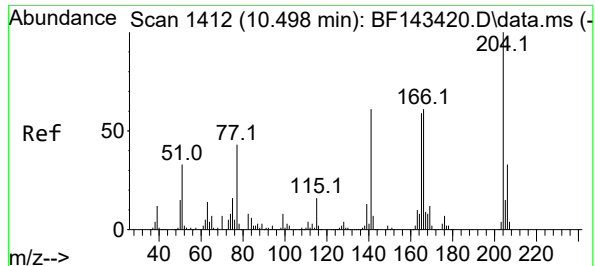


#60
Diethylphthalate
Concen: 10.700 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28



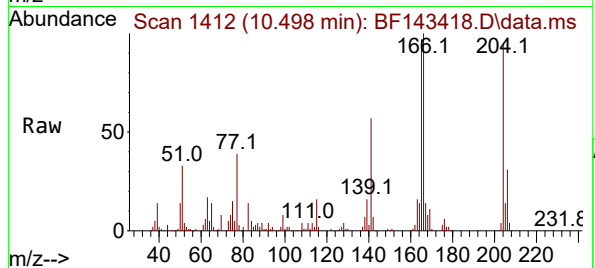
Tgt Ion:149 Resp: 165814
Ion Ratio Lower Upper
149 100
177 21.9 18.2 27.4
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 10.729 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

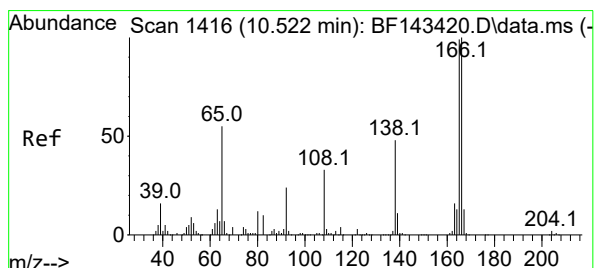
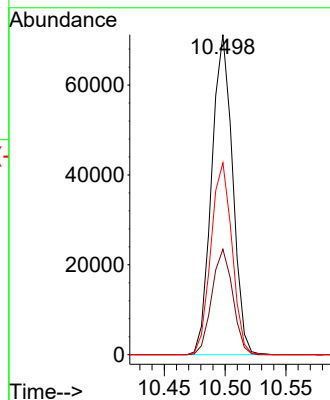
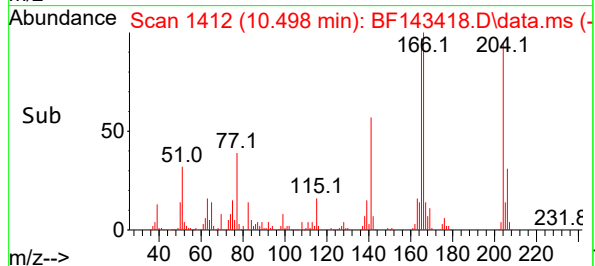
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



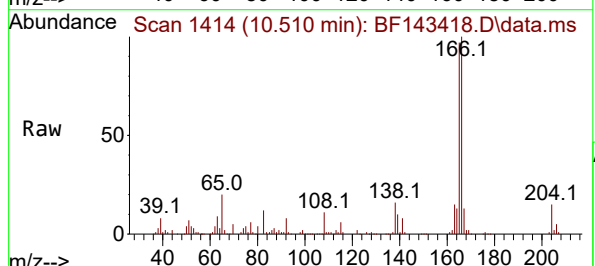
Tgt Ion:204 Resp: 85160
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 60.0 49.0 73.4

Manual Integrations
APPROVED

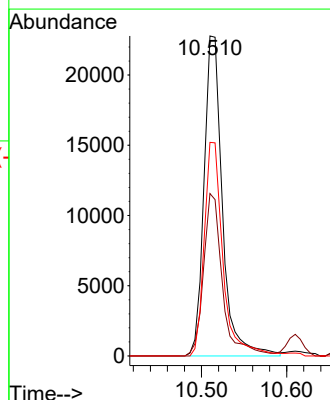
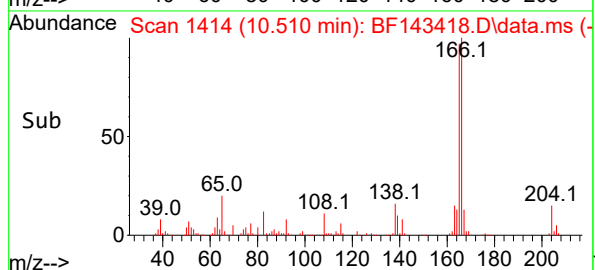
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

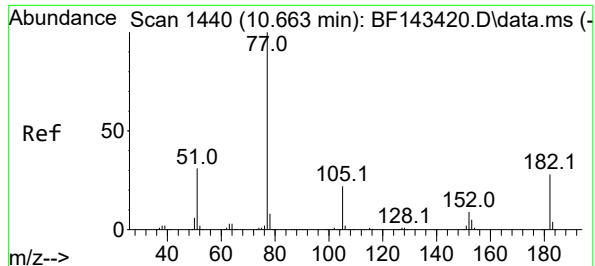


#62
4-Nitroaniline
Concen: 9.957 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28



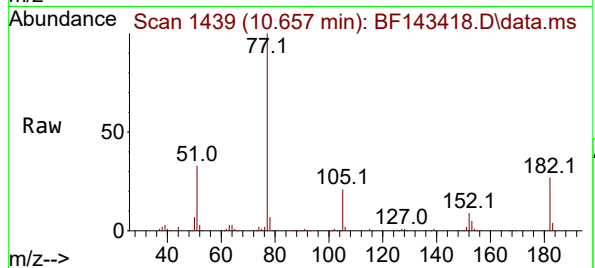
Tgt Ion:138 Resp: 34292
Ion Ratio Lower Upper
138 100
92 50.7 29.4 69.4
108 66.8 48.6 88.6





#63
Azobenzene
Concen: 10.395 ng
RT: 10.657 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

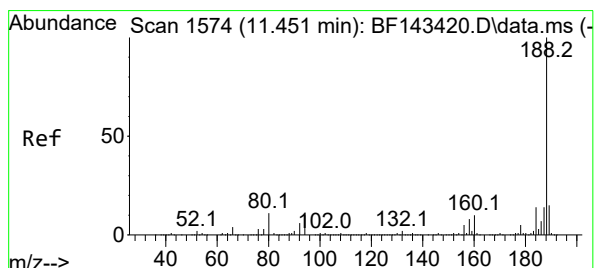
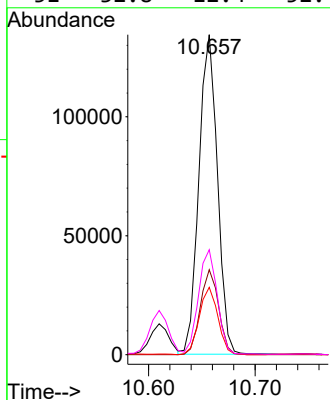
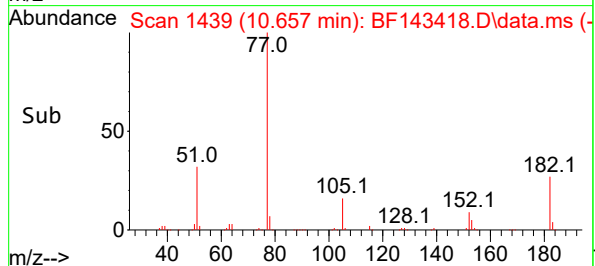
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 162818
Ion Ratio Lower Upper
77 100
182 26.6 7.4 47.4
105 21.1 1.7 41.7
51 32.8 12.4 52.4

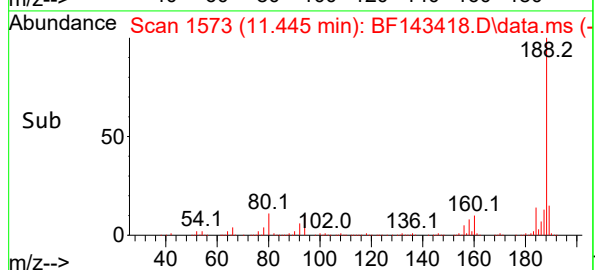
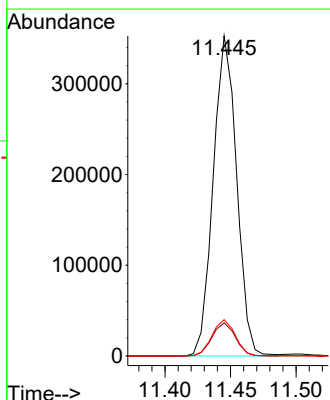
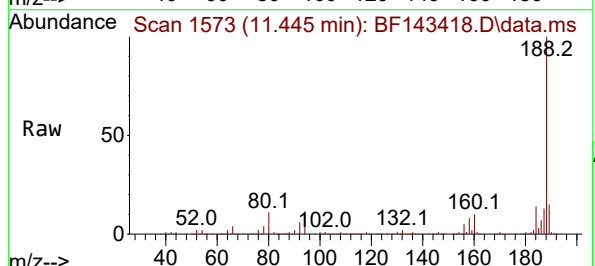
Manual Integrations
APPROVED

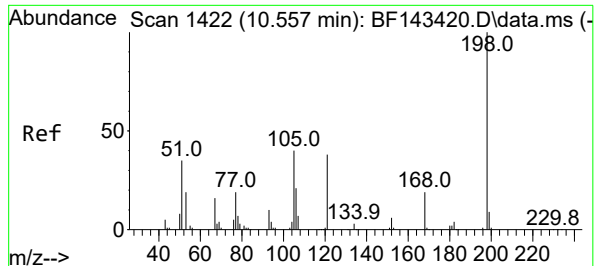
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

Tgt Ion:188 Resp: 437552
Ion Ratio Lower Upper
188 100
94 10.4 8.0 12.0
80 11.4 8.6 12.8





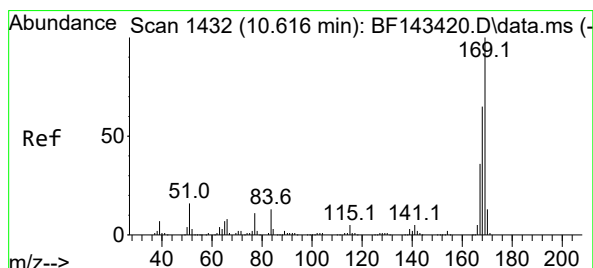
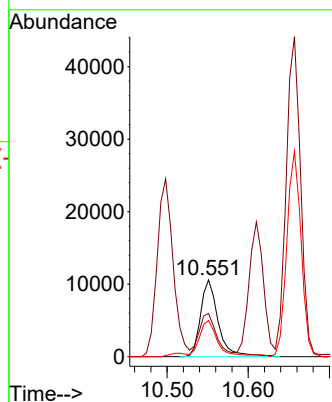
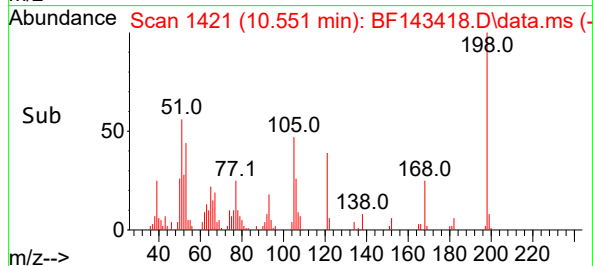
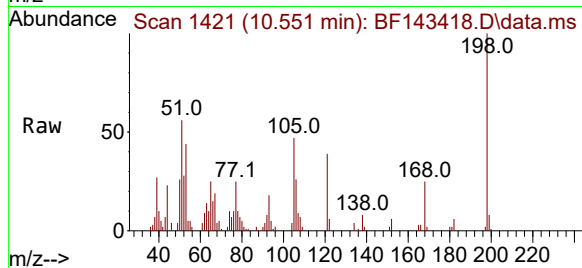
#65
4,6-Dinitro-2-methylphenol
Concen: 7.065 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 15949
Ion Ratio Lower Upper
198 100
51 56.2 31.2 71.2
105 47.0 21.7 61.7

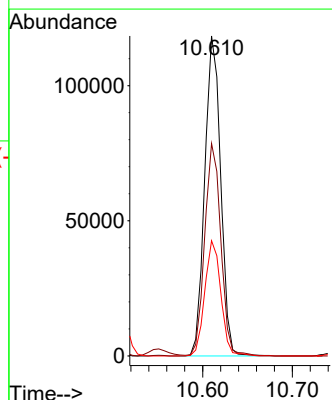
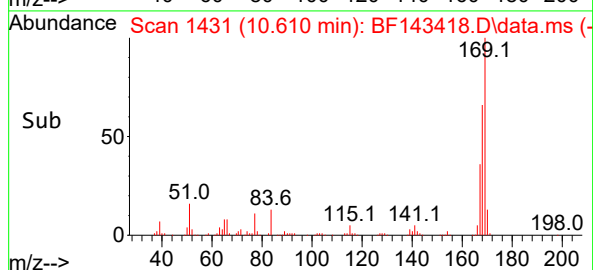
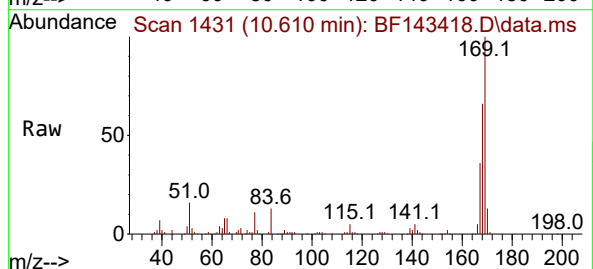
Manual Integrations
APPROVED

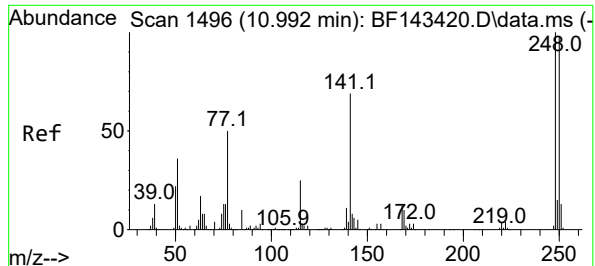
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#66
n-Nitrosodiphenylamine
Concen: 10.259 ng
RT: 10.610 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

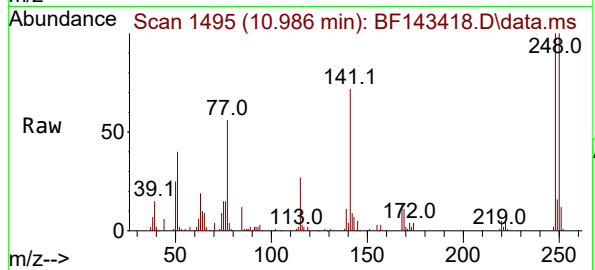
Tgt Ion:169 Resp: 145957
Ion Ratio Lower Upper
169 100
168 66.4 52.5 78.7
167 36.0 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 9.892 ng
RT: 10.986 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

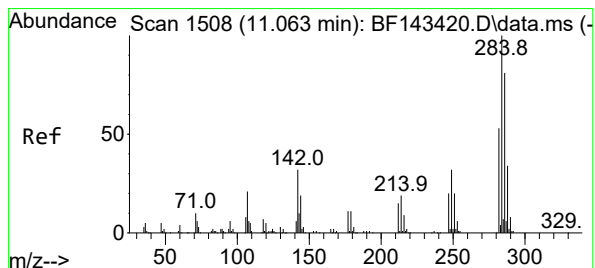
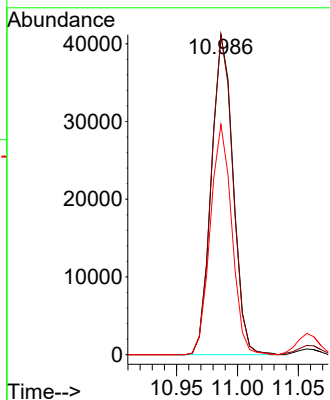
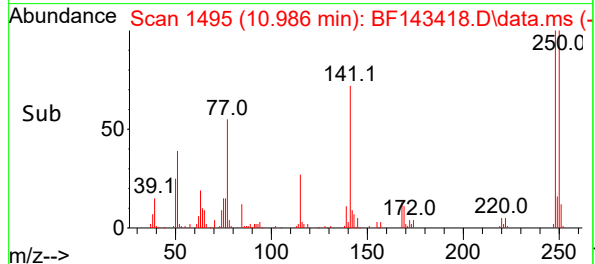
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:248 Resp: 5111
Ion Ratio Lower Upper
248 100
250 99.8 78.6 118.0
141 71.9 54.9 82.3

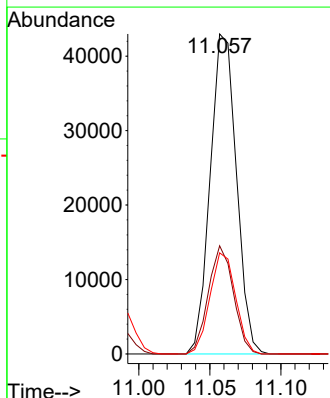
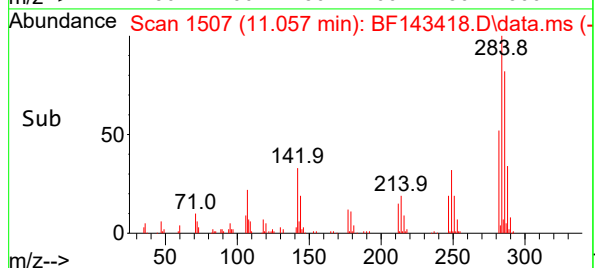
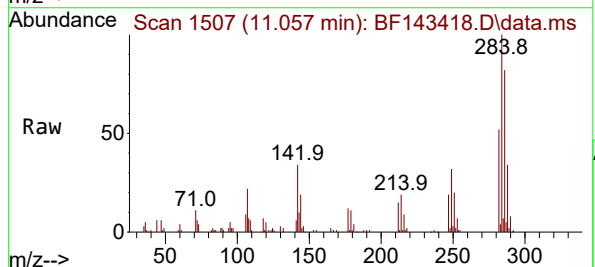
Manual Integrations
APPROVED

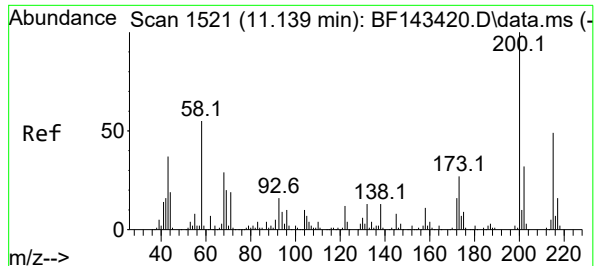
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#68
Hexachlorobenzene
Concen: 10.051 ng
RT: 11.057 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

Tgt Ion:284 Resp: 55212
Ion Ratio Lower Upper
284 100
142 33.8 25.4 38.2
249 31.6 25.4 38.0





#69

Atrazine

Concen: 9.947 ng

RT: 11.133 min Scan# 1520

Delta R.T. -0.006 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:200 Resp: 4139

Ion Ratio Lower Upper

200 100

173 27.9 6.6 46.6

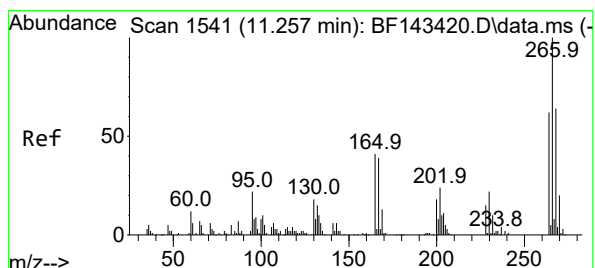
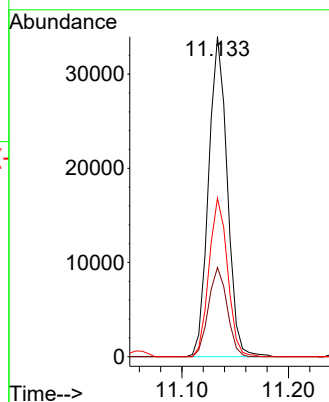
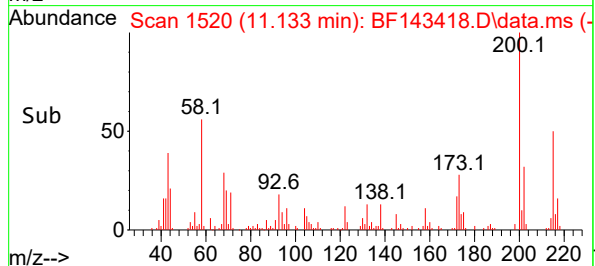
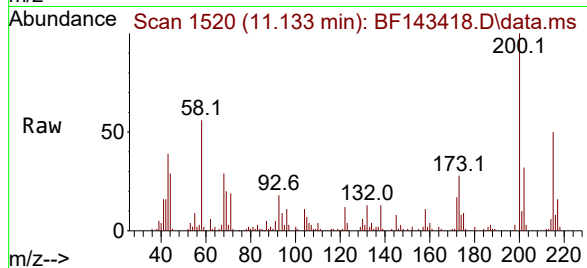
215 49.5 29.5 69.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#70

Pentachlorophenol

Concen: 6.949 ng

RT: 11.257 min Scan# 1541

Delta R.T. -0.000 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

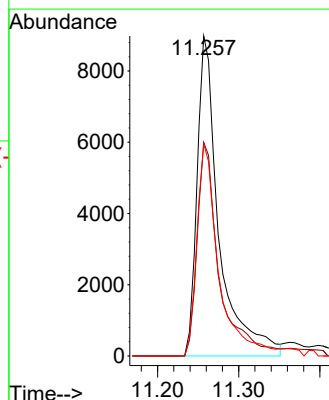
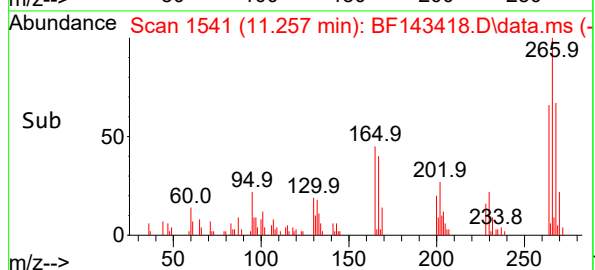
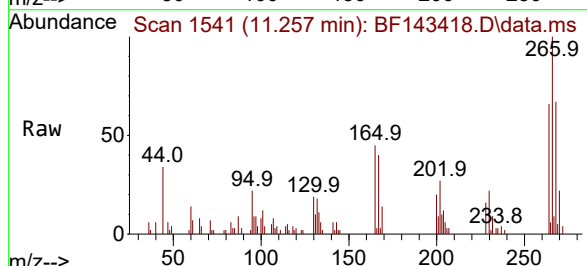
Tgt Ion:266 Resp: 16946

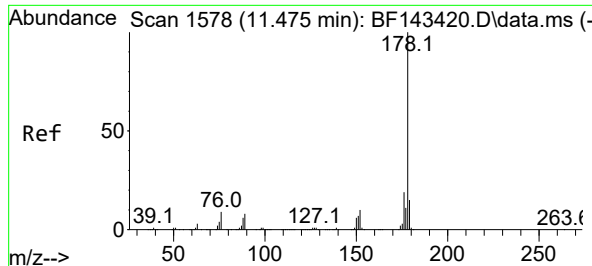
Ion Ratio Lower Upper

266 100

268 66.7 51.0 76.6

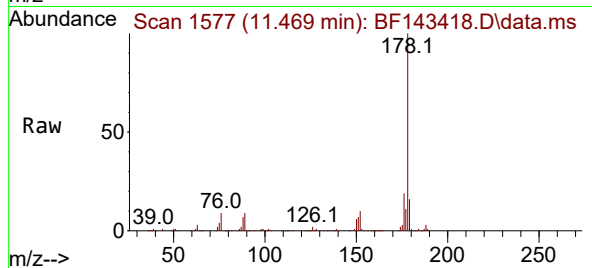
264 66.3 49.3 73.9





#71
Phenanthrene
Concen: 10.668 ng
RT: 11.469 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

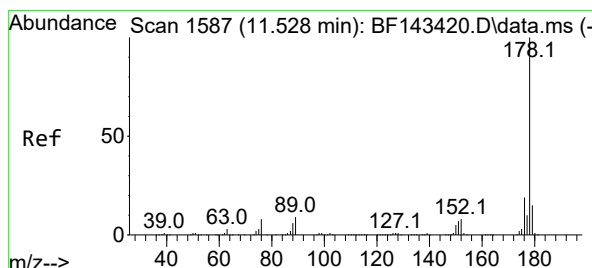
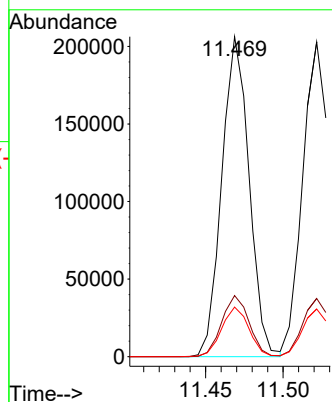
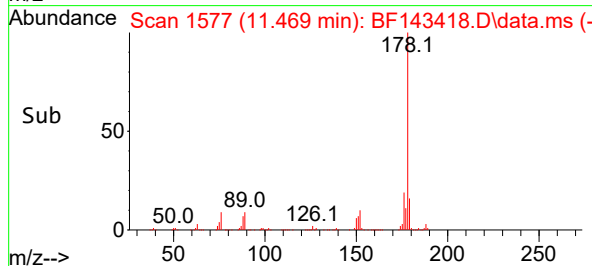
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:178 Resp: 25276
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.5 12.3 18.5

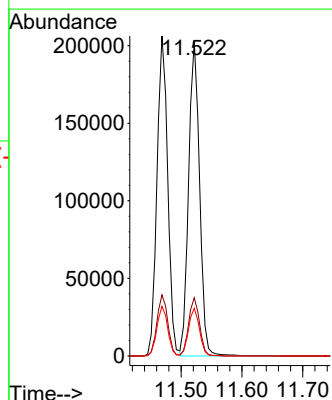
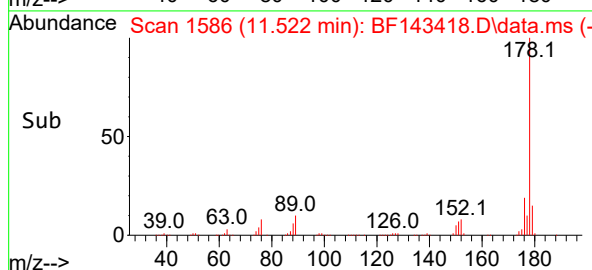
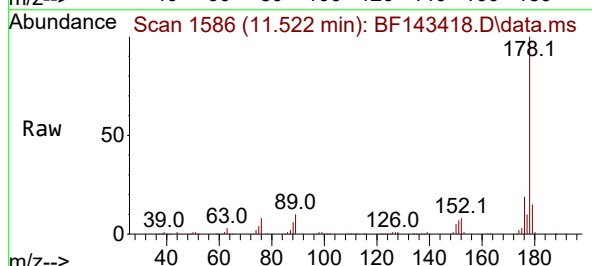
Manual Integrations
APPROVED

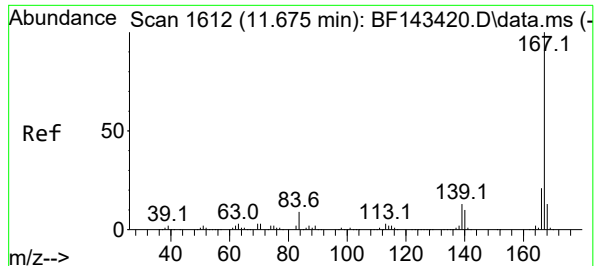
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#72
Anthracene
Concen: 10.595 ng
RT: 11.522 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

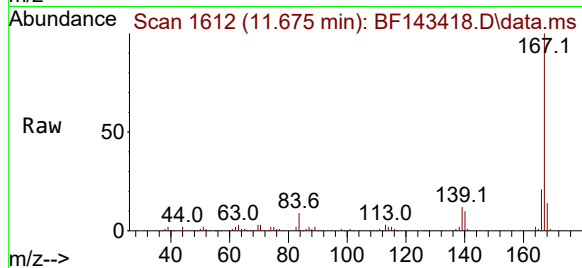
Tgt Ion:178 Resp: 253551
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.2 12.2 18.4





#73
Carbazole
Concen: 10.754 ng
RT: 11.675 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

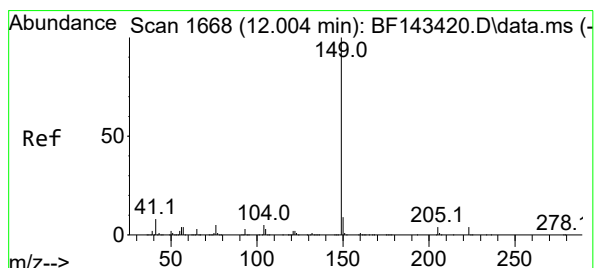
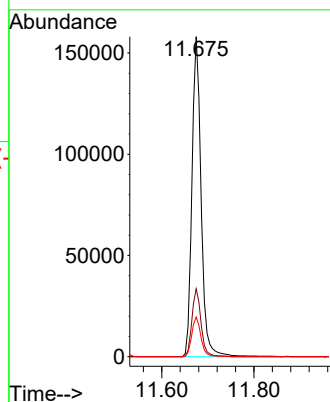
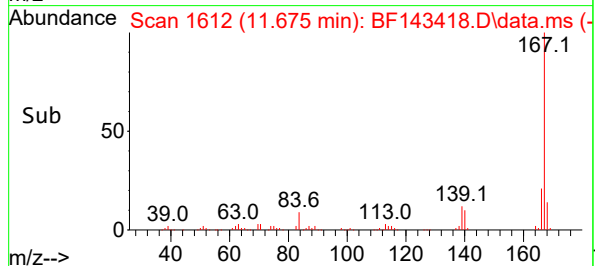
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



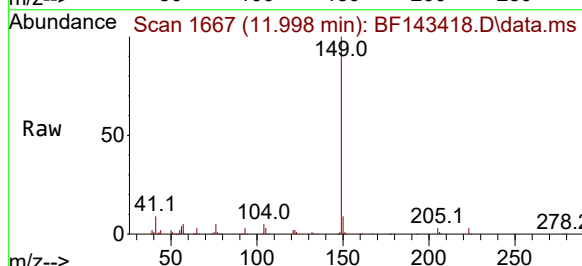
Tgt Ion:167 Resp: 21766
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 12.4 10.1 15.1

Manual Integrations
APPROVED

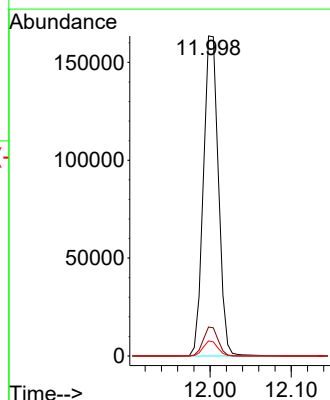
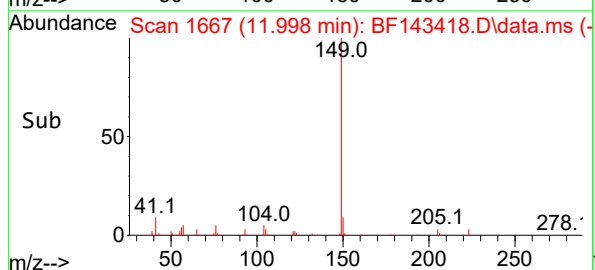
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

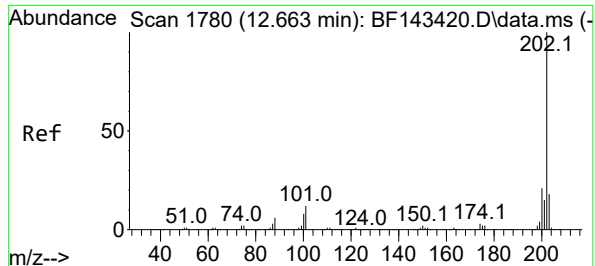


#74
Di-n-butylphthalate
Concen: 10.409 ng
RT: 11.998 min Scan# 1667
Delta R.T. -0.006 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28



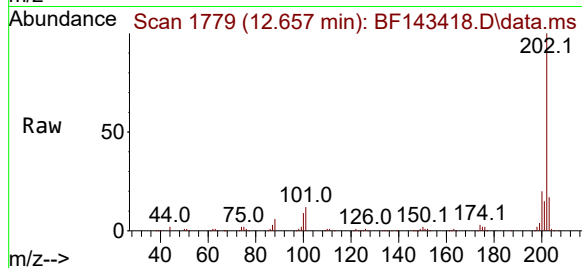
Tgt Ion:149 Resp: 209808
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 4.7 3.8 5.6





#75
Fluoranthene
Concen: 11.251 ng
RT: 12.657 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

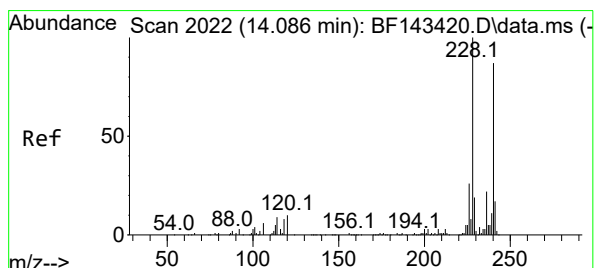
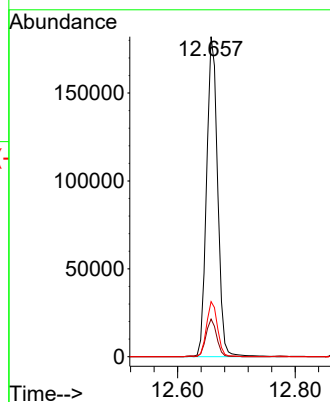
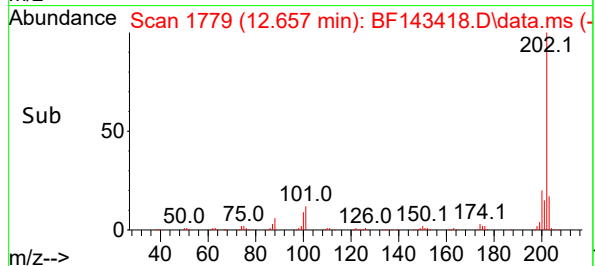
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 236882
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.5
203 17.2 0.0 37.5

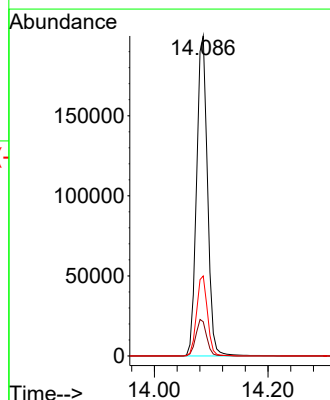
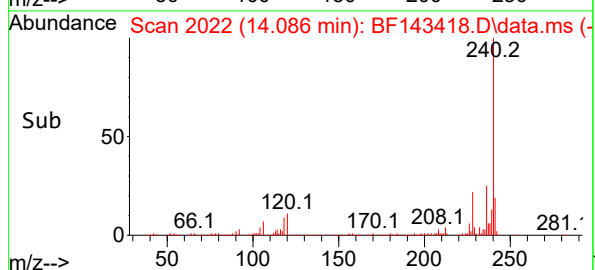
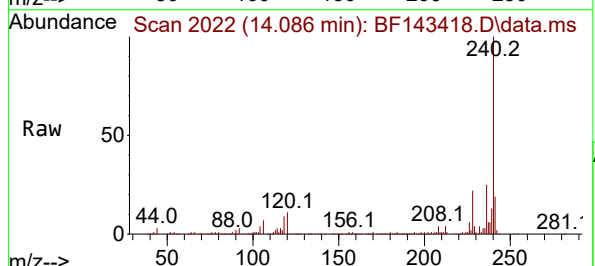
Manual Integrations
APPROVED

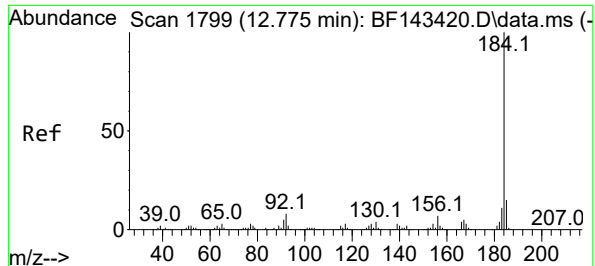
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

Tgt Ion:240 Resp: 267863
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.4
236 25.0 20.2 30.2





#77

Benzidine

Concen: 11.245 ng

RT: 12.774 min Scan# 1799

Delta R.T. -0.000 min

Lab File: BF143418.D

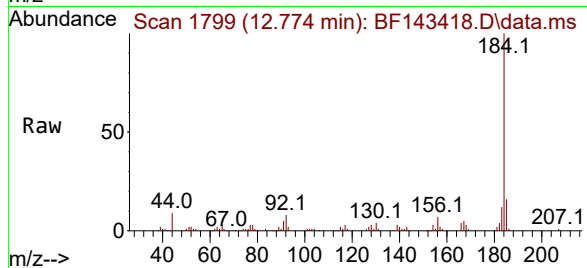
Acq: 15 Aug 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



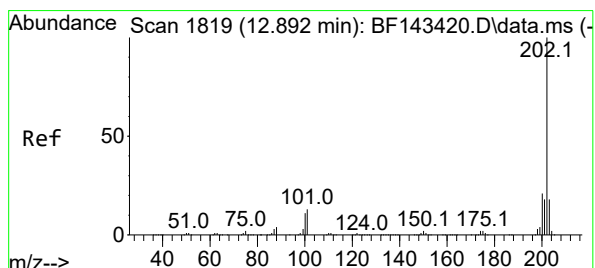
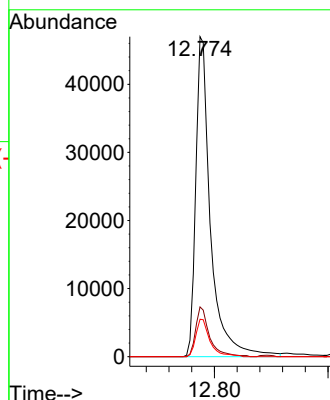
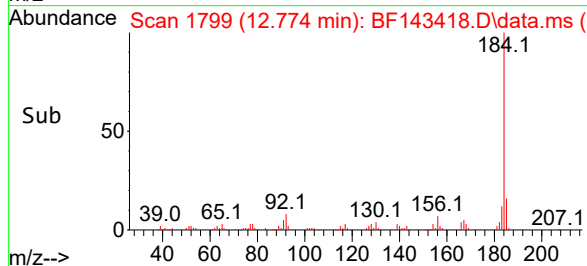
Tgt Ion:	184	Resp:	85270
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.2	18.2
183	11.7	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#78

Pyrene

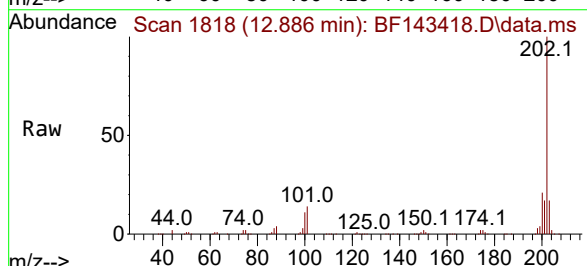
Concen: 10.480 ng

RT: 12.886 min Scan# 1818

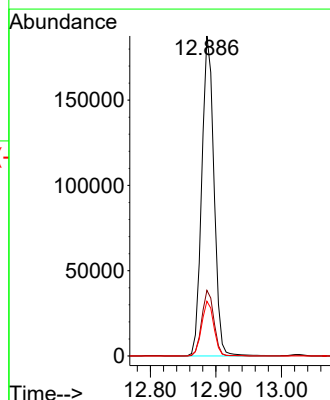
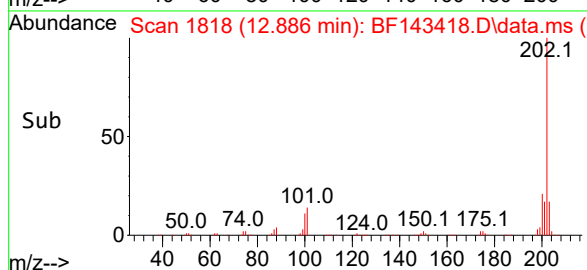
Delta R.T. -0.006 min

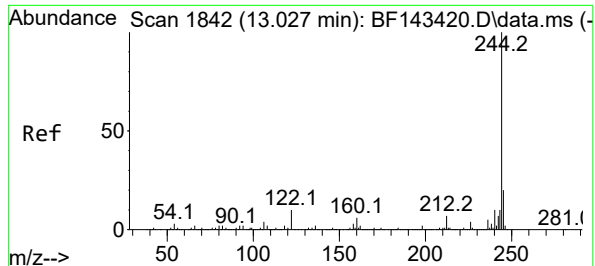
Lab File: BF143418.D

Acq: 15 Aug 2025 15:28



Tgt Ion:	202	Resp:	243992
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.1	25.7
203	17.1	14.2	21.2





#79

Terphenyl-d14

Concen: 21.429 ng

RT: 13.022 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BF143418.D

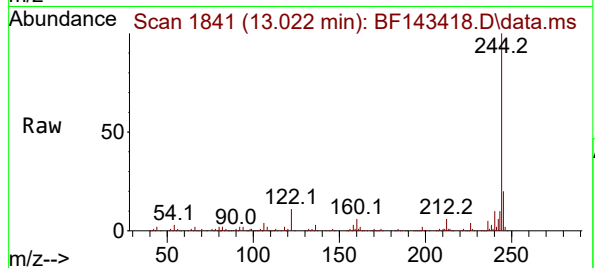
Acq: 15 Aug 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:244 Resp: 341694

Ion Ratio Lower Upper

244 100

212 6.4 5.2 7.8

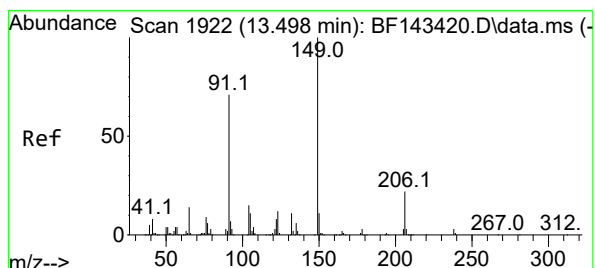
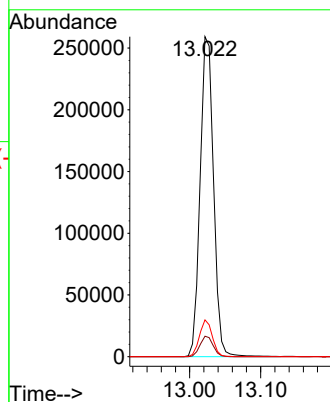
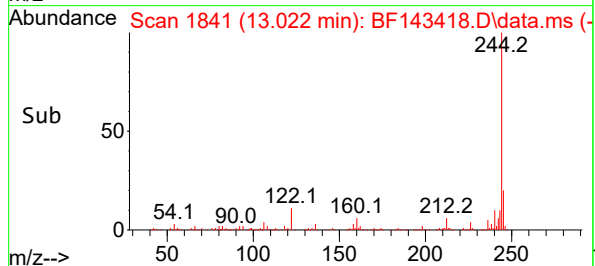
122 11.5 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#80

Butylbenzylphthalate

Concen: 8.648 ng

RT: 13.498 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

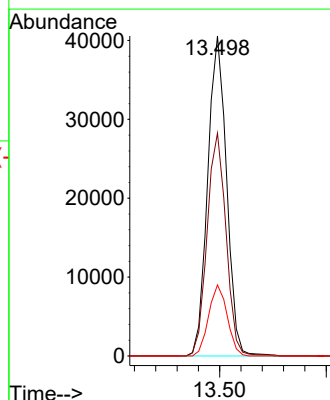
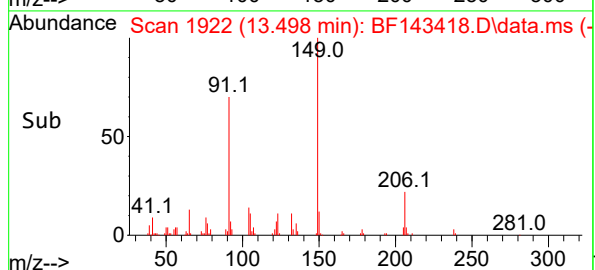
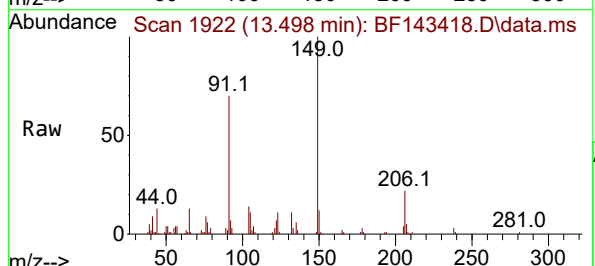
Tgt Ion:149 Resp: 49871

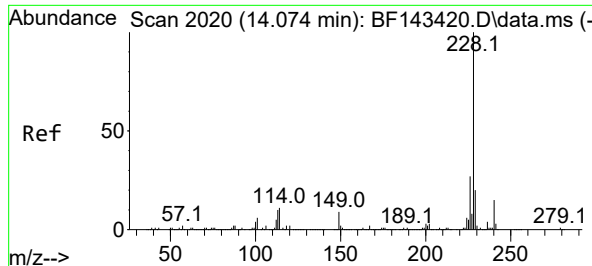
Ion Ratio Lower Upper

149 100

91 69.7 57.0 85.4

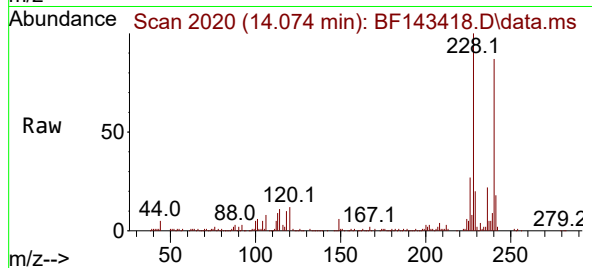
206 22.2 17.6 26.4





#81
Benzo(a)anthracene
Concen: 10.019 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

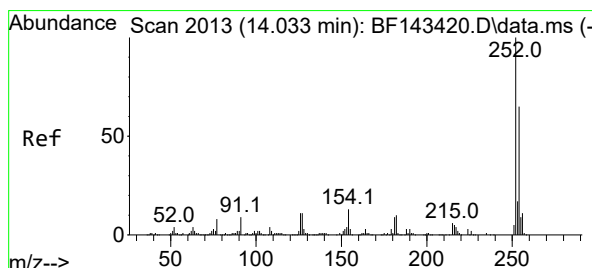
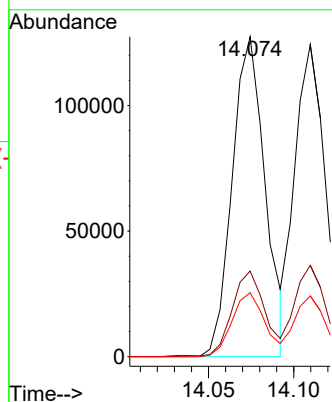
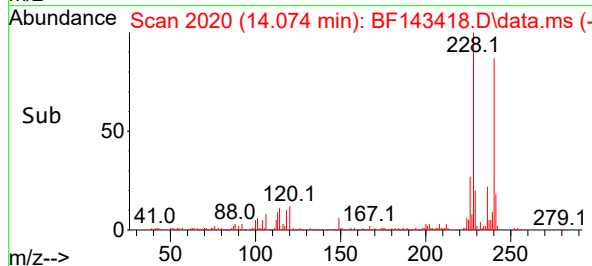
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 17085
Ion Ratio Lower Upper
228 100
226 26.8 21.5 32.3
229 20.0 15.7 23.5

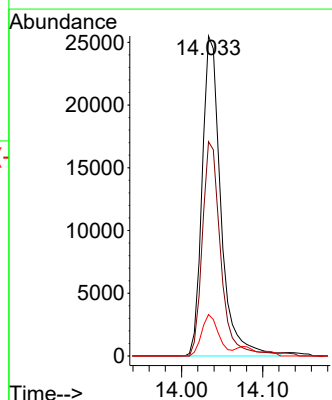
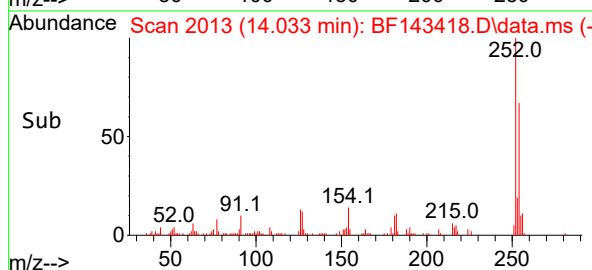
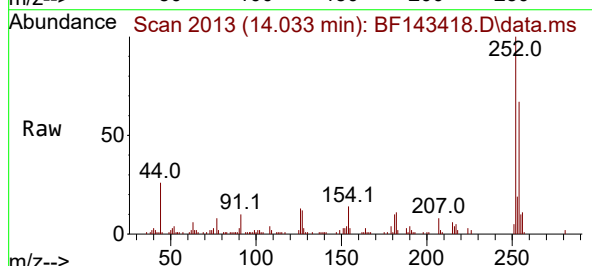
Manual Integrations
APPROVED

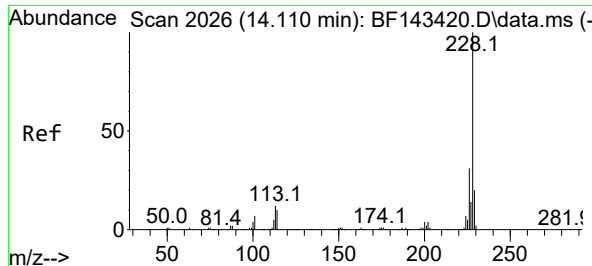
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#82
3,3'-Dichlorobenzidine
Concen: 8.158 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

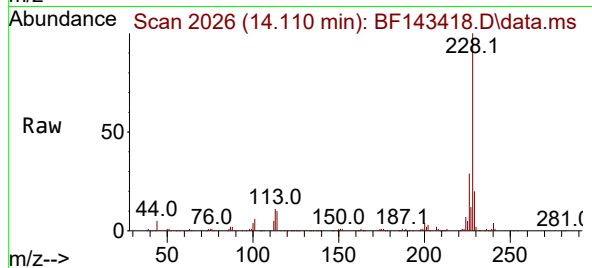
Tgt Ion:252 Resp: 40733
Ion Ratio Lower Upper
252 100
254 66.9 51.6 77.4
126 12.9 8.8 13.2





#83
Chrysene
Concen: 10.079 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

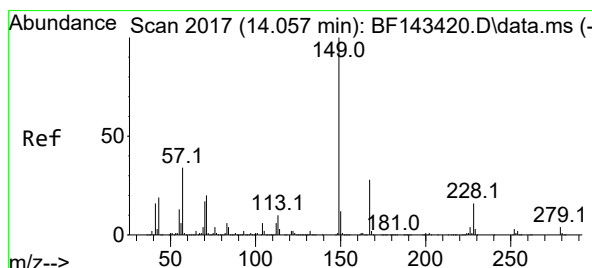
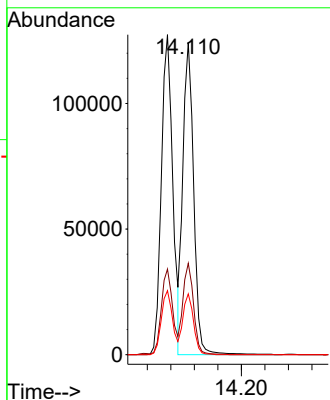
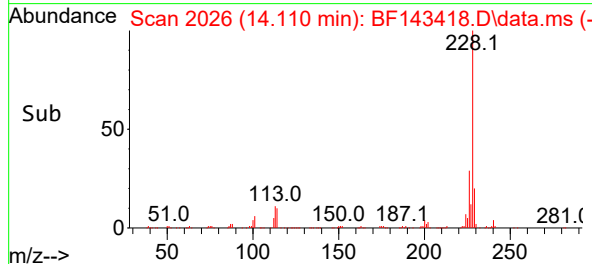
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 158897
Ion Ratio Lower Upper
228 100
226 29.3 24.3 36.5
229 19.5 16.1 24.1

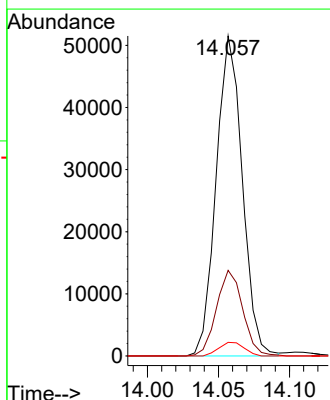
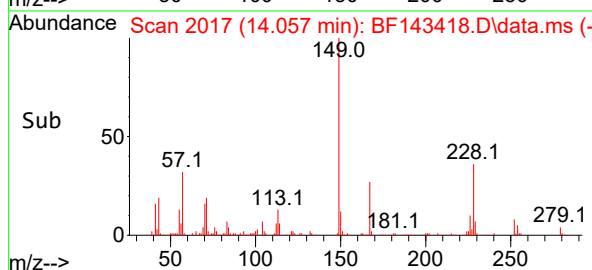
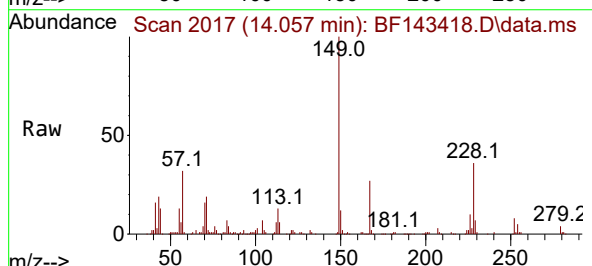
Manual Integrations
APPROVED

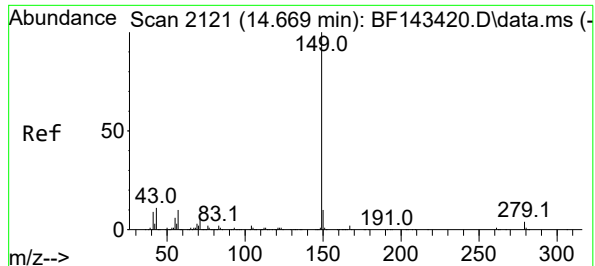
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.050 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

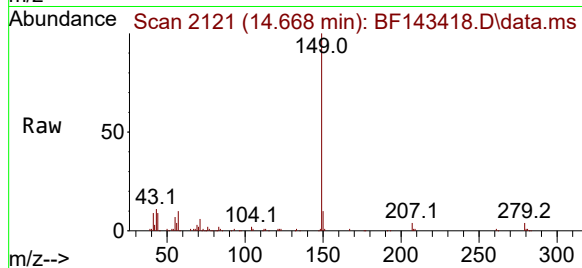
Tgt Ion:149 Resp: 65928
Ion Ratio Lower Upper
149 100
167 26.8 22.6 33.8
279 4.2 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 7.410 ng
RT: 14.668 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

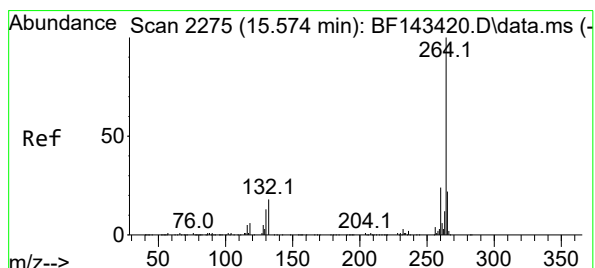
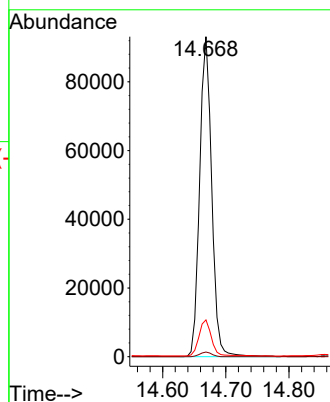
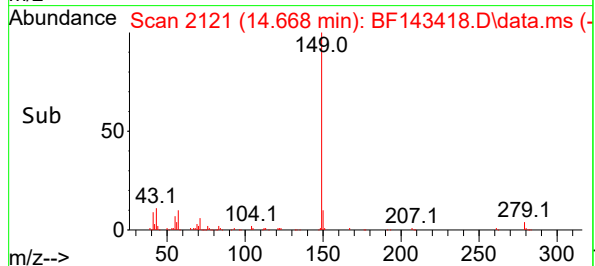
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 12307
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 11.5 9.0 13.6

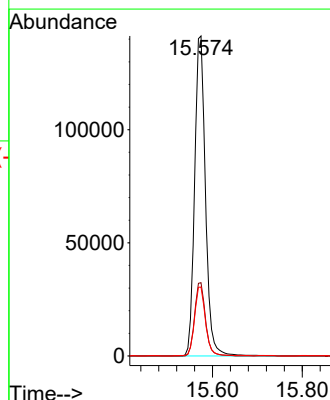
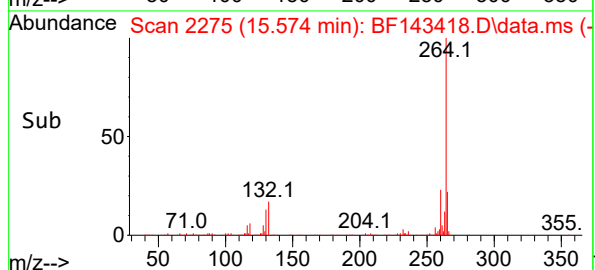
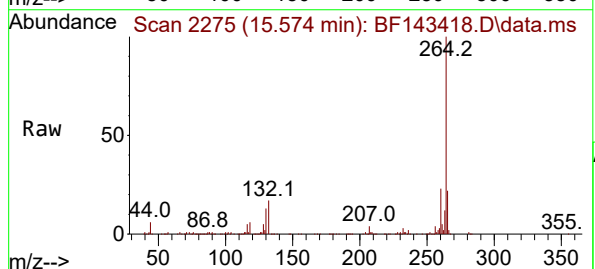
Manual Integrations
APPROVED

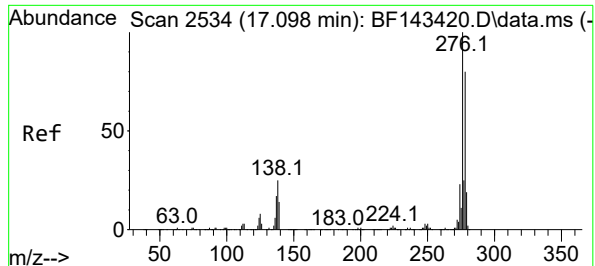
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF143418.D
Acq: 15 Aug 2025 15:28

Tgt Ion:264 Resp: 237224
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 10.222 ng

RT: 17.086 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:276 Resp: 181838

Ion Ratio Lower Upper

276 100

138 25.7 20.2 30.4

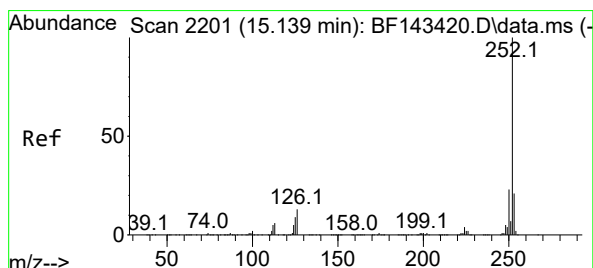
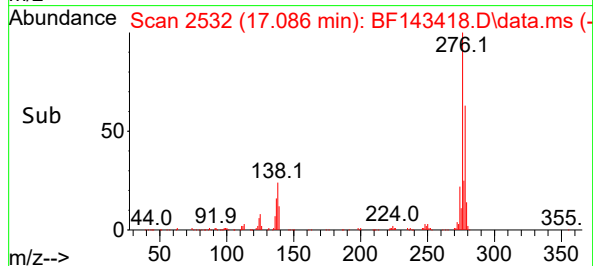
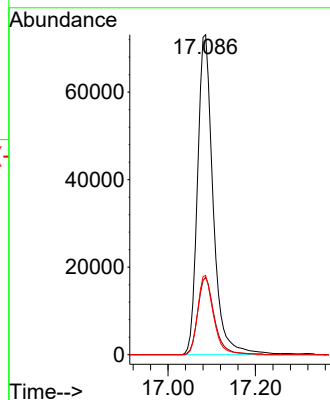
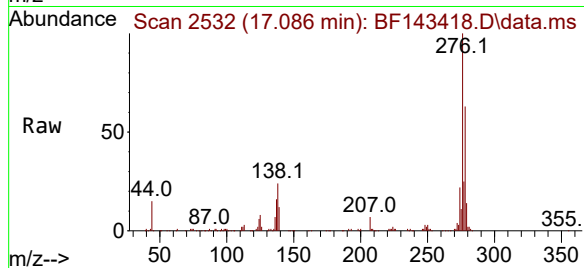
277 25.0 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#88

Benzo(b)fluoranthene

Concen: 9.347 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

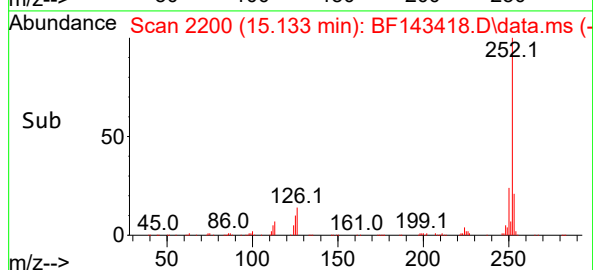
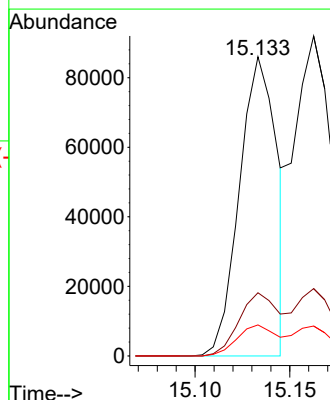
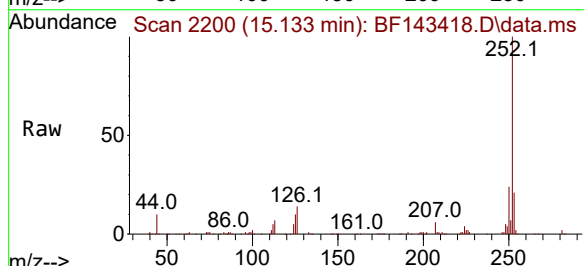
Tgt Ion:252 Resp: 118835

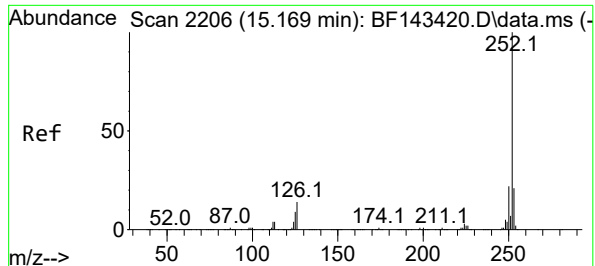
Ion Ratio Lower Upper

252 100

253 21.1 17.1 25.7

125 10.4 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 10.985 ng

RT: 15.163 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 137759

Ion Ratio Lower Upper

252 100

253 21.1 17.2 25.8

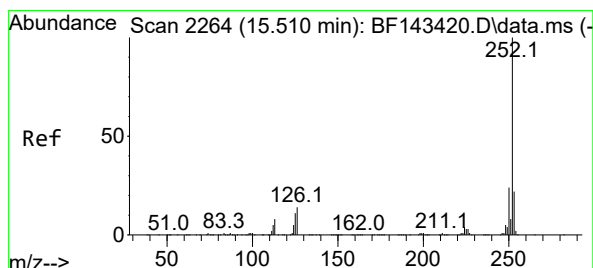
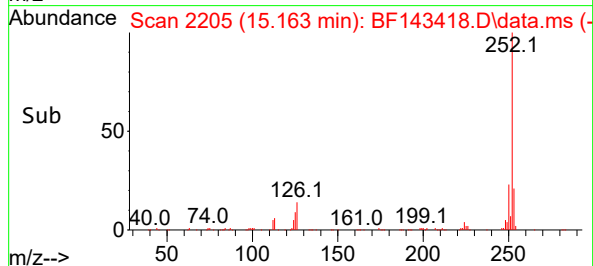
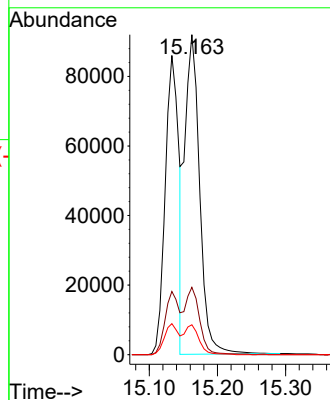
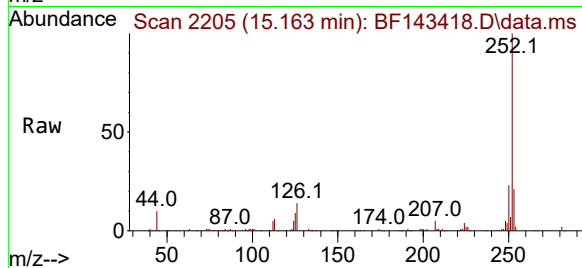
125 9.3 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#90

Benzo(a)pyrene

Concen: 9.964 ng

RT: 15.510 min Scan# 2264

Delta R.T. -0.000 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

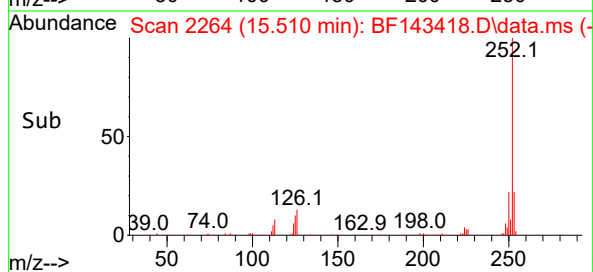
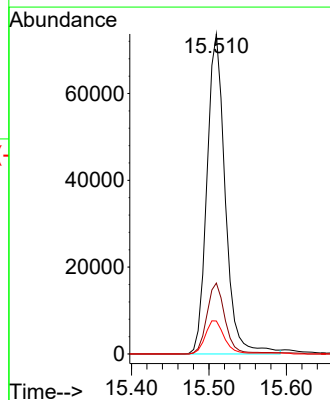
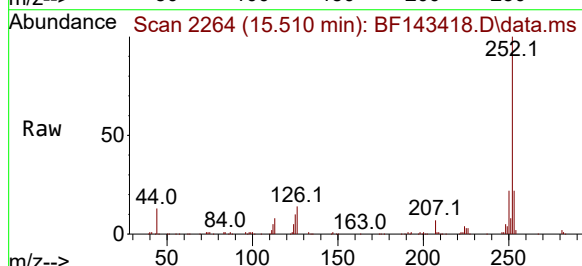
Tgt Ion:252 Resp: 120666

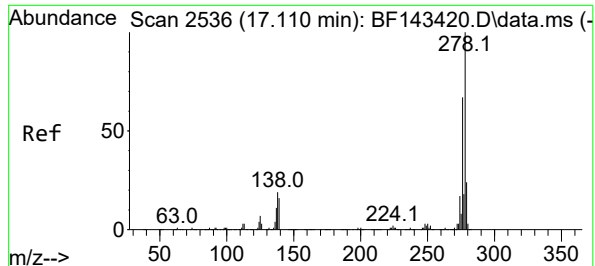
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 10.3 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 10.401 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:278 Resp: 14858

Ion Ratio Lower Upper

278 100

139 16.8 12.9 19.3

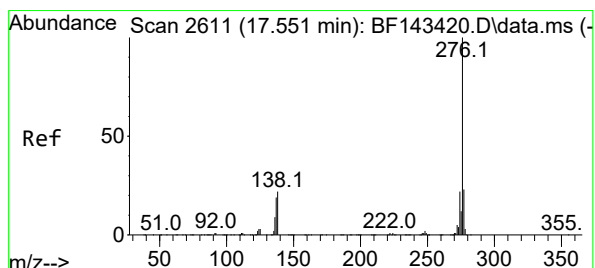
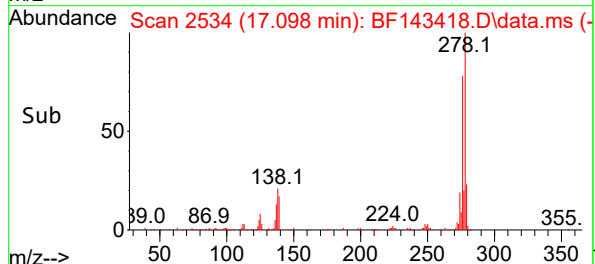
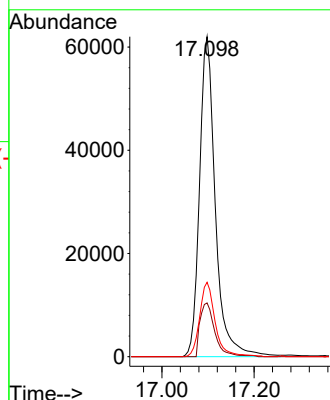
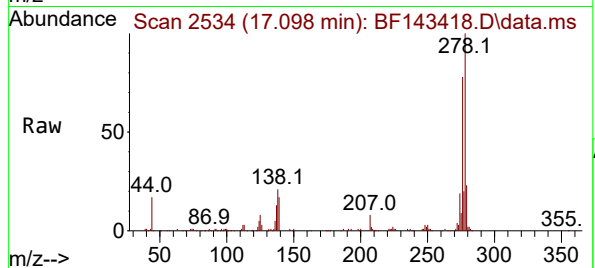
279 23.2 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#92

Benzo(g,h,i)perylene

Concen: 10.133 ng

RT: 17.539 min Scan# 2609

Delta R.T. -0.012 min

Lab File: BF143418.D

Acq: 15 Aug 2025 15:28

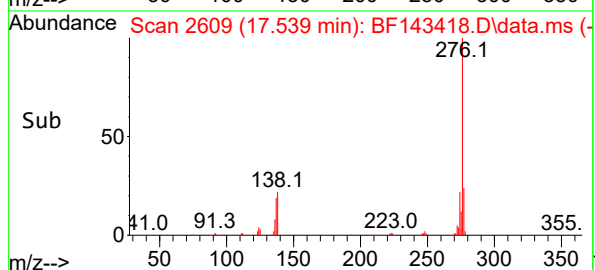
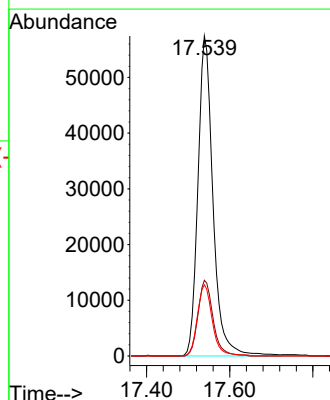
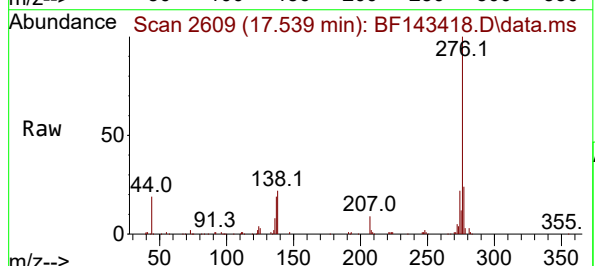
Tgt Ion:276 Resp: 144617

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 22.3 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143419.D
 Acq On : 15 Aug 2025 15:58
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
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Reviewed By :Rahul Chavli 08/18/2025
 Supervised By :Jagrut Upadhyay 08/18/2025

Quant Time: Aug 15 18:26:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:23:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	131465	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	508953	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	281751	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	446308	20.000	ng	0.00
76) Chrysene-d12	14.086	240	237684	20.000	ng	0.00
86) Perylene-d12	15.574	264	269028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	322905	42.697	ng	0.00
7) Phenol-d6	6.557	99	403785	42.366	ng	0.00
23) Nitrobenzene-d5	7.481	82	358277	41.772	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	104587	41.705	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	727542	43.433	ng	0.00
79) Terphenyl-d14	13.027	244	631704	44.646	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	74627	20.500	ng	99
3) Pyridine	3.516	79	195638	20.491	ng	99
4) n-Nitrosodimethylamine	3.440	42	88004	19.831	ng	97
6) Aniline	6.587	93	274228	21.194	ng	98
8) 2-Chlorophenol	6.716	128	177182	21.221	ng	98
9) Benzaldehyde	6.475	77	140473	27.706	ng	99
10) Phenol	6.569	94	239446	21.530	ng	92
11) bis(2-Chloroethyl)ether	6.657	93	171939	20.856	ng	98
12) 1,3-Dichlorobenzene	6.869	146	197517	21.118	ng	99
13) 1,4-Dichlorobenzene	6.946	146	196309	21.024	ng	99
14) 1,2-Dichlorobenzene	7.098	146	188077	21.088	ng	100
15) Benzyl Alcohol	7.063	79	145881	20.755	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.193	45	301172	21.369	ng	99
17) 2-Methylphenol	7.175	107	141953	20.838	ng	98
18) Hexachloroethane	7.440	117	67502	21.238	ng	99
19) n-Nitroso-di-n-propyla...	7.328	70	123829	20.987	ng	98
20) 3+4-Methylphenols	7.328	107	182897	22.454	ng	98
22) Acetophenone	7.328	105	234922	21.468	ng	99
24) Nitrobenzene	7.504	77	189535	21.143	ng	99
25) Isophorone	7.740	82	341350	20.794	ng	100
26) 2-Nitrophenol	7.822	139	86694	20.862	ng	99
27) 2,4-Dimethylphenol	7.857	122	153145	21.796	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	210282	20.840	ng	100
29) 2,4-Dichlorophenol	8.069	162	153094	21.374	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	154544	21.058	ng	98
31) Naphthalene	8.228	128	515775	21.346	ng	100
32) Benzoic acid	7.957	122	71922m	19.776	ng	
33) 4-Chloroaniline	8.275	127	184406	21.143	ng	99
34) Hexachlorobutadiene	8.351	225	97824	20.903	ng	99
35) Caprolactam	8.622	113	42831	20.770	ng	97
36) 4-Chloro-3-methylphenol	8.757	107	153403	20.795	ng	98
37) 2-Methylnaphthalene	8.922	142	349766	21.475	ng	100
38) 1-Methylnaphthalene	9.022	142	337056	21.600	ng	100
40) 1,2,4,5-Tetrachloroben...	9.087	216	164739	20.965	ng	99
41) Hexachlorocyclopentadiene	9.075	237	39498	19.242	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	102250	20.860	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143419.D
 Acq On : 15 Aug 2025 15:58
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/18/2025
 Supervised By :Jagrut Upadhyay 08/18/2025

Quant Time: Aug 15 18:26:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:23:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	111266	21.177	ng	98
46) 1,1'-Biphenyl	9.381	154	423276	21.382	ng	99
47) 2-Chloronaphthalene	9.410	162	332051	21.249	ng	98
48) 2-Nitroaniline	9.498	65	96534	20.759	ng	100
49) Acenaphthylene	9.822	152	480293	21.288	ng	99
50) Dimethylphthalate	9.675	163	367621	20.928	ng	99
51) 2,6-Dinitrotoluene	9.734	165	72730	21.003	ng	99
52) Acenaphthene	9.992	154	322026	21.221	ng	100
53) 3-Nitroaniline	9.910	138	79853	20.702	ng	99
54) 2,4-Dinitrophenol	10.022	184	24644	19.975	ng	97
55) Dibenzofuran	10.169	168	468229	21.390	ng	99
56) 4-Nitrophenol	10.075	139	47964	19.778	ng	98
57) 2,4-Dinitrotoluene	10.139	165	97735	21.170	ng	97
58) Fluorene	10.510	166	362746	21.570	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	82552	20.756	ng	96
60) Diethylphthalate	10.375	149	342918	21.125	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	175302	21.084	ng	99
62) 4-Nitroaniline	10.516	138	76220	21.129	ng	99
63) Azobenzene	10.657	77	346304	21.108	ng	98
65) 4,6-Dinitro-2-methylph...	10.551	198	43027	18.685	ng	96
66) n-Nitrosodiphenylamine	10.616	169	301902	20.804	ng	99
67) 4-Bromophenyl-phenylether	10.986	248	108605	20.607	ng	96
68) Hexachlorobenzene	11.063	284	115655	20.642	ng	99
69) Atrazine	11.139	200	87958	20.722	ng	98
70) Pentachlorophenol	11.257	266	47465	19.081	ng	98
71) Phenanthrene	11.475	178	505004	20.895	ng	100
72) Anthracene	11.522	178	520546	21.325	ng	100
73) Carbazole	11.675	167	435759	21.107	ng	100
74) Di-n-butylphthalate	12.004	149	433056	21.064	ng	100
75) Fluoranthene	12.657	202	458001	21.327	ng	99
77) Benzidine	12.775	184	178128	26.473	ng	99
78) Pyrene	12.886	202	463473	22.435	ng	99
80) Butylbenzylphthalate	13.498	149	105931	20.702	ng	99
81) Benzo(a)anthracene	14.074	228	313332	20.706	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	90692	20.470	ng	98
83) Chrysene	14.110	228	294690	21.065	ng	98
84) Bis(2-ethylhexyl)phtha...	14.057	149	148211	20.395	ng	99
85) Di-n-octyl phthalate	14.669	149	287456	19.503	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	422226	20.929	ng	99
88) Benzo(b)fluoranthene	15.133	252	311415	21.598	ng	99
89) Benzo(k)fluoranthene	15.163	252	274840	19.326	ng	99
90) Benzo(a)pyrene	15.510	252	283654	20.655	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	343124	21.179	ng	99
92) Benzo(g,h,i)perylene	17.545	276	338060	20.888	ng	100

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

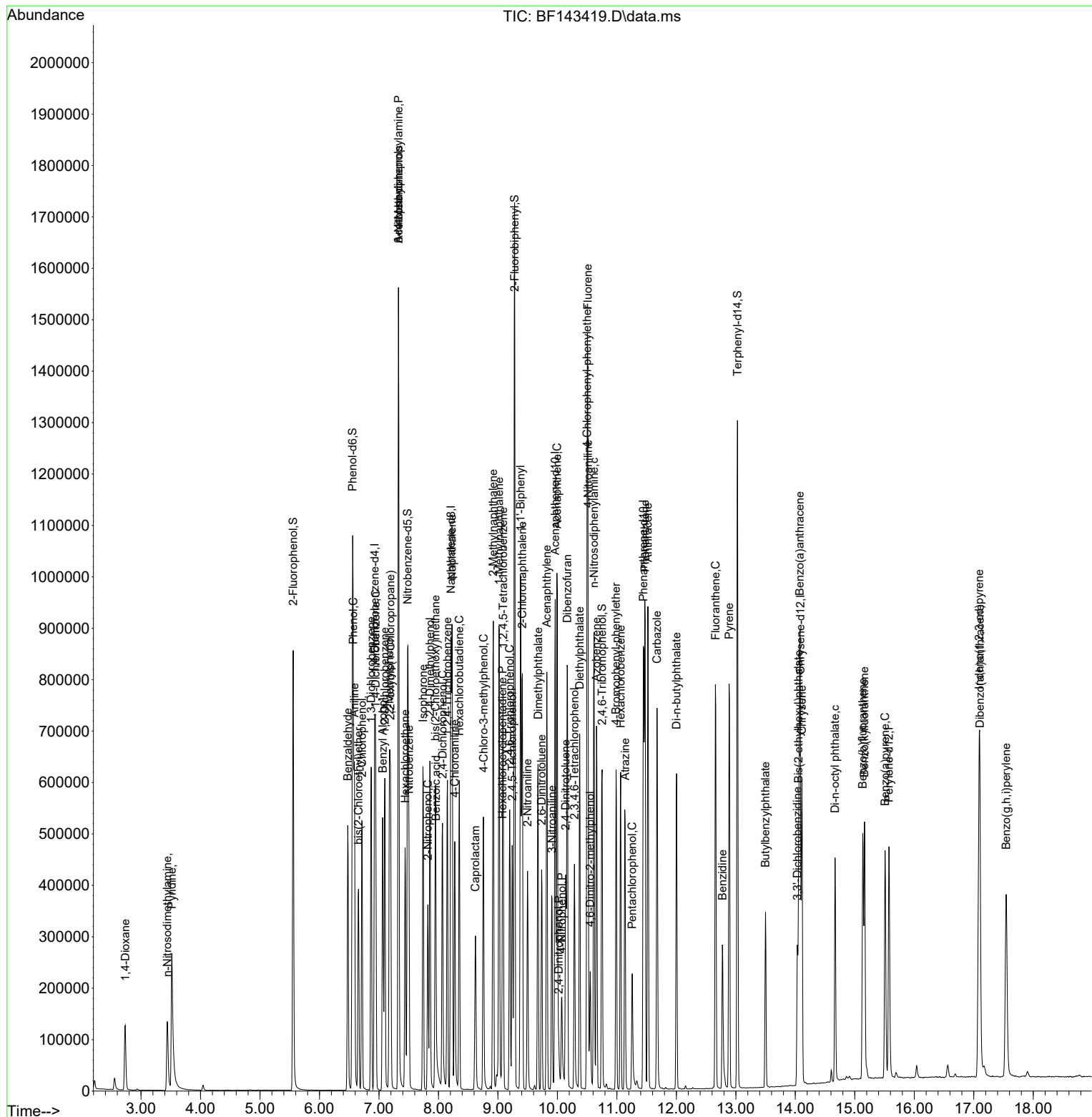
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Data File : BF143419.D
Acq On : 15 Aug 2025 15:58
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

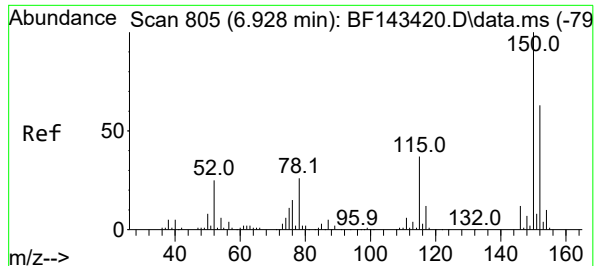
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jaagrut Upadhyay 08/18/2025

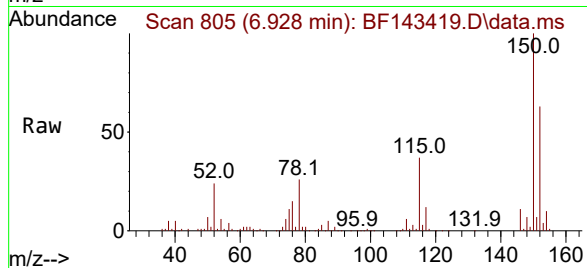
Quant Time: Aug 15 18:26:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

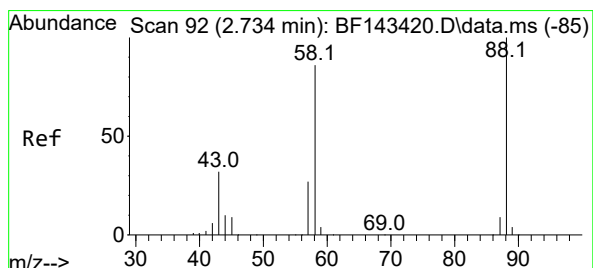
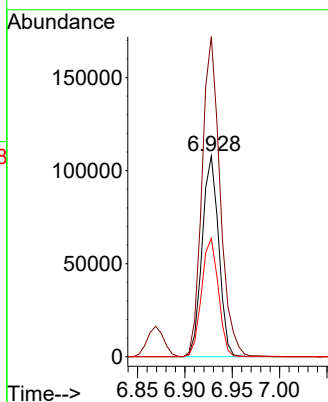
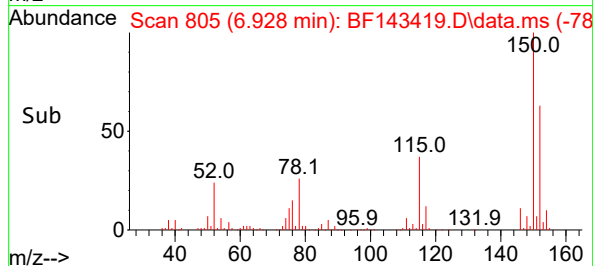
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 13146
Ion Ratio Lower Upper
152 100
150 159.5 127.4 191.2
115 59.0 47.5 71.3

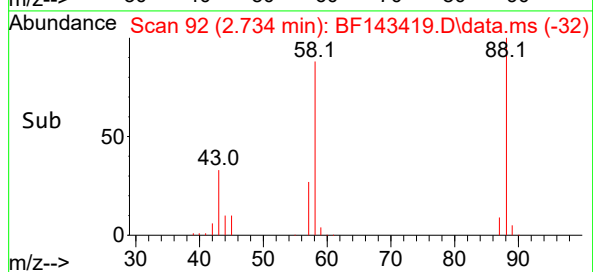
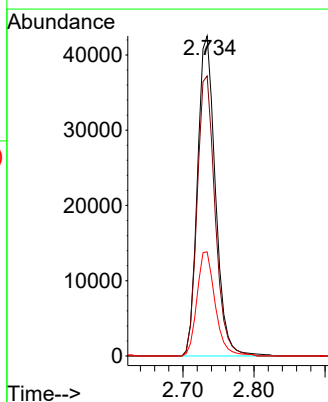
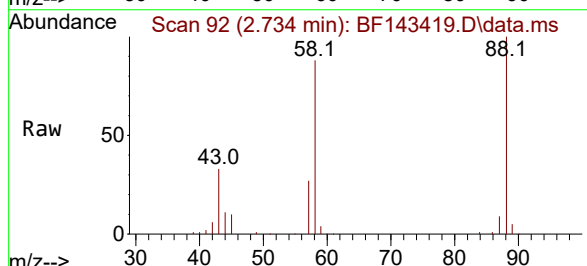
Manual Integrations
APPROVED

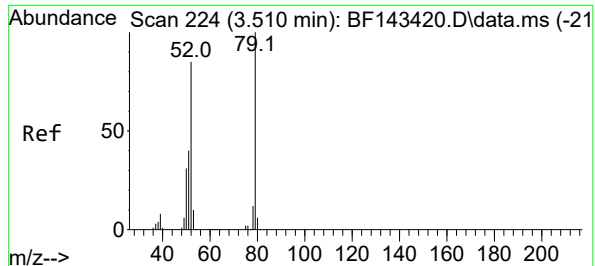
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#2
1,4-Dioxane
Concen: 20.500 ng
RT: 2.734 min Scan# 92
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

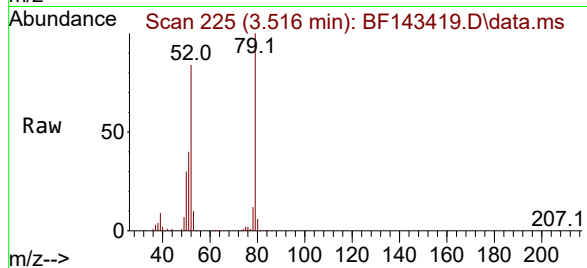
Tgt Ion: 88 Resp: 74627
Ion Ratio Lower Upper
88 100
58 87.5 68.7 103.1
43 33.1 26.1 39.1





#3
Pyridine
Concen: 20.491 ng
RT: 3.516 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

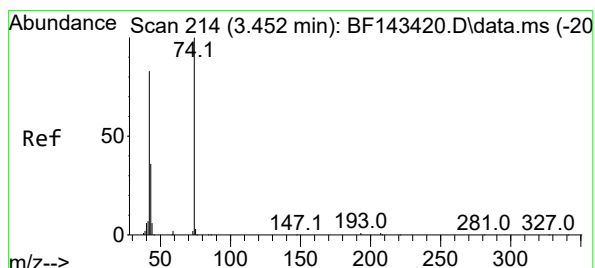
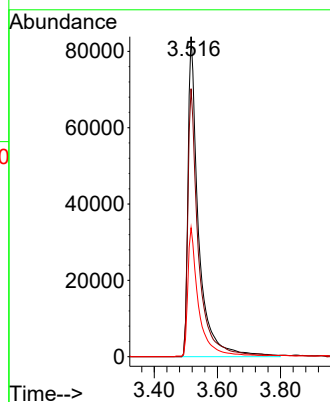
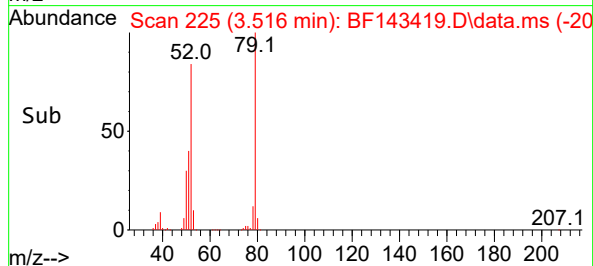
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 79 Resp: 195638
Ion Ratio Lower Upper
79 100
52 83.8 67.7 101.5
51 40.3 32.3 48.5

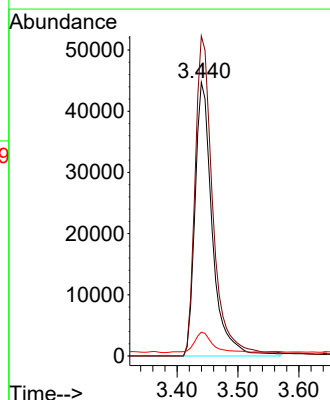
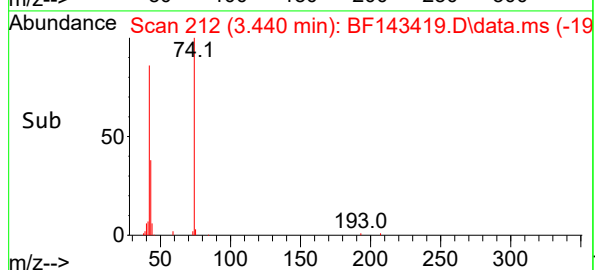
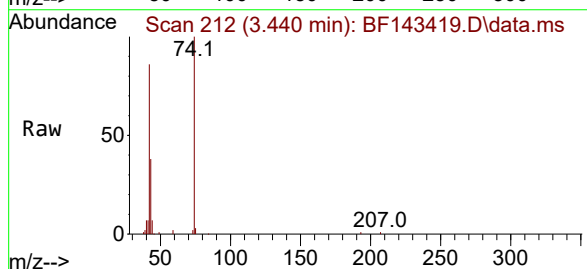
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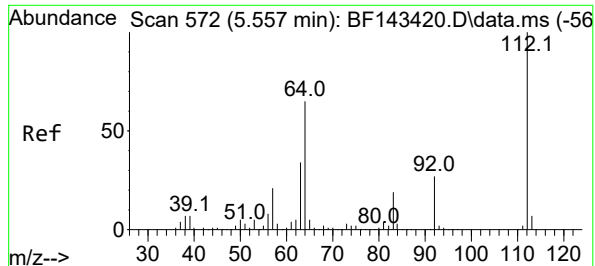
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#4
n-Nitrosodimethylamine
Concen: 19.831 ng
RT: 3.440 min Scan# 212
Delta R.T. -0.012 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

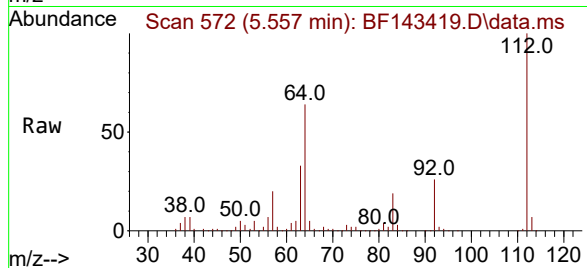
Tgt Ion: 42 Resp: 88004
Ion Ratio Lower Upper
42 100
74 117.0 96.2 144.4
44 8.7 5.9 8.9





#5
2-Fluorophenol
Concen: 42.697 ng
RT: 5.557 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

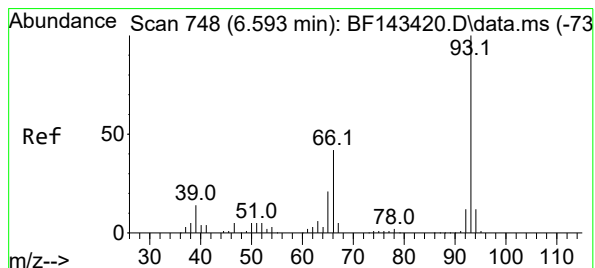
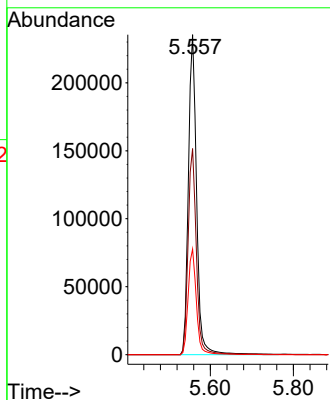
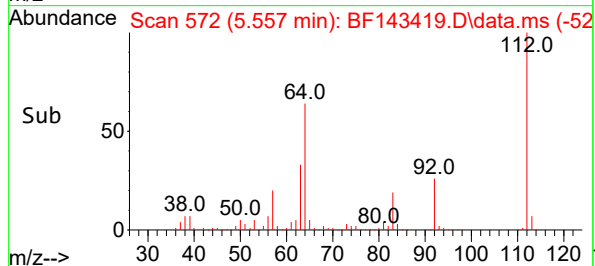
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:112 Resp: 322905
Ion Ratio Lower Upper
112 100
64 64.4 52.2 78.2
63 33.0 27.0 40.6

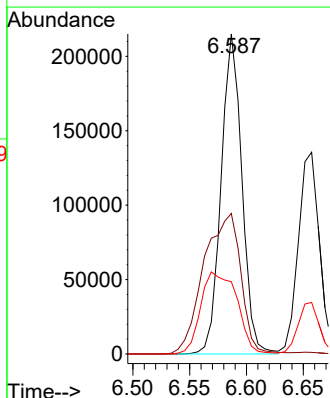
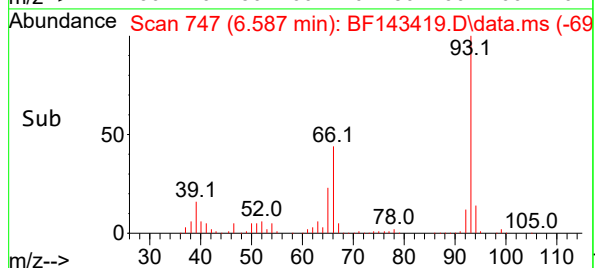
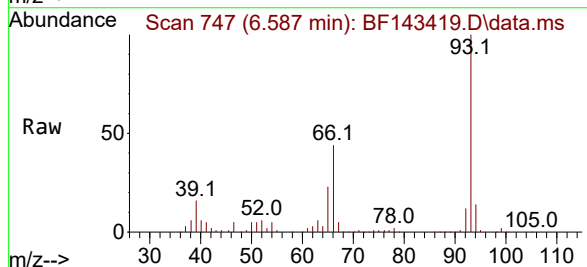
Manual Integrations
APPROVED

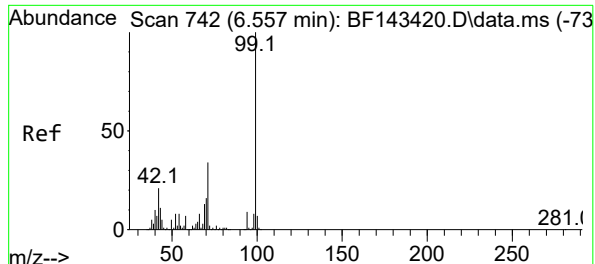
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#6
Aniline
Concen: 21.194 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Tgt Ion: 93 Resp: 274228
Ion Ratio Lower Upper
93 100
66 43.9 33.8 50.8
65 22.6 17.2 25.8





#7

Phenol-d6

Concen: 42.366 ng

RT: 6.557 min Scan# 742

Delta R.T. 0.000 min

Lab File: BF143419.D

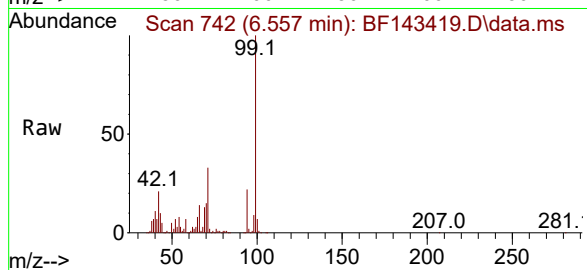
Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



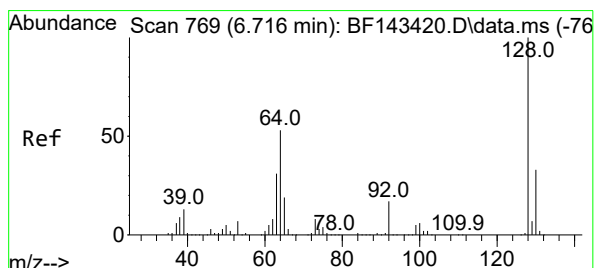
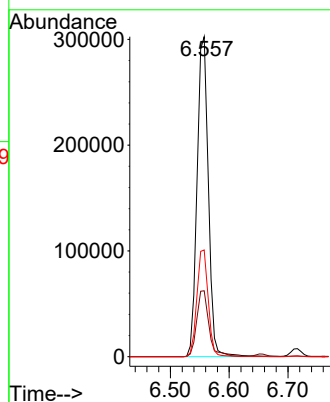
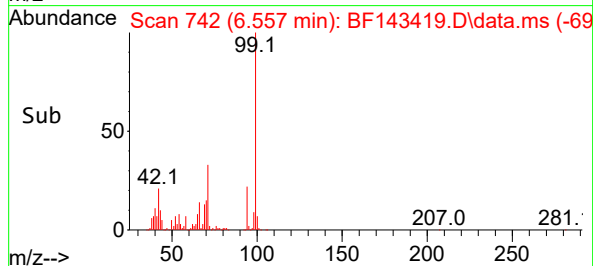
Tgt Ion:	99	Resp:	40378
Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.0	25.6
71	33.4	27.4	41.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#8

2-Chlorophenol

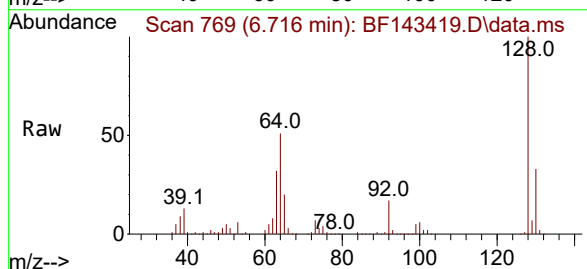
Concen: 21.221 ng

RT: 6.716 min Scan# 769

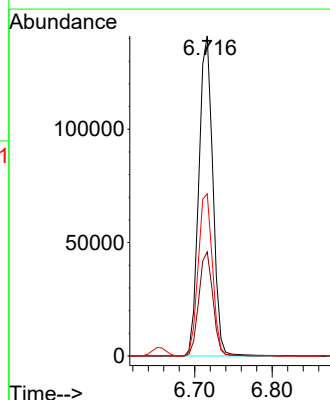
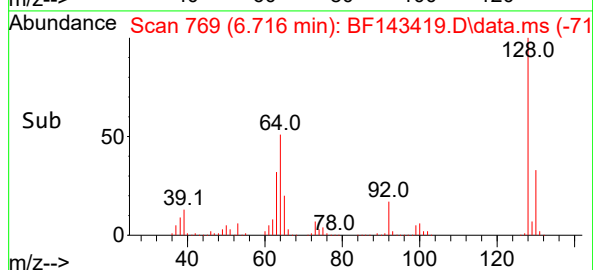
Delta R.T. 0.000 min

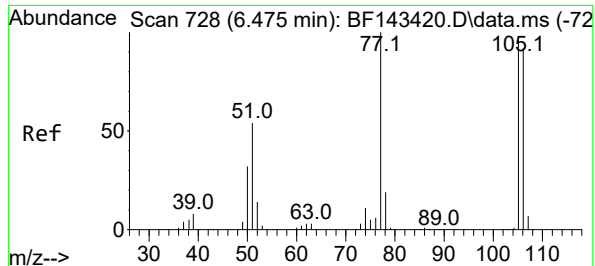
Lab File: BF143419.D

Acq: 15 Aug 2025 15:58



Tgt Ion:	128	Resp:	177182
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	50.6	33.1	73.1





#9

Benzaldehyde

Concen: 27.706 ng

RT: 6.475 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 14047

Ion Ratio Lower Upper

77 100

105 94.9 75.5 115.5

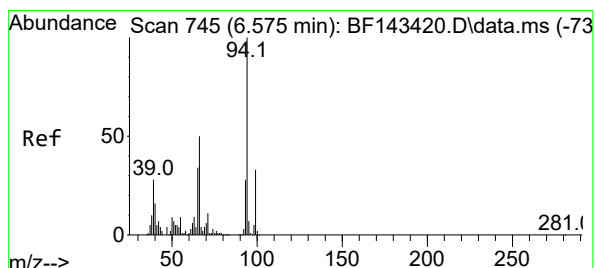
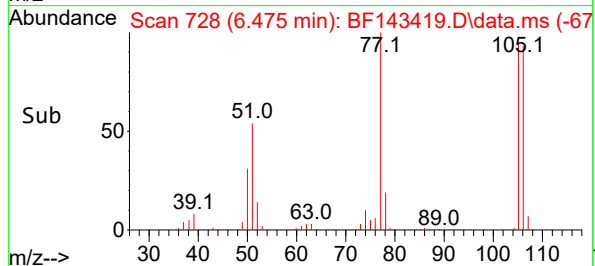
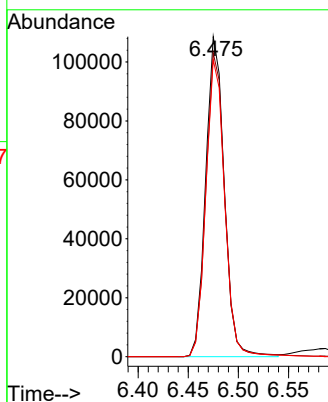
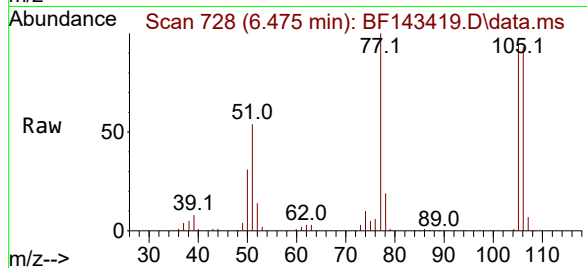
106 92.8 72.0 112.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#10

Phenol

Concen: 21.530 ng

RT: 6.569 min Scan# 744

Delta R.T. -0.006 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

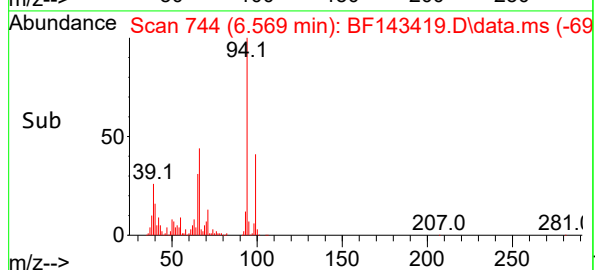
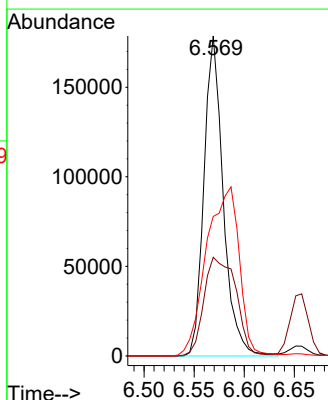
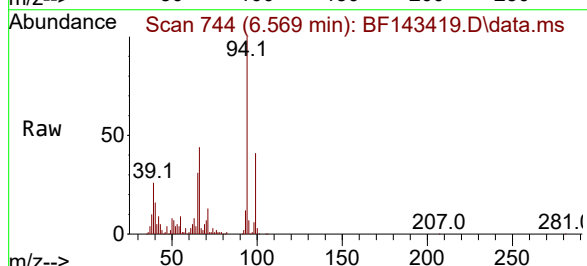
Tgt Ion: 94 Resp: 239446

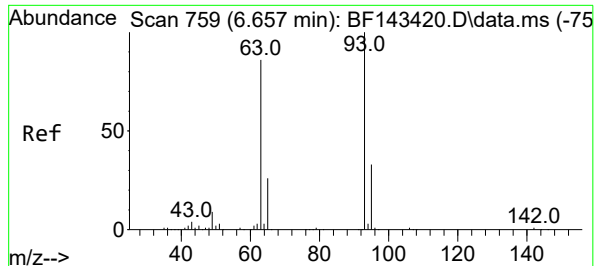
Ion Ratio Lower Upper

94 100

65 30.9 13.7 53.7

66 43.6 30.3 70.3





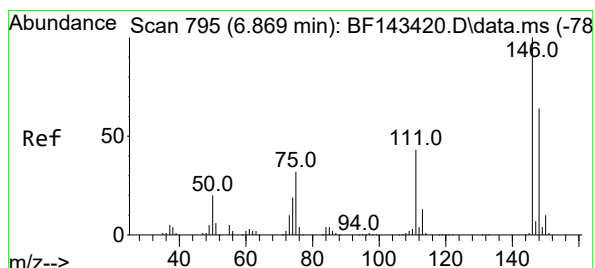
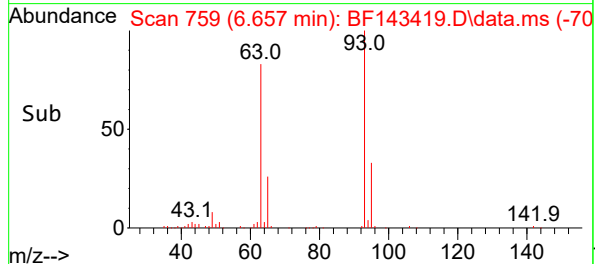
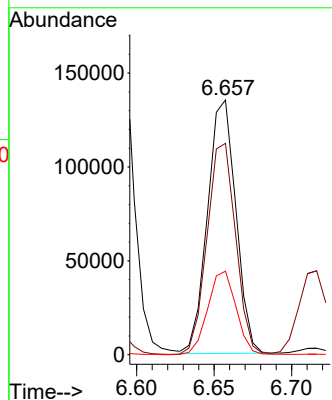
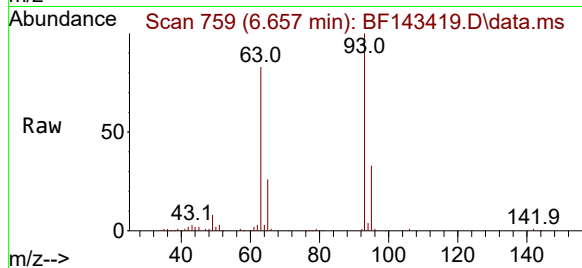
#11
bis(2-Chloroethyl)ether
Concen: 20.856 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 171939
Ion Ratio Lower Upper
93 100
63 83.0 65.4 105.4
95 32.8 12.8 52.8

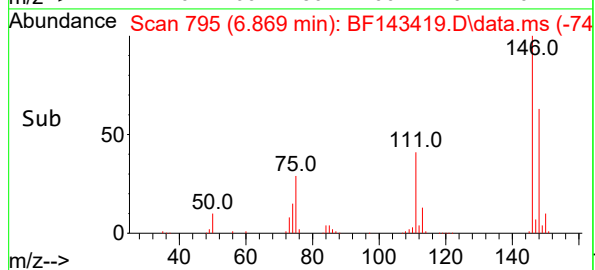
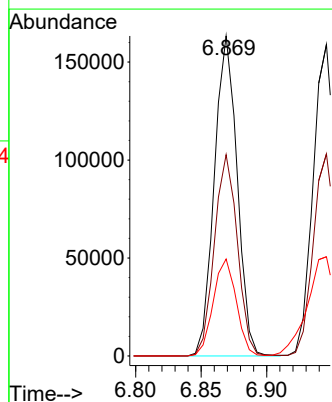
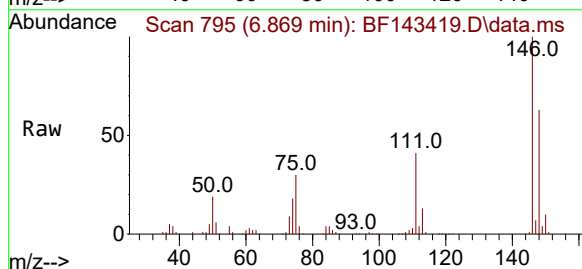
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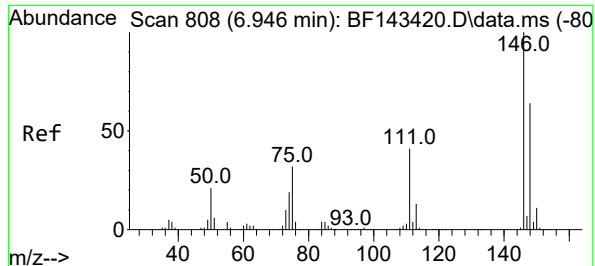
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#12
1,3-Dichlorobenzene
Concen: 21.118 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Tgt Ion:146 Resp: 197517
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.4
75 30.3 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 21.024 ng

RT: 6.946 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 196309

Ion Ratio Lower Upper

146 100

148 64.8 51.1 76.7

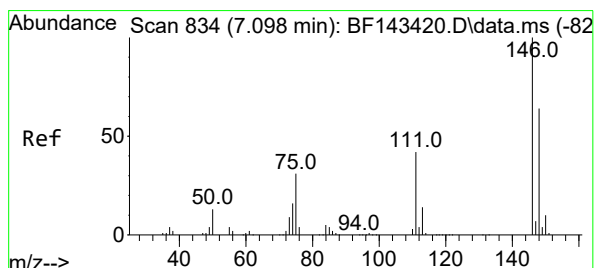
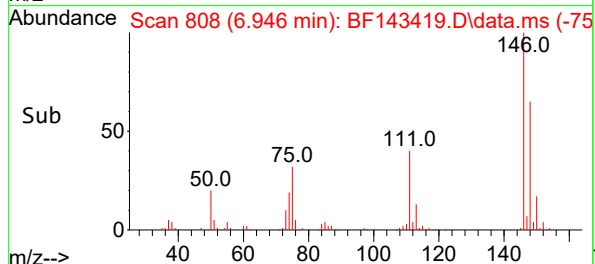
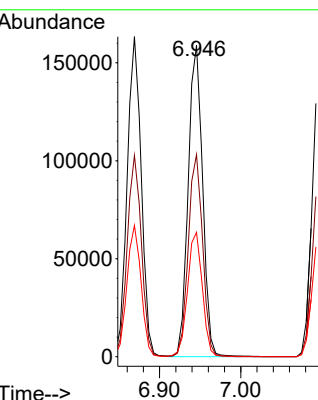
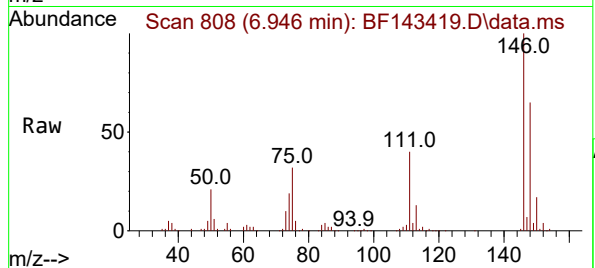
111 39.9 32.5 48.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#14

1,2-Dichlorobenzene

Concen: 21.088 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

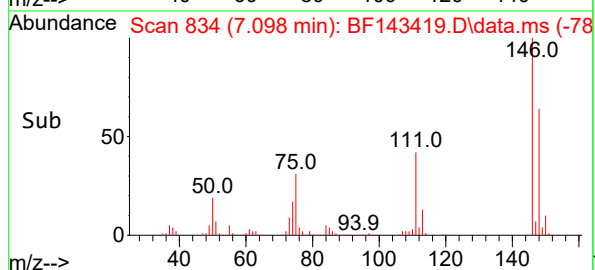
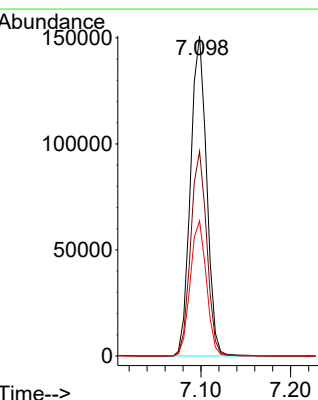
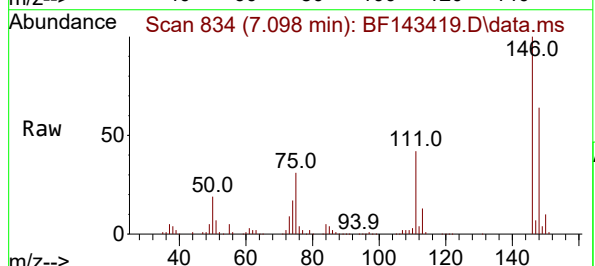
Tgt Ion:146 Resp: 188077

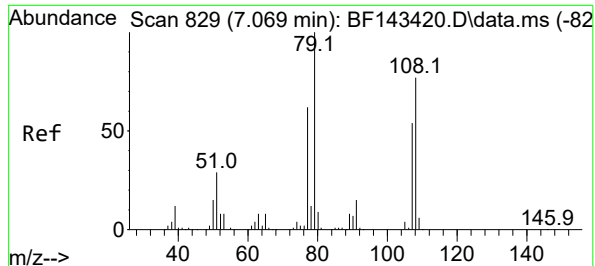
Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.0

111 42.2 33.9 50.9





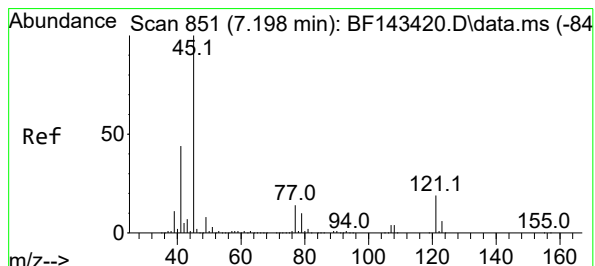
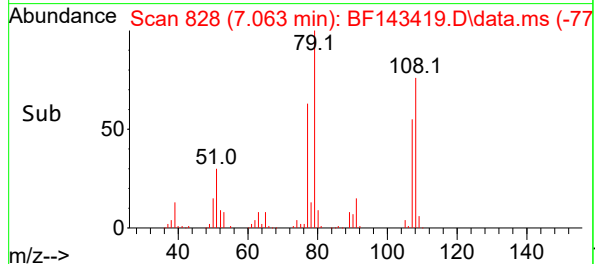
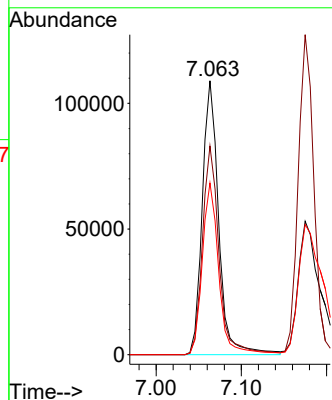
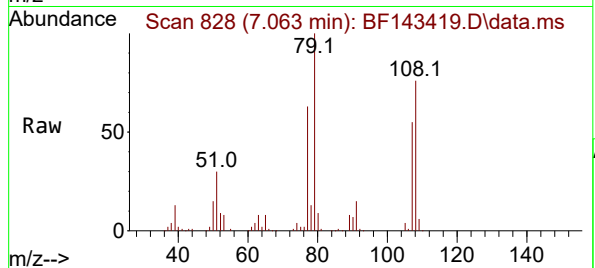
#15
Benzyl Alcohol
Concen: 20.755 ng
RT: 7.063 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 14588
Ion Ratio Lower Upper
79 100
108 76.2 61.9 92.9
77 62.7 49.2 73.8

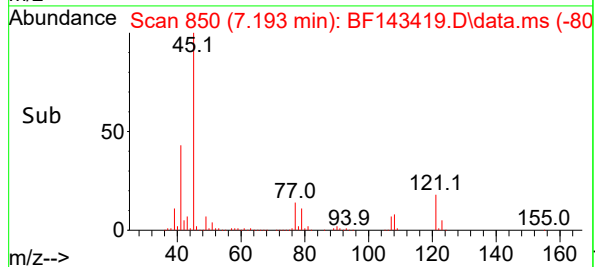
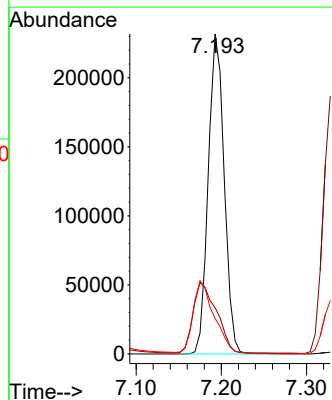
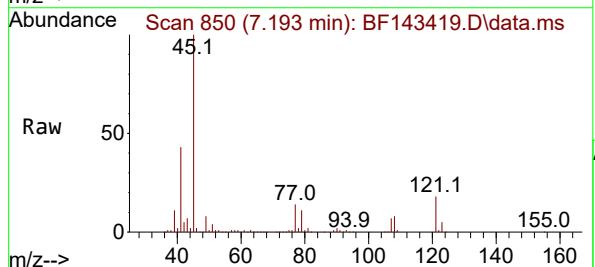
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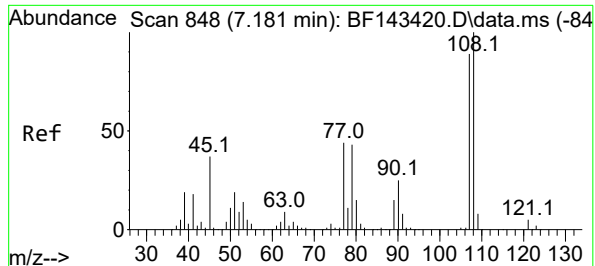
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#16
2,2'-oxybis(1-chloropropane)
Concen: 21.369 ng
RT: 7.193 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

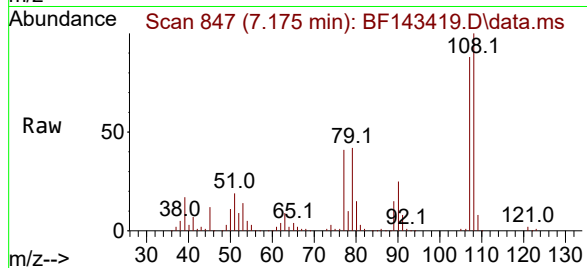
Tgt Ion: 45 Resp: 301172
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.9
79 11.1 0.0 30.7





#17
2-Methylphenol
Concen: 20.838 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

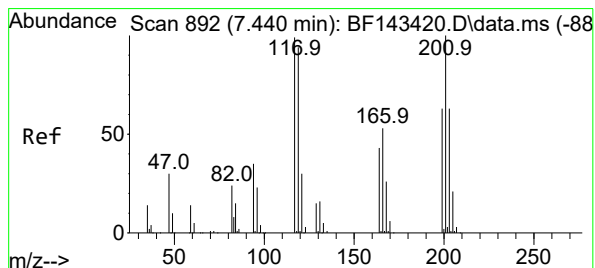
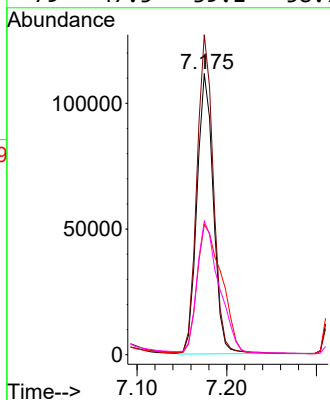
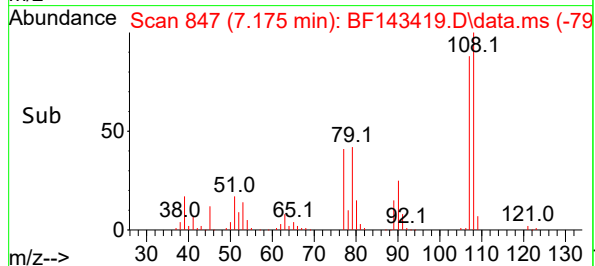
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:107 Resp: 14195
Ion Ratio Lower Upper
107 100
108 113.8 90.1 135.1
77 46.2 39.9 59.9
79 47.5 39.1 58.7

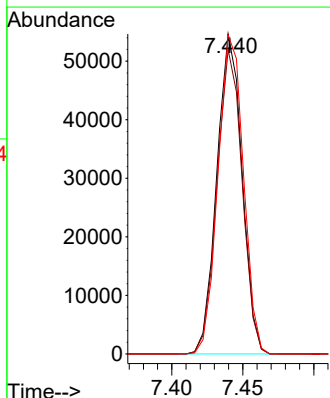
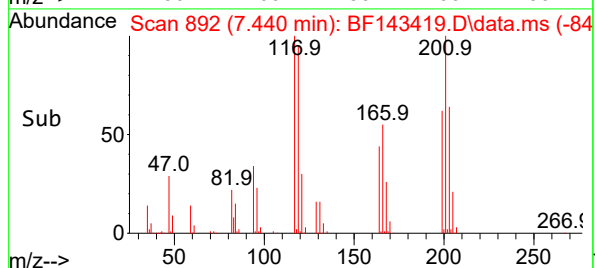
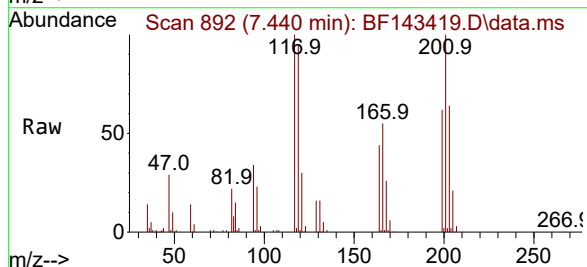
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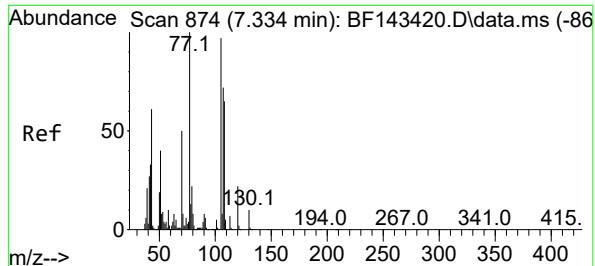
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#18
Hexachloroethane
Concen: 21.238 ng
RT: 7.440 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Tgt Ion:117 Resp: 67502
Ion Ratio Lower Upper
117 100
119 95.1 76.6 114.8
201 99.8 81.0 121.4





#19

n-Nitroso-di-n-propylamine

Concen: 20.987 ng

RT: 7.328 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF143419.D

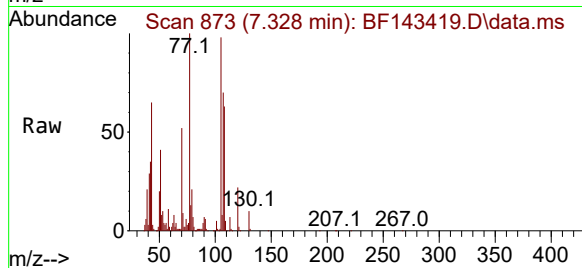
Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion: 70 Resp: 123829

Ion Ratio Lower Upper

70 100

42 66.9 52.5 78.7

101 9.5 7.9 11.9

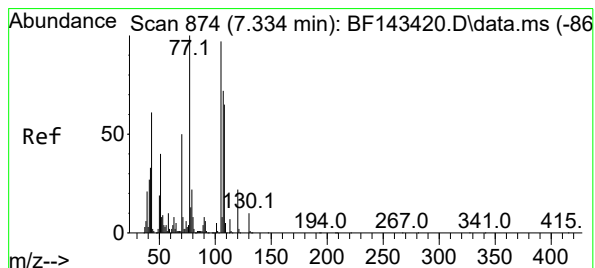
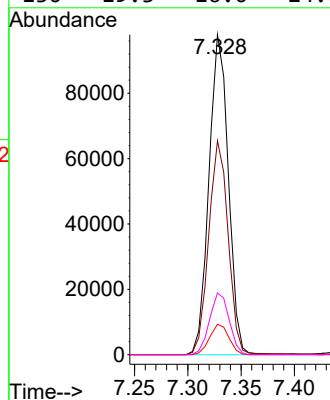
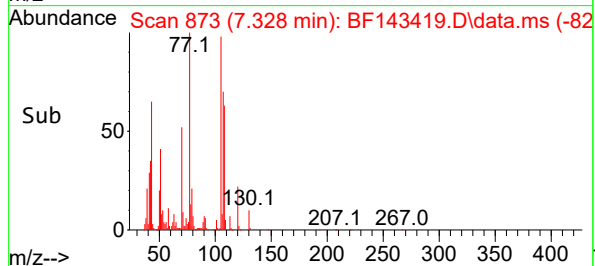
130 19.3 16.0 24.0

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Supervised By :Jagrut Upadhyay 08/18/2025



#20

3+4-Methylphenols

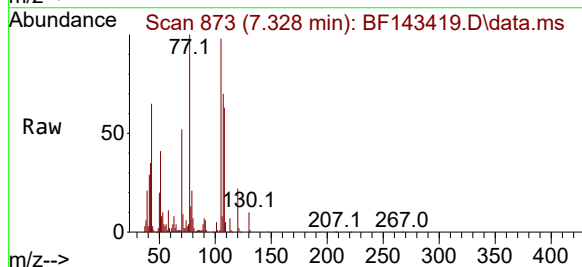
Concen: 22.454 ng

RT: 7.328 min Scan# 873

Delta R.T. -0.006 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58



Tgt Ion:107 Resp: 182897

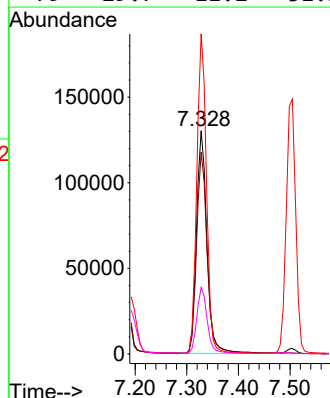
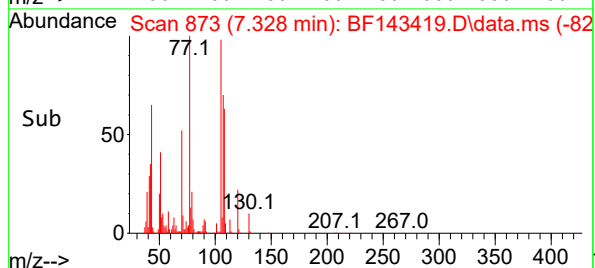
Ion Ratio Lower Upper

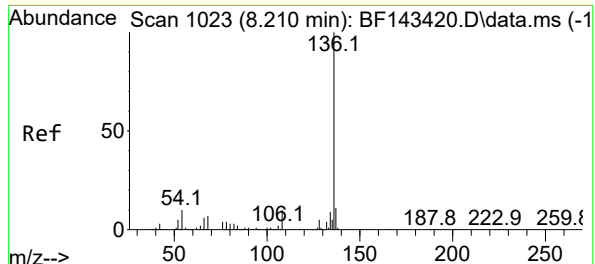
107 100

108 90.4 70.8 110.8

77 143.3 119.1 159.1

79 29.7 11.2 51.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF143419.D

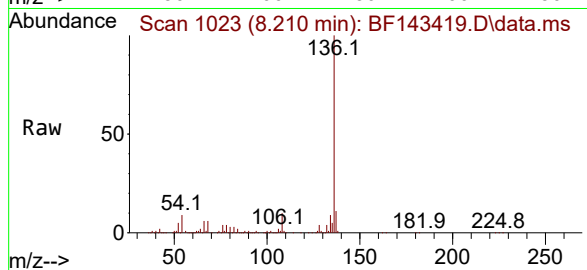
Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:136 Resp: 50895

Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.3 7.8 11.8

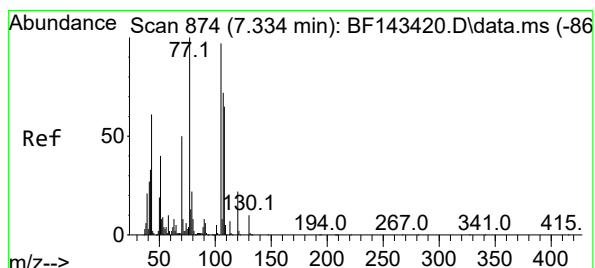
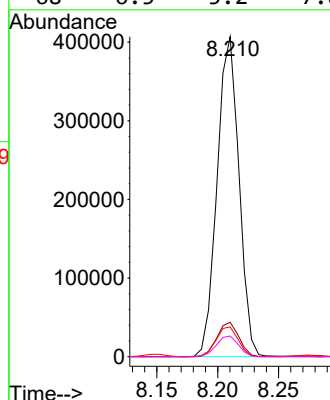
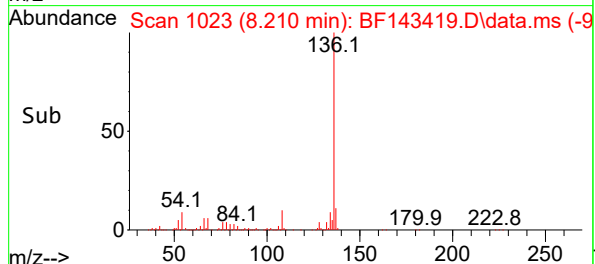
68 6.5 5.2 7.8

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#22

Acetophenone

Concen: 21.468 ng

RT: 7.328 min Scan# 873

Delta R.T. -0.006 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

Tgt Ion:105 Resp: 234922

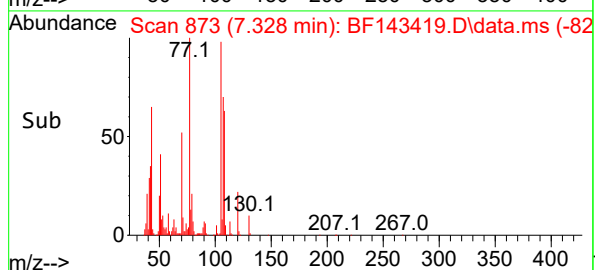
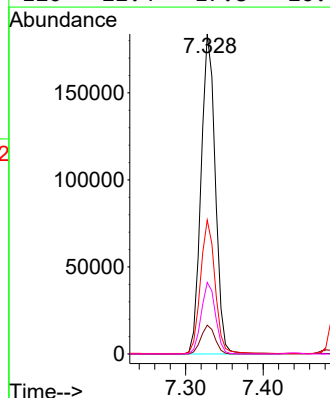
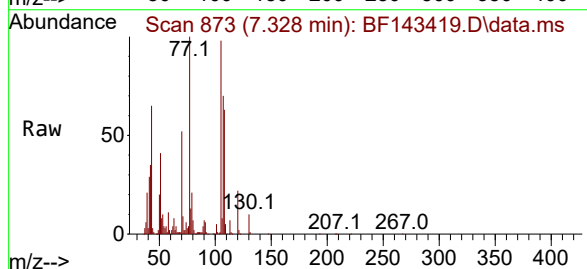
Ion Ratio Lower Upper

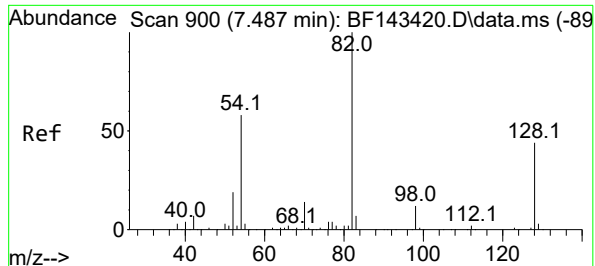
105 100

71 9.0 7.0 10.4

51 41.9 32.7 49.1

120 22.4 17.8 26.8





#23

Nitrobenzene-d5

Concen: 41.772 ng

RT: 7.481 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 35827

Ion Ratio Lower Upper

82 100

128 43.0 34.6 52.0

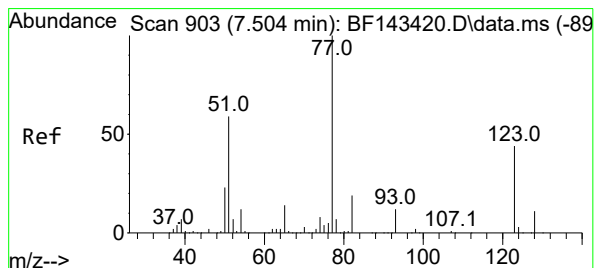
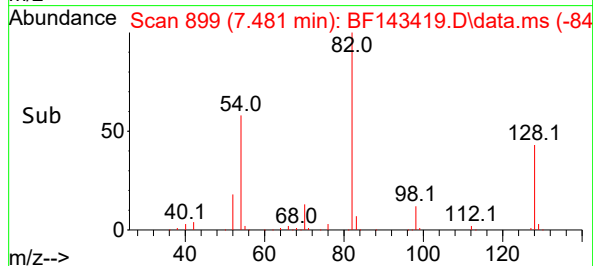
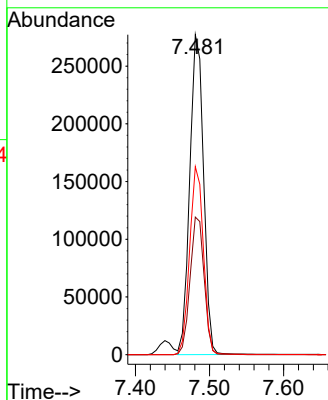
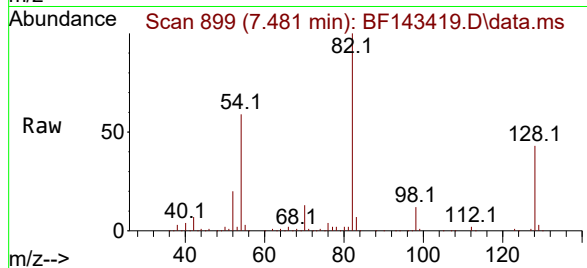
54 58.7 46.0 69.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#24

Nitrobenzene

Concen: 21.143 ng

RT: 7.504 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

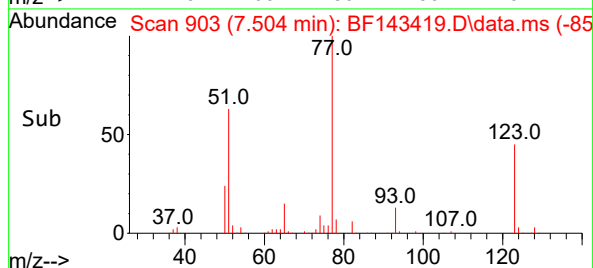
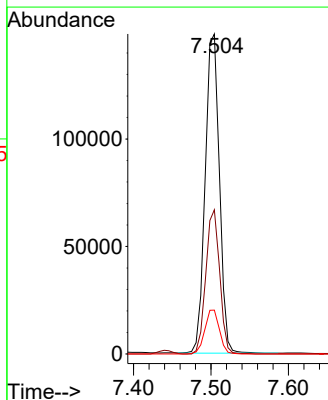
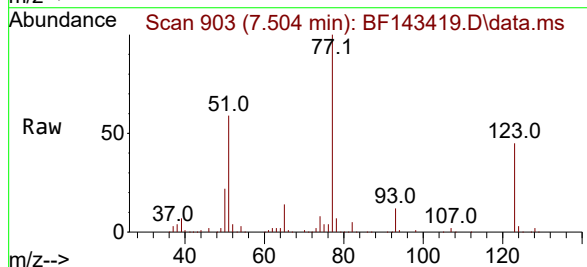
Tgt Ion: 77 Resp: 189535

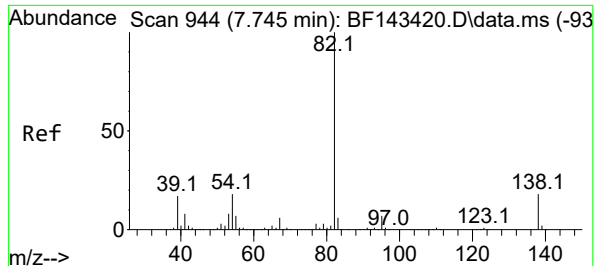
Ion Ratio Lower Upper

77 100

123 45.1 35.4 53.0

65 13.7 11.2 16.8





#25

Isophorone

Concen: 20.794 ng

RT: 7.740 min Scan# 944

Delta R.T. -0.006 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 341350

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

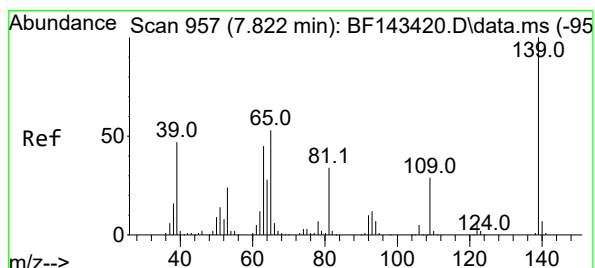
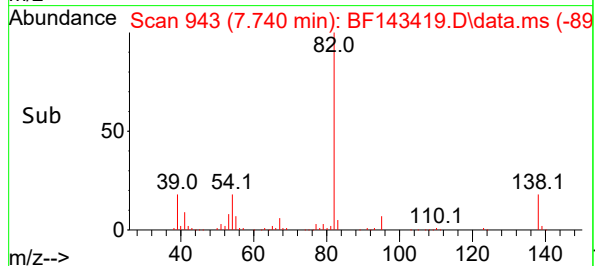
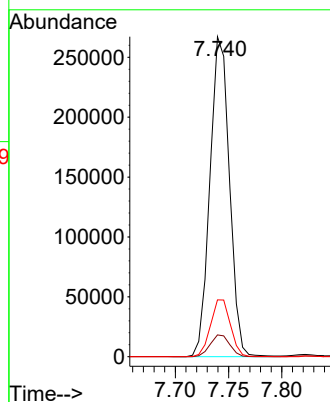
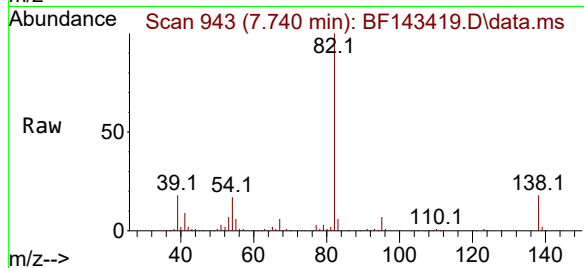
138 17.8 14.3 21.5

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#26

2-Nitrophenol

Concen: 20.862 ng

RT: 7.822 min Scan# 957

Delta R.T. -0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

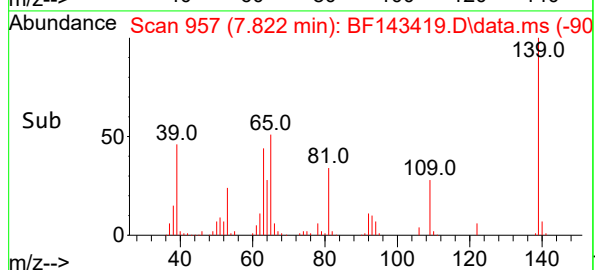
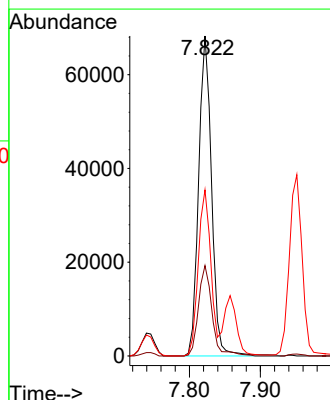
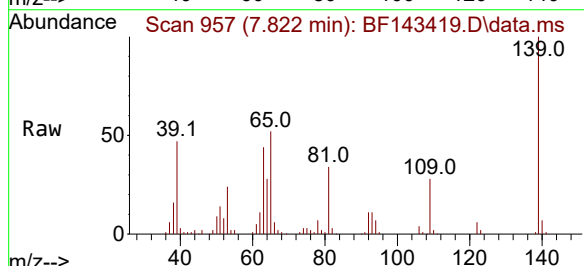
Tgt Ion:139 Resp: 86694

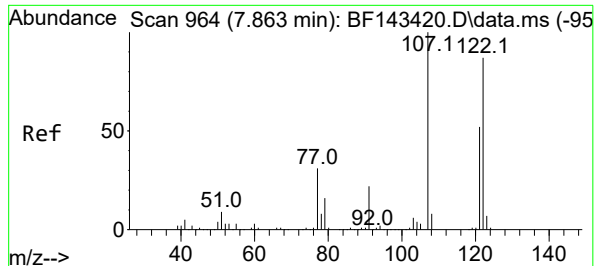
Ion Ratio Lower Upper

139 100

109 28.2 23.0 34.4

65 51.9 42.5 63.7





#27

2,4-Dimethylphenol

Concen: 21.796 ng

RT: 7.857 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

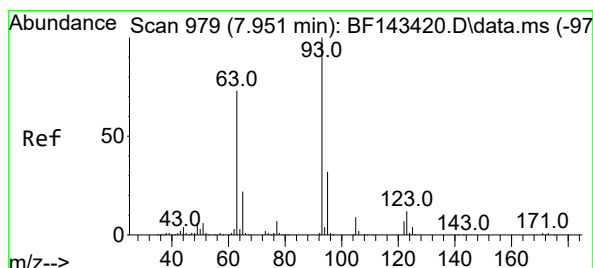
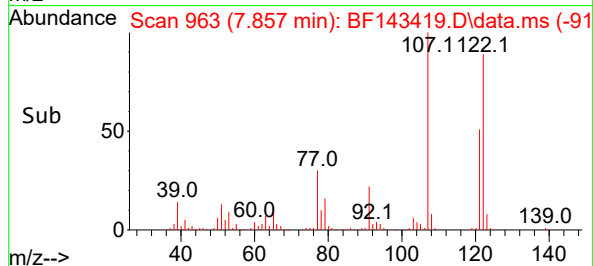
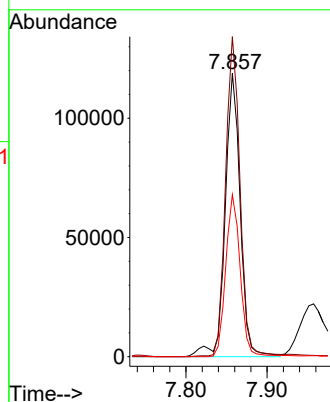
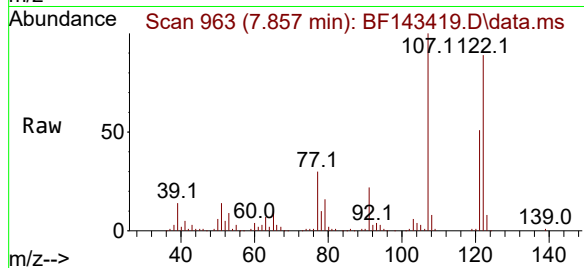
SSTDICC020

Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.9	90.4	135.6
121	57.2	46.7	70.1

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Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#28

bis(2-Chloroethoxy)methane

Concen: 20.840 ng

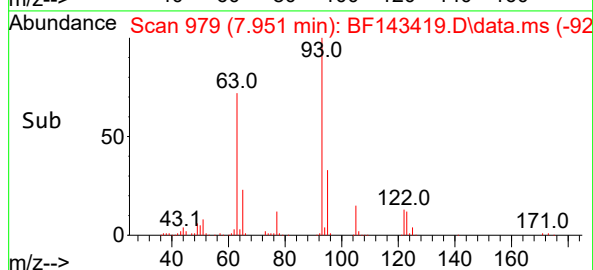
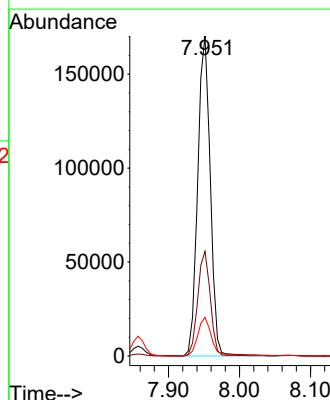
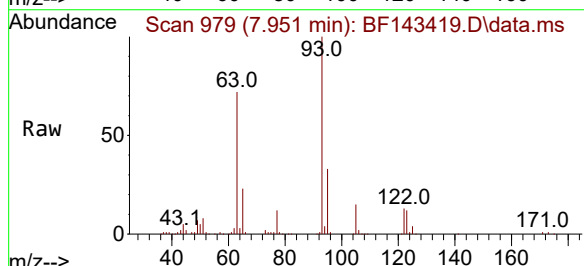
RT: 7.951 min Scan# 979

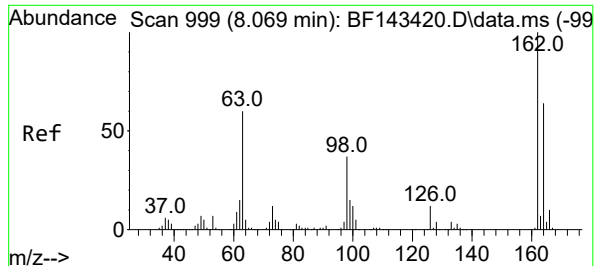
Delta R.T. -0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	12.1	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 21.374 ng

RT: 8.069 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF143419.D

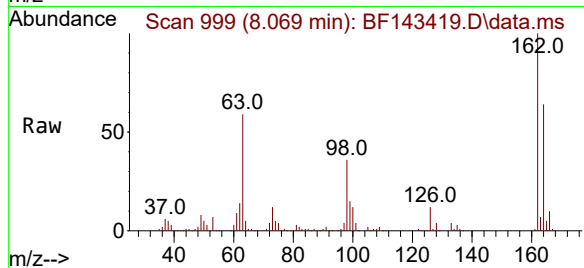
Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



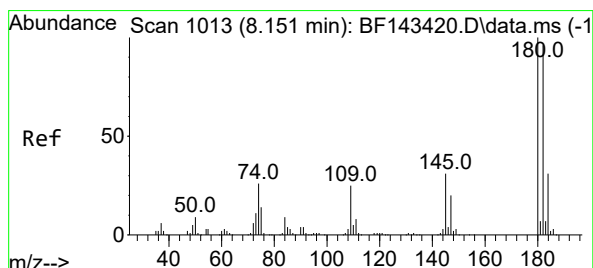
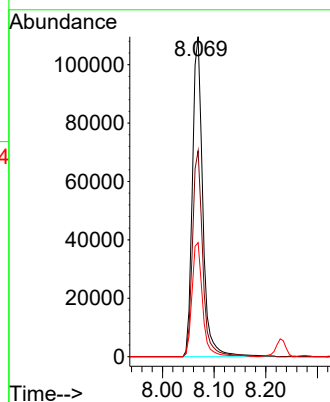
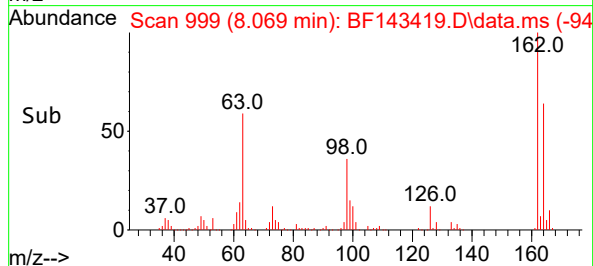
Tgt Ion:162	Resp:	153094
Ion	Ratio	Lower Upper
162	100	
164	64.4	44.3 84.3
98	35.7	16.9 56.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#30

1,2,4-Trichlorobenzene

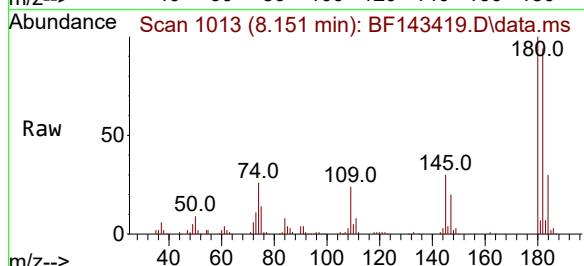
Concen: 21.058 ng

RT: 8.151 min Scan# 1013

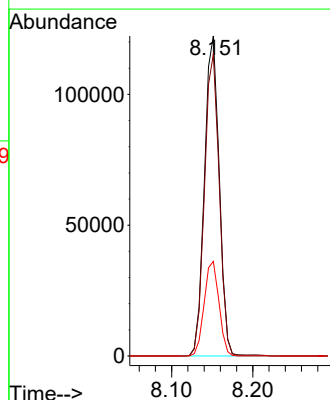
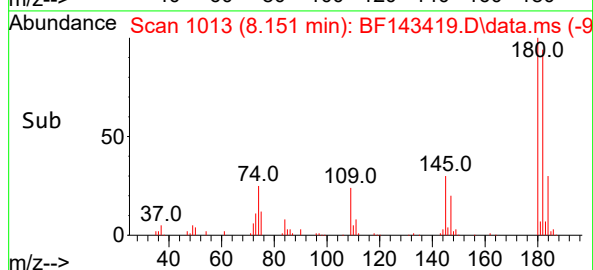
Delta R.T. 0.000 min

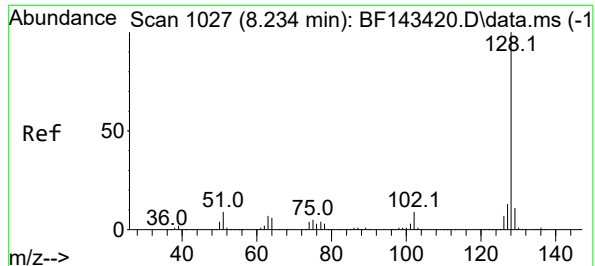
Lab File: BF143419.D

Acq: 15 Aug 2025 15:58



Tgt Ion:180	Resp:	154544
Ion	Ratio	Lower Upper
180	100	
182	94.2	76.7 115.1
145	29.5	24.5 36.7





#31

Naphthalene

Concen: 21.346 ng

RT: 8.228 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:128 Resp: 515775

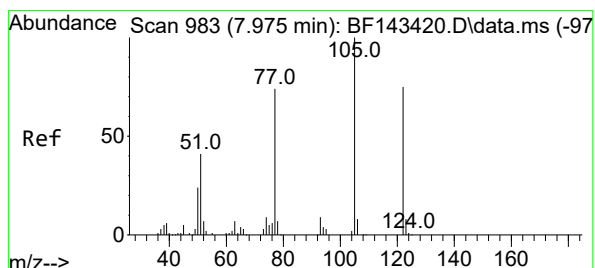
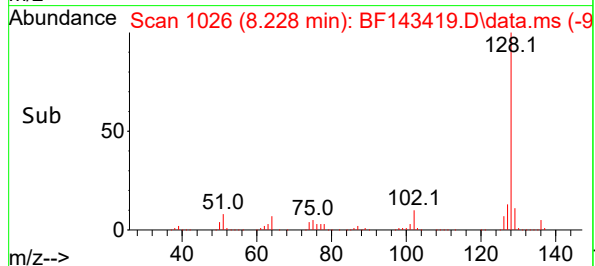
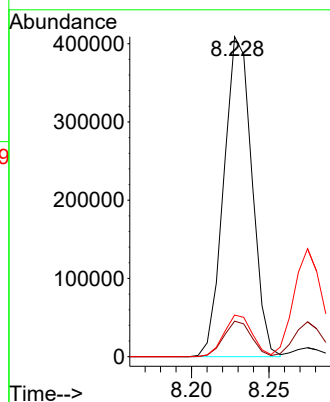
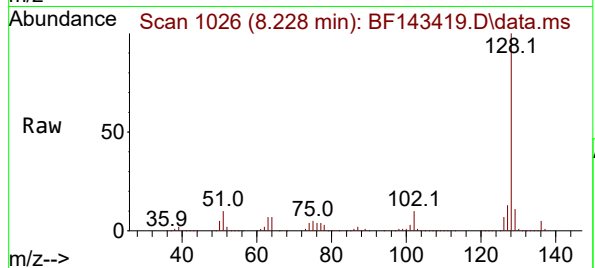
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.0	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#32

Benzoic acid

Concen: 19.776 ng m

RT: 7.957 min Scan# 980

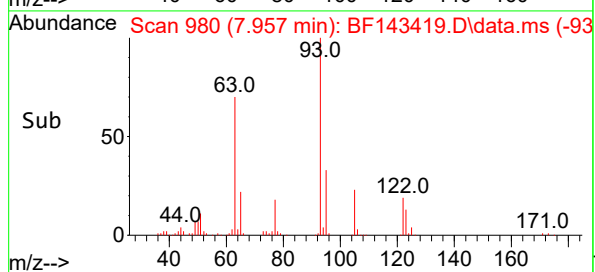
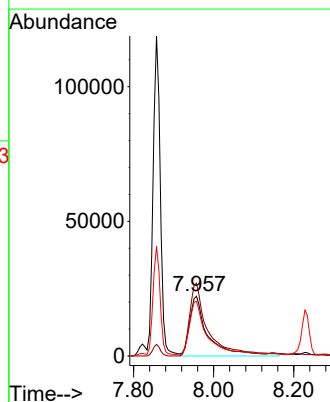
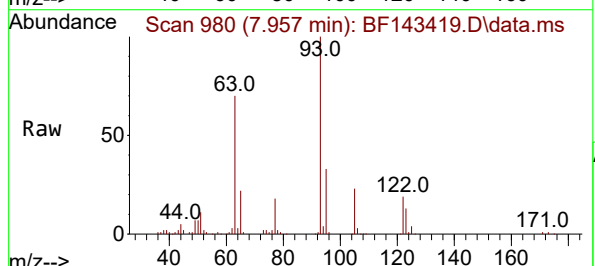
Delta R.T. -0.018 min

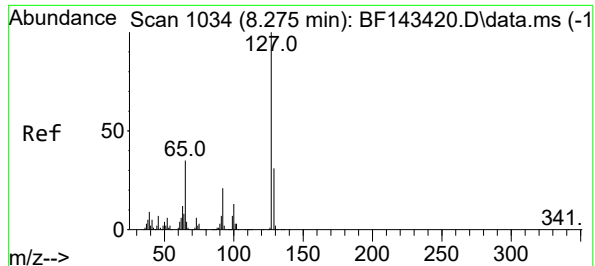
Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

Tgt Ion:122 Resp: 71922

Ion	Ratio	Lower	Upper
122	100		
105	121.7	108.4	148.4
77	91.3	75.9	115.9





#33

4-Chloroaniline

Concen: 21.143 ng

RT: 8.275 min Scan# 1034

Delta R.T. 0.000 min

Lab File: BF143419.D

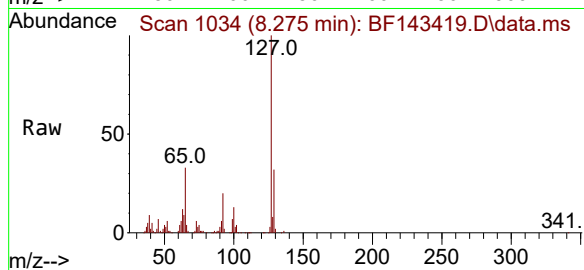
Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:127 Resp: 184400

Ion Ratio Lower Upper

127 100

129 32.2 25.8 38.8

65 33.1 27.2 40.8

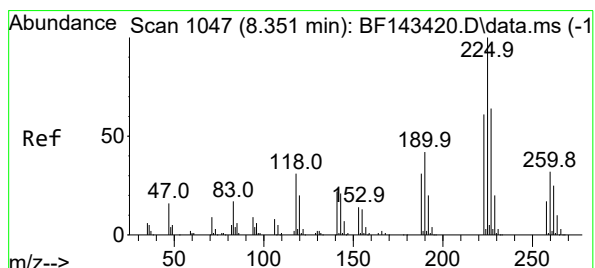
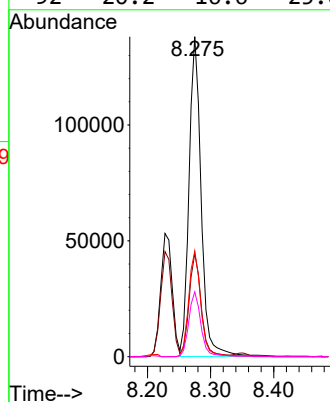
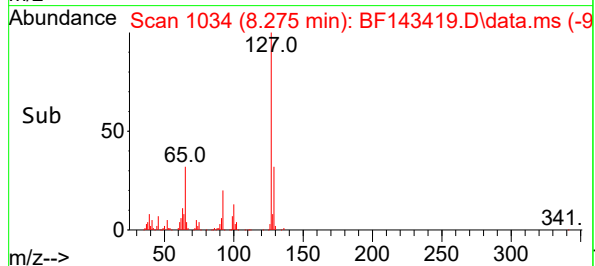
92 20.2 16.6 25.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#34

Hexachlorobutadiene

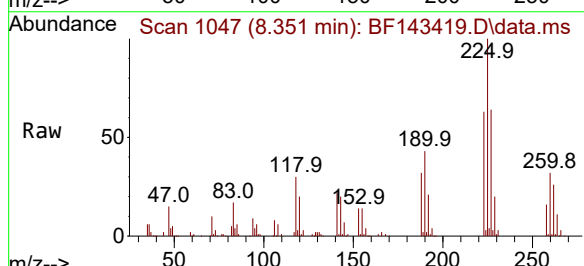
Concen: 20.903 ng

RT: 8.351 min Scan# 1047

Delta R.T. 0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58



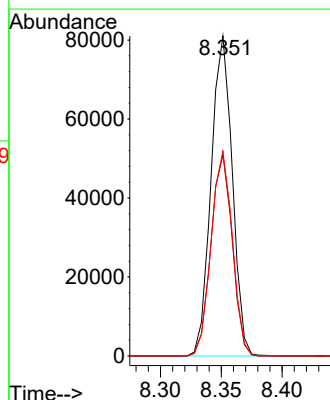
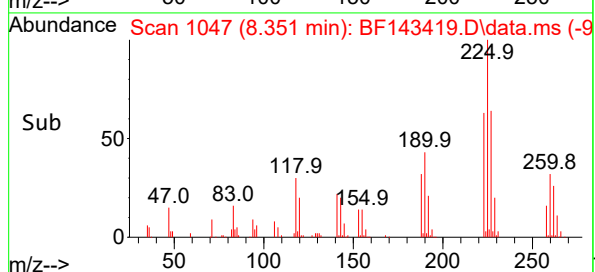
Tgt Ion:225 Resp: 97824

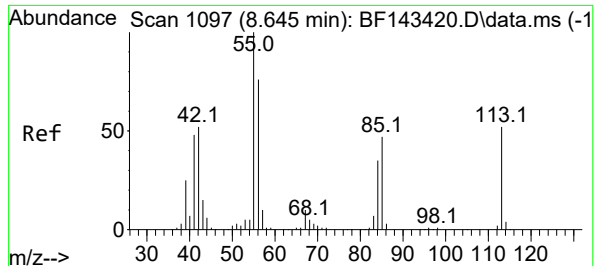
Ion Ratio Lower Upper

225 100

223 62.8 49.0 73.6

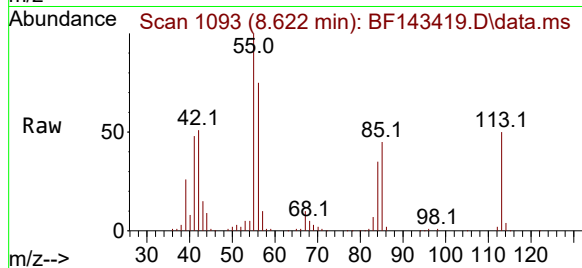
227 64.0 51.1 76.7





#35
Caprolactam
Concen: 20.770 ng
RT: 8.622 min Scan# 1093
Delta R.T. -0.024 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

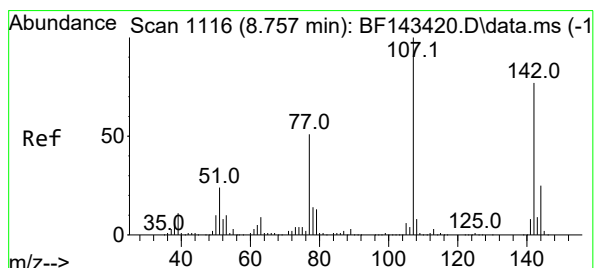
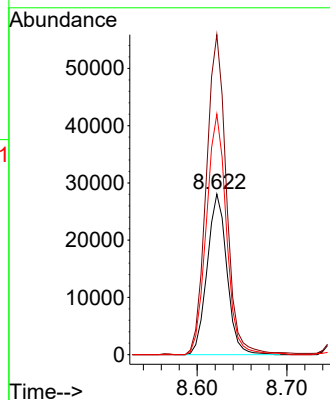
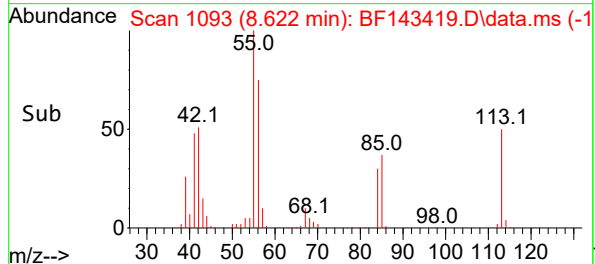
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:113 Resp: 4283
Ion Ratio Lower Upper
113 100
55 199.3 174.7 214.7
56 149.7 127.0 167.0

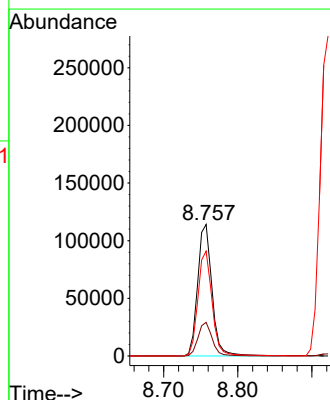
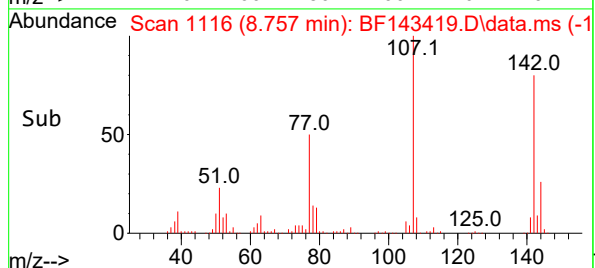
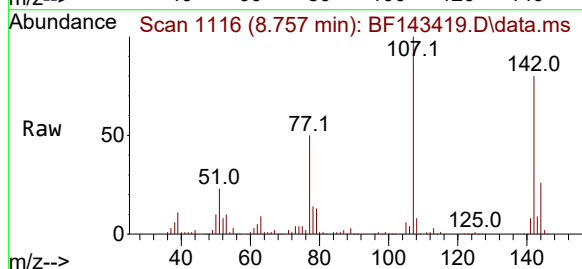
Manual Integrations
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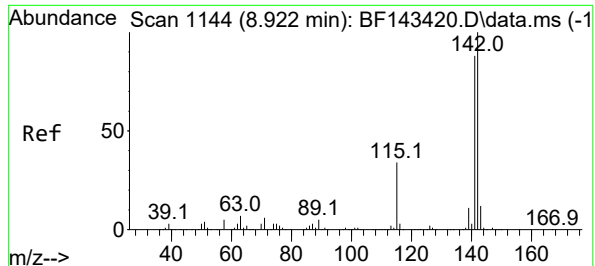
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#36
4-Chloro-3-methylphenol
Concen: 20.795 ng
RT: 8.757 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

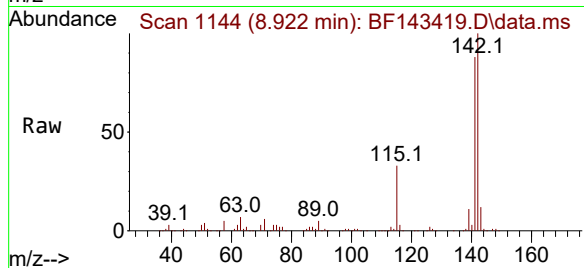
Tgt Ion:107 Resp: 153403
Ion Ratio Lower Upper
107 100
144 25.5 20.2 30.2
142 79.7 62.0 93.0





#37
2-Methylnaphthalene
Concen: 21.475 ng
RT: 8.922 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

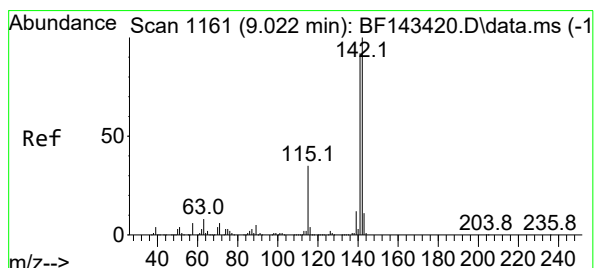
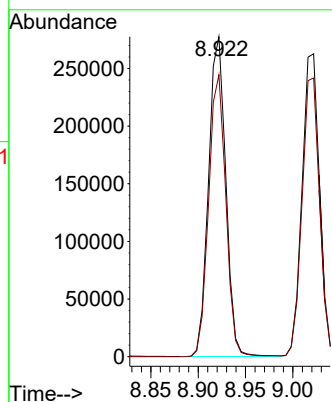
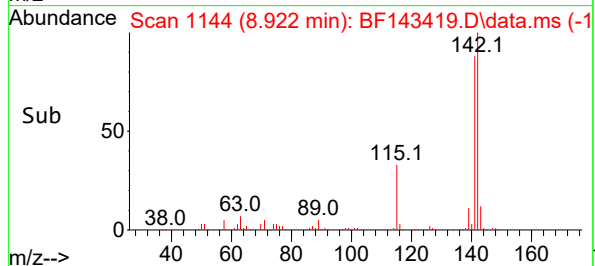
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:142 Resp: 349760
Ion Ratio Lower Upper
142 100
141 88.1 70.3 105.5

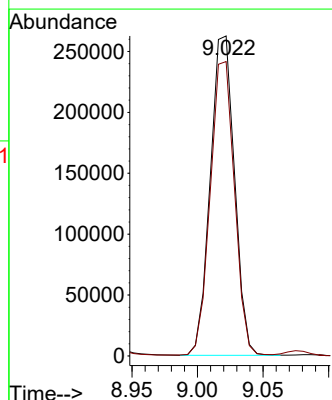
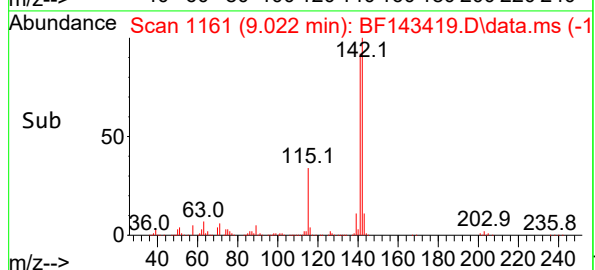
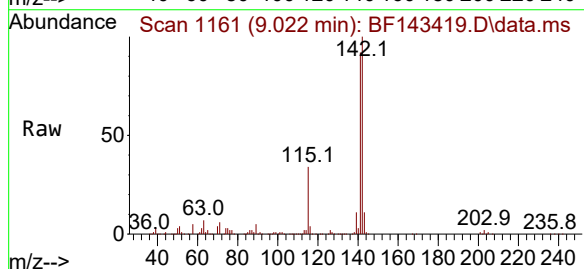
Manual Integrations
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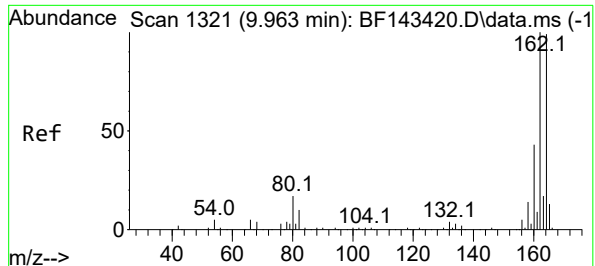
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#38
1-Methylnaphthalene
Concen: 21.600 ng
RT: 9.022 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Tgt Ion:142 Resp: 337056
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF143419.D

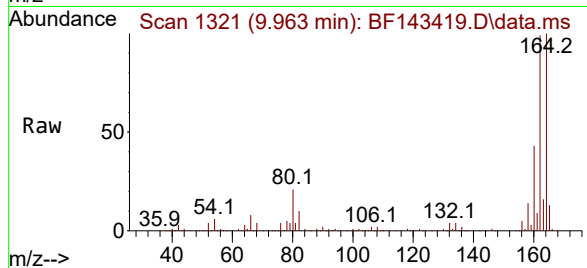
Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:164 Resp: 28175

Ion Ratio Lower Upper

164 100

162 99.2 80.6 121.0

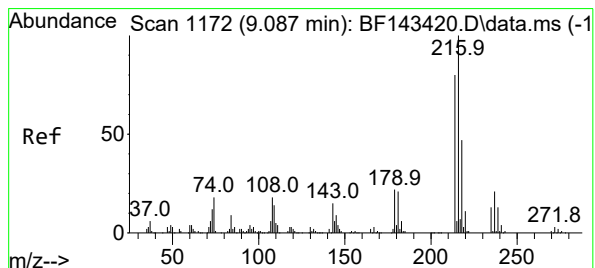
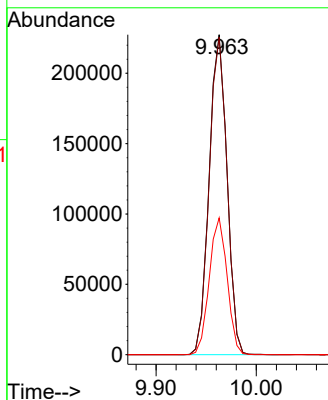
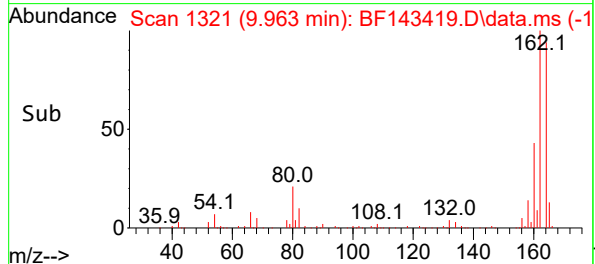
160 42.8 34.6 51.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#40

1,2,4,5-Tetrachlorobenzene

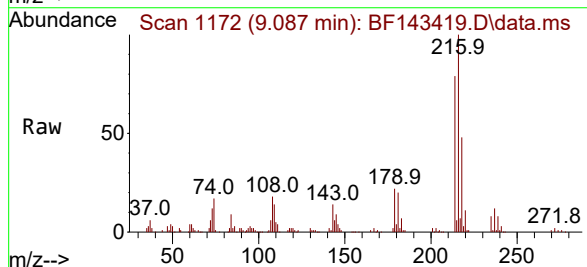
Concen: 20.965 ng

RT: 9.087 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58



Tgt Ion:216 Resp: 164739

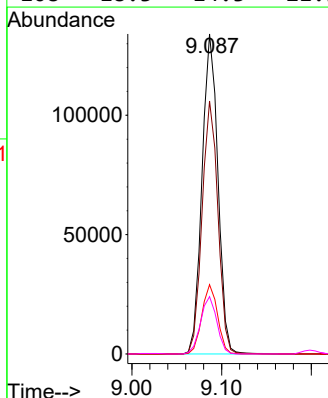
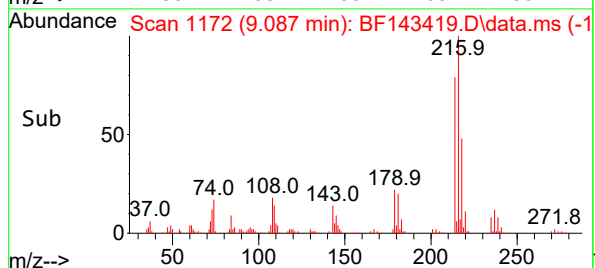
Ion Ratio Lower Upper

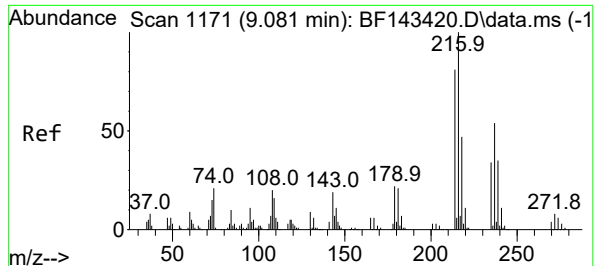
216 100

214 78.9 63.7 95.5

179 21.4 17.0 25.4

108 18.3 14.3 21.5





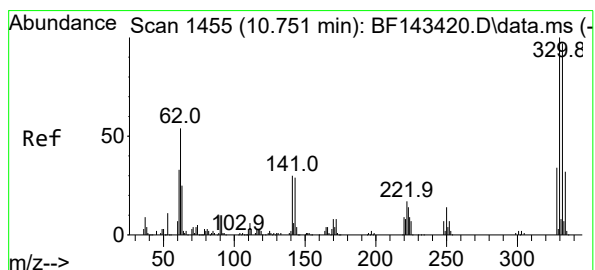
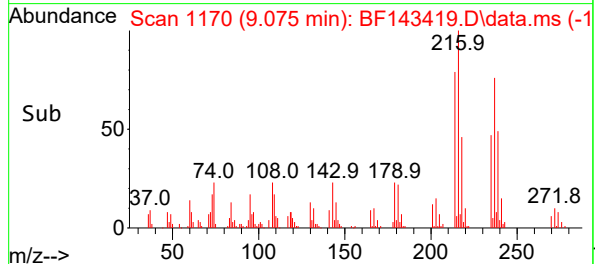
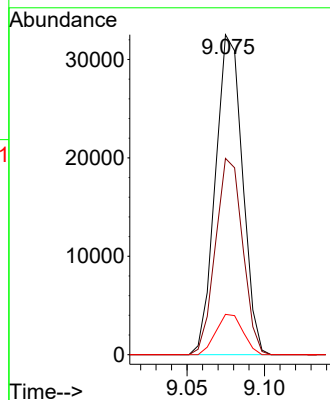
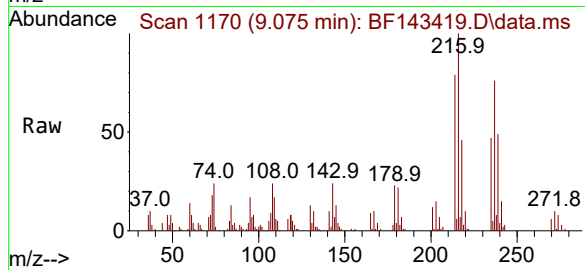
#41
Hexachlorocyclopentadiene
Concen: 19.242 ng
RT: 9.075 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 39498
Ion Ratio Lower Upper
237 100
235 61.4 41.6 81.6
272 12.6 0.0 33.8

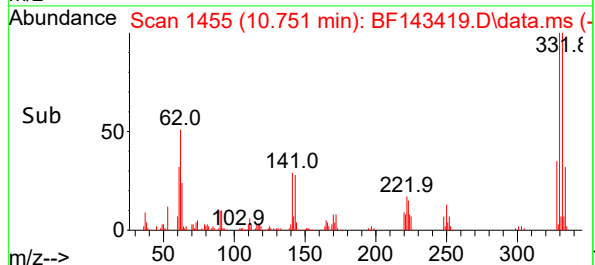
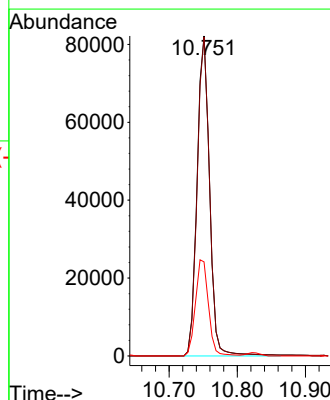
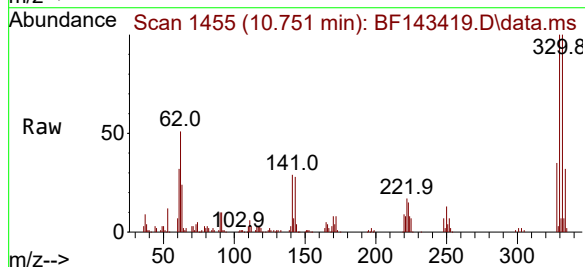
Manual Integrations
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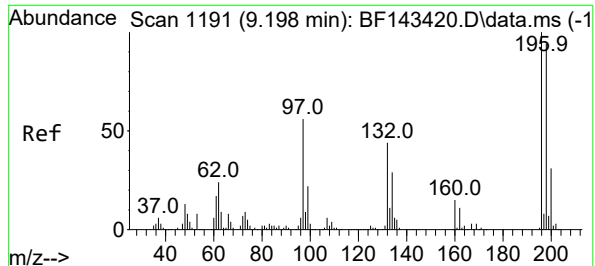
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#42
2,4,6-Tribromophenol
Concen: 41.705 ng
RT: 10.751 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Tgt Ion:330 Resp: 104587
Ion Ratio Lower Upper
330 100
332 99.1 77.4 116.2
141 31.3 24.1 36.1





#43

2,4,6-Trichlorophenol

Concen: 20.860 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF143419.D

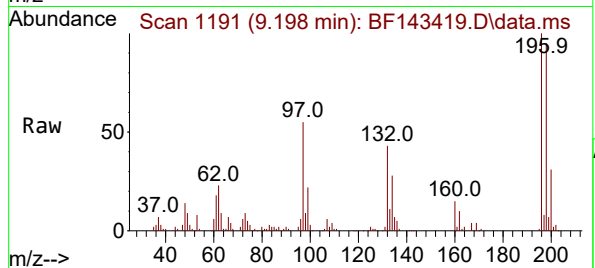
Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:196 Resp: 102250

Ion Ratio Lower Upper

196 100

198 95.4 75.4 113.2

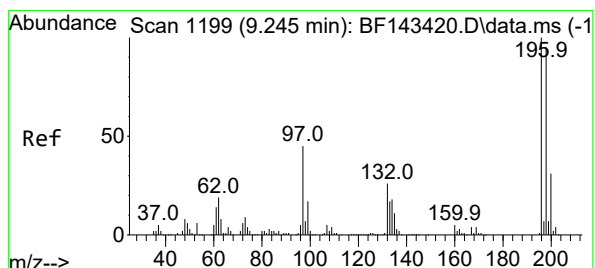
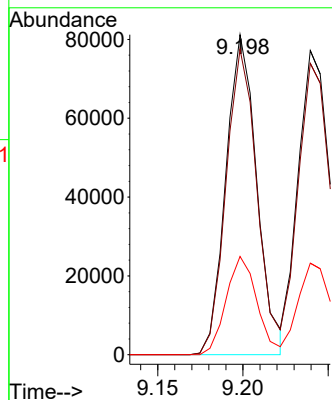
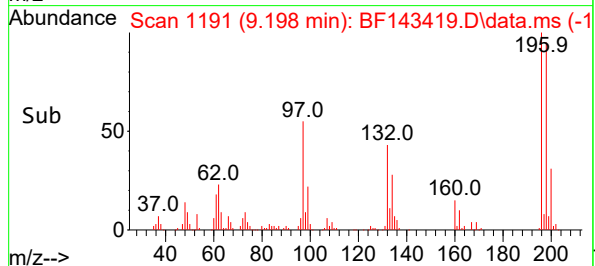
200 30.7 24.7 37.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#44

2,4,5-Trichlorophenol

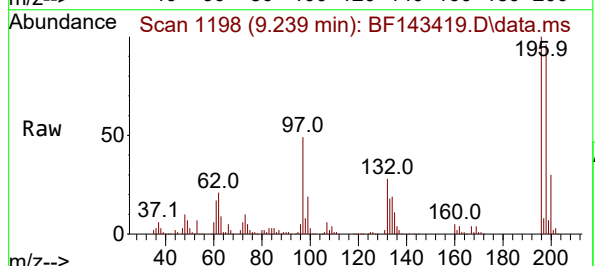
Concen: 21.177 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58



Tgt Ion:196 Resp: 111266

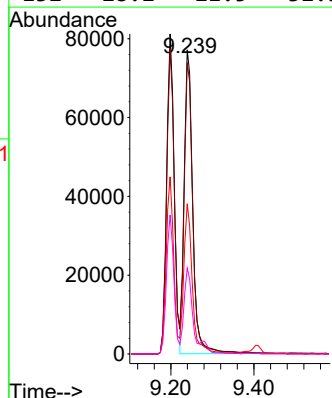
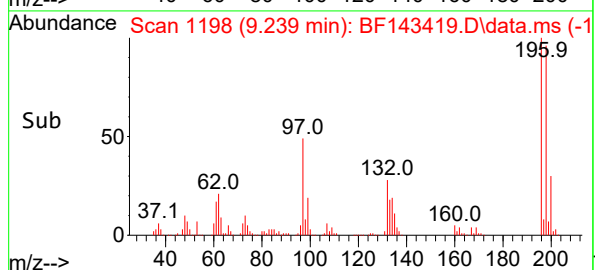
Ion Ratio Lower Upper

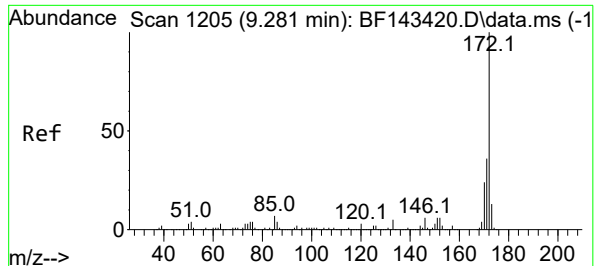
196 100

198 95.8 76.2 114.4

97 49.4 36.6 55.0

132 28.2 21.5 32.3





#45

2-Fluorobiphenyl

Concen: 43.433 ng

RT: 9.281 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:172 Resp: 72754

Ion Ratio Lower Upper

172 100

171 34.9 28.7 43.1

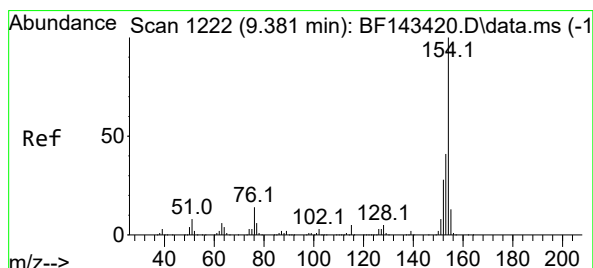
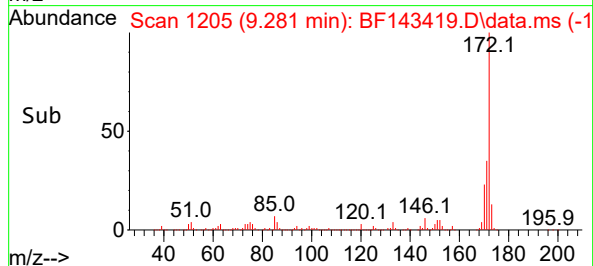
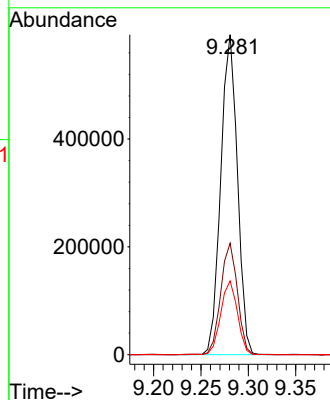
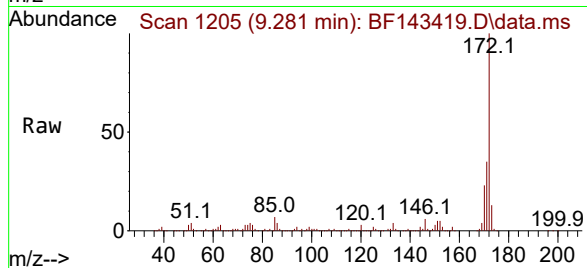
170 23.1 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#46

1,1'-Biphenyl

Concen: 21.382 ng

RT: 9.381 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

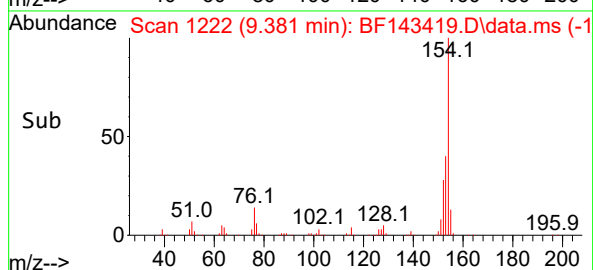
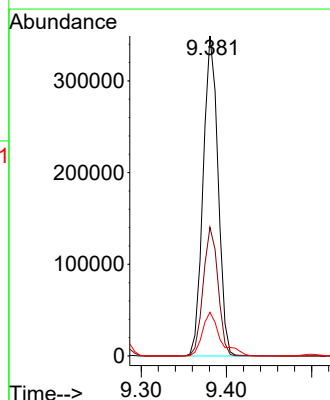
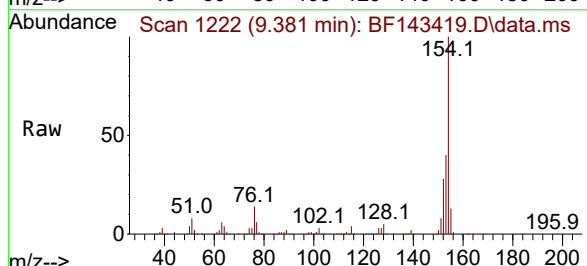
Tgt Ion:154 Resp: 423276

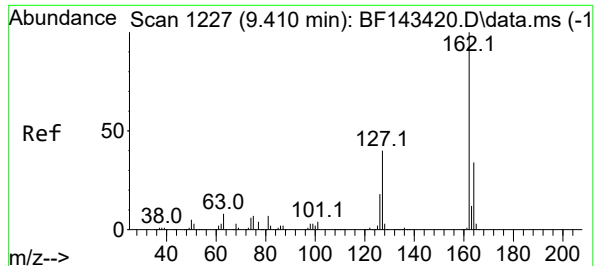
Ion Ratio Lower Upper

154 100

153 40.2 20.6 60.6

76 13.7 0.0 33.8





#47

2-Chloronaphthalene

Concen: 21.249 ng

RT: 9.410 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 33205

Ion Ratio Lower Upper

162 100

127 38.9 32.3 48.5

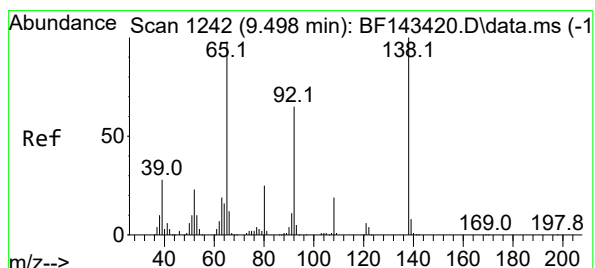
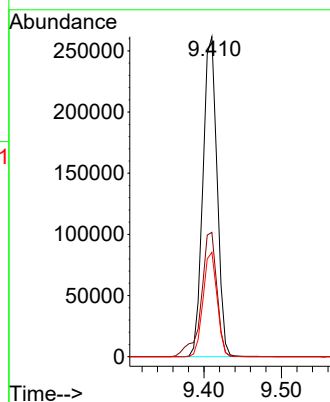
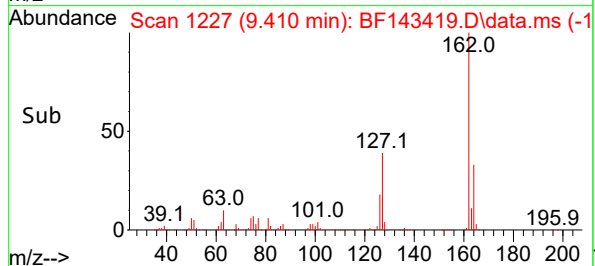
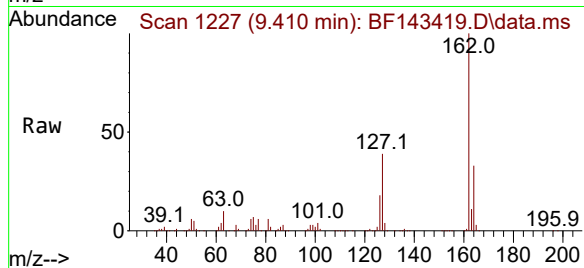
164 32.6 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#48

2-Nitroaniline

Concen: 20.759 ng

RT: 9.498 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

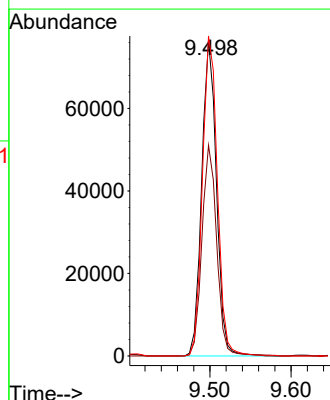
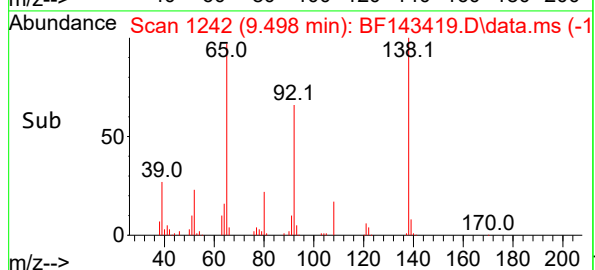
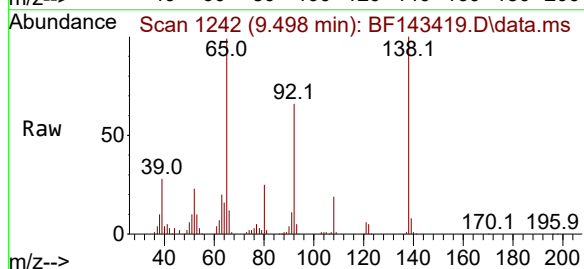
Tgt Ion: 65 Resp: 96534

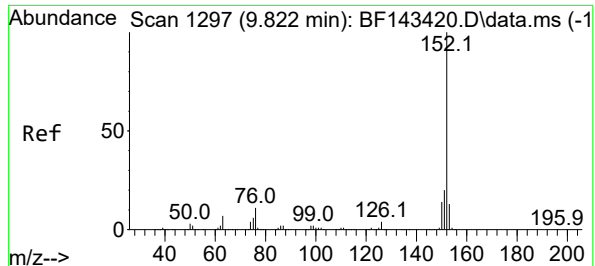
Ion Ratio Lower Upper

65 100

92 66.8 52.9 79.3

138 101.3 81.3 121.9





#49

Acenaphthylene

Concen: 21.288 ng

RT: 9.822 min Scan# 1297

Delta R.T. -0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:152 Resp: 48029

Ion Ratio Lower Upper

152 100

151 19.7 16.0 24.0

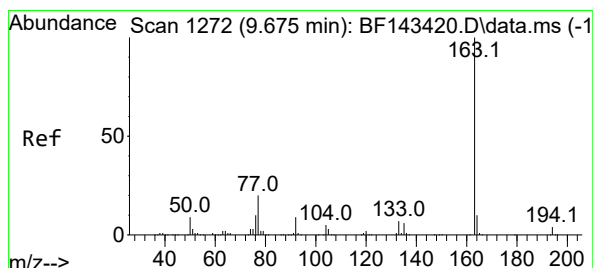
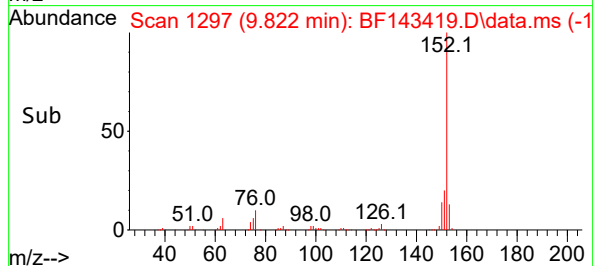
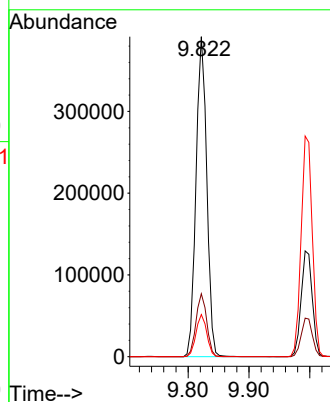
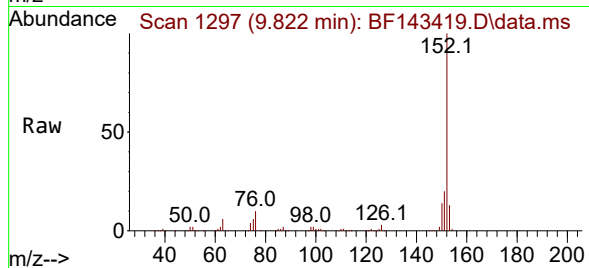
153 13.2 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#50

Dimethylphthalate

Concen: 20.928 ng

RT: 9.675 min Scan# 1272

Delta R.T. 0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

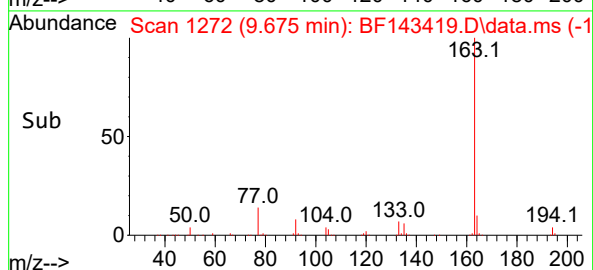
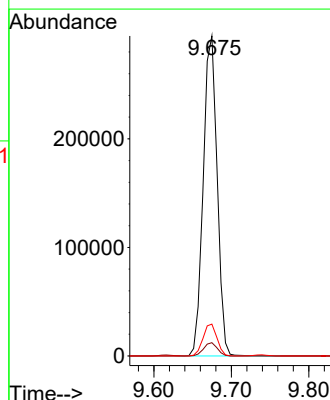
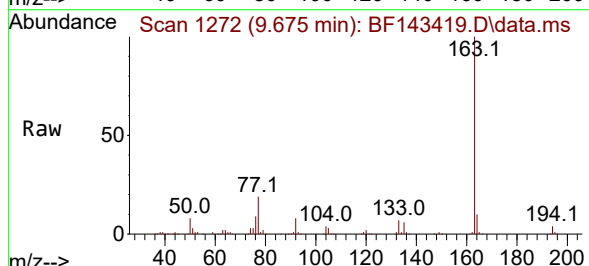
Tgt Ion:163 Resp: 367621

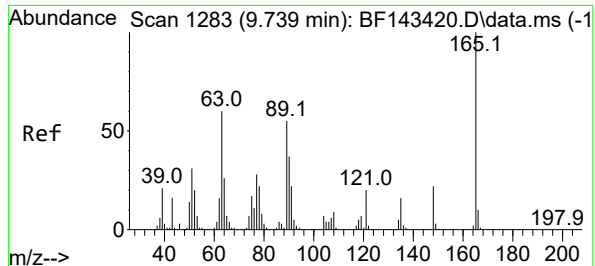
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

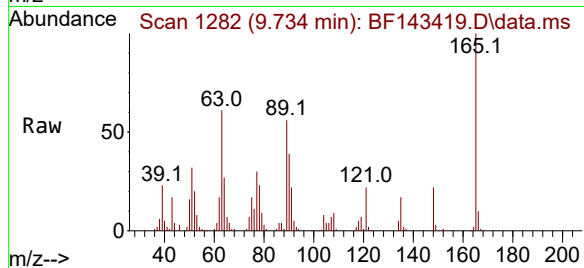
164 9.9 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 21.003 ng
RT: 9.734 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

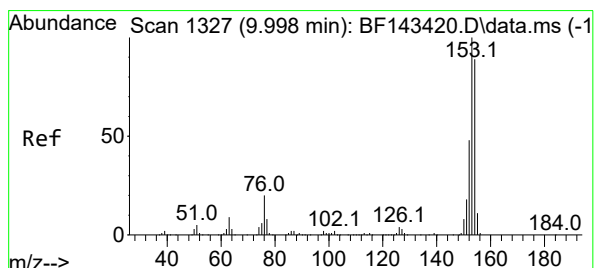
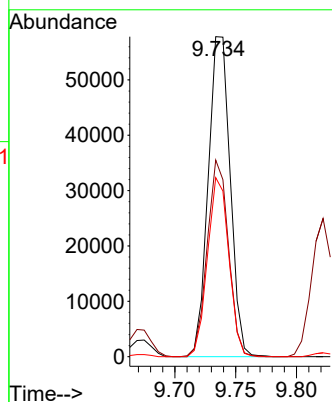
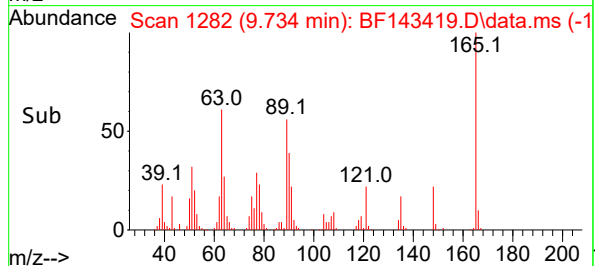
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 72730
Ion Ratio Lower Upper
165 100
63 61.5 48.2 72.2
89 56.0 44.2 66.2

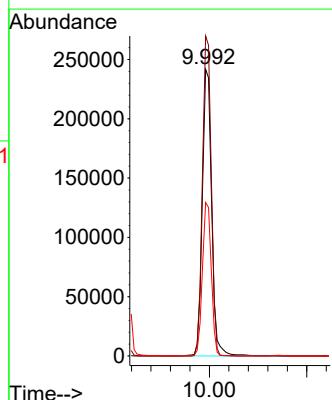
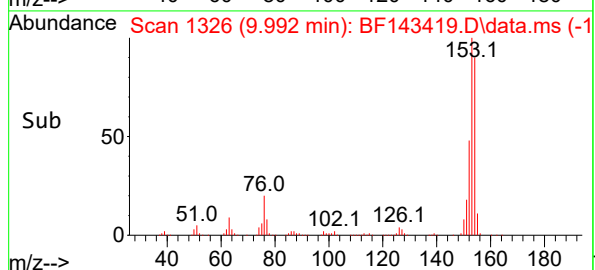
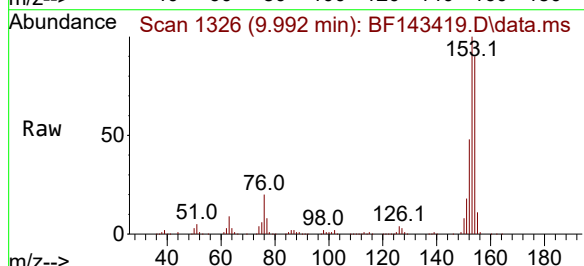
Manual Integrations
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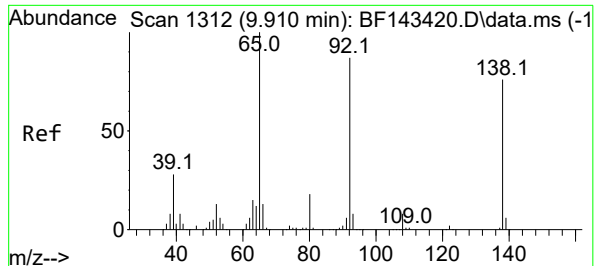
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#52
Acenaphthene
Concen: 21.221 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Tgt Ion:154 Resp: 322026
Ion Ratio Lower Upper
154 100
153 111.6 89.5 134.3
152 53.6 42.6 64.0





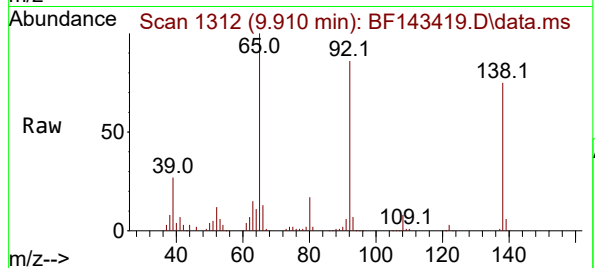
#53
3-Nitroaniline
Concen: 20.702 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

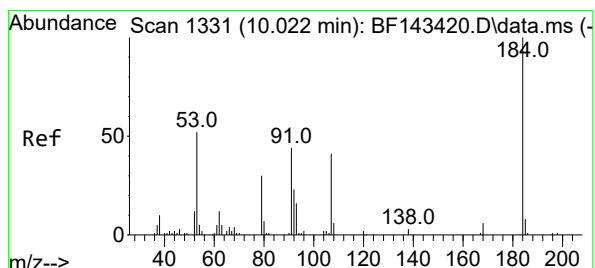
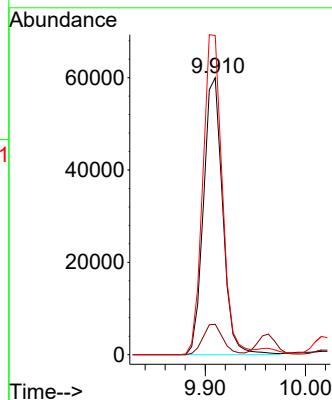
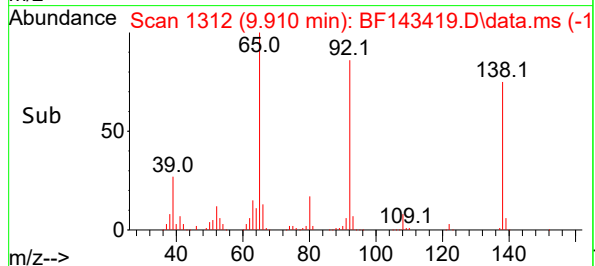


Tgt Ion:138 Resp: 7985
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 115.2 91.4 137.2

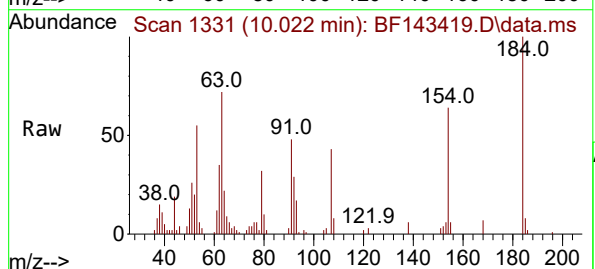
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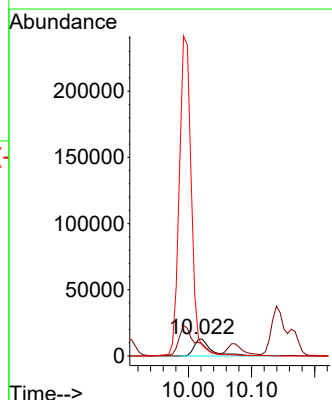
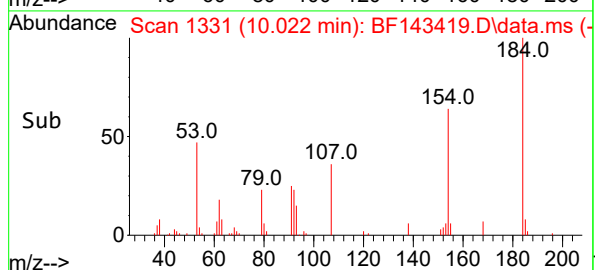
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

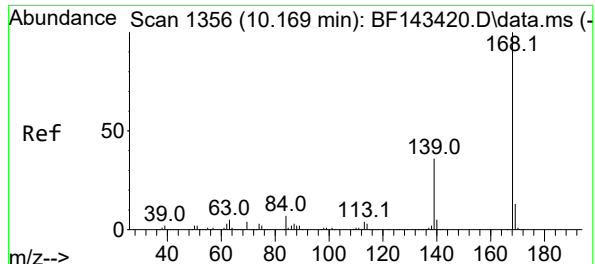


#54
2,4-Dinitrophenol
Concen: 19.975 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58



Tgt Ion:184 Resp: 24644
Ion Ratio Lower Upper
184 100
63 71.7 53.2 79.8
154 64.1 51.3 76.9





#55

Dibenzofuran

Concen: 21.390 ng

RT: 10.169 min Scan# 1356

Delta R.T. 0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 468229

Ion Ratio Lower Upper

168 100

139 36.1 29.3 43.9

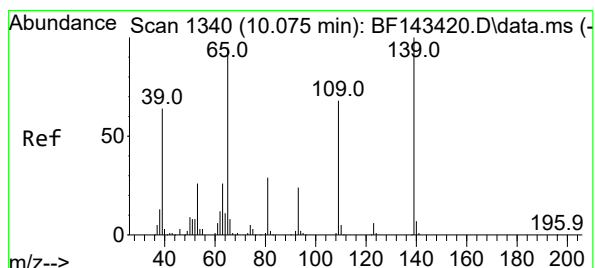
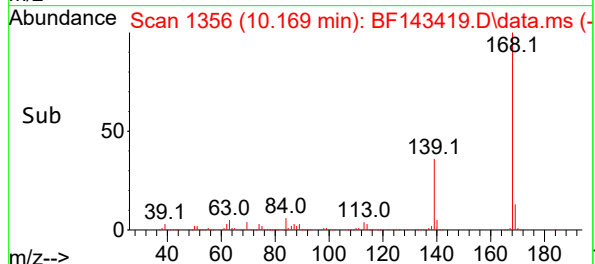
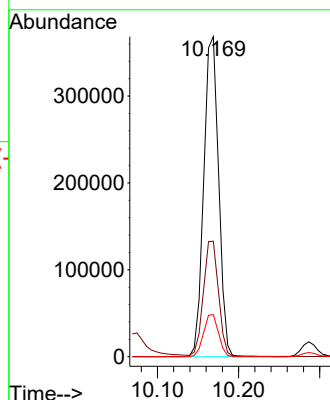
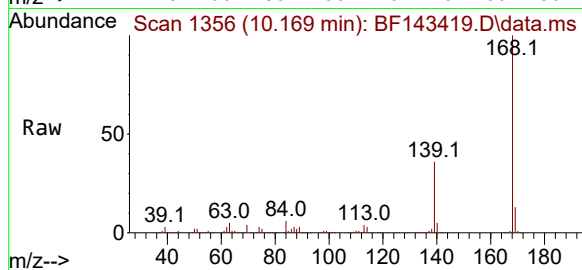
169 13.2 10.8 16.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#56

4-Nitrophenol

Concen: 19.778 ng

RT: 10.075 min Scan# 1340

Delta R.T. 0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

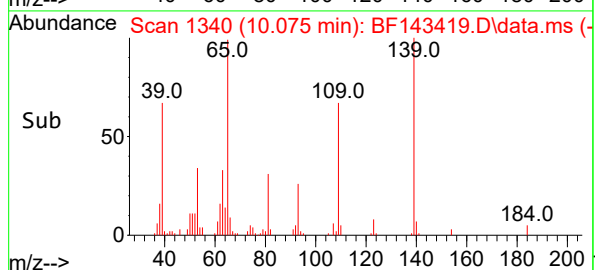
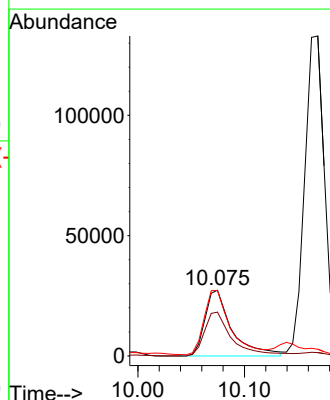
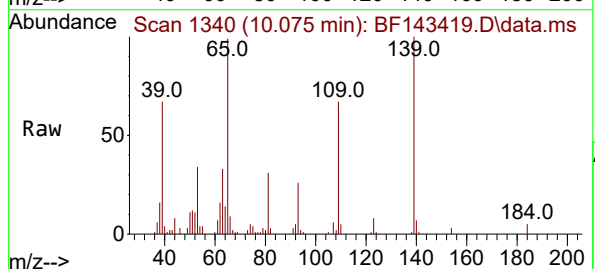
Tgt Ion:139 Resp: 47964

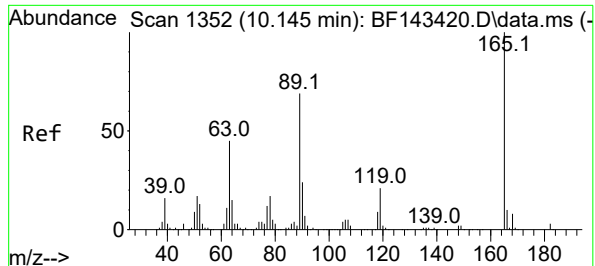
Ion Ratio Lower Upper

139 100

109 66.6 47.7 87.7

65 99.4 76.4 116.4





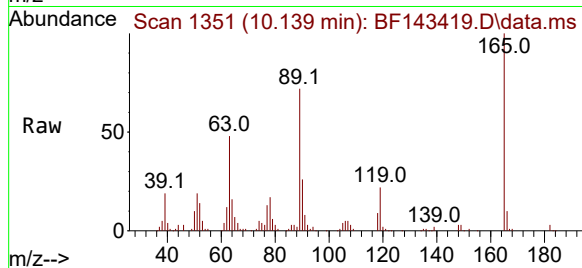
#57
2,4-Dinitrotoluene
Concen: 21.170 ng
RT: 10.139 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

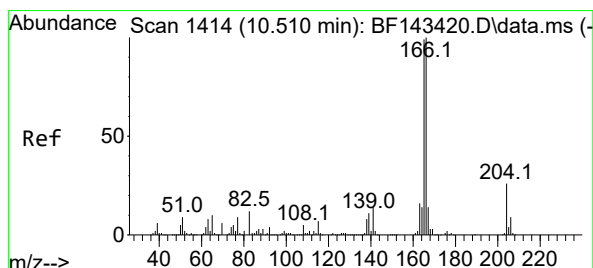
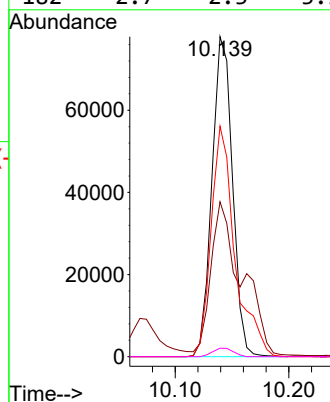
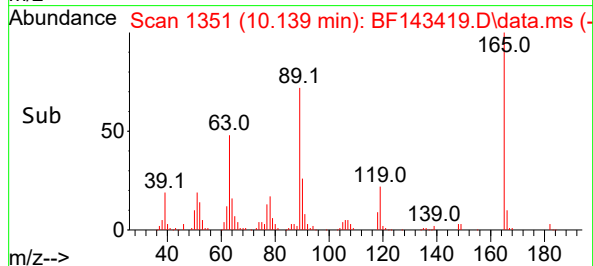


Tgt Ion:165 Resp: 97735
Ion Ratio Lower Upper
165 100
63 48.4 37.0 55.6
89 72.0 55.4 83.0
182 2.7 2.3 3.5

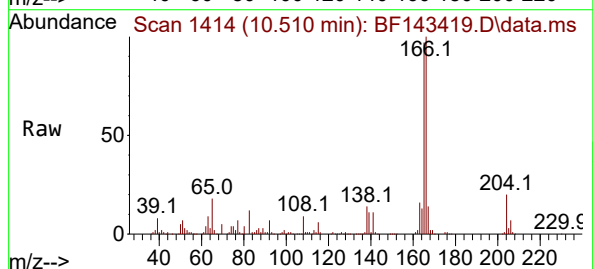
Manual Integrations

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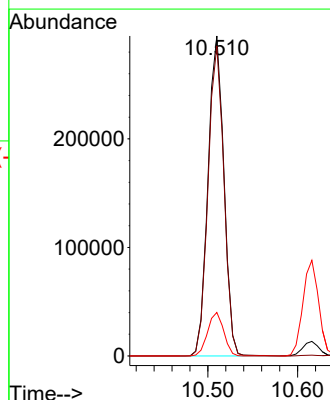
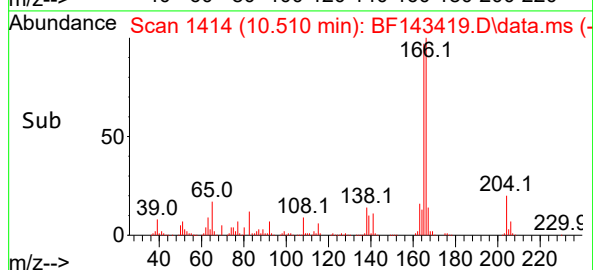
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

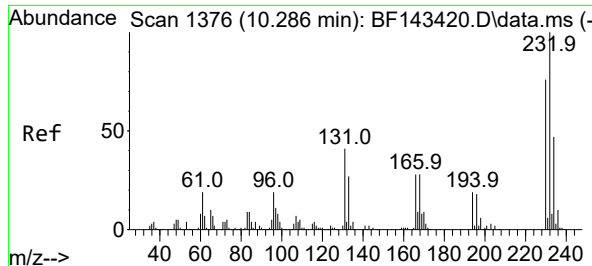


#58
Fluorene
Concen: 21.570 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58



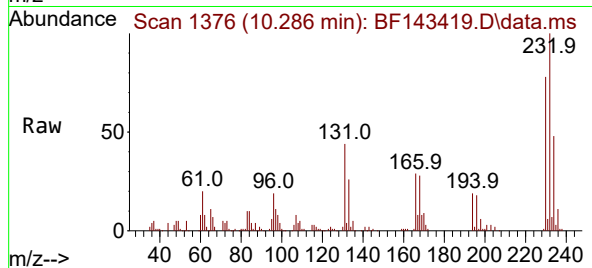
Tgt Ion:166 Resp: 362746
Ion Ratio Lower Upper
166 100
165 96.9 79.0 118.6
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.756 ng
RT: 10.286 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

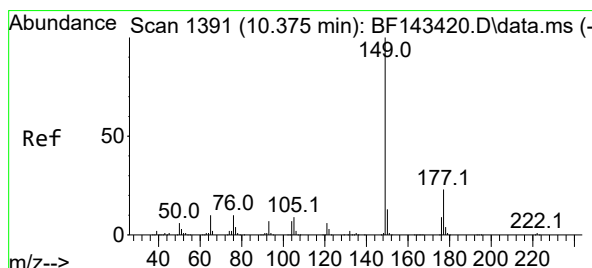
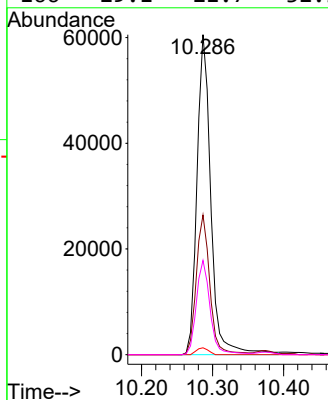
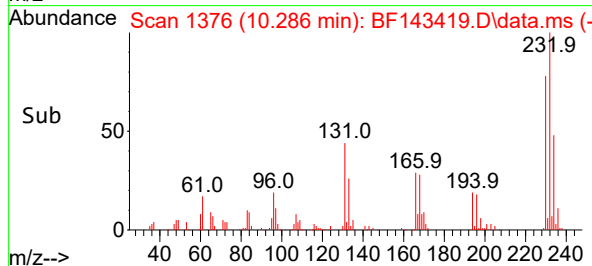
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



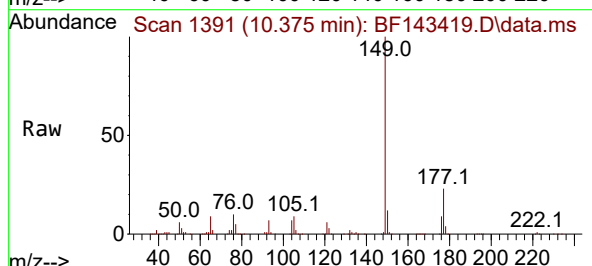
Tgt Ion:232 Resp: 82552
Ion Ratio Lower Upper
232 100
131 42.7 32.0 48.0
130 1.9 1.7 2.5
166 29.1 21.7 32.5

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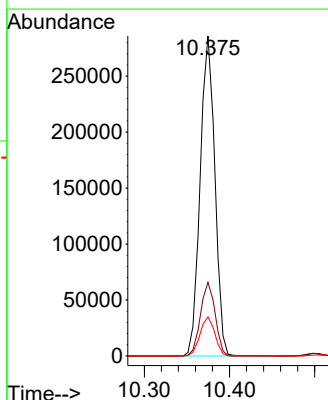
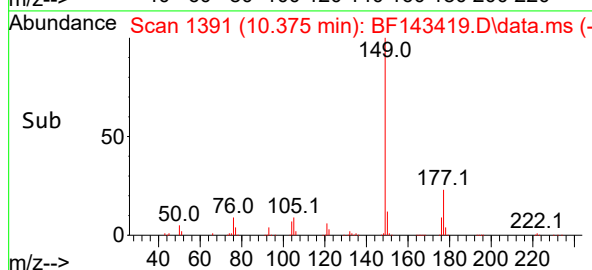
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

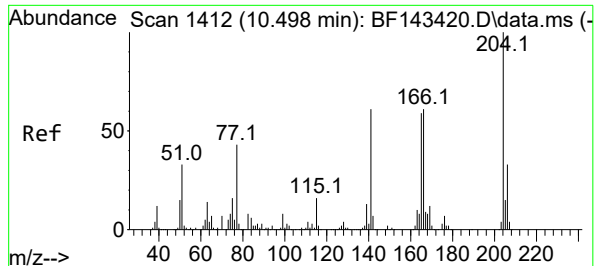


#60
Diethylphthalate
Concen: 21.125 ng
RT: 10.375 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58



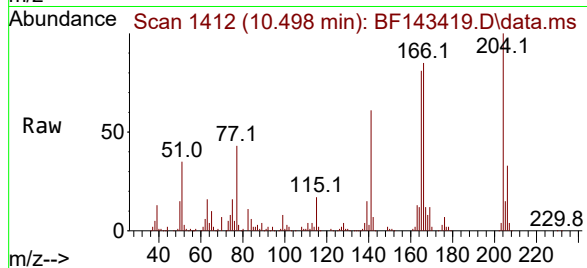
Tgt Ion:149 Resp: 342918
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 12.2 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 21.084 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

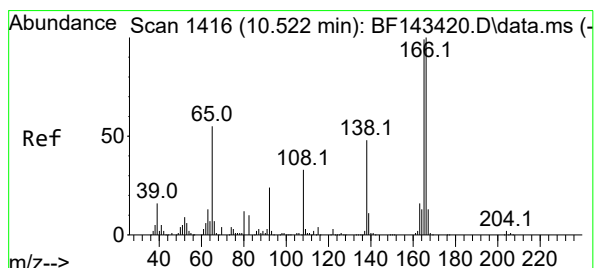
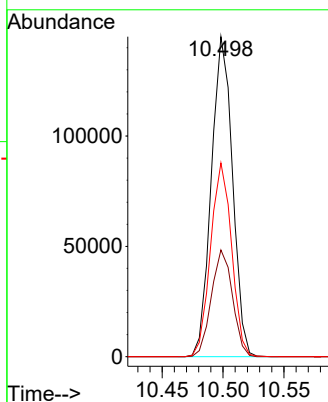
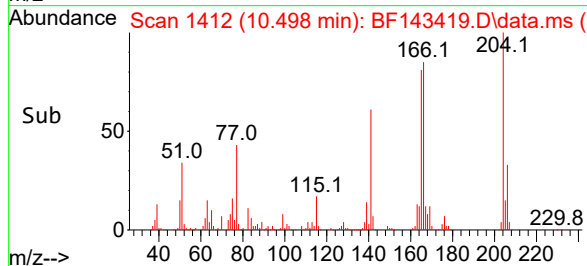
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



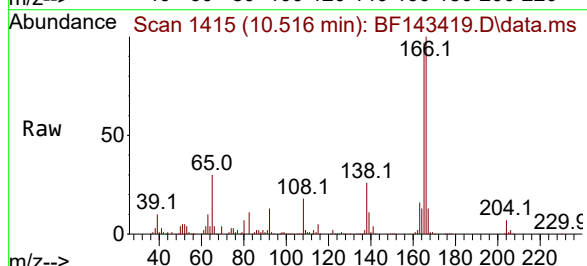
Tgt Ion:204 Resp: 175302
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 60.5 49.0 73.4

Manual Integrations
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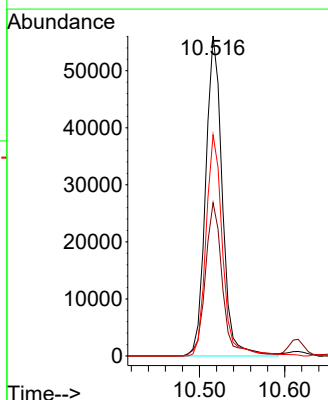
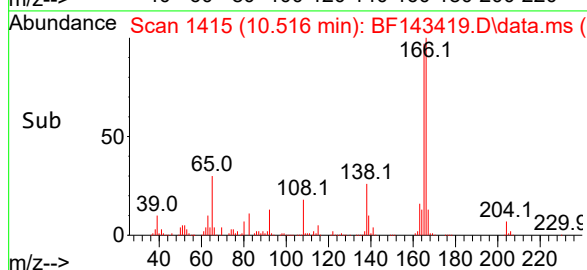
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

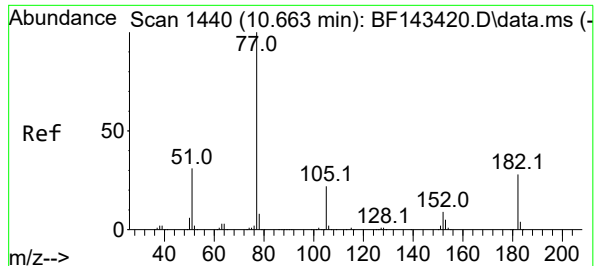


#62
4-Nitroaniline
Concen: 21.129 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58



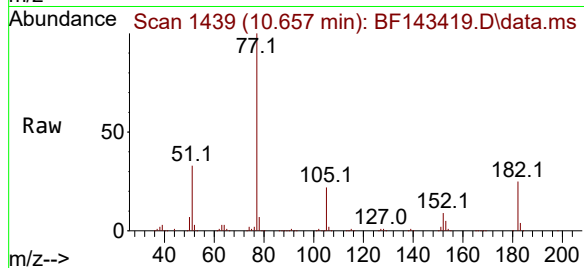
Tgt Ion:138 Resp: 76220
Ion Ratio Lower Upper
138 100
92 47.9 29.4 69.4
108 69.1 48.6 88.6





#63
Azobenzene
Concen: 21.108 ng
RT: 10.657 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

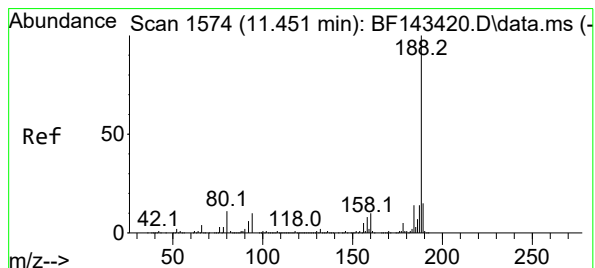
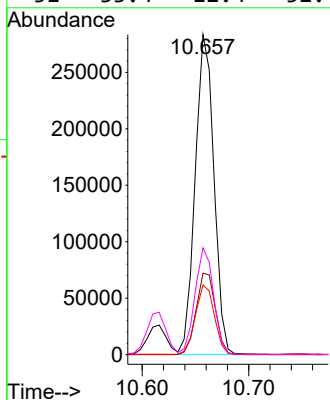
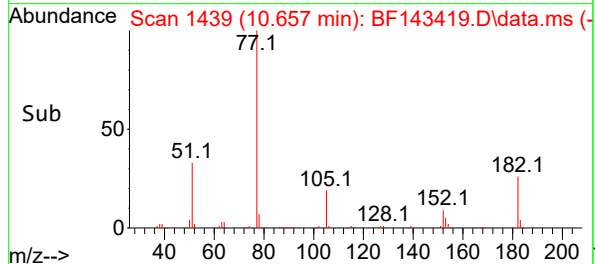
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 346304
Ion Ratio Lower Upper
77 100
182 25.5 7.4 47.4
105 21.8 1.7 41.7
51 33.4 12.4 52.4

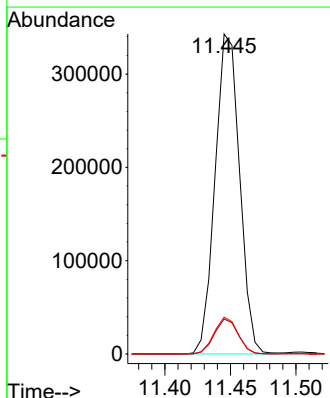
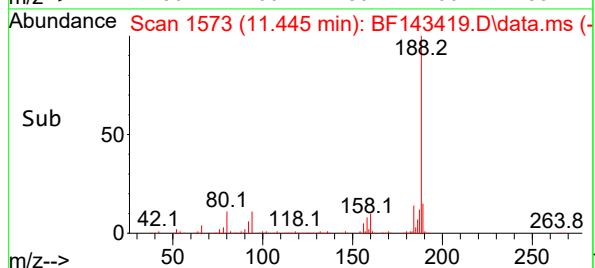
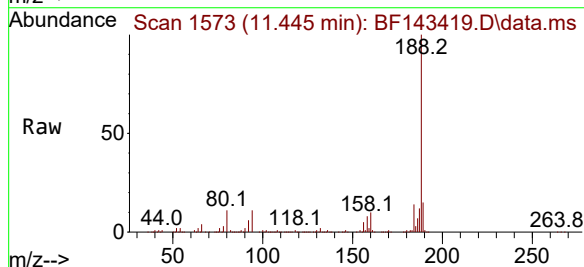
Manual Integrations
APPROVED

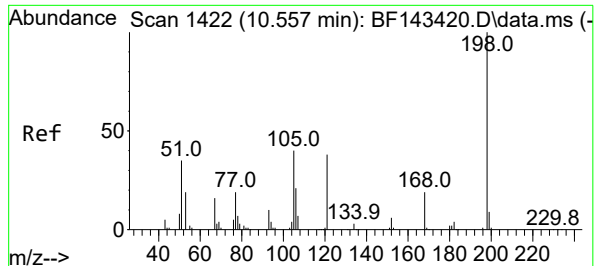
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Tgt Ion:188 Resp: 446308
Ion Ratio Lower Upper
188 100
94 10.9 8.0 12.0
80 11.5 8.6 12.8





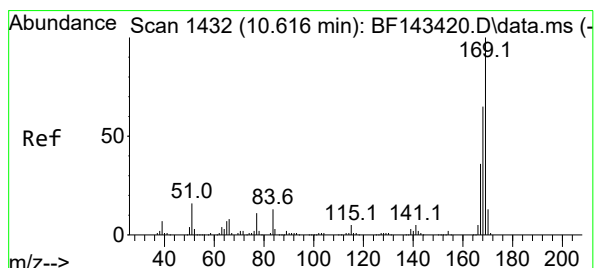
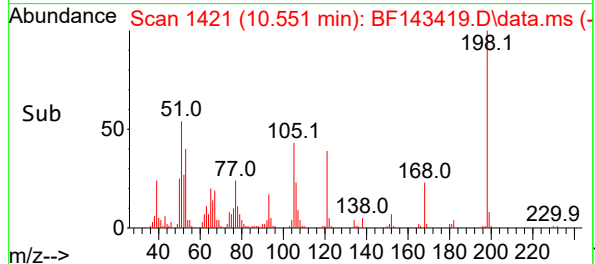
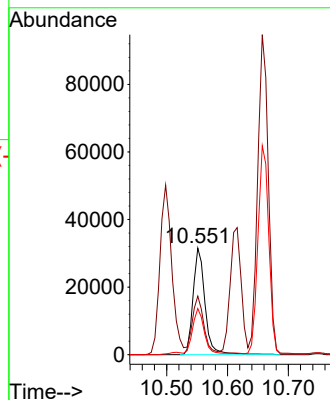
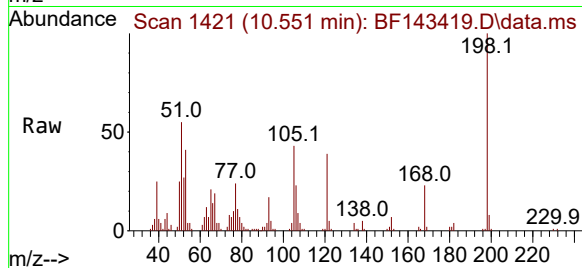
#65
4,6-Dinitro-2-methylphenol
Concen: 18.685 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 4302
Ion Ratio Lower Upper
198 100
51 54.9 31.2 71.2
105 43.2 21.7 61.7

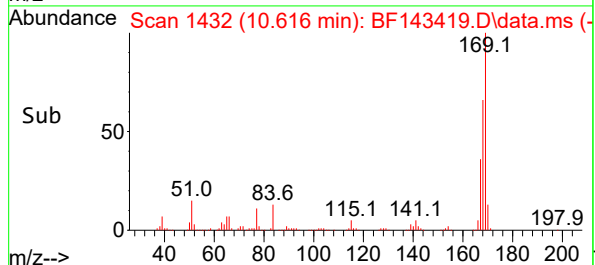
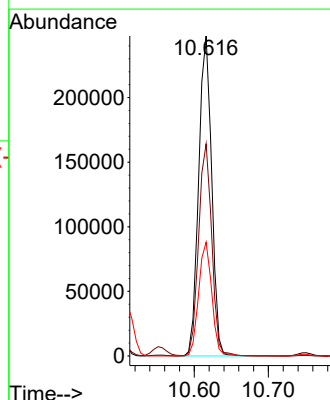
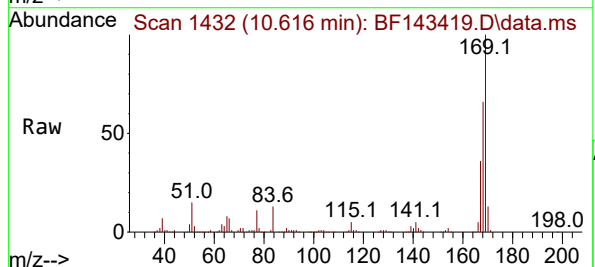
Manual Integrations
APPROVED

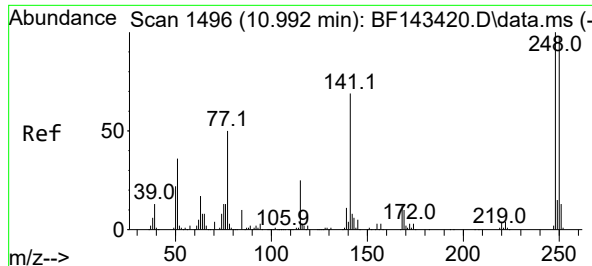
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#66
n-Nitrosodiphenylamine
Concen: 20.804 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

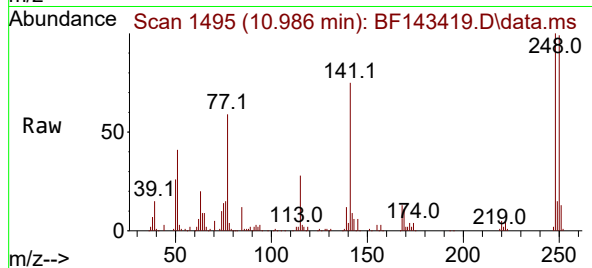
Tgt Ion:169 Resp: 301902
Ion Ratio Lower Upper
169 100
168 66.3 52.5 78.7
167 35.6 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 20.607 ng
RT: 10.986 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

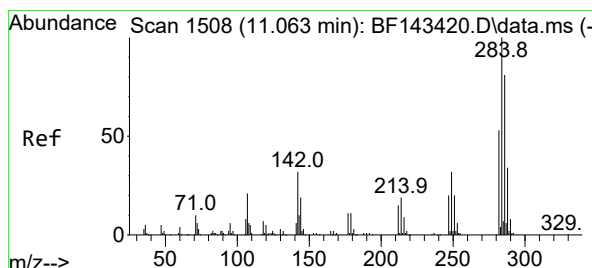
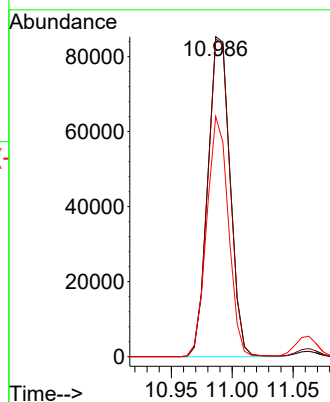
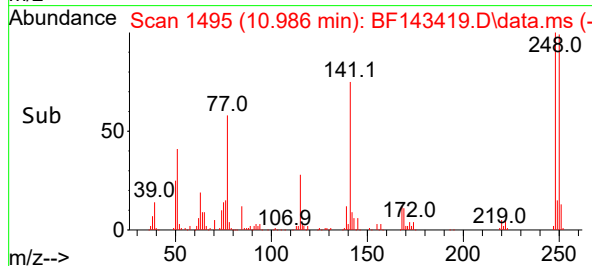
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:248 Resp: 108609
Ion Ratio Lower Upper
248 100
250 99.2 78.6 118.0
141 75.0 54.9 82.3

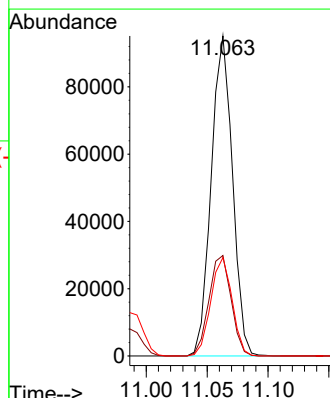
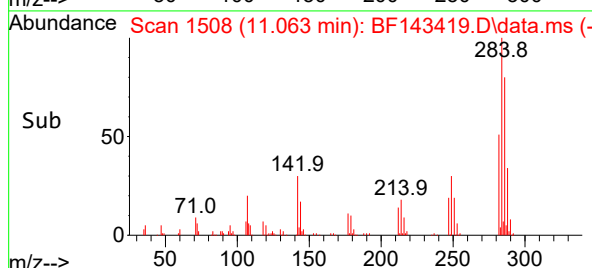
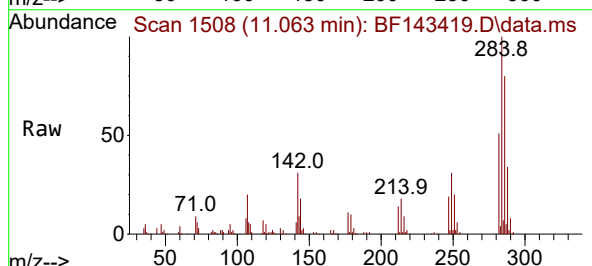
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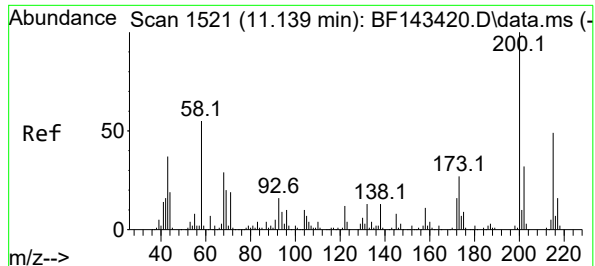
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#68
Hexachlorobenzene
Concen: 20.642 ng
RT: 11.063 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Tgt Ion:284 Resp: 115655
Ion Ratio Lower Upper
284 100
142 31.4 25.4 38.2
249 30.8 25.4 38.0





#69

Atrazine

Concen: 20.722 ng

RT: 11.139 min Scan# 1521

Delta R.T. -0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 87958

Ion Ratio Lower Upper

200 100

173 25.6 6.6 46.6

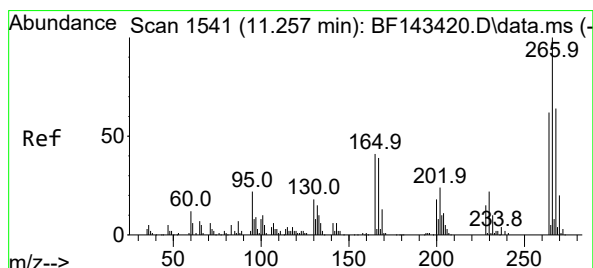
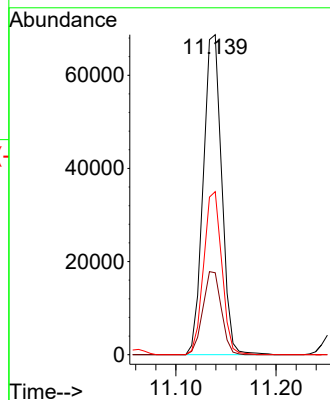
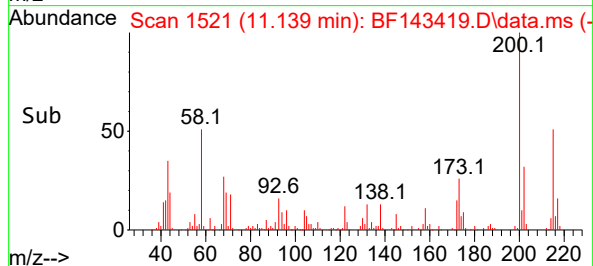
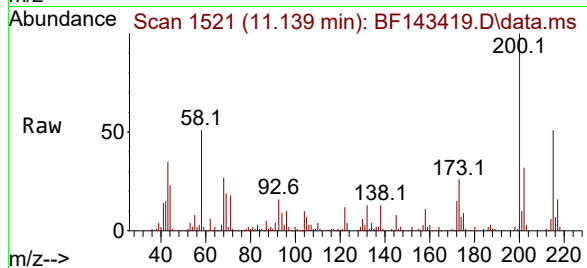
215 50.9 29.5 69.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#70

Pentachlorophenol

Concen: 19.081 ng

RT: 11.257 min Scan# 1541

Delta R.T. 0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

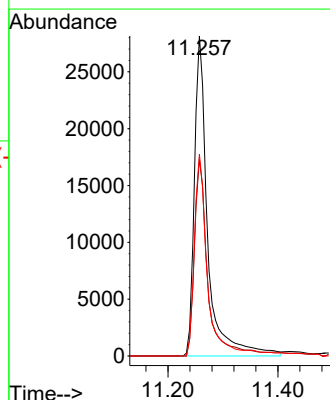
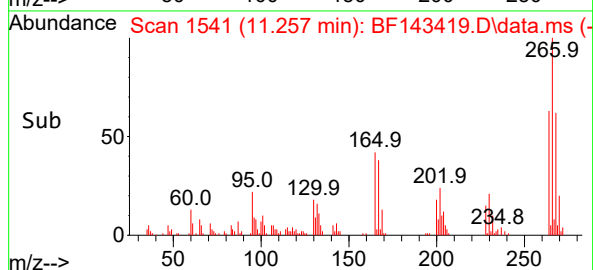
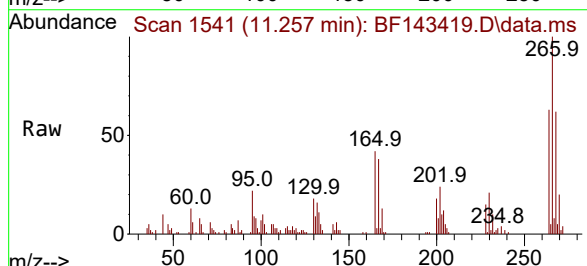
Tgt Ion:266 Resp: 47465

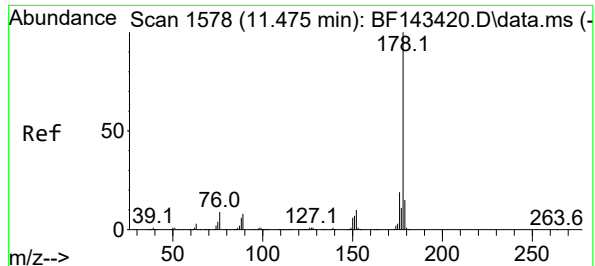
Ion Ratio Lower Upper

266 100

268 61.6 51.0 76.6

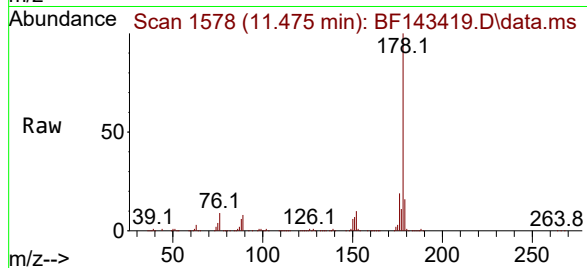
264 63.1 49.3 73.9





#71
Phenanthrene
Concen: 20.895 ng
RT: 11.475 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

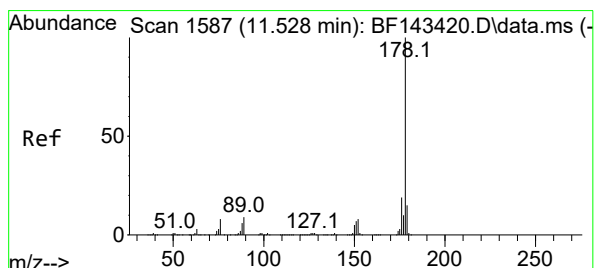
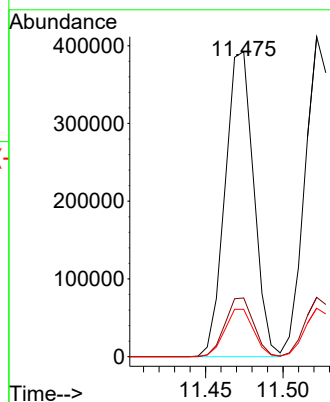
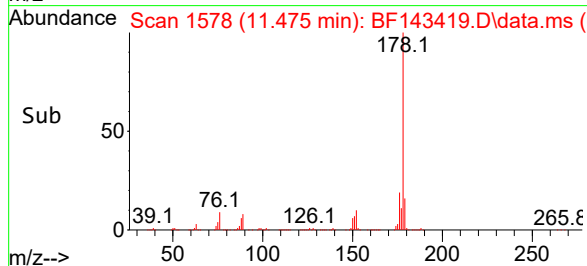
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 505004
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 12.3 18.5

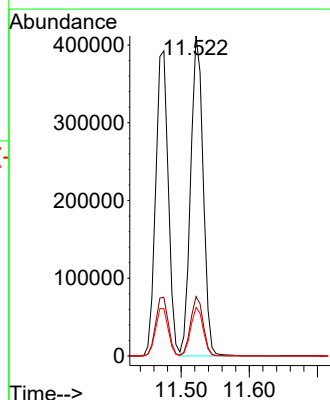
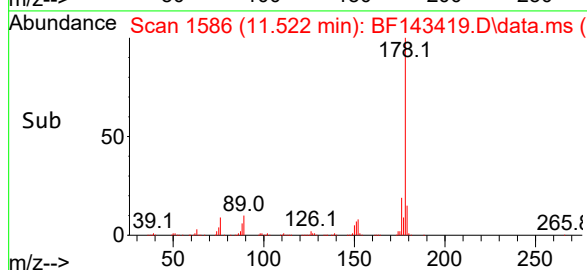
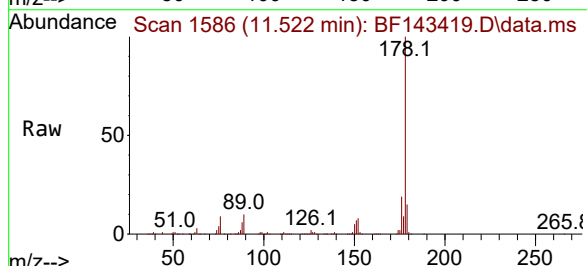
Manual Integrations
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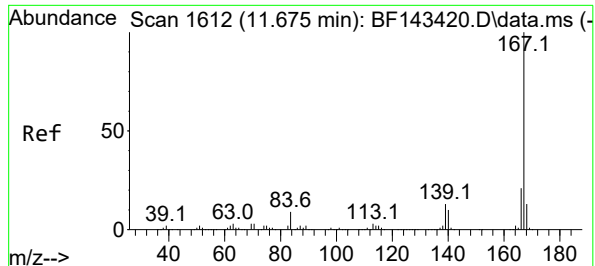
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#72
Anthracene
Concen: 21.325 ng
RT: 11.522 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

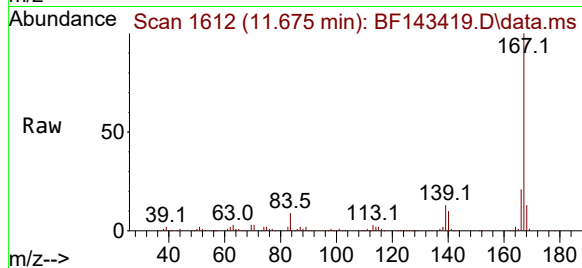
Tgt Ion:178 Resp: 520546
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.2 12.2 18.4





#73
Carbazole
Concen: 21.107 ng
RT: 11.675 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

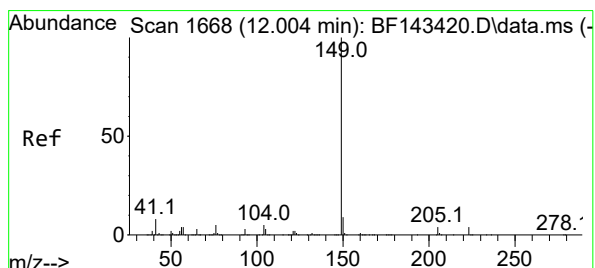
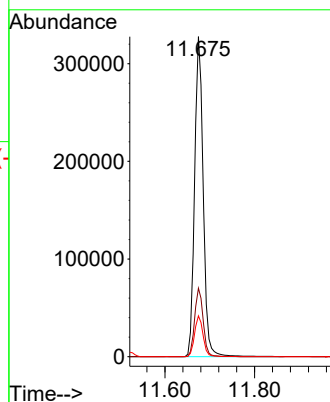
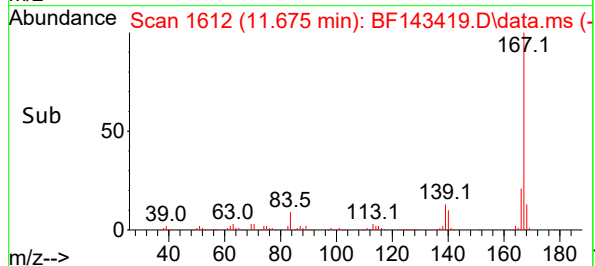
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



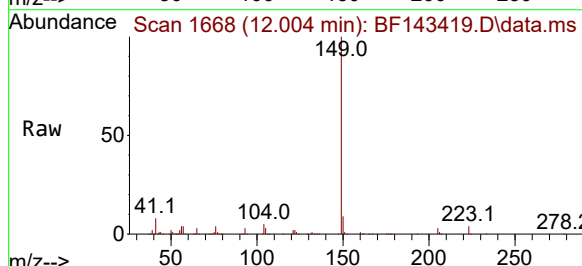
Tgt Ion:167 Resp: 435759
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.8 10.1 15.1

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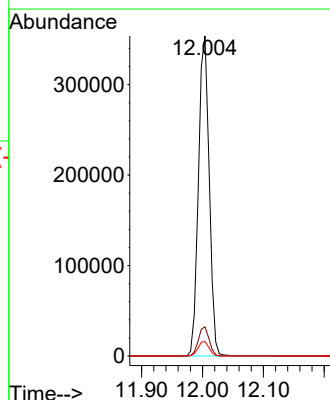
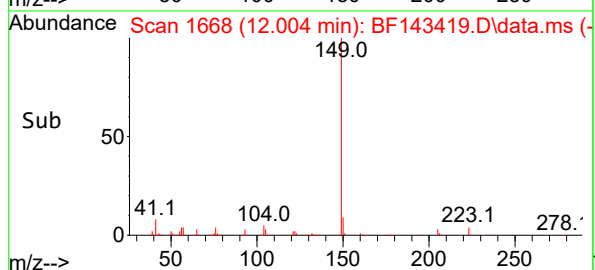
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

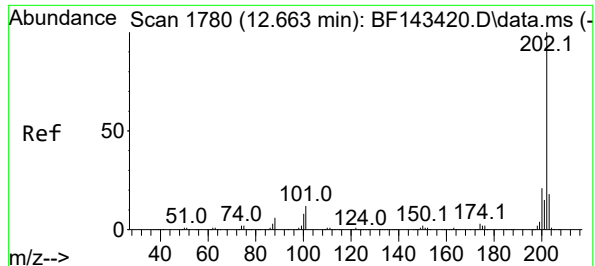


#74
Di-n-butylphthalate
Concen: 21.064 ng
RT: 12.004 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58



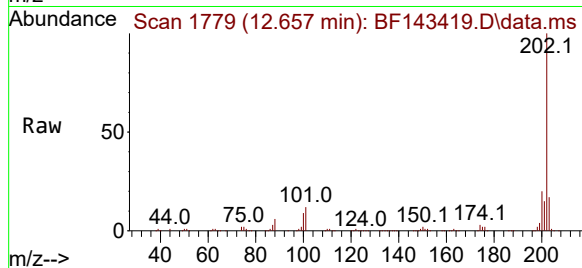
Tgt Ion:149 Resp: 433056
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.5 3.8 5.6





#75
Fluoranthene
Concen: 21.327 ng
RT: 12.657 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

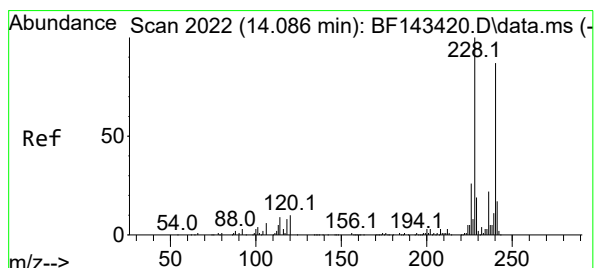
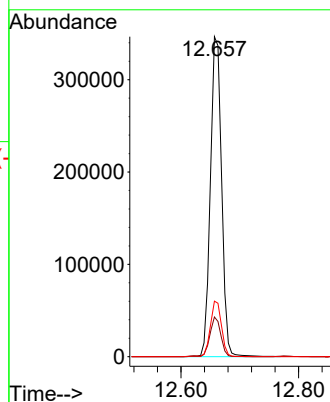
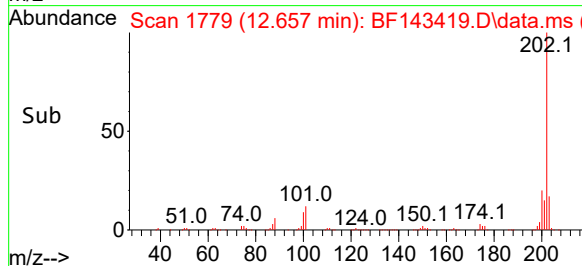
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 45800
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.5
203 17.4 0.0 37.5

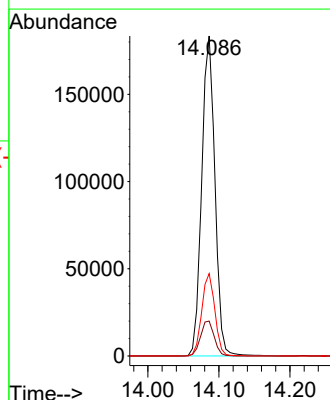
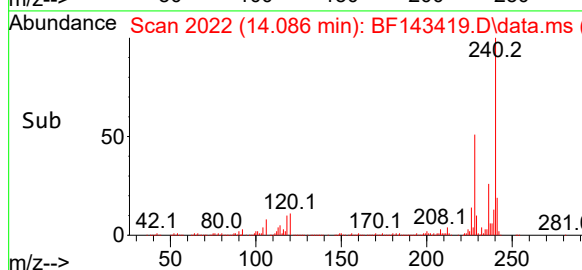
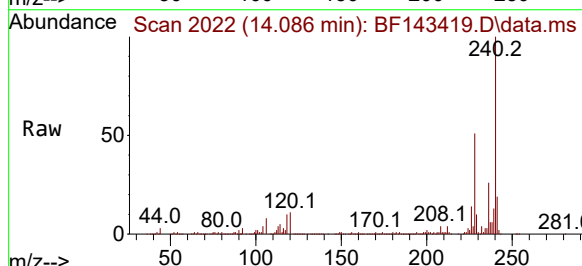
Manual Integrations
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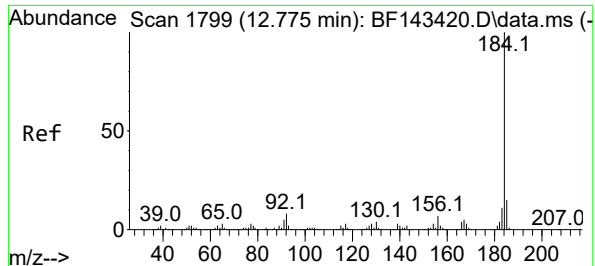
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Tgt Ion:240 Resp: 237684
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.7 20.2 30.2





#77

Benzidine

Concen: 26.473 ng

RT: 12.775 min Scan# 1799

Delta R.T. -0.000 min

Lab File: BF143419.D

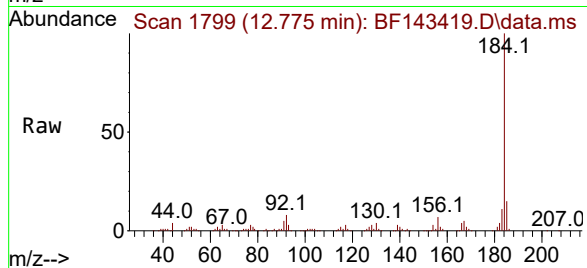
Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:184 Resp: 178128

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

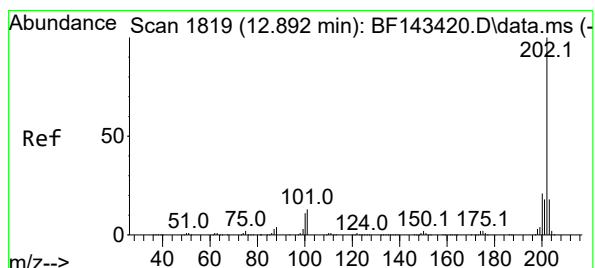
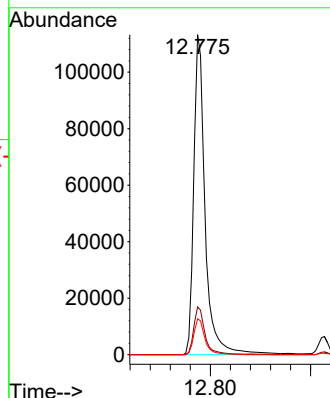
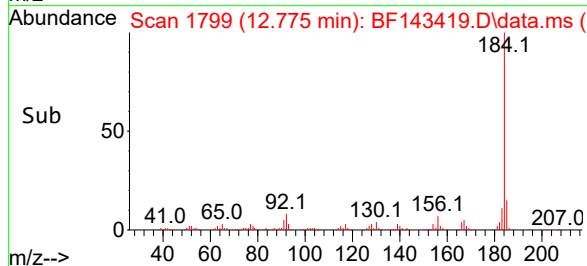
183 11.2 9.2 13.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#78

Pyrene

Concen: 22.435 ng

RT: 12.886 min Scan# 1818

Delta R.T. -0.006 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

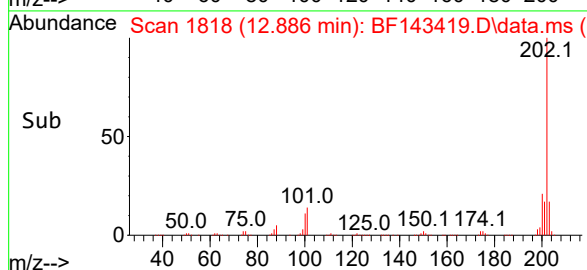
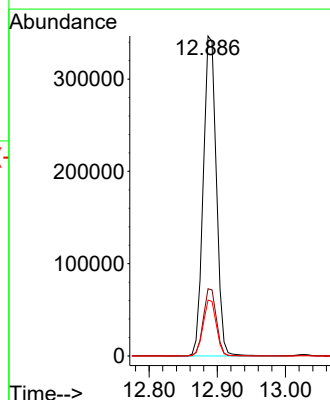
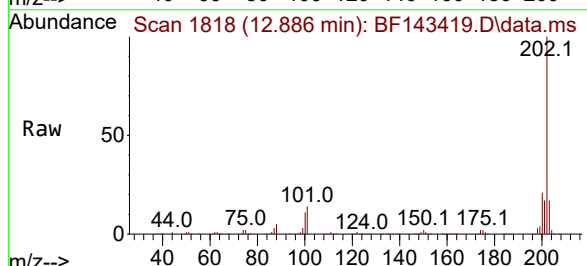
Tgt Ion:202 Resp: 463473

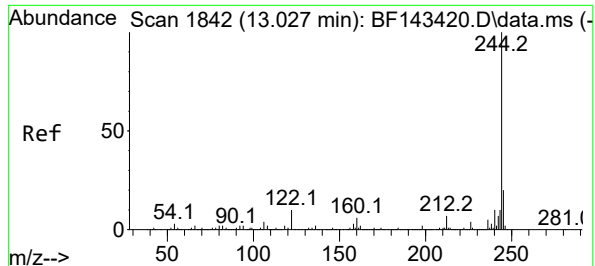
Ion Ratio Lower Upper

202 100

200 21.0 17.1 25.7

203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 44.646 ng

RT: 13.027 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF143419.D

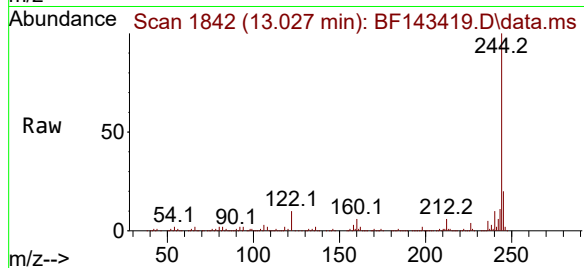
Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:244 Resp: 631704

Ion Ratio Lower Upper

244 100

212 6.4 5.2 7.8

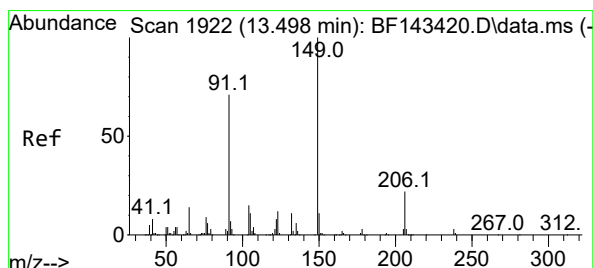
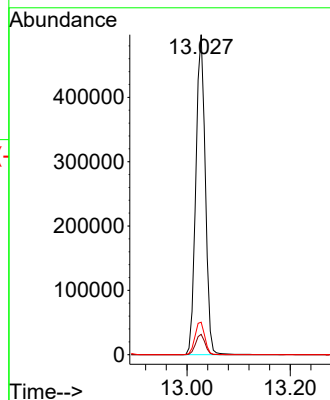
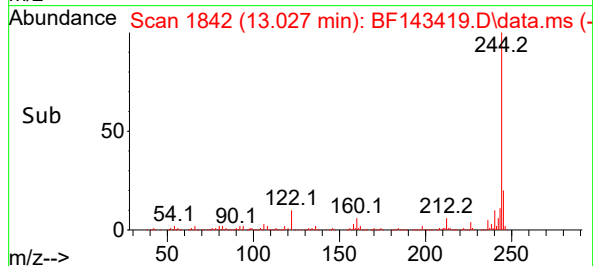
122 10.2 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#80

Butylbenzylphthalate

Concen: 20.702 ng

RT: 13.498 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

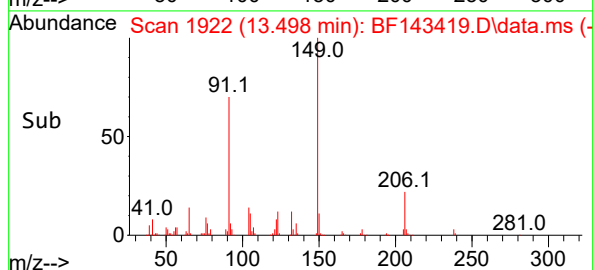
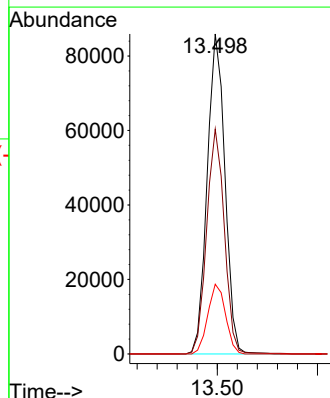
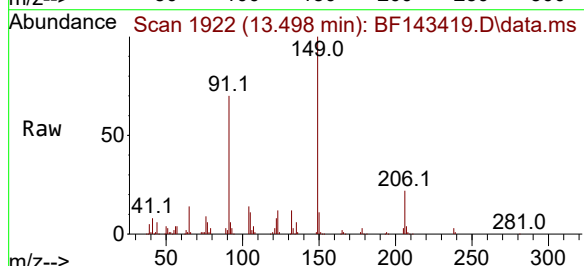
Tgt Ion:149 Resp: 105931

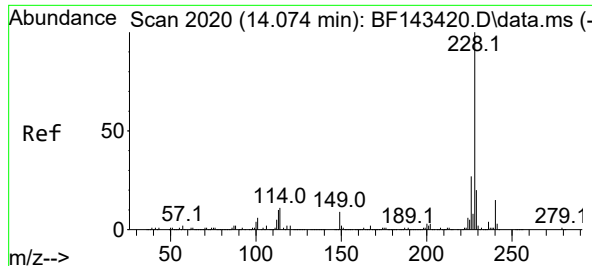
Ion Ratio Lower Upper

149 100

91 70.2 57.0 85.4

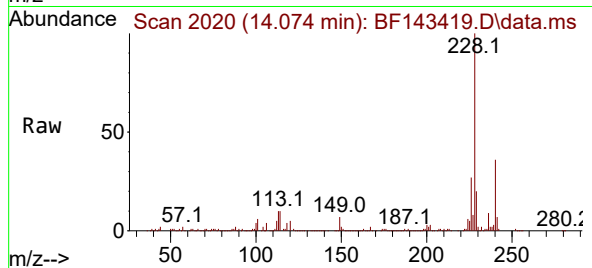
206 21.8 17.6 26.4





#81
Benzo(a)anthracene
Concen: 20.706 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

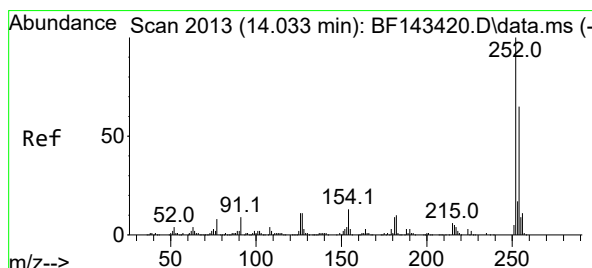
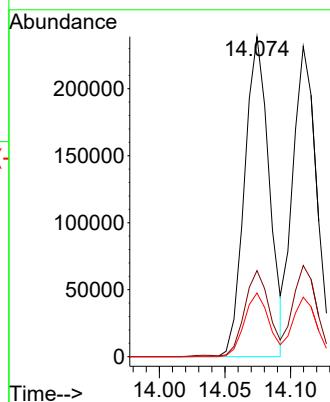
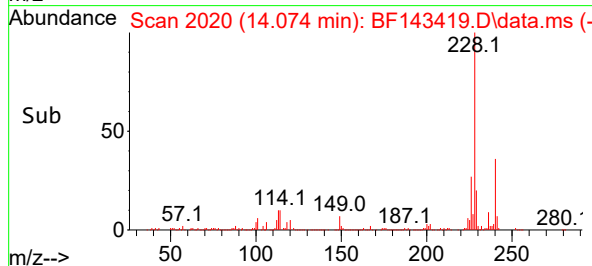
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



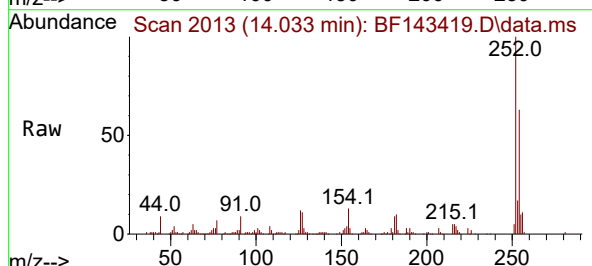
Tgt Ion:228 Resp: 31333
Ion Ratio Lower Upper
228 100
226 26.9 21.5 32.3
229 19.9 15.7 23.5

Manual Integrations
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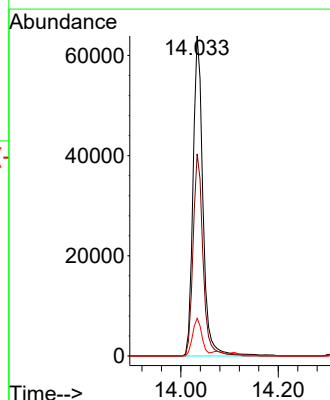
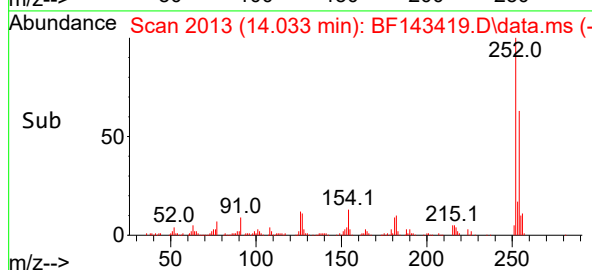
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

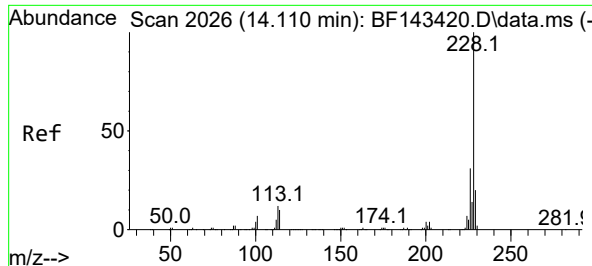


#82
3,3'-Dichlorobenzidine
Concen: 20.470 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58



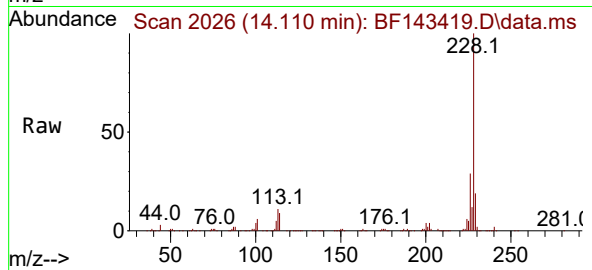
Tgt Ion:252 Resp: 90692
Ion Ratio Lower Upper
252 100
254 63.2 51.6 77.4
126 11.7 8.8 13.2





#83
Chrysene
Concen: 21.065 ng
RT: 14.110 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

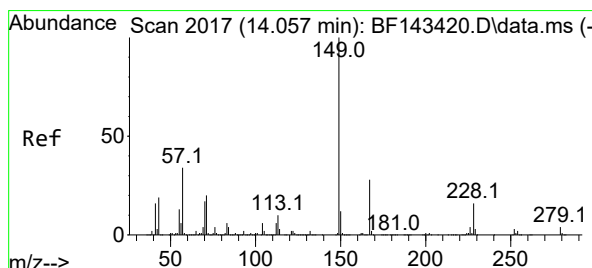
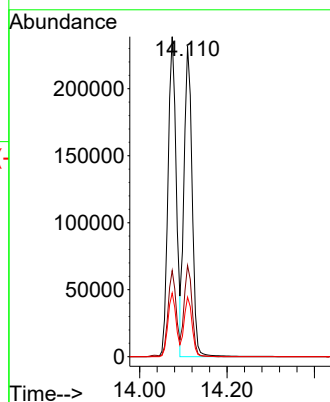
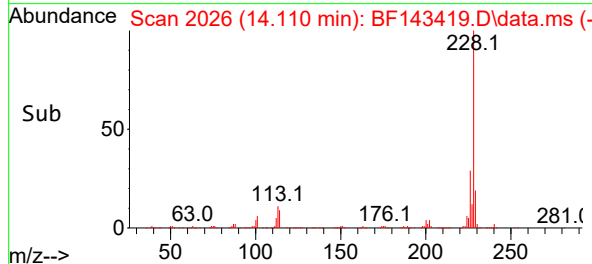
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 294690
Ion Ratio Lower Upper
228 100
226 29.4 24.3 36.5
229 19.2 16.1 24.1

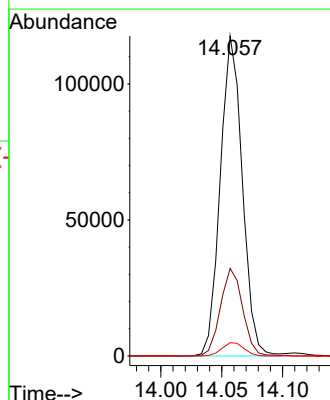
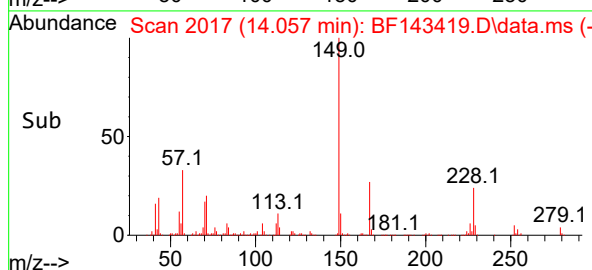
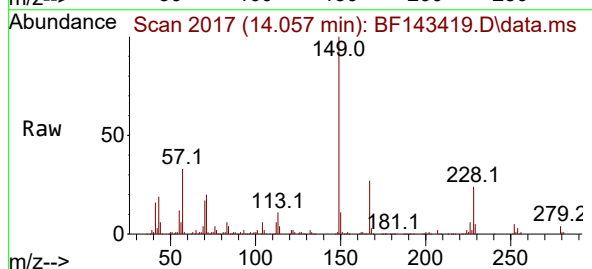
Manual Integrations
APPROVED

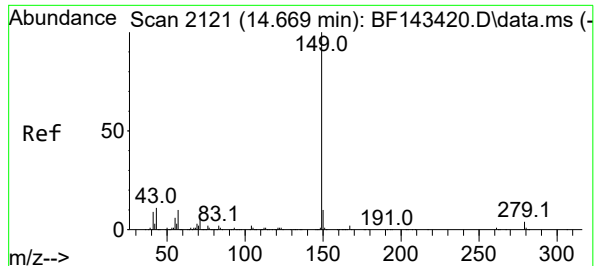
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 20.395 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

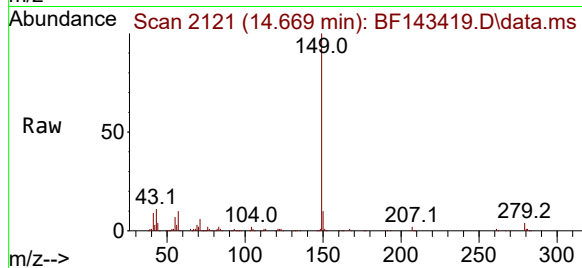
Tgt Ion:149 Resp: 148211
Ion Ratio Lower Upper
149 100
167 27.4 22.6 33.8
279 4.1 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 19.503 ng
RT: 14.669 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

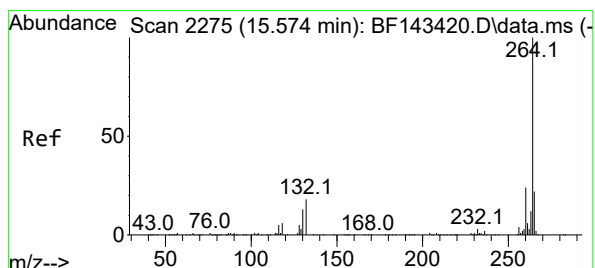
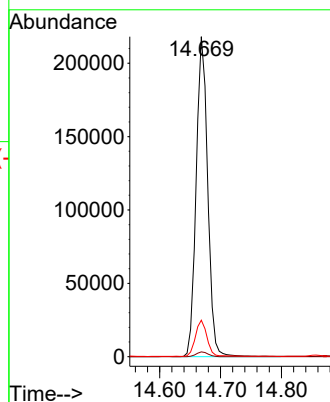
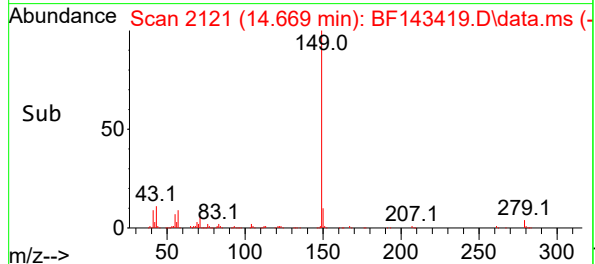
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 287450
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.5 9.0 13.6

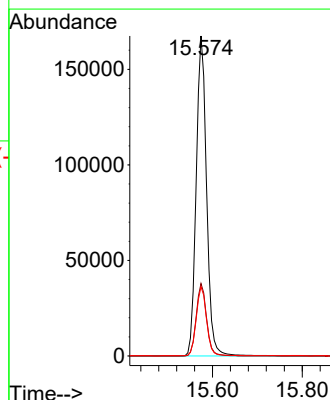
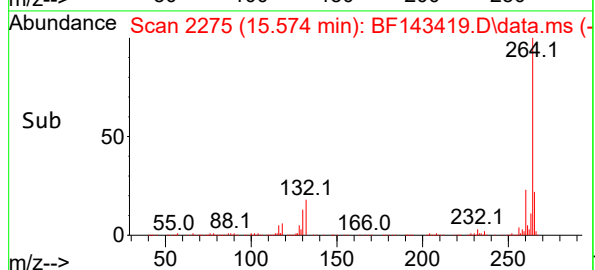
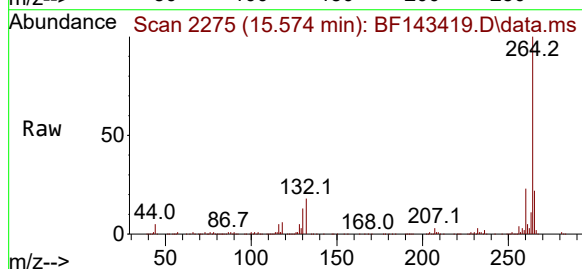
Manual Integrations
APPROVED

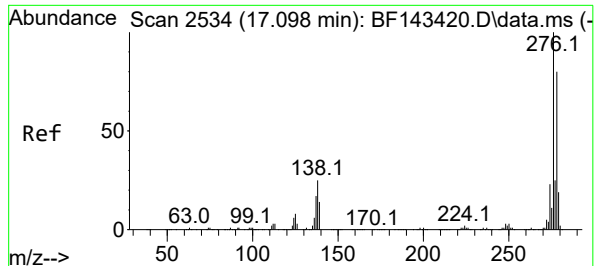
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Tgt Ion:264 Resp: 269028
Ion Ratio Lower Upper
264 100
260 22.7 18.8 28.2
265 21.6 17.4 26.0





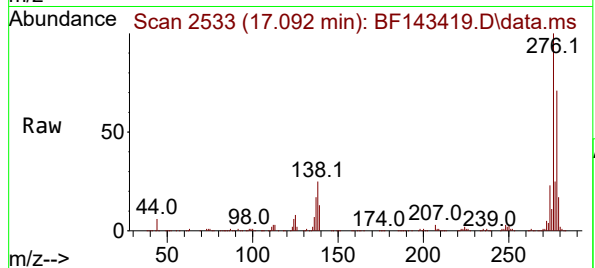
#87
Indeno(1,2,3-cd)pyrene
Concen: 20.929 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



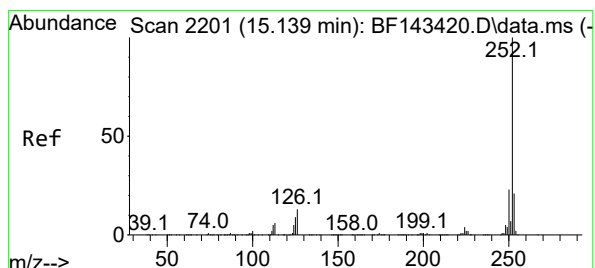
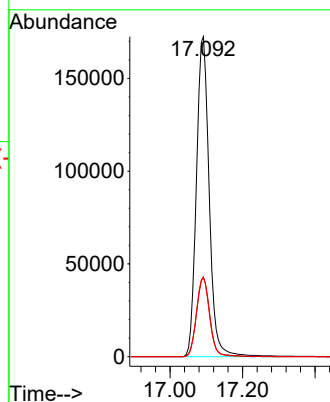
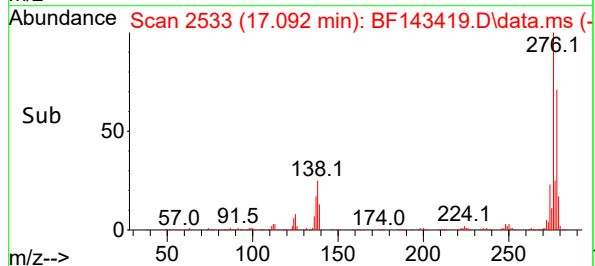
Tgt Ion:276 Resp: 422220
Ion Ratio Lower Upper
276 100
138 25.7 20.2 30.4
277 25.4 20.2 30.2

Manual Integrations

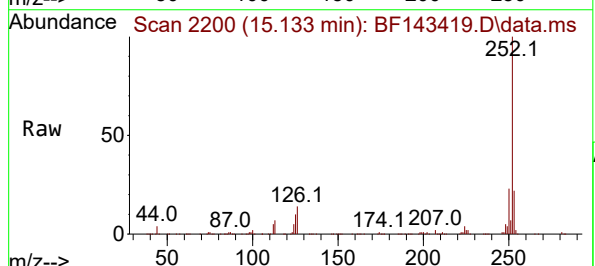
APPROVED

Reviewed By :Rahul Chavli 08/18/2025

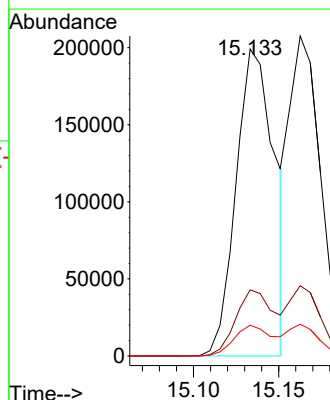
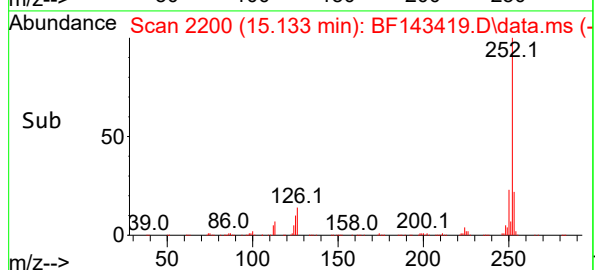
Supervised By :Jagrut Upadhyay 08/18/2025

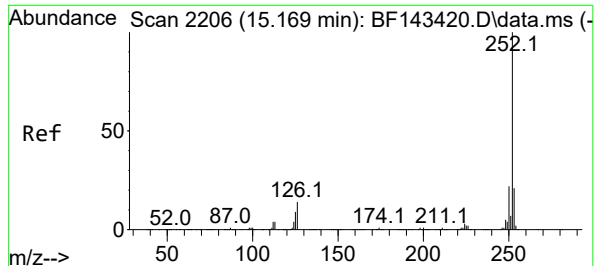


#88
Benzo(b)fluoranthene
Concen: 21.598 ng
RT: 15.133 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58



Tgt Ion:252 Resp: 311415
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 10.0 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 19.326 ng

RT: 15.163 min Scan# 2205

Delta R.T. -0.006 min

Lab File: BF143419.D

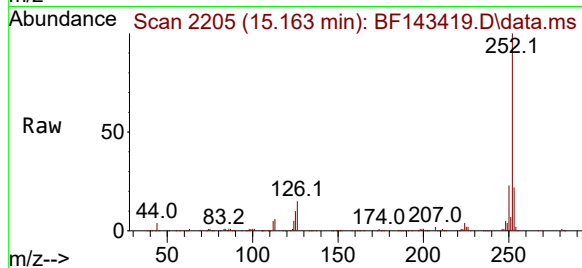
Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:252 Resp: 274840

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

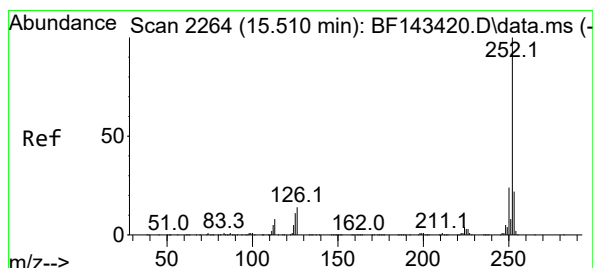
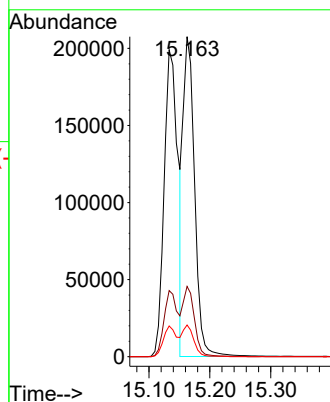
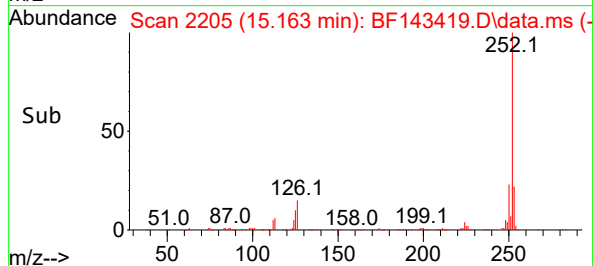
125 9.9 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#90

Benzo(a)pyrene

Concen: 20.655 ng

RT: 15.510 min Scan# 2264

Delta R.T. -0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

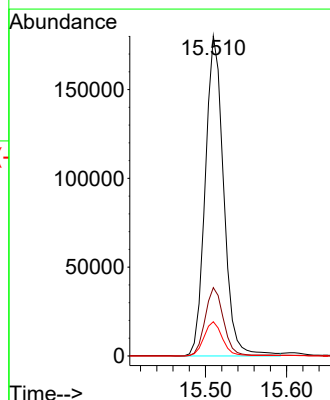
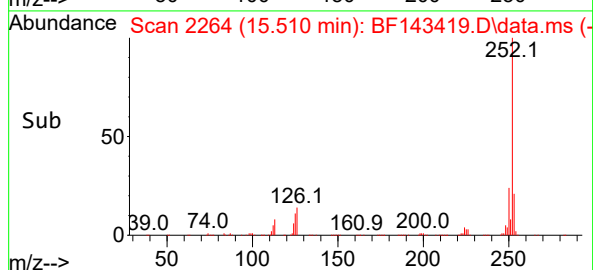
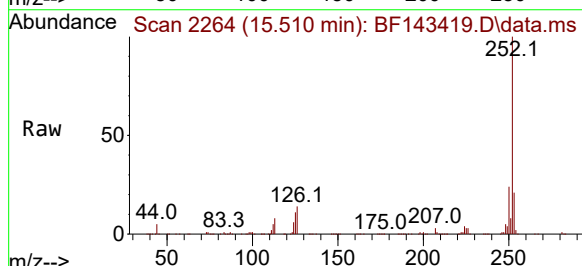
Tgt Ion:252 Resp: 283654

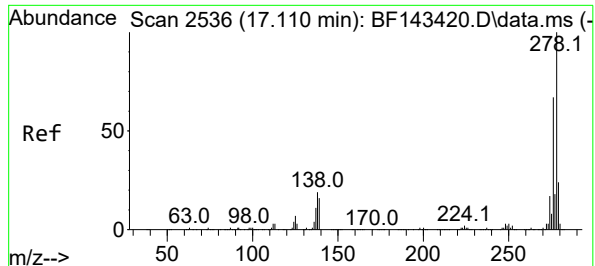
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

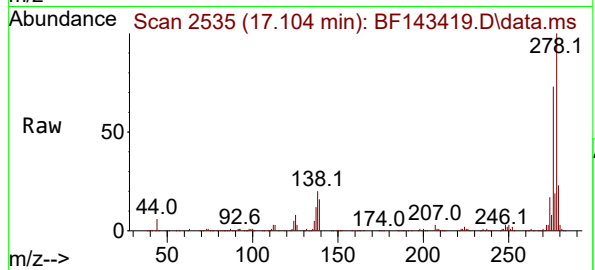
125 10.7 8.6 12.8





#91
Dibenzo(a,h)anthracene
Concen: 21.179 ng
RT: 17.104 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

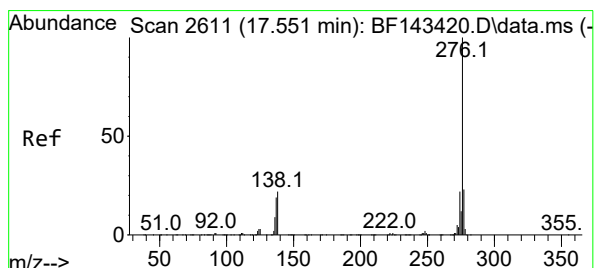
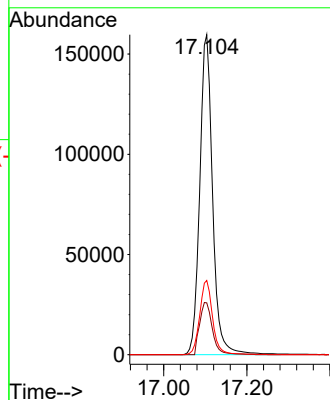
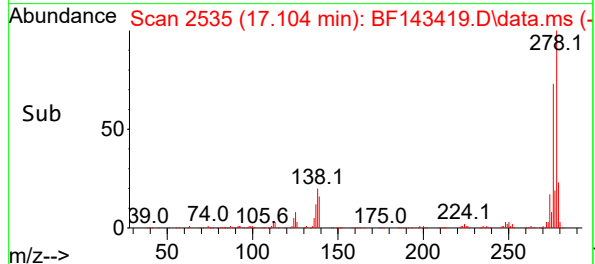
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 278 Resp: 343124
Ion Ratio Lower Upper
278 100
139 16.2 12.9 19.3
279 23.2 19.0 28.4

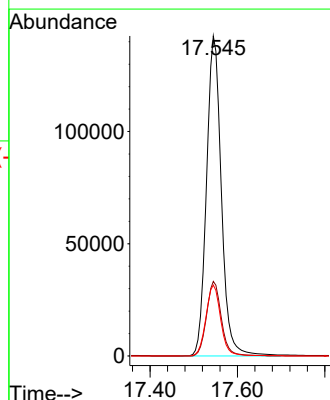
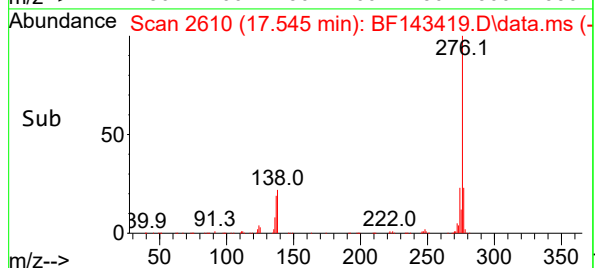
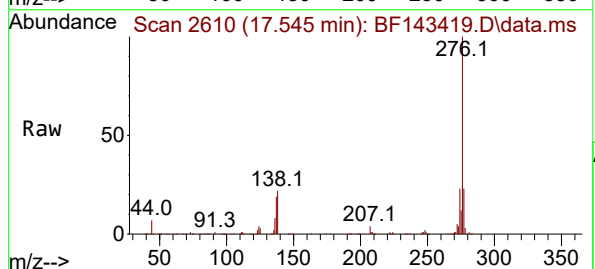
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#92
Benzo(g,h,i)perylene
Concen: 20.888 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Tgt Ion: 276 Resp: 338060
Ion Ratio Lower Upper
276 100
277 23.3 18.7 28.1
138 22.2 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143420.D
 Acq On : 15 Aug 2025 16:28
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Aug 15 18:27:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:23:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	132257	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	505729	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	275083	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	418439	20.000	ng	0.00
76) Chrysene-d12	14.086	240	217298	20.000	ng	0.00
86) Perylene-d12	15.574	264	282413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	606940	79.773	ng	0.00
7) Phenol-d6	6.557	99	747976	78.010	ng	0.00
23) Nitrobenzene-d5	7.487	82	685209	80.398	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	194710	79.524	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1245188	76.137	ng	0.00
79) Terphenyl-d14	13.027	244	996745	77.055	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	149291	40.765	ng	100
3) Pyridine	3.510	79	393429	40.960	ng	100
4) n-Nitrosodimethylamine	3.452	42	180000	40.318	ng	100
6) Aniline	6.593	93	524888	40.324	ng	100
8) 2-Chlorophenol	6.716	128	331125	39.421	ng	100
9) Benzaldehyde	6.475	77	194204	38.074	ng	100
10) Phenol	6.575	94	449047	40.134	ng	100
11) bis(2-Chloroethyl)ether	6.657	93	327002	39.428	ng	100
12) 1,3-Dichlorobenzene	6.869	146	369069	39.224	ng	100
13) 1,4-Dichlorobenzene	6.946	146	369492	39.334	ng	100
14) 1,2-Dichlorobenzene	7.098	146	350532	39.068	ng	100
15) Benzyl Alcohol	7.069	79	285470	40.372	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	554459	39.105	ng	100
17) 2-Methylphenol	7.181	107	271001	39.543	ng	100
18) Hexachloroethane	7.440	117	126367	39.521	ng	100
19) n-Nitroso-di-n-propyla...	7.334	70	228365	38.472	ng	100
20) 3+4-Methylphenols	7.334	107	328370	40.072	ng	100
22) Acetophenone	7.334	105	423320	38.931	ng	100
24) Nitrobenzene	7.504	77	361256	40.556	ng	100
25) Isophorone	7.745	82	641248	39.312	ng	100
26) 2-Nitrophenol	7.822	139	171491	41.530	ng	100
27) 2,4-Dimethylphenol	7.863	122	272589	39.043	ng	100
28) bis(2-Chloroethoxy)met...	7.951	93	394269	39.324	ng	100
29) 2,4-Dichlorophenol	8.069	162	284618	39.990	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	286685	39.312	ng	100
31) Naphthalene	8.234	128	951330	39.623	ng	100
32) Benzoic acid	7.975	122	144395	39.956	ng	100
33) 4-Chloroaniline	8.275	127	348006	40.155	ng	100
34) Hexachlorobutadiene	8.351	225	185656	39.924	ng	100
35) Caprolactam	8.645	113	81112	39.584	ng	100
36) 4-Chloro-3-methylphenol	8.757	107	291801	39.809	ng	100
37) 2-Methylnaphthalene	8.922	142	631789	39.038	ng	100
38) 1-Methylnaphthalene	9.022	142	604084	38.959	ng	100
40) 1,2,4,5-Tetrachloroben...	9.087	216	301932	39.357	ng	100
41) Hexachlorocyclopentadiene	9.081	237	98458	38.885	ng	100
43) 2,4,6-Trichlorophenol	9.198	196	194463	40.635	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143420.D
 Acq On : 15 Aug 2025 16:28
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

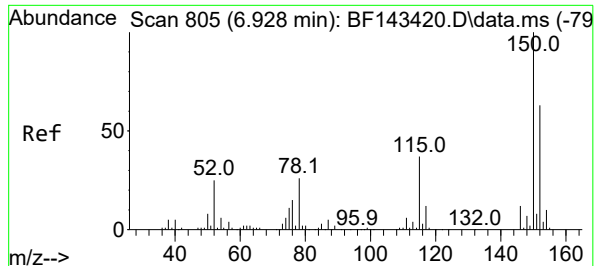
Quant Time: Aug 15 18:27:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:23:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	207994	40.546	ng	100
46) 1,1'-Biphenyl	9.381	154	756357	39.133	ng	100
47) 2-Chloronaphthalene	9.410	162	595680	39.044	ng	100
48) 2-Nitroaniline	9.498	65	184632	40.666	ng	100
49) Acenaphthylene	9.822	152	865258	39.280	ng	100
50) Dimethylphthalate	9.675	163	665610	38.811	ng	100
51) 2,6-Dinitrotoluene	9.739	165	138694	41.024	ng	100
52) Acenaphthene	9.998	154	573888	38.736	ng	100
53) 3-Nitroaniline	9.910	138	155480	41.285	ng	100
54) 2,4-Dinitrophenol	10.022	184	52940	37.023	ng	100
55) Dibenzofuran	10.169	168	834107	39.027	ng	100
56) 4-Nitrophenol	10.075	139	98425	41.570	ng	100
57) 2,4-Dinitrotoluene	10.145	165	183519	40.714	ng	100
58) Fluorene	10.510	166	623065	37.948	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.286	232	163623	42.137	ng	100
60) Diethylphthalate	10.375	149	609804	38.477	ng	100
61) 4-Chlorophenyl-phenyle...	10.498	204	315863	38.911	ng	100
62) 4-Nitroaniline	10.522	138	143326	40.695	ng	100
63) Azobenzene	10.663	77	625307	39.038	ng	100
65) 4,6-Dinitro-2-methylph...	10.557	198	89738	41.565	ng	100
66) n-Nitrosodiphenylamine	10.616	169	539955	39.686	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	197382	39.946	ng	100
68) Hexachlorobenzene	11.063	284	204335	38.899	ng	100
69) Atrazine	11.139	200	159131	39.987	ng	100
70) Pentachlorophenol	11.257	266	95543	40.967	ng	100
71) Phenanthrene	11.475	178	887025	39.146	ng	100
72) Anthracene	11.528	178	891035	38.933	ng	100
73) Carbazole	11.675	167	748842	38.687	ng	100
74) Di-n-butylphthalate	12.004	149	746153	38.710	ng	100
75) Fluoranthene	12.663	202	747356	37.119	ng	100
77) Benzidine	12.775	184	246322	40.043	ng	100
78) Pyrene	12.892	202	737731	39.060	ng	100
80) Butylbenzylphthalate	13.498	149	199307	42.604	ng	100
81) Benzo(a)anthracene	14.074	228	545178	39.407	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	170953	42.205	ng	100
83) Chrysene	14.110	228	518778	40.562	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	290451	43.719	ng	100
85) Di-n-octyl phthalate	14.669	149	578031	42.897	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	844235	39.863	ng	100
88) Benzo(b)fluoranthene	15.139	252	615448	40.661	ng	100
89) Benzo(k)fluoranthene	15.169	252	594473	39.820	ng	100
90) Benzo(a)pyrene	15.510	252	589150	40.866	ng	100
91) Dibenzo(a,h)anthracene	17.110	278	679495	39.953	ng	100
92) Benzo(g,h,i)perylene	17.551	276	681509	40.113	ng	100

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

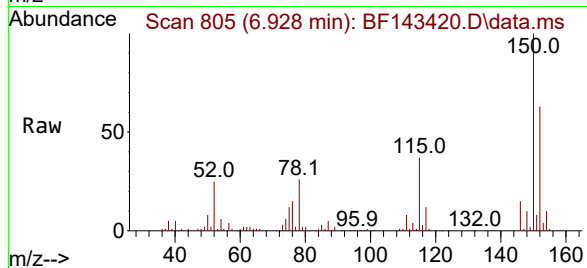
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BNA_F
ClientSampleId :
SSTDICCC040

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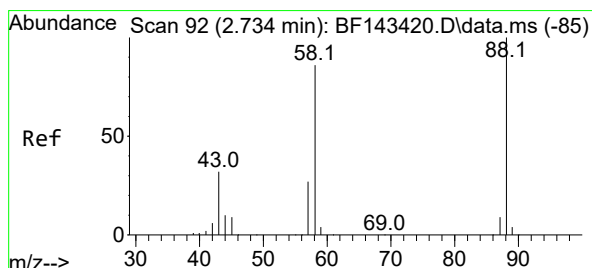
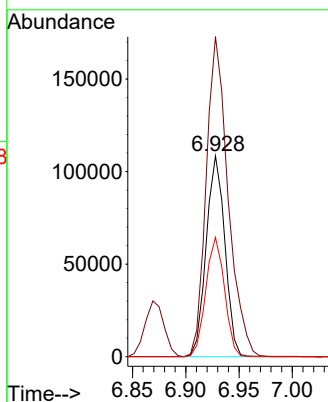
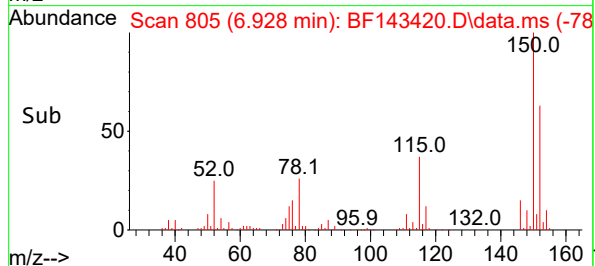


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

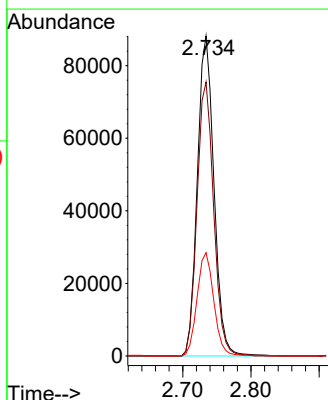
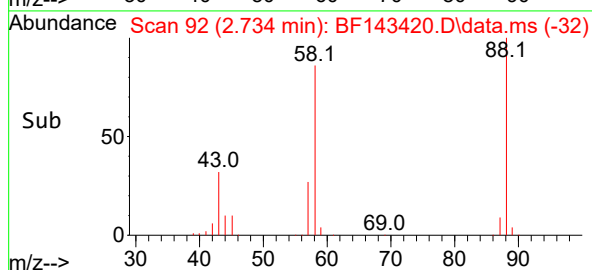
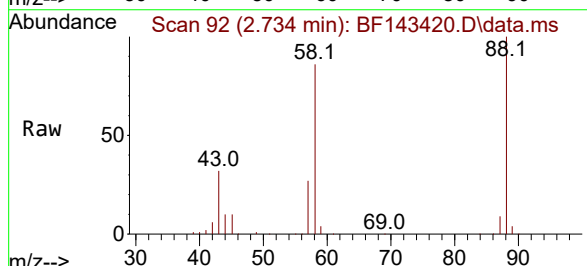


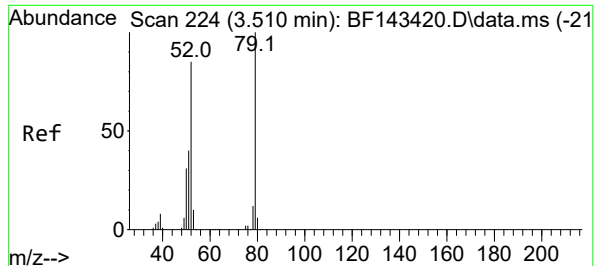
Tgt Ion:152 Resp: 132257
Ion Ratio Lower Upper
152 100
150 159.3 127.4 191.2
115 59.4 47.5 71.3



#2
1,4-Dioxane
Concen: 40.765 ng
RT: 2.734 min Scan# 92
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion: 88 Resp: 149291
Ion Ratio Lower Upper
88 100
58 85.9 68.7 103.1
43 32.6 26.1 39.1





#3

Pyridine

Concen: 40.960 ng

RT: 3.510 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143420.D

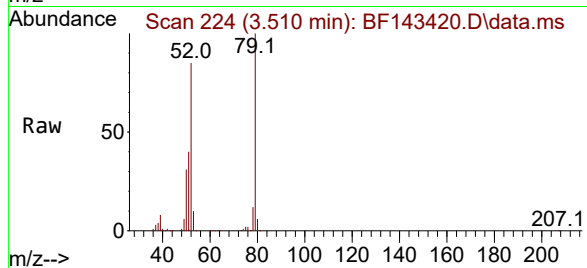
Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

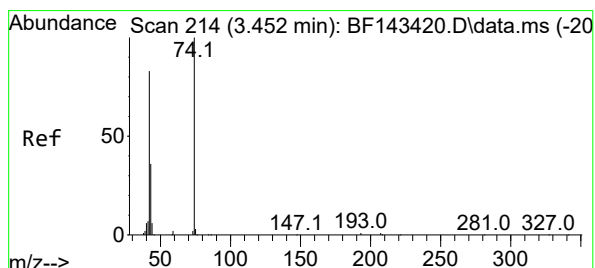
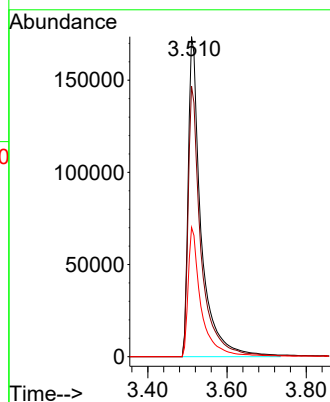
ClientSampleId :

SSTDICCC040



Tgt Ion: 79 Resp: 393429

Ion	Ratio	Lower	Upper
79	100		
52	84.6	67.7	101.5
51	40.4	32.3	48.5



#4

n-Nitrosodimethylamine

Concen: 40.318 ng

RT: 3.452 min Scan# 214

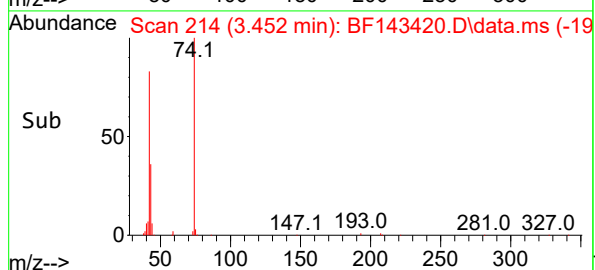
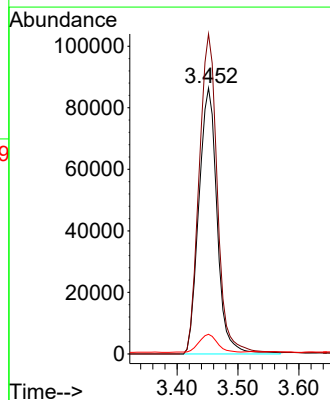
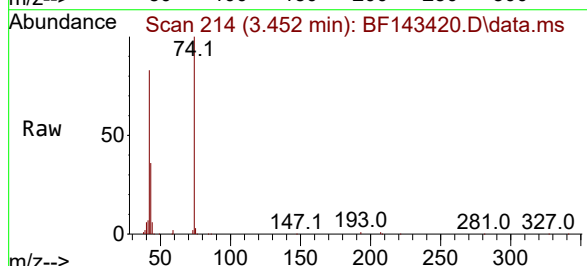
Delta R.T. 0.000 min

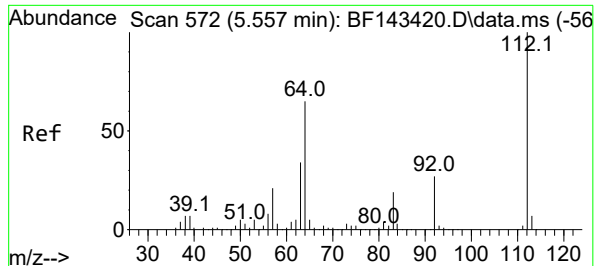
Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Tgt Ion: 42 Resp: 180000

Ion	Ratio	Lower	Upper
42	100		
74	120.3	96.2	144.4
44	7.4	5.9	8.9

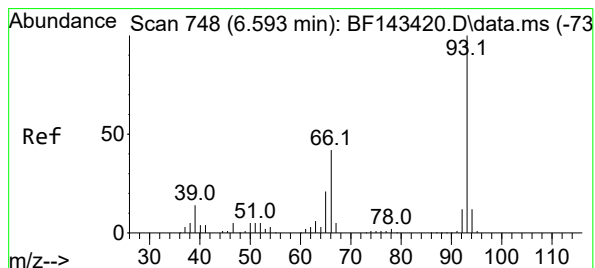
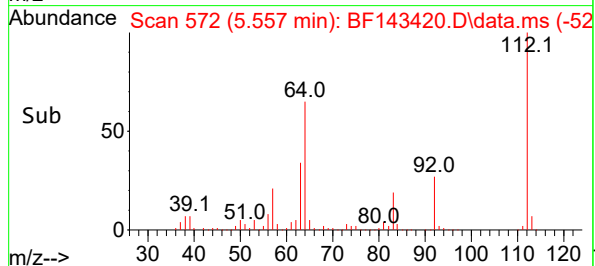
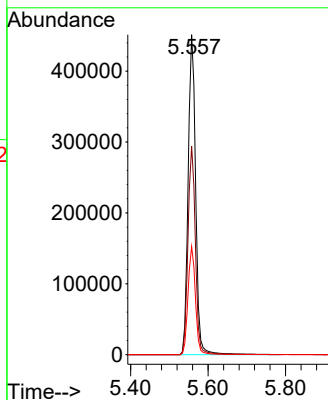
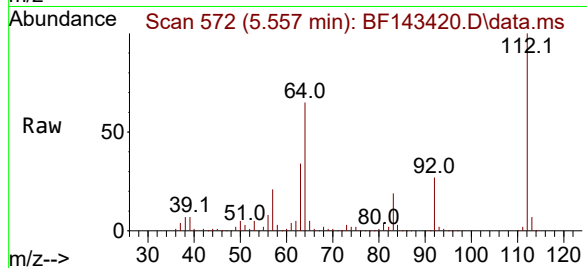




#5
2-Fluorophenol
Concen: 79.773 ng
RT: 5.557 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

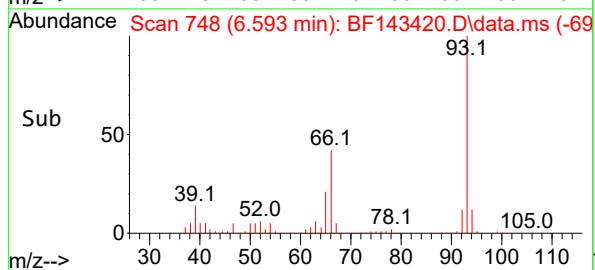
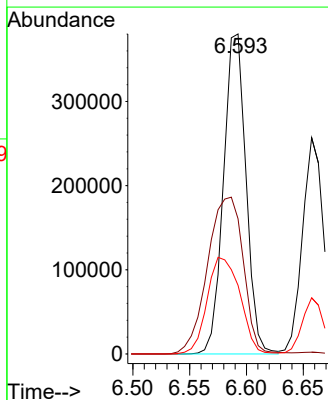
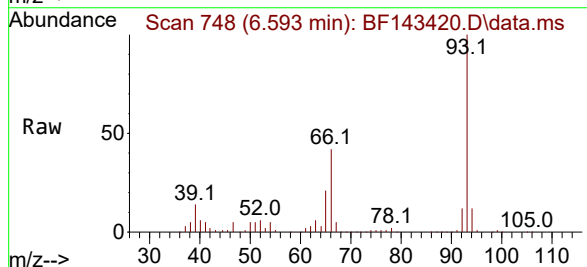
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

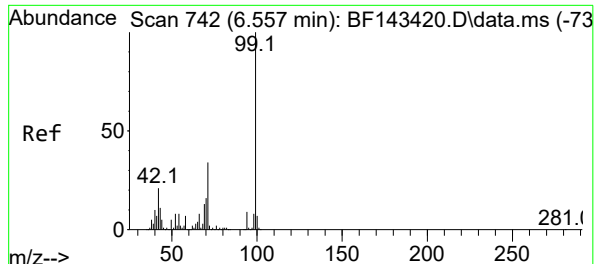
Tgt Ion:112 Resp: 606940
Ion Ratio Lower Upper
112 100
64 65.2 52.2 78.2
63 33.8 27.0 40.6



#6
Aniline
Concen: 40.324 ng
RT: 6.593 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion: 93 Resp: 524888
Ion Ratio Lower Upper
93 100
66 42.3 33.8 50.8
65 21.5 17.2 25.8

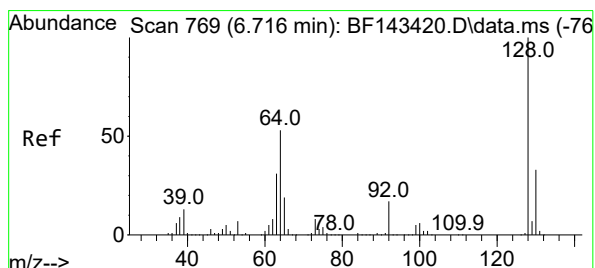
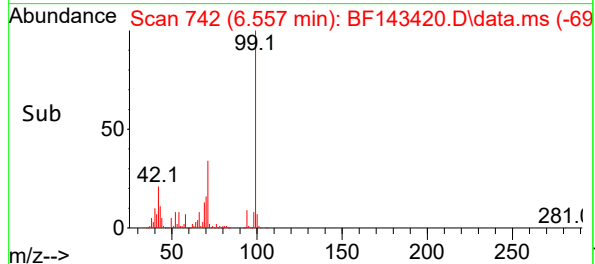
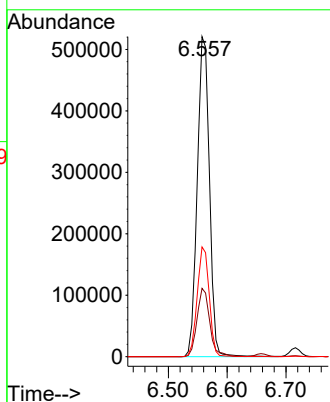
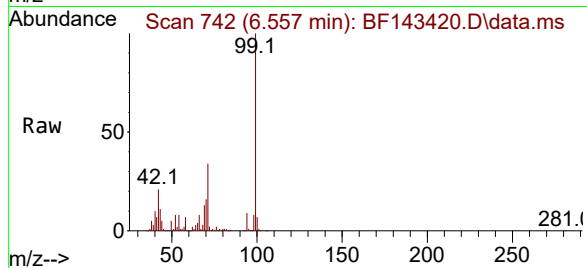




#7
Phenol-d6
Concen: 78.010 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

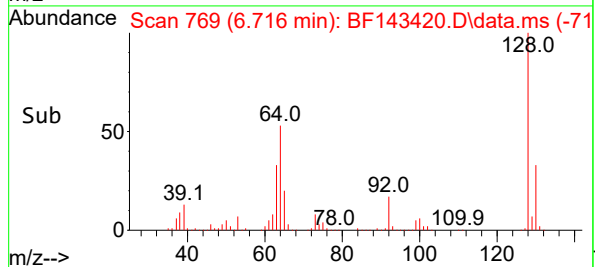
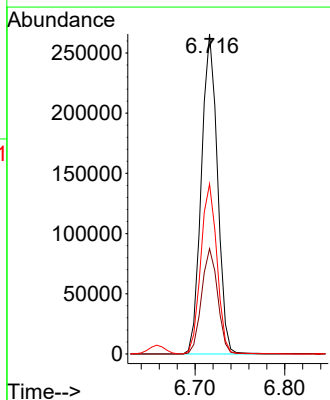
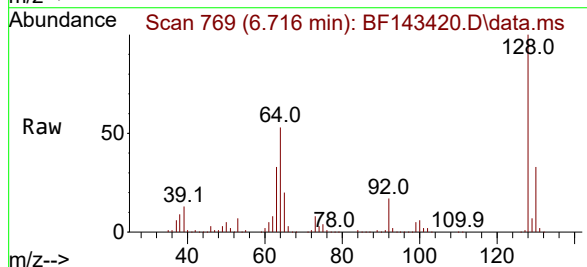
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

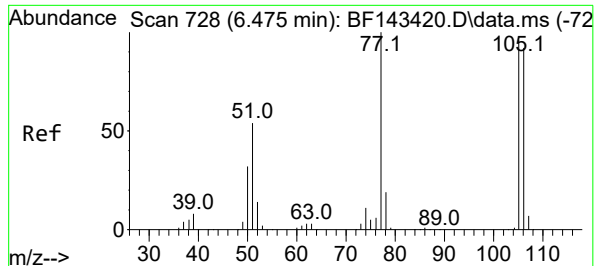
Tgt Ion: 99 Resp: 747976
Ion Ratio Lower Upper
99 100
42 21.3 17.0 25.6
71 34.3 27.4 41.2



#8
2-Chlorophenol
Concen: 39.421 ng
RT: 6.716 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion: 128 Resp: 331125
Ion Ratio Lower Upper
128 100
130 32.9 12.9 52.9
64 53.1 33.1 73.1





#9

Benzaldehyde

Concen: 38.074 ng

RT: 6.475 min Scan# 728

Delta R.T. -0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

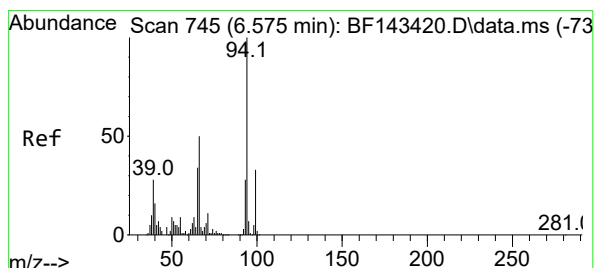
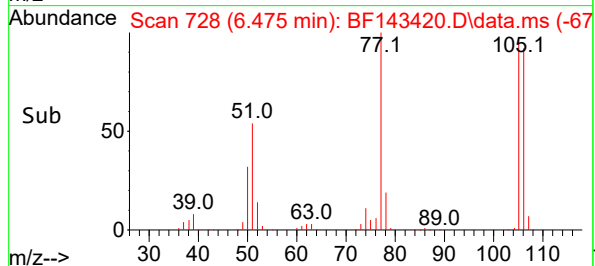
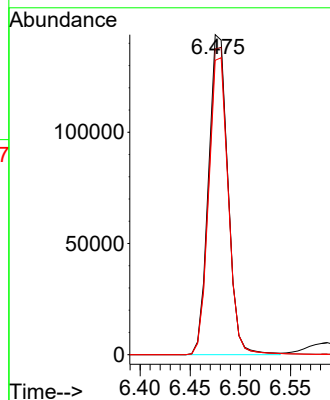
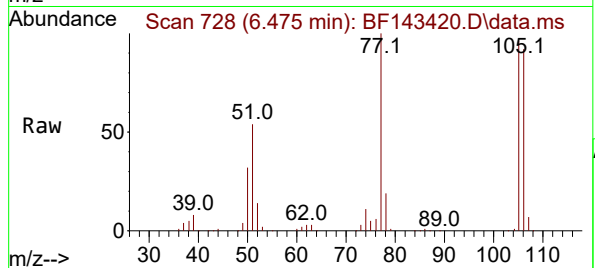
Tgt Ion: 77 Resp: 194204

Ion Ratio Lower Upper

77 100

105 95.5 75.5 115.5

106 92.0 72.0 112.0



#10

Phenol

Concen: 40.134 ng

RT: 6.575 min Scan# 745

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

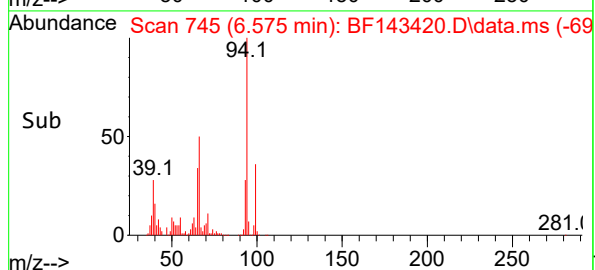
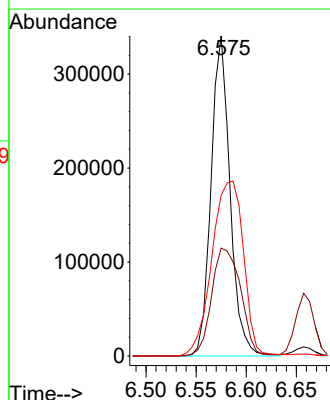
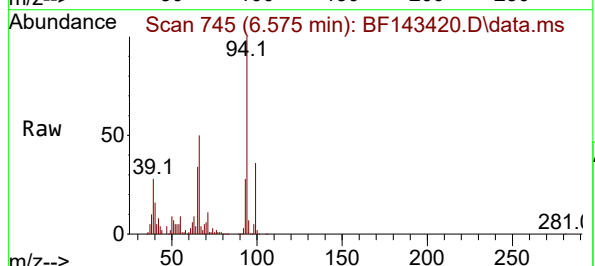
Tgt Ion: 94 Resp: 449047

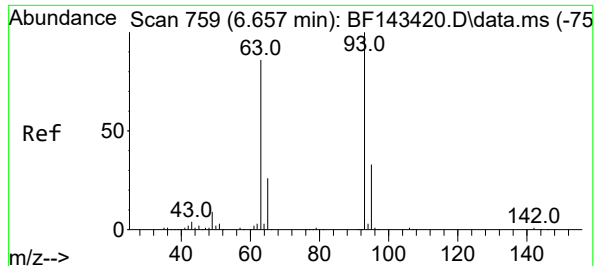
Ion Ratio Lower Upper

94 100

65 33.7 13.7 53.7

66 50.3 30.3 70.3





#11

bis(2-Chloroethyl)ether

Concen: 39.428 ng

RT: 6.657 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

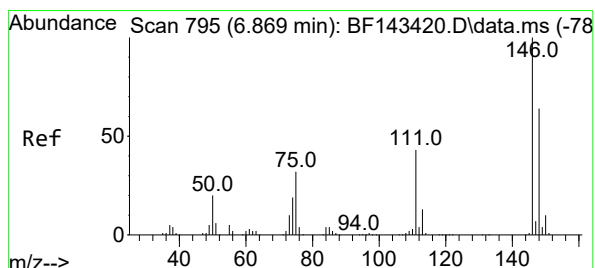
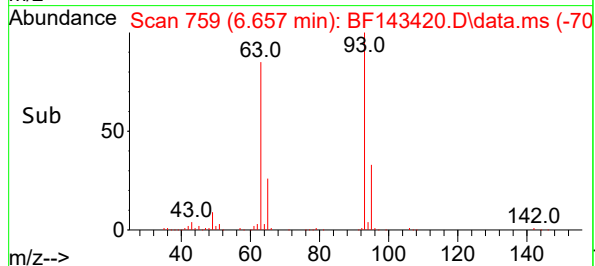
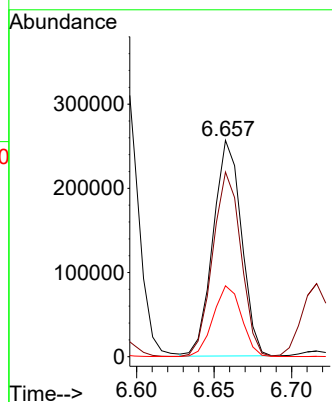
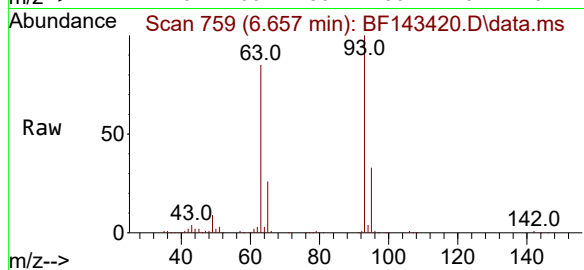
Tgt Ion: 93 Resp: 327002

Ion Ratio Lower Upper

93 100

63 85.4 65.4 105.4

95 32.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.224 ng

RT: 6.869 min Scan# 795

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

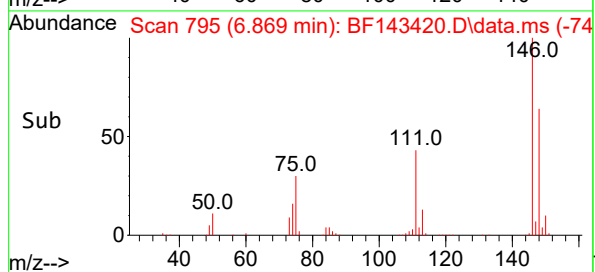
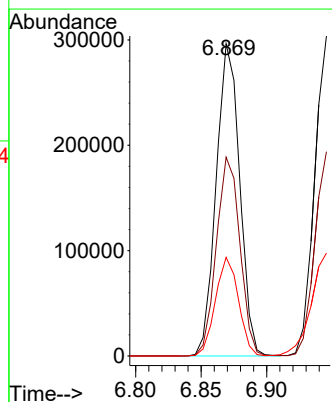
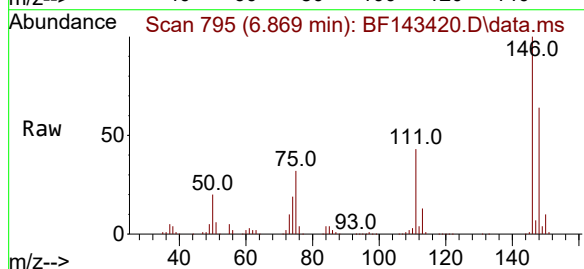
Tgt Ion: 146 Resp: 369069

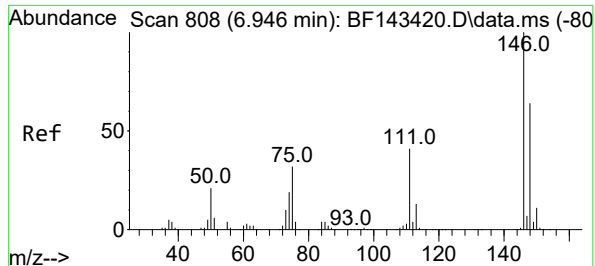
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

75 31.6 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 39.334 ng

RT: 6.946 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

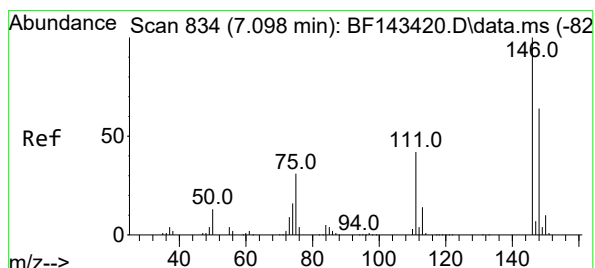
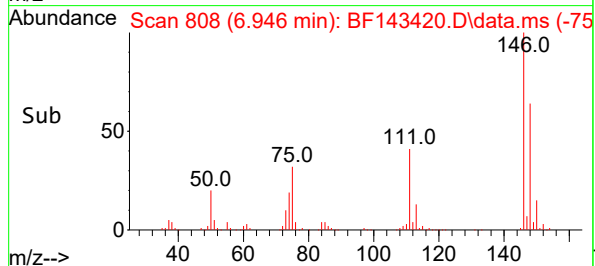
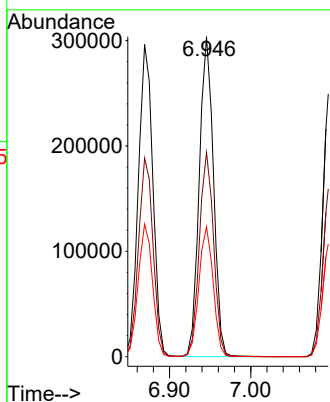
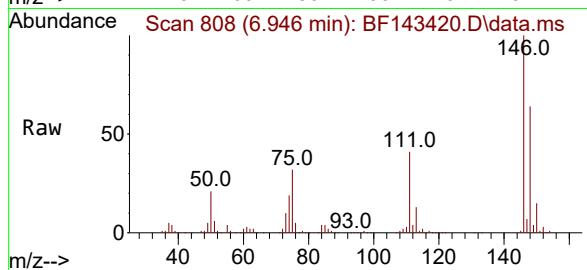
Tgt Ion:146 Resp: 369492

Ion Ratio Lower Upper

146 100

148 63.9 51.1 76.7

111 40.6 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 39.068 ng

RT: 7.098 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

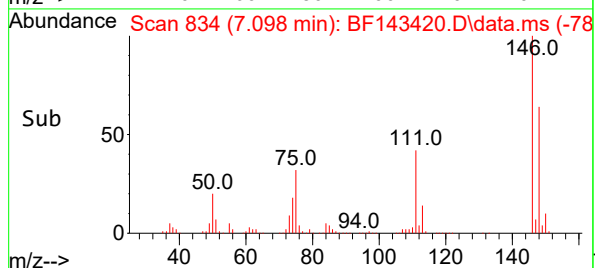
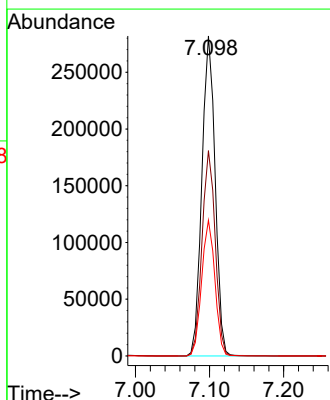
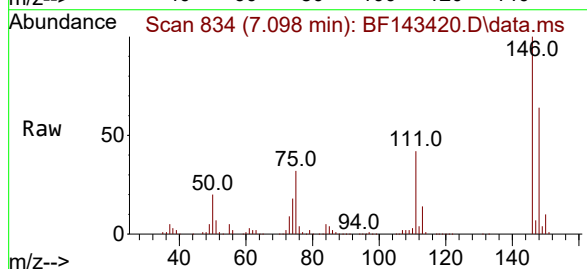
Tgt Ion:146 Resp: 350532

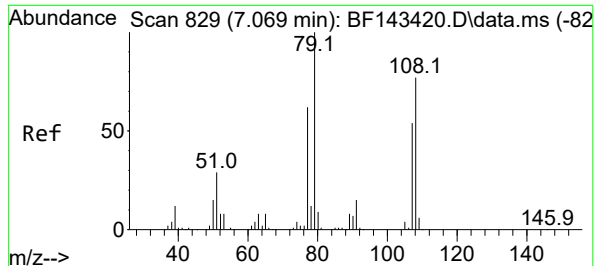
Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

111 42.4 33.9 50.9

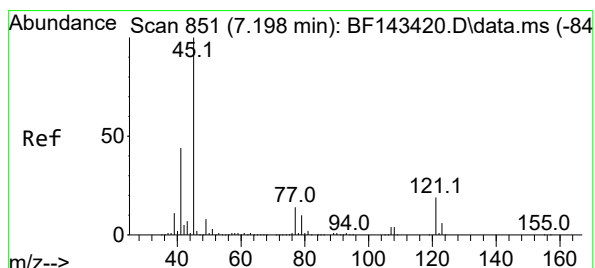
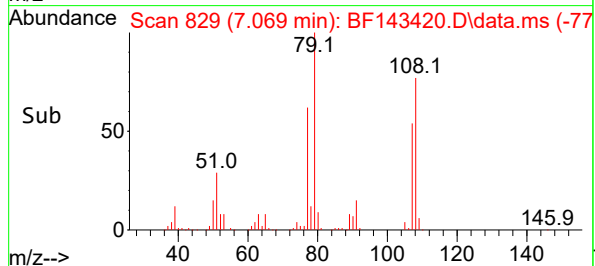
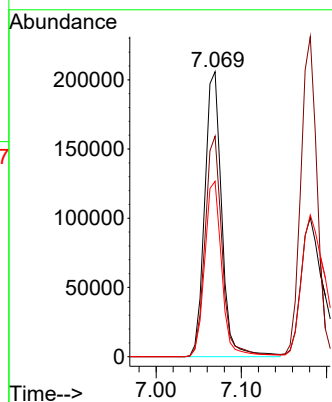
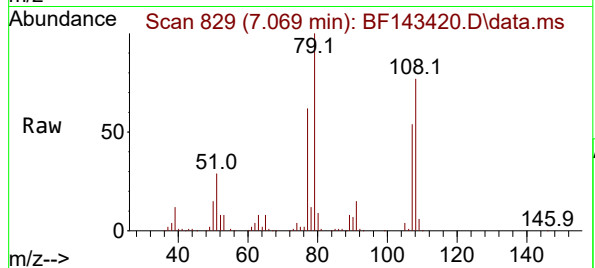




#15
Benzyl Alcohol
Concen: 40.372 ng
RT: 7.069 min Scan# 829
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

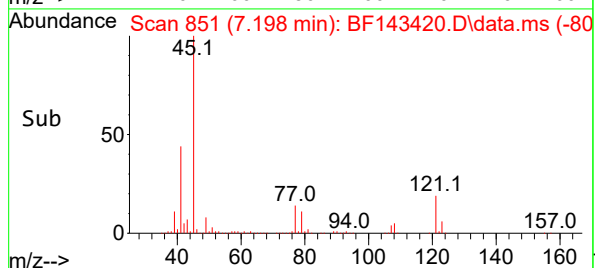
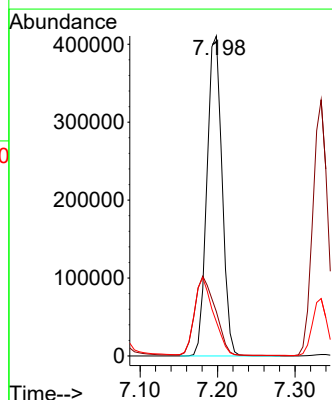
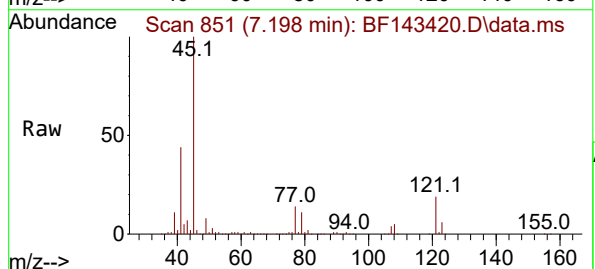
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

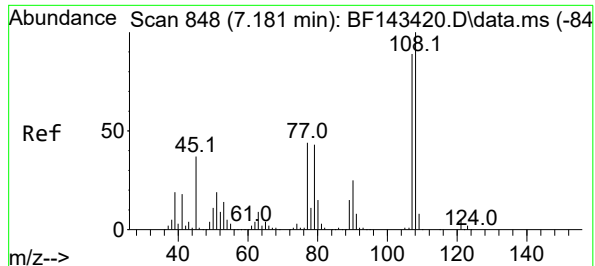
Tgt Ion: 79 Resp: 285470
Ion Ratio Lower Upper
79 100
108 77.4 61.9 92.9
77 61.5 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.105 ng
RT: 7.198 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion: 45 Resp: 554459
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.9
79 10.7 0.0 30.7

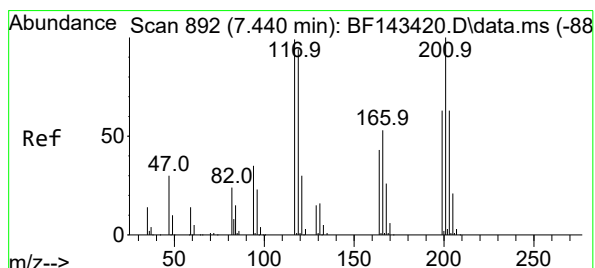
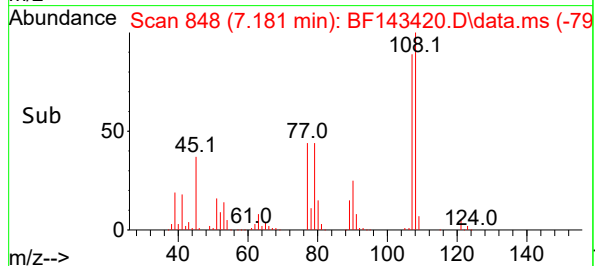
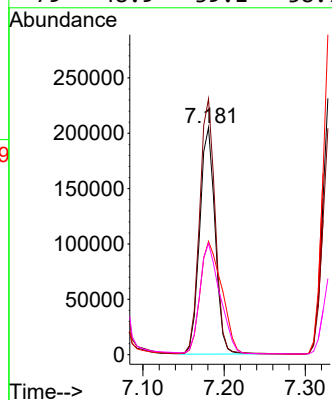
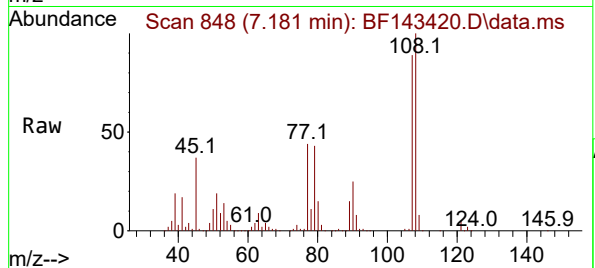




#17
2-Methylphenol
Concen: 39.543 ng
RT: 7.181 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

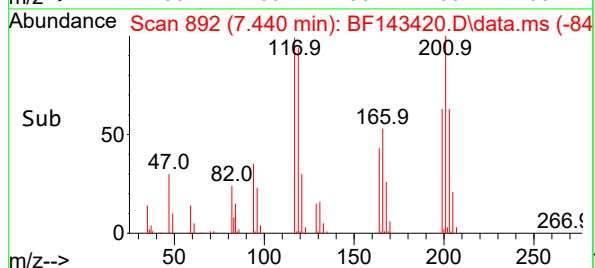
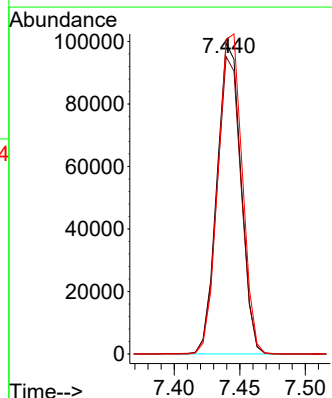
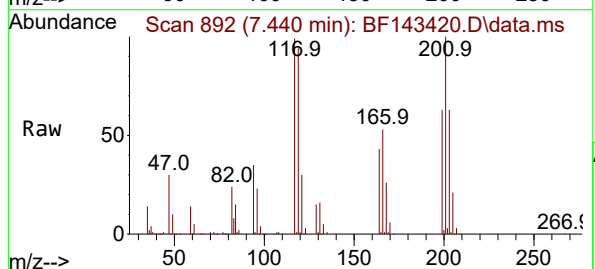
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

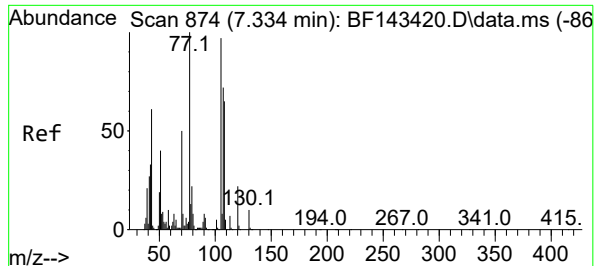
Tgt Ion:	107	Resp:	271001
Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.1	135.1
77	49.9	39.9	59.9
79	48.9	39.1	58.7



#18
Hexachloroethane
Concen: 39.521 ng
RT: 7.440 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:	117	Resp:	126367
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.6	114.8
201	101.2	81.0	121.4





#19

n-Nitroso-di-n-propylamine

Concen: 38.472 ng

RT: 7.334 min Scan# 874

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 228365

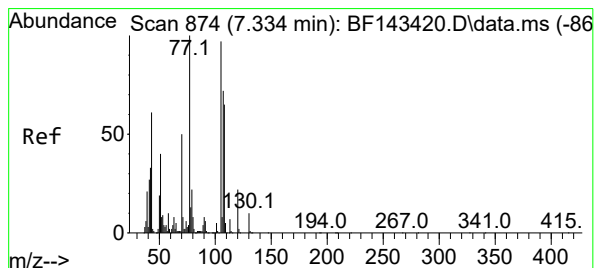
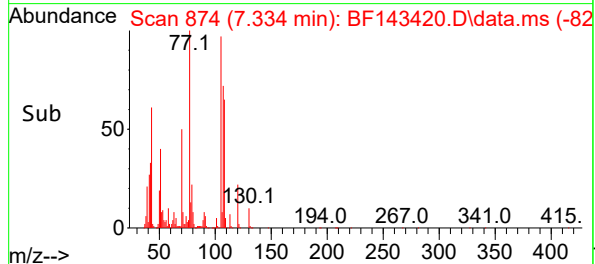
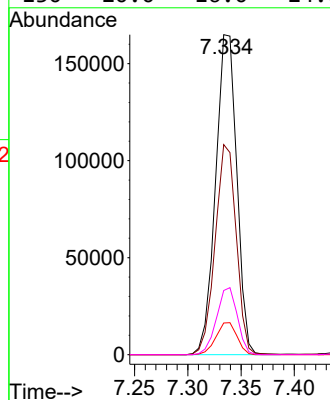
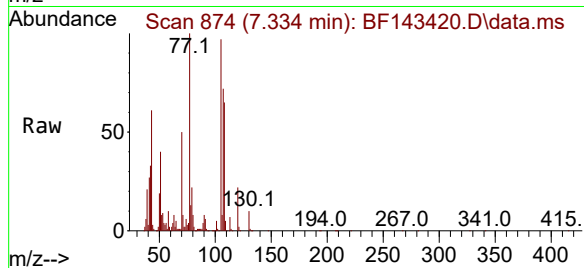
Ion Ratio Lower Upper

70 100

42 65.6 52.5 78.7

101 9.9 7.9 11.9

130 20.0 16.0 24.0



#20

3+4-Methylphenols

Concen: 40.072 ng

RT: 7.334 min Scan# 874

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Tgt Ion: 107 Resp: 328370

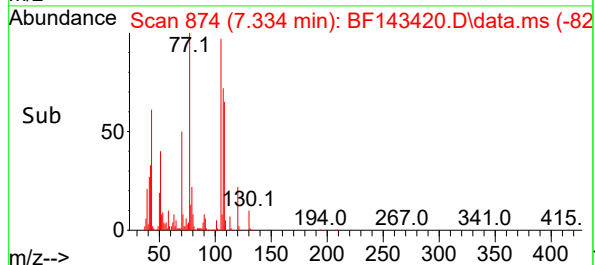
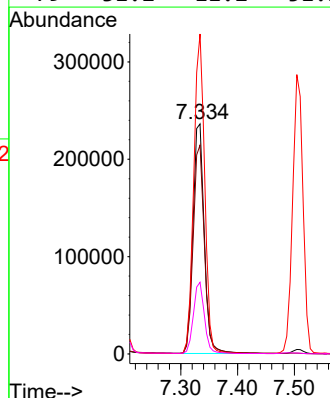
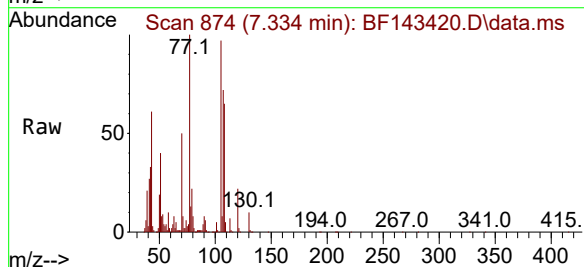
Ion Ratio Lower Upper

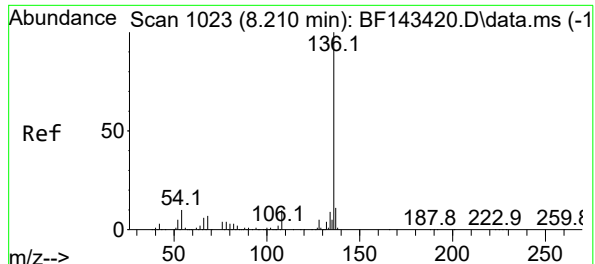
107 100

108 90.8 70.8 110.8

77 139.1 119.1 159.1

79 31.2 11.2 51.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 505729

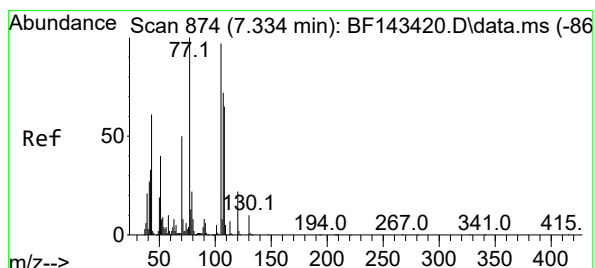
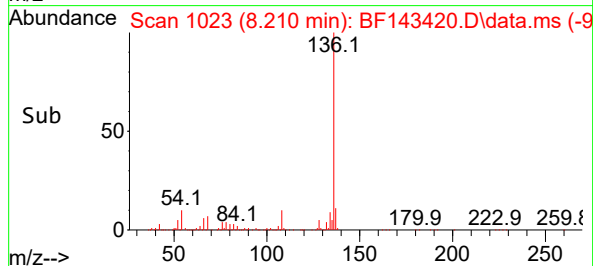
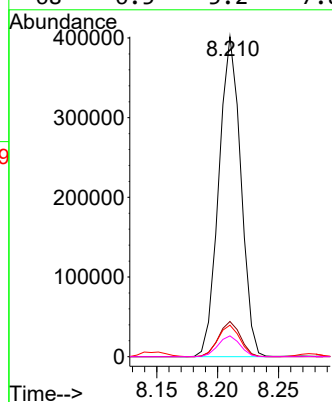
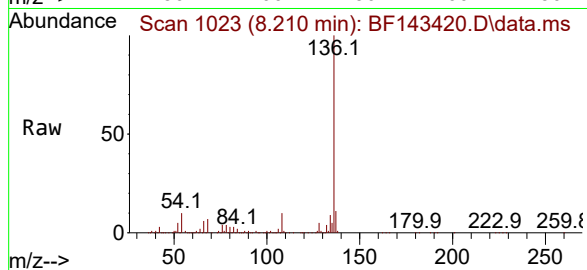
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.8 7.8 11.8

68 6.5 5.2 7.8



#22

Acetophenone

Concen: 38.931 ng

RT: 7.334 min Scan# 874

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Tgt Ion:105 Resp: 423320

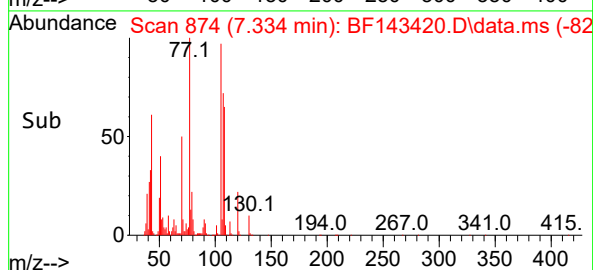
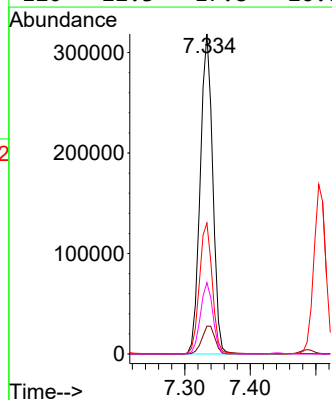
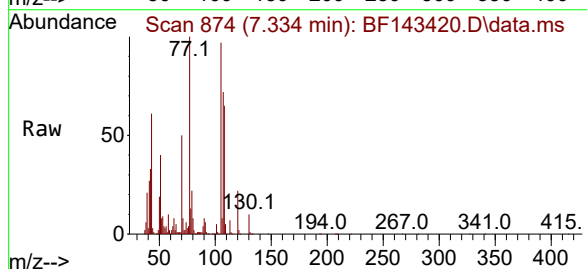
Ion Ratio Lower Upper

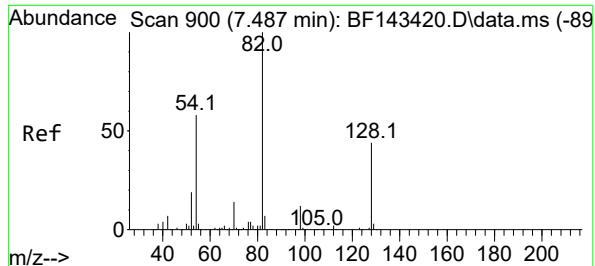
105 100

71 8.7 7.0 10.4

51 40.9 32.7 49.1

120 22.3 17.8 26.8





#23

Nitrobenzene-d5

Concen: 80.398 ng

RT: 7.487 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

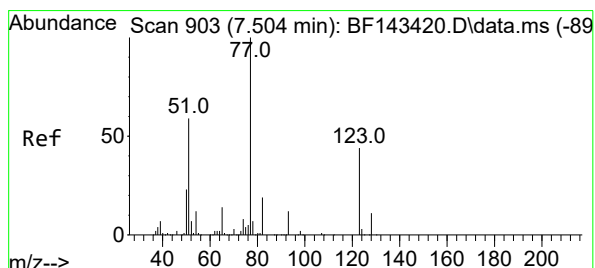
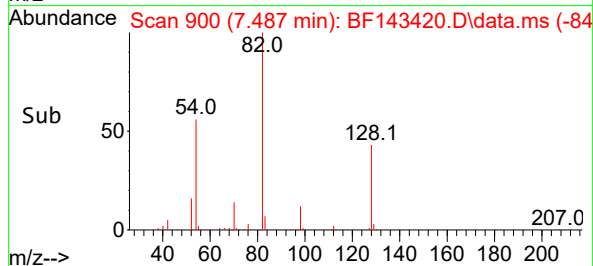
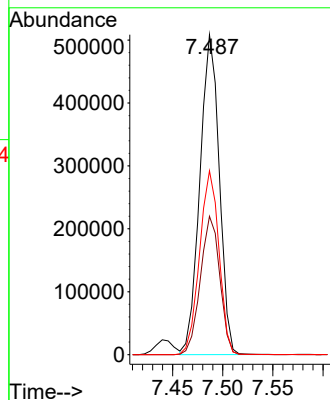
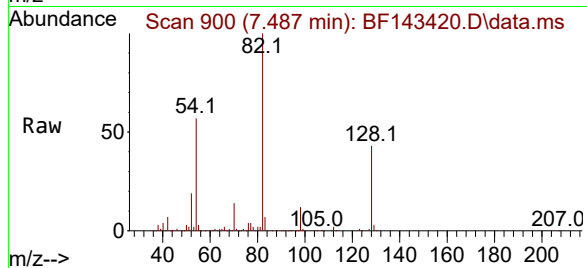
Tgt Ion: 82 Resp: 685209

Ion Ratio Lower Upper

82 100

128 43.3 34.6 52.0

54 57.5 46.0 69.0



#24

Nitrobenzene

Concen: 40.556 ng

RT: 7.504 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

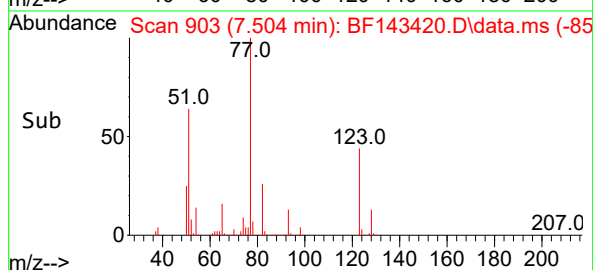
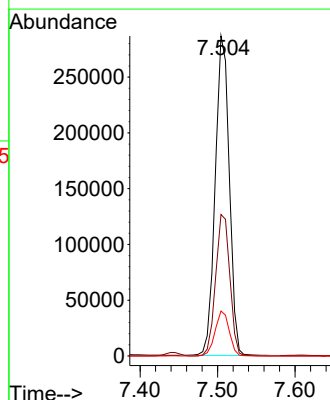
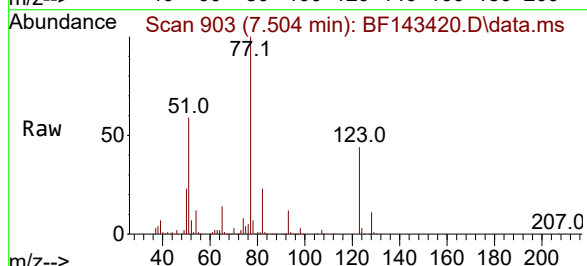
Tgt Ion: 77 Resp: 361256

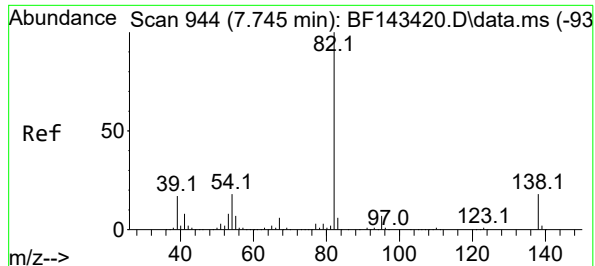
Ion Ratio Lower Upper

77 100

123 44.2 35.4 53.0

65 14.0 11.2 16.8





#25

Isophorone

Concen: 39.312 ng

RT: 7.745 min Scan# 944

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

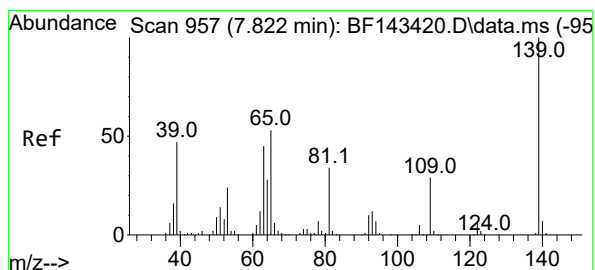
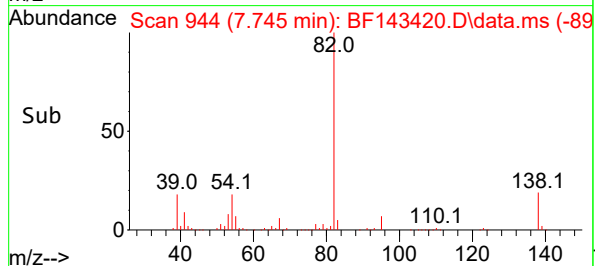
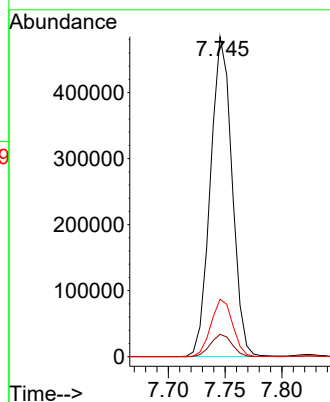
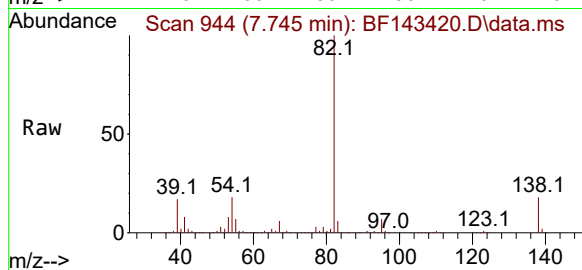
Tgt Ion: 82 Resp: 641248

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 17.9 14.3 21.5



#26

2-Nitrophenol

Concen: 41.530 ng

RT: 7.822 min Scan# 957

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

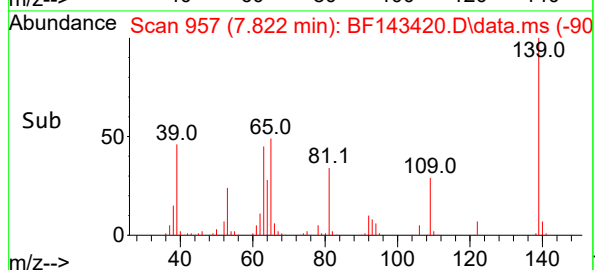
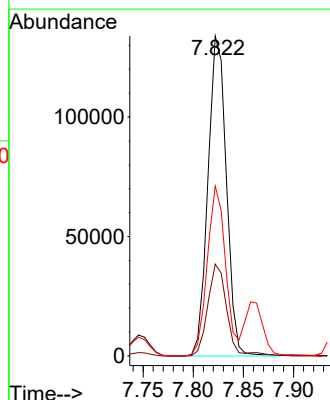
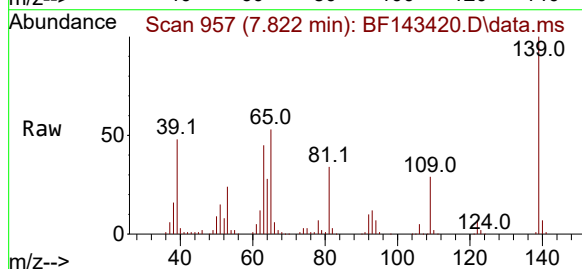
Tgt Ion: 139 Resp: 171491

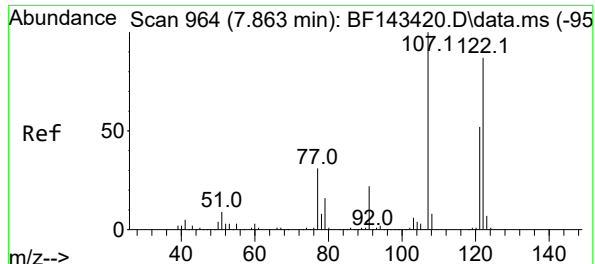
Ion Ratio Lower Upper

139 100

109 28.7 23.0 34.4

65 53.1 42.5 63.7





#27

2,4-Dimethylphenol

Concen: 39.043 ng

RT: 7.863 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

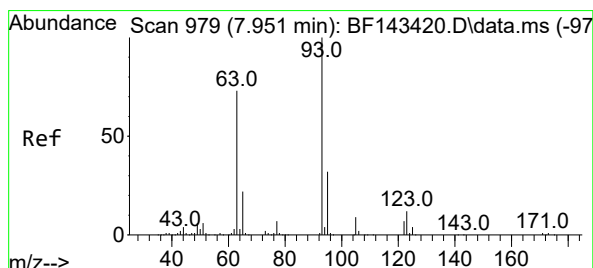
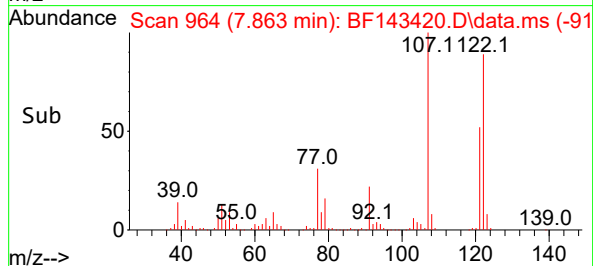
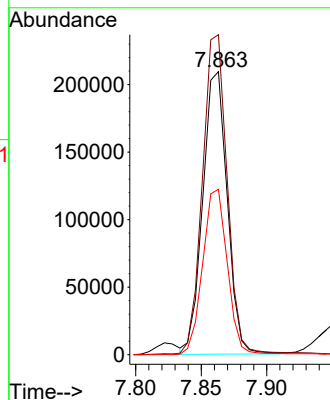
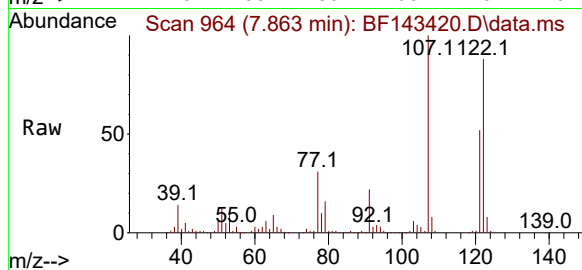
Tgt Ion:122 Resp: 272589

Ion Ratio Lower Upper

122 100

107 113.0 90.4 135.6

121 58.4 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 39.324 ng

RT: 7.951 min Scan# 979

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

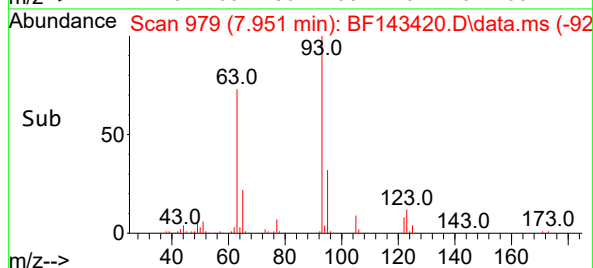
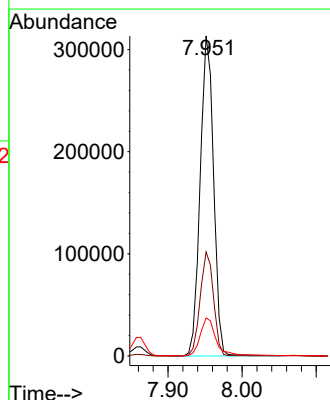
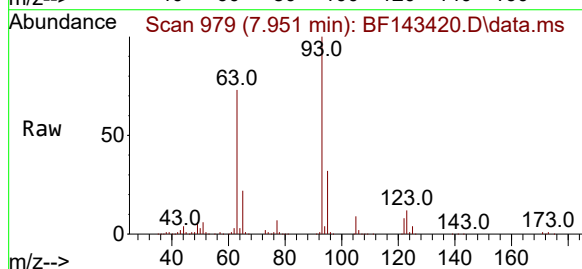
Tgt Ion: 93 Resp: 394269

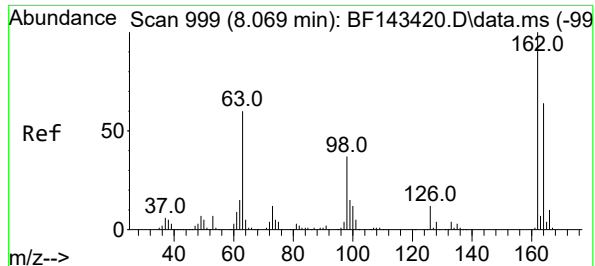
Ion Ratio Lower Upper

93 100

95 32.5 26.0 39.0

123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 39.990 ng

RT: 8.069 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

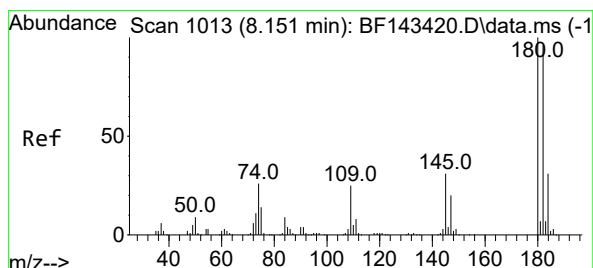
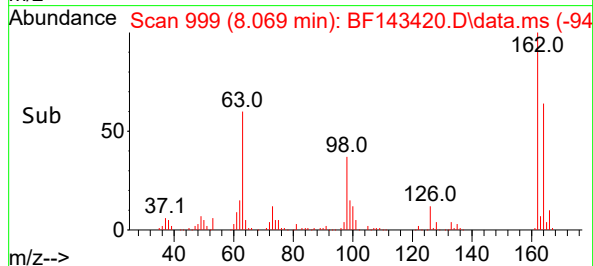
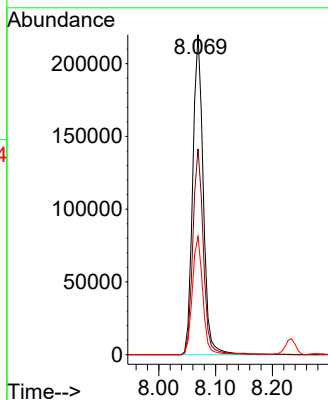
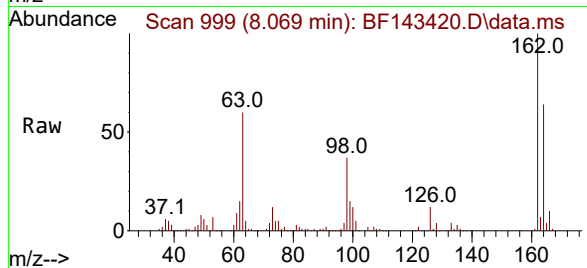
Tgt Ion:162 Resp: 284618

Ion Ratio Lower Upper

162 100

164 64.3 44.3 84.3

98 36.9 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 39.312 ng

RT: 8.151 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

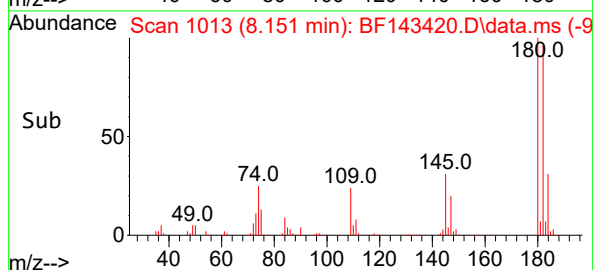
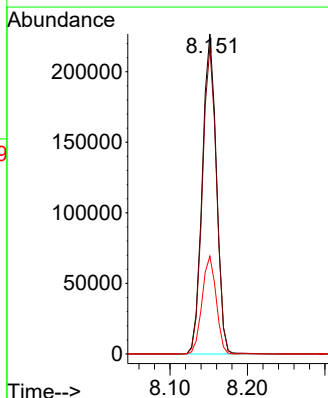
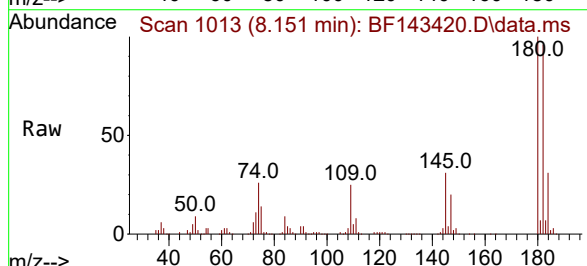
Tgt Ion:180 Resp: 286685

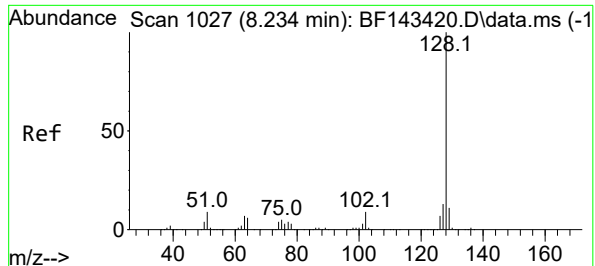
Ion Ratio Lower Upper

180 100

182 95.9 76.7 115.1

145 30.6 24.5 36.7





#31

Naphthalene

Concen: 39.623 ng

RT: 8.234 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

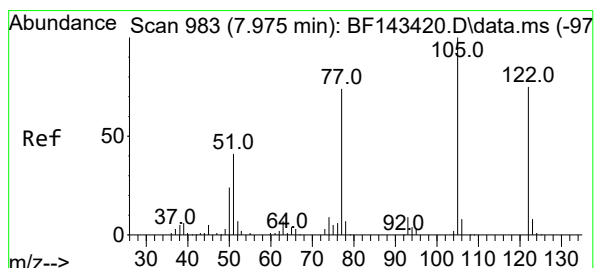
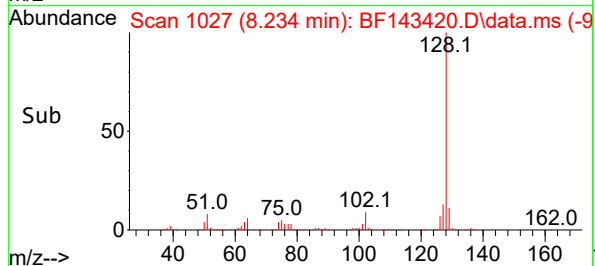
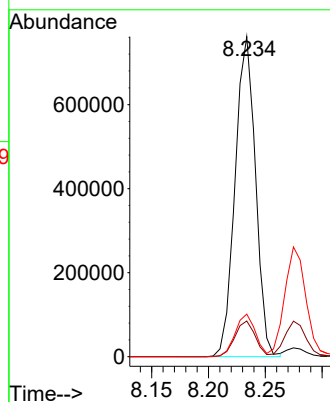
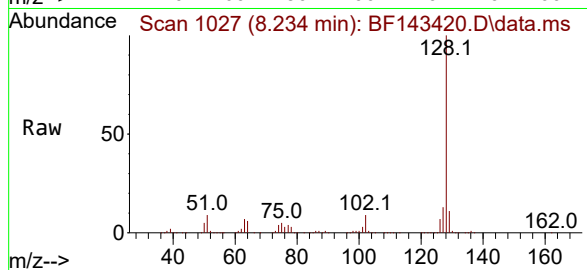
Tgt Ion:128 Resp: 951330

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 39.956 ng

RT: 7.975 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

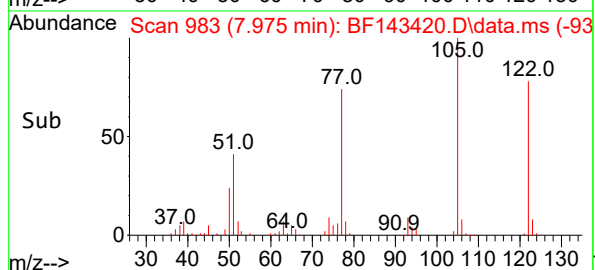
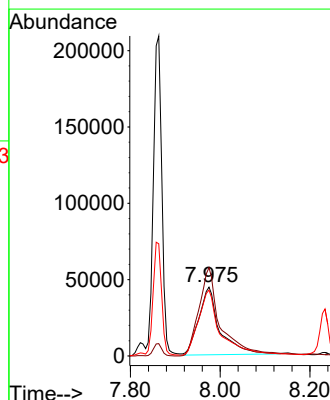
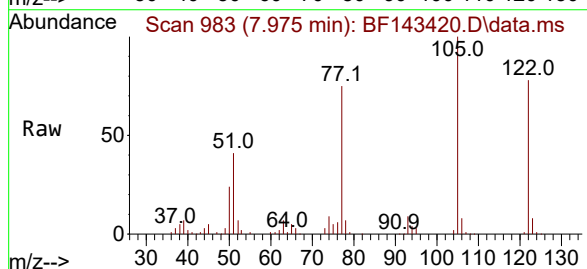
Tgt Ion:122 Resp: 144395

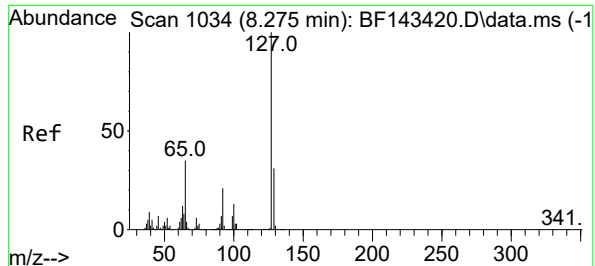
Ion Ratio Lower Upper

122 100

105 128.4 108.4 148.4

77 95.9 75.9 115.9





#33

4-Chloroaniline

Concen: 40.155 ng

RT: 8.275 min Scan# 1034

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 348006

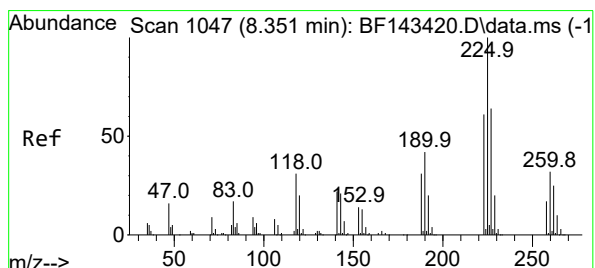
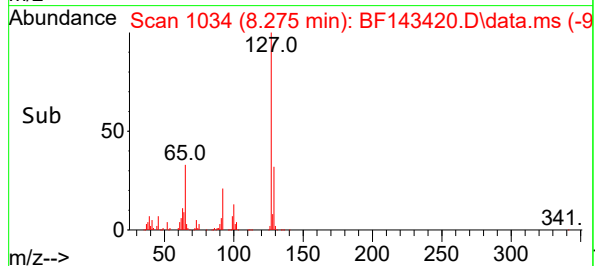
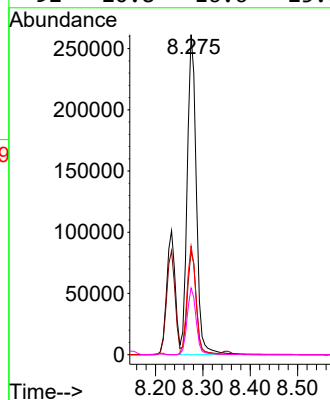
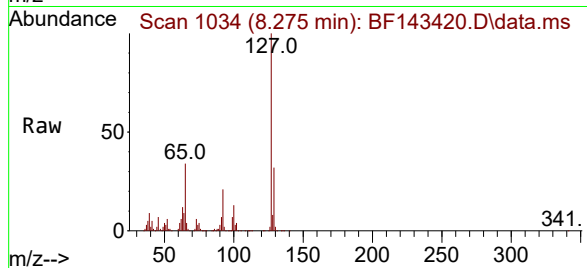
Ion Ratio Lower Upper

127 100

129 32.3 25.8 38.8

65 34.0 27.2 40.8

92 20.8 16.6 25.0



#34

Hexachlorobutadiene

Concen: 39.924 ng

RT: 8.351 min Scan# 1047

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

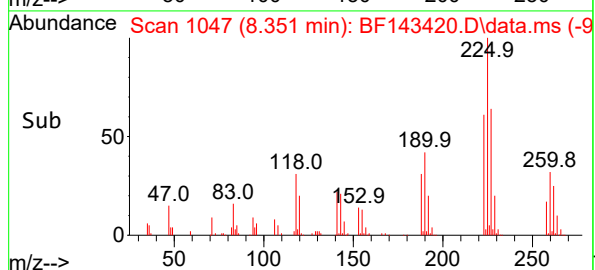
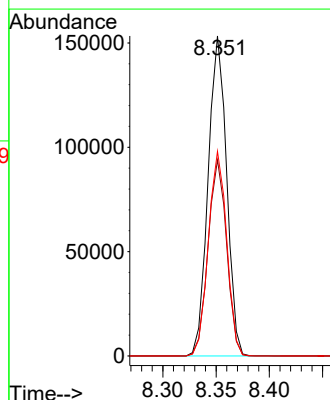
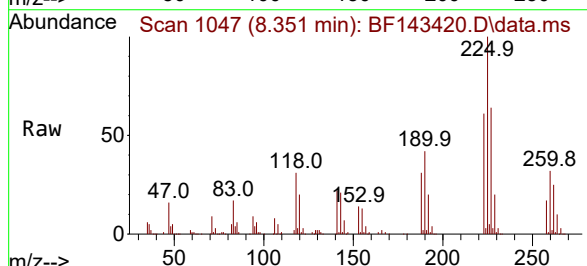
Tgt Ion:225 Resp: 185656

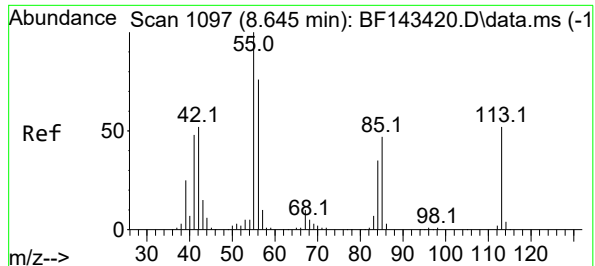
Ion Ratio Lower Upper

225 100

223 61.3 49.0 73.6

227 63.9 51.1 76.7





#35

Caprolactam

Concen: 39.584 ng

RT: 8.645 min Scan# 1097

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

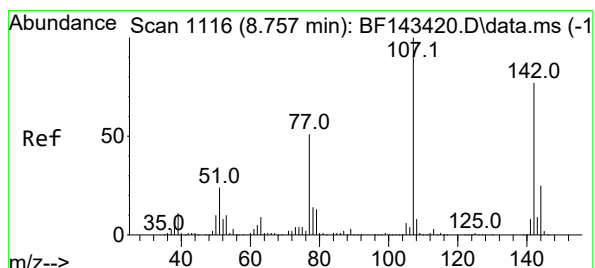
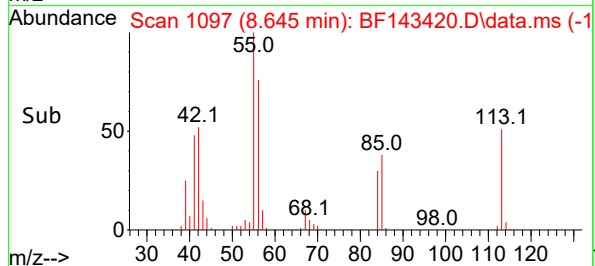
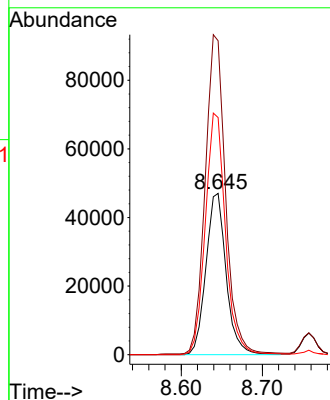
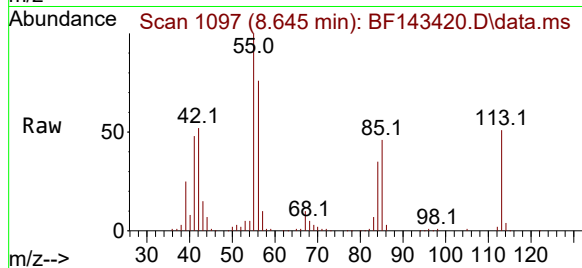
Tgt Ion:113 Resp: 81112

Ion Ratio Lower Upper

113 100

55 194.7 174.7 214.7

56 147.0 127.0 167.0



#36

4-Chloro-3-methylphenol

Concen: 39.809 ng

RT: 8.757 min Scan# 1116

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

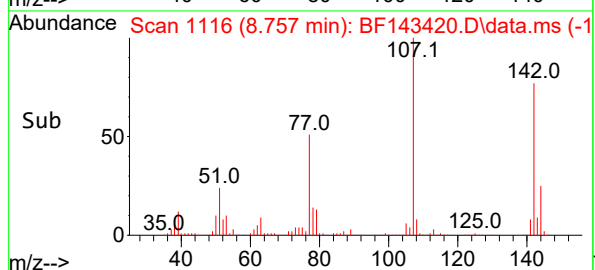
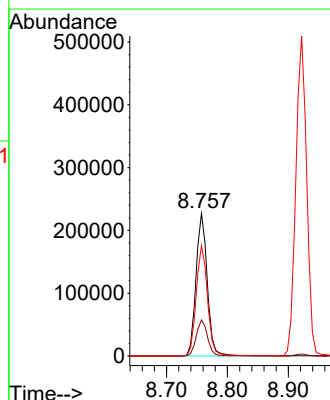
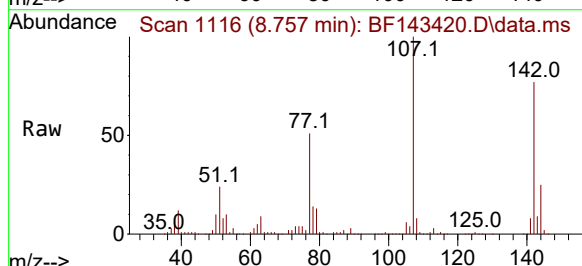
Tgt Ion:107 Resp: 291801

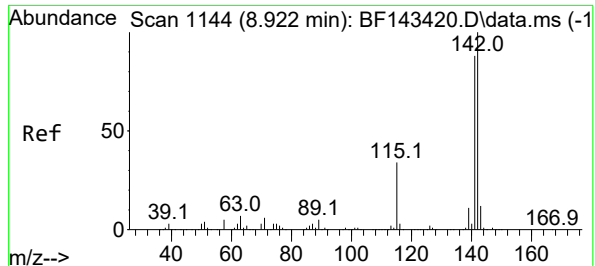
Ion Ratio Lower Upper

107 100

144 25.2 20.2 30.2

142 77.5 62.0 93.0

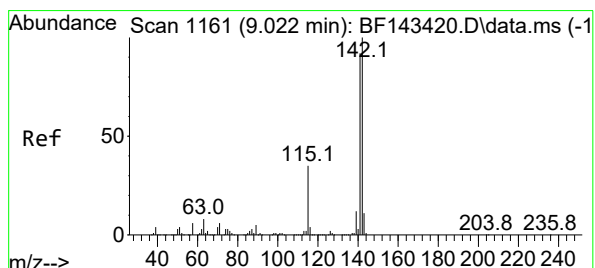
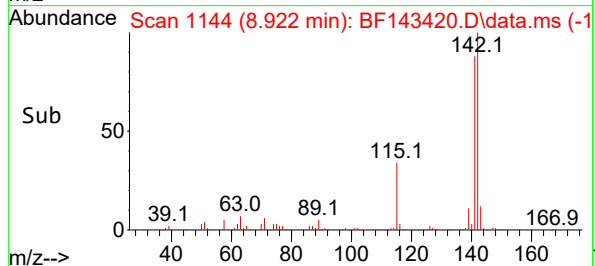
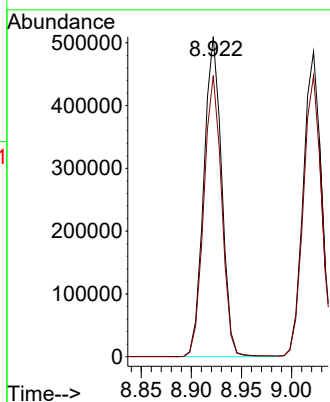
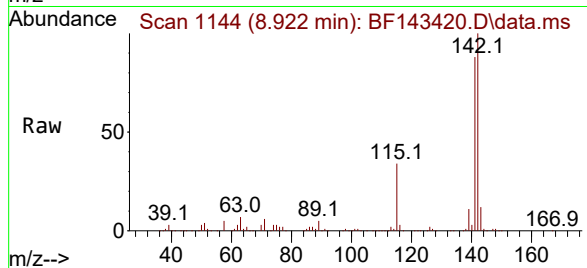




#37
2-Methylnaphthalene
Concen: 39.038 ng
RT: 8.922 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

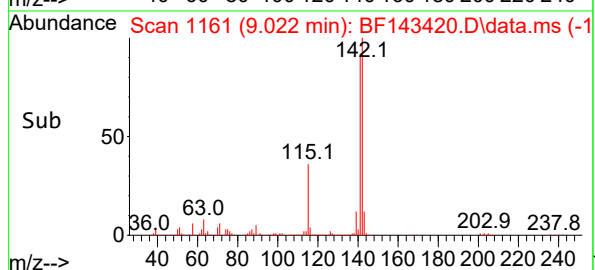
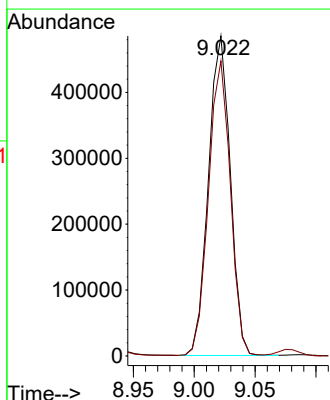
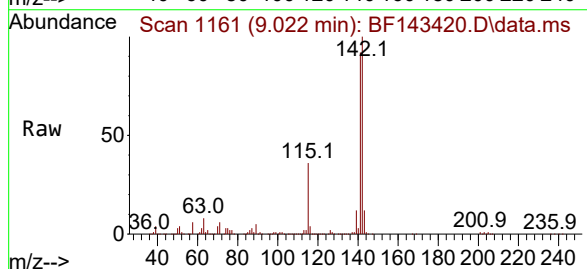
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

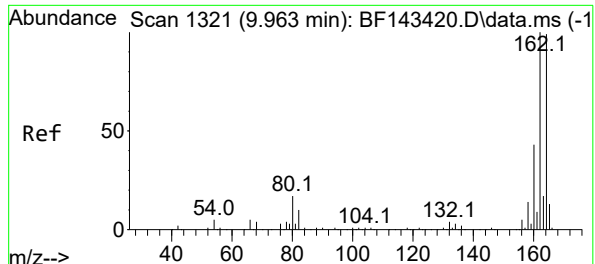
Tgt Ion:142 Resp: 631789
Ion Ratio Lower Upper
142 100
141 87.9 70.3 105.5



#38
1-Methylnaphthalene
Concen: 38.959 ng
RT: 9.022 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:142 Resp: 604084
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

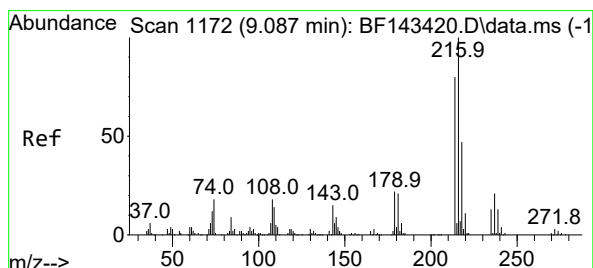
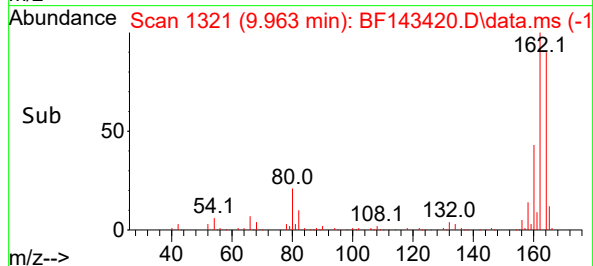
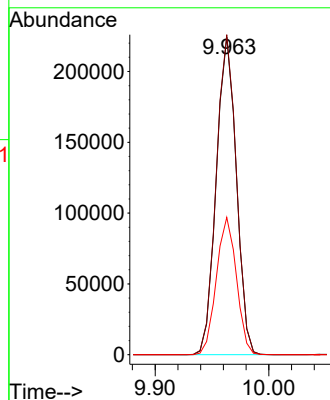
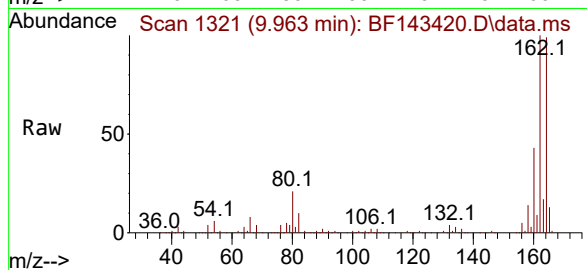
Tgt Ion:164 Resp: 275083

Ion Ratio Lower Upper

164 100

162 100.8 80.6 121.0

160 43.2 34.6 51.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.357 ng

RT: 9.087 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Tgt Ion:216 Resp: 301932

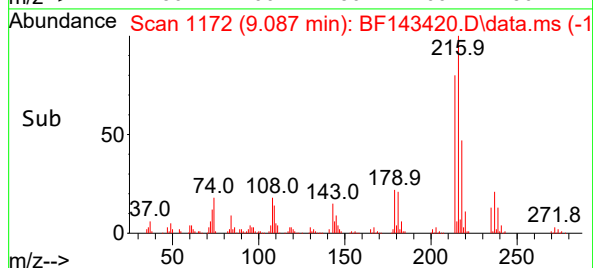
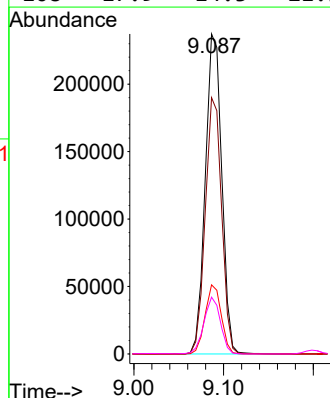
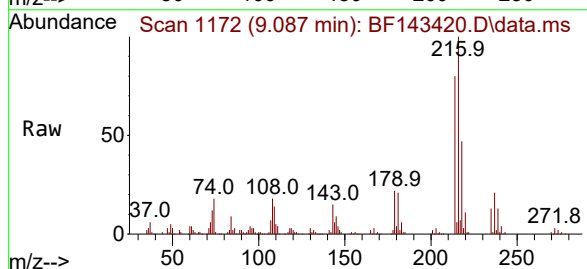
Ion Ratio Lower Upper

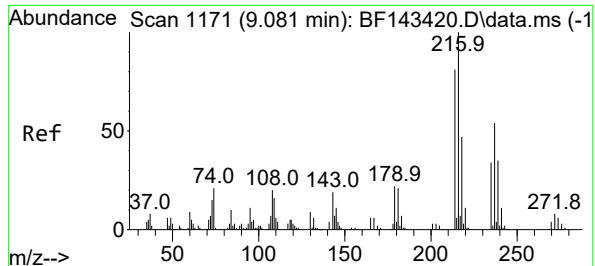
216 100

214 79.6 63.7 95.5

179 21.2 17.0 25.4

108 17.9 14.3 21.5

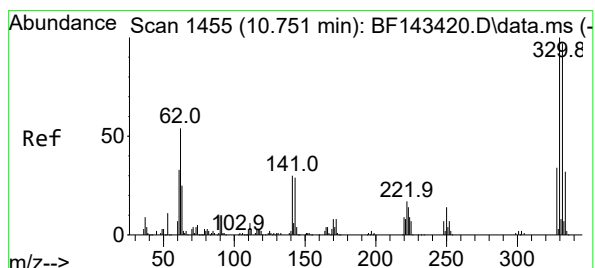
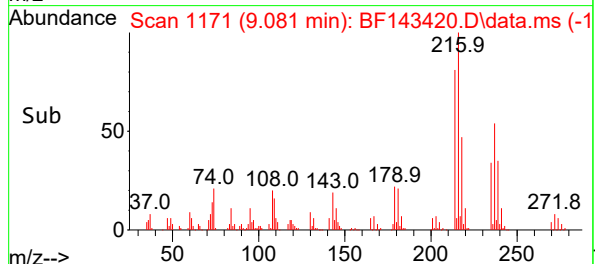
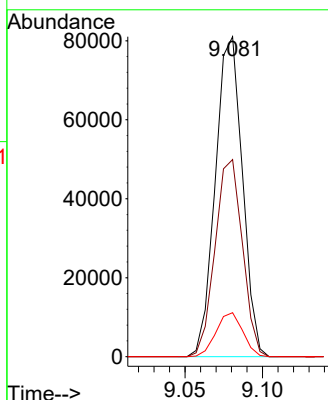
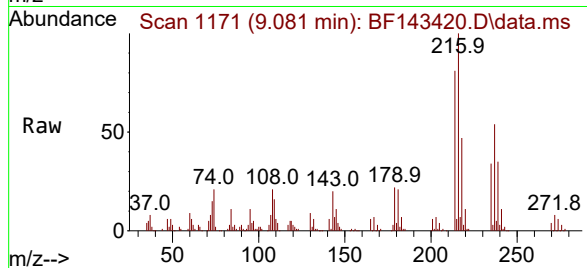




#41
Hexachlorocyclopentadiene
Concen: 38.885 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

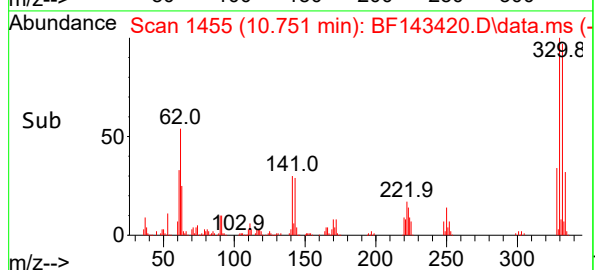
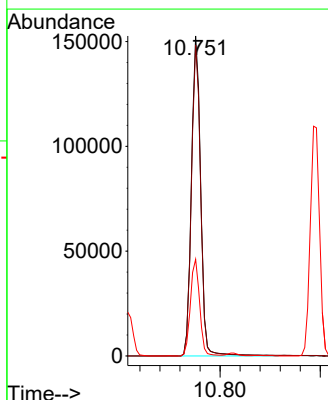
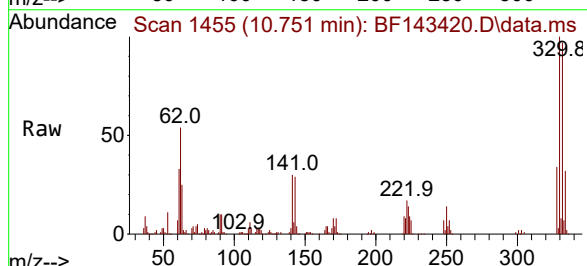
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

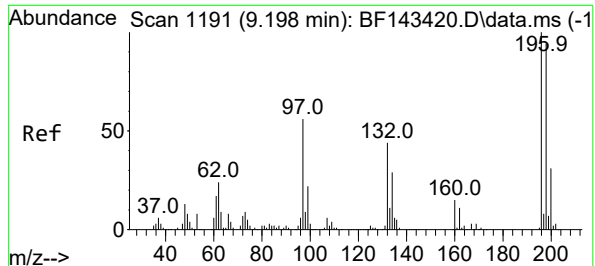
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.6	41.6	81.6
272	13.8	0.0	33.8



#42
2,4,6-Tribromophenol
Concen: 79.524 ng
RT: 10.751 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	30.1	24.1	36.1





#43

2,4,6-Trichlorophenol

Concen: 40.635 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF143420.D

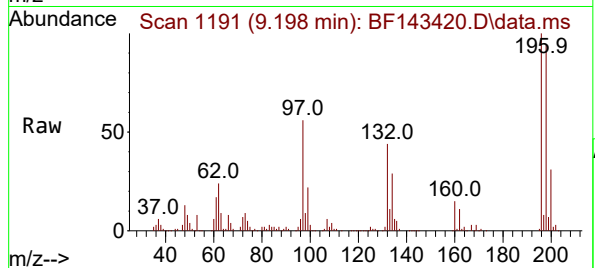
Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



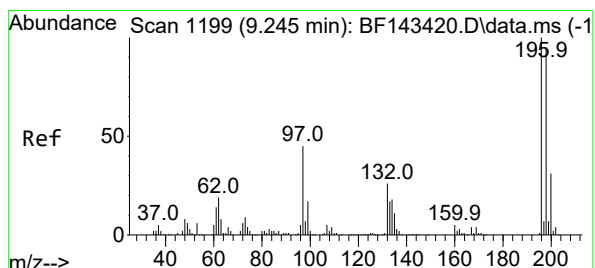
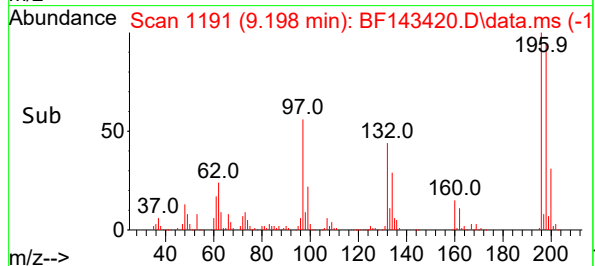
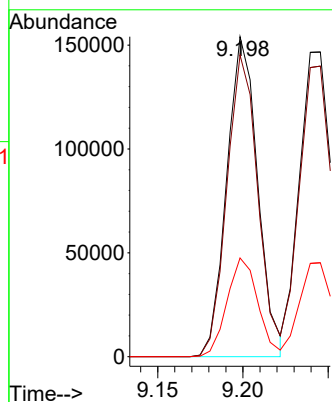
Tgt Ion:196 Resp: 194463

Ion Ratio Lower Upper

196 100

198 94.3 75.4 113.2

200 30.9 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 40.546 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Tgt Ion:196 Resp: 207994

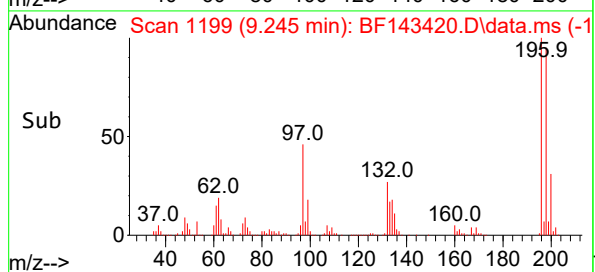
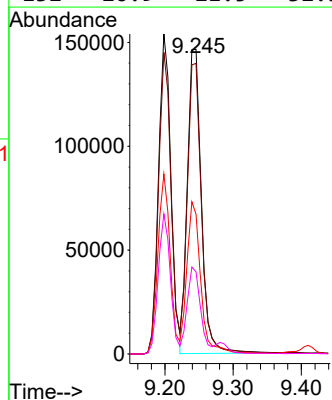
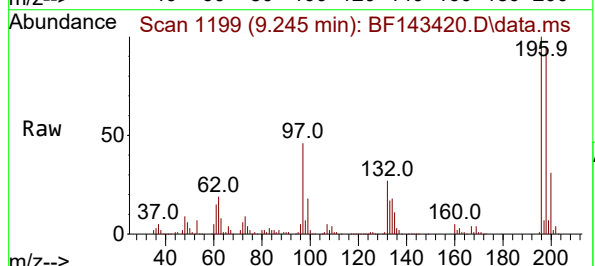
Ion Ratio Lower Upper

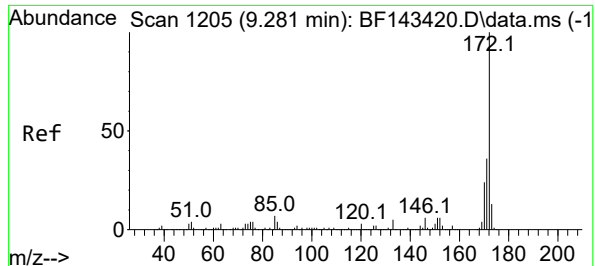
196 100

198 95.3 76.2 114.4

97 45.8 36.6 55.0

132 26.9 21.5 32.3





#45

2-Fluorobiphenyl

Concen: 76.137 ng

RT: 9.281 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

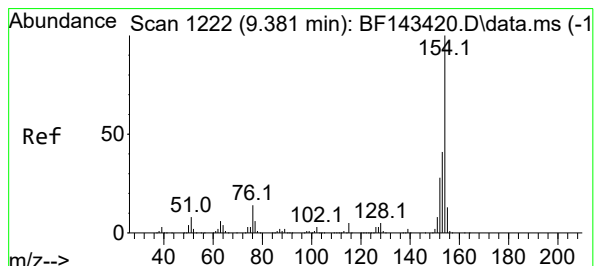
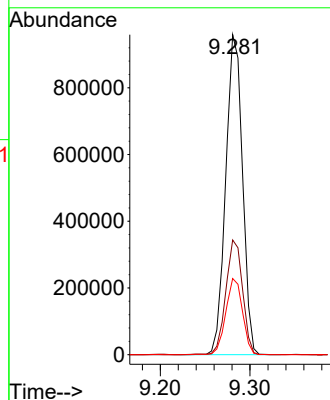
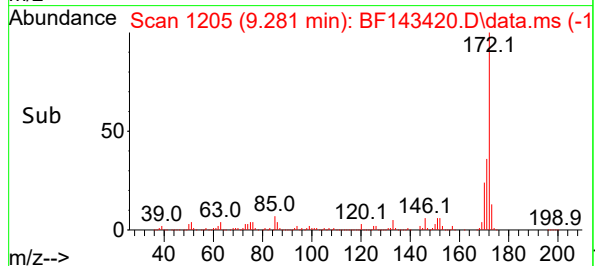
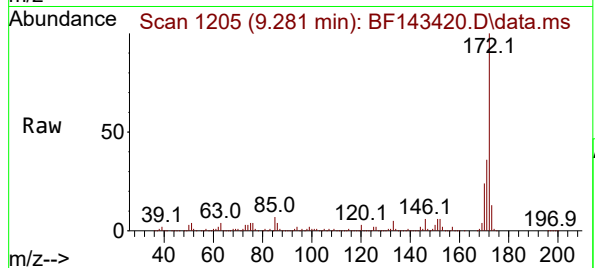
Tgt Ion:172 Resp: 1245188

Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 39.133 ng

RT: 9.381 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

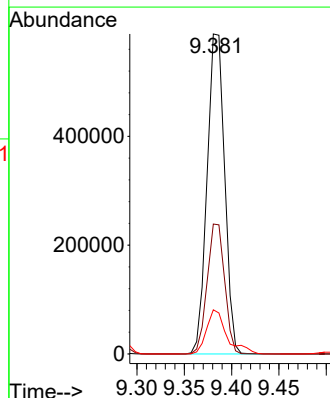
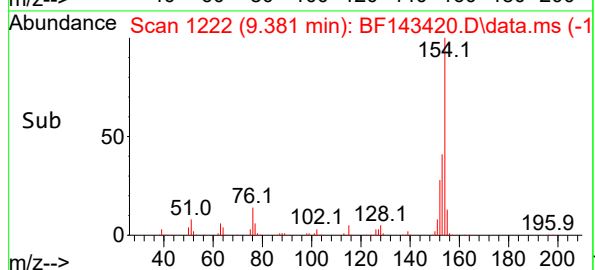
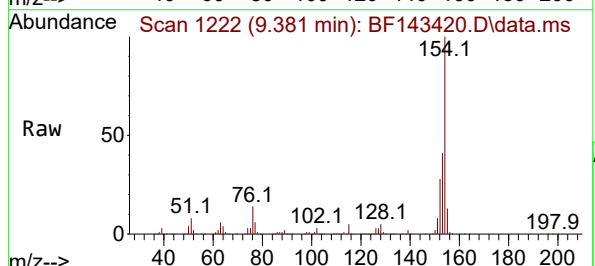
Tgt Ion:154 Resp: 756357

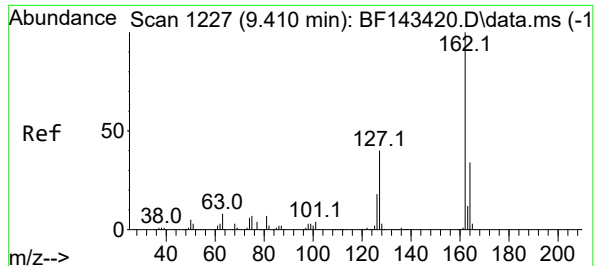
Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

76 13.8 0.0 33.8





#47

2-Chloronaphthalene

Concen: 39.044 ng

RT: 9.410 min Scan# 1227

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

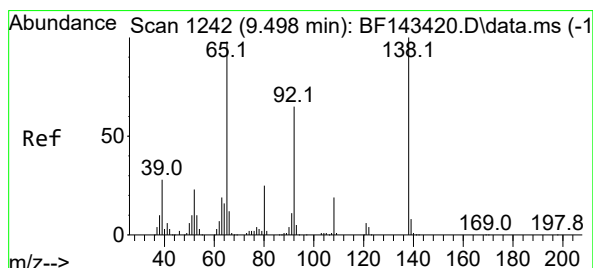
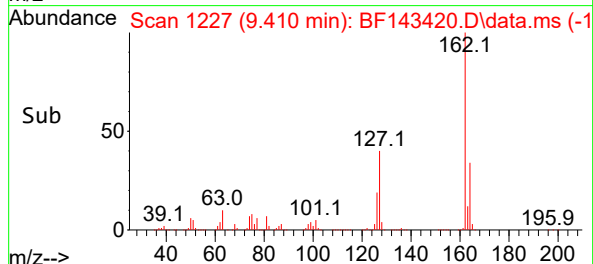
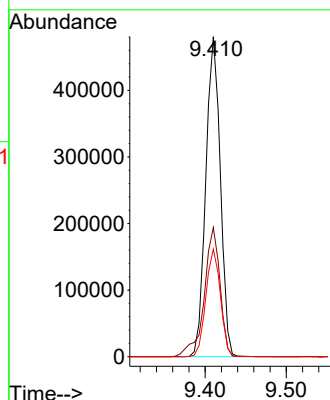
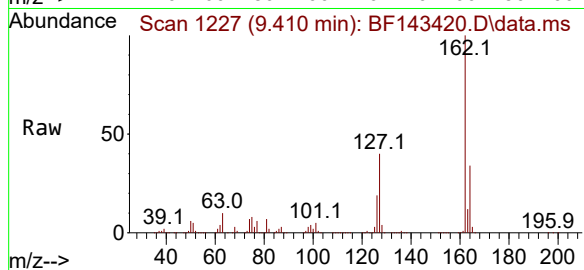
Tgt Ion:162 Resp: 595680

Ion Ratio Lower Upper

162 100

127 40.4 32.3 48.5

164 33.6 26.9 40.3



#48

2-Nitroaniline

Concen: 40.666 ng

RT: 9.498 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

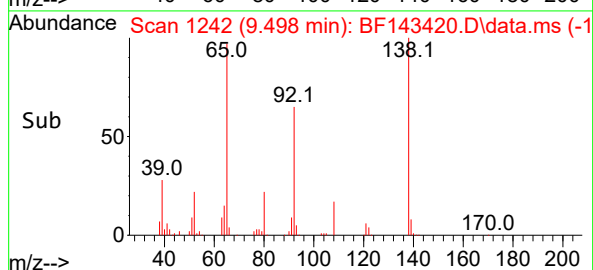
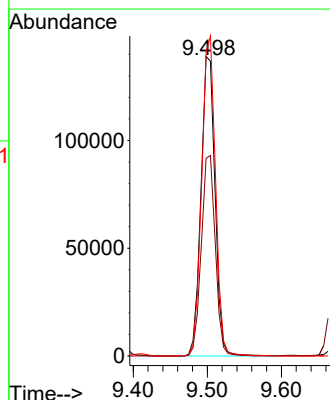
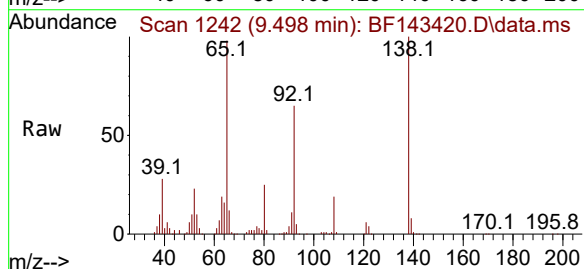
Tgt Ion: 65 Resp: 184632

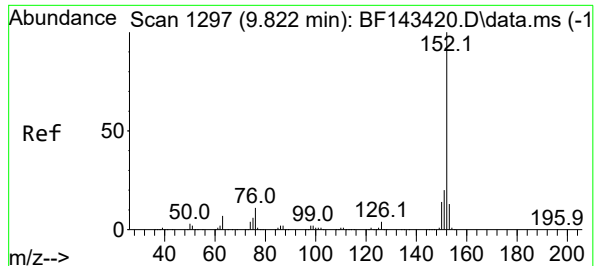
Ion Ratio Lower Upper

65 100

92 66.1 52.9 79.3

138 101.6 81.3 121.9





#49

Acenaphthylene

Concen: 39.280 ng

RT: 9.822 min Scan# 1297

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

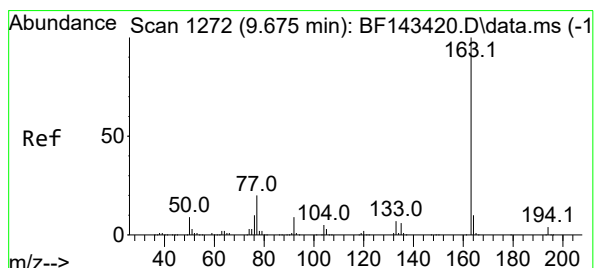
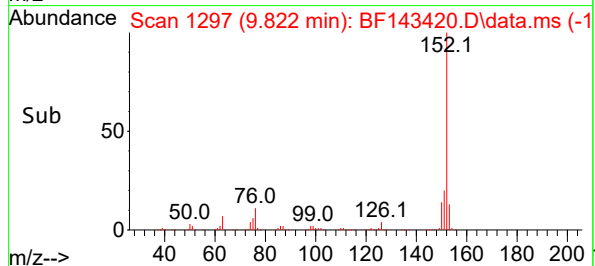
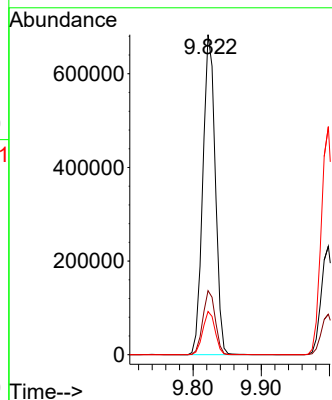
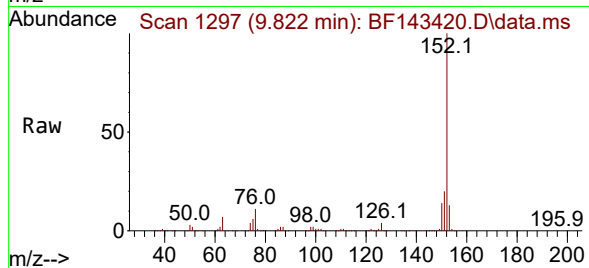
Tgt Ion:152 Resp: 865258

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.5 10.8 16.2



#50

Dimethylphthalate

Concen: 38.811 ng

RT: 9.675 min Scan# 1272

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

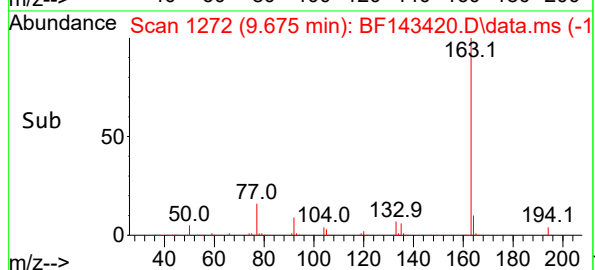
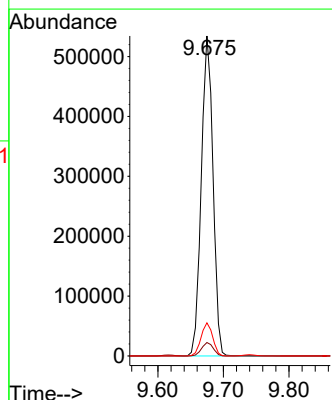
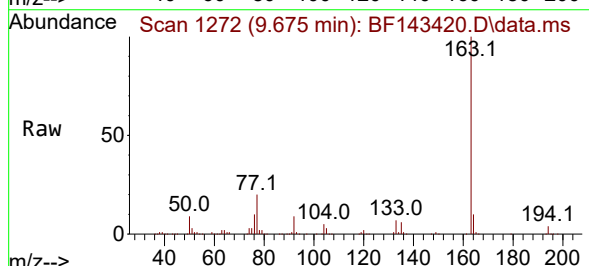
Tgt Ion:163 Resp: 665610

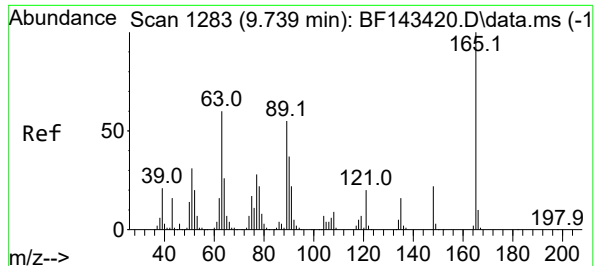
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.3 8.2 12.4

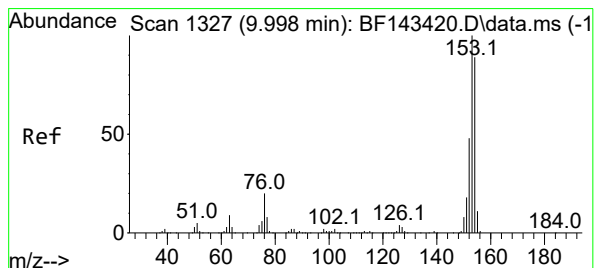
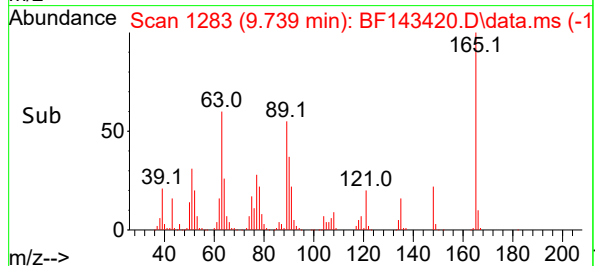
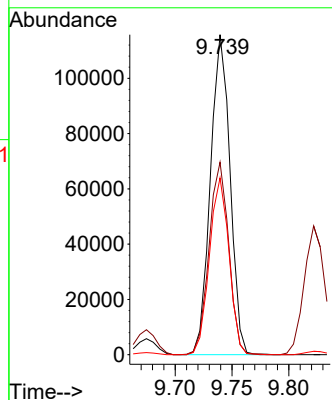
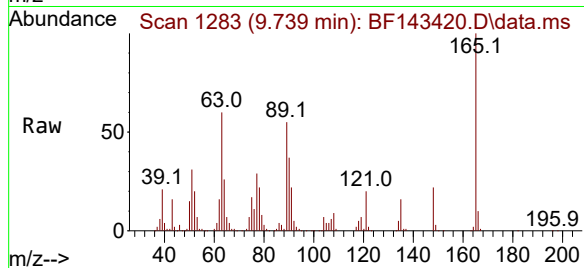




#51
2,6-Dinitrotoluene
Concen: 41.024 ng
RT: 9.739 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

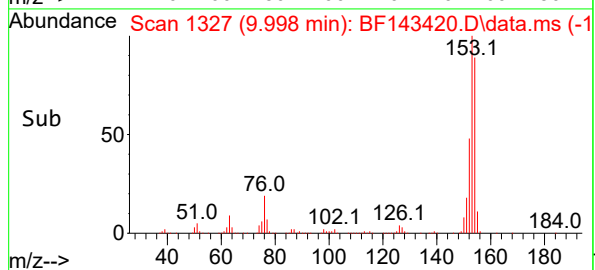
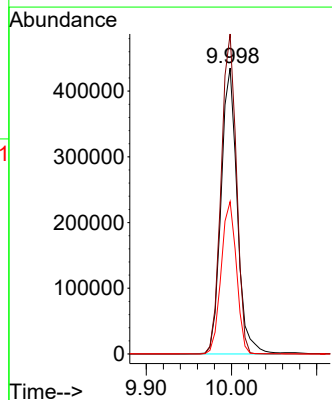
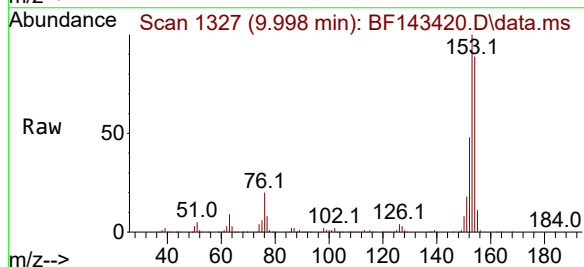
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

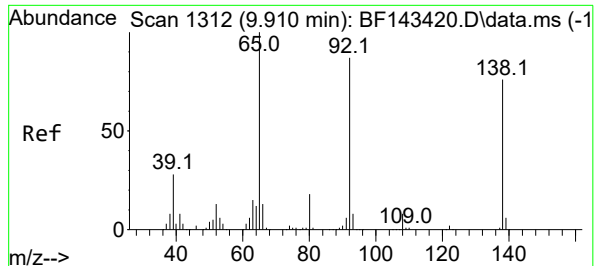
Tgt Ion:165 Resp: 138694
Ion Ratio Lower Upper
165 100
63 60.2 48.2 72.2
89 55.2 44.2 66.2



#52
Acenaphthene
Concen: 38.736 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:154 Resp: 573888
Ion Ratio Lower Upper
154 100
153 111.9 89.5 134.3
152 53.3 42.6 64.0





#53

3-Nitroaniline

Concen: 41.285 ng

RT: 9.910 min Scan# 1312

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

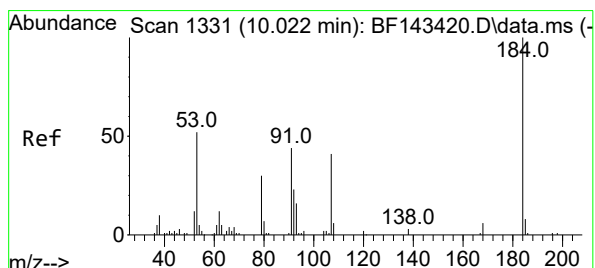
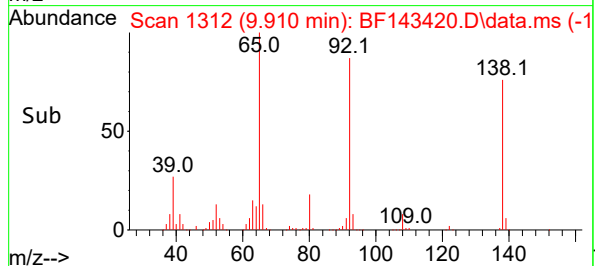
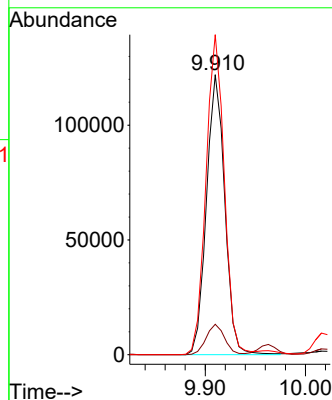
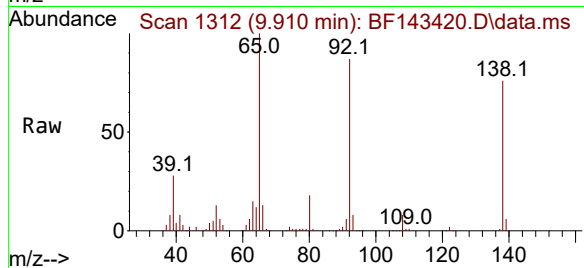
Tgt Ion:138 Resp: 155480

Ion Ratio Lower Upper

138 100

108 10.9 8.7 13.1

92 114.3 91.4 137.2



#54

2,4-Dinitrophenol

Concen: 37.023 ng

RT: 10.022 min Scan# 1331

Delta R.T. -0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

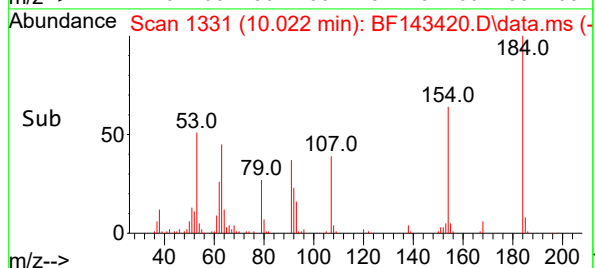
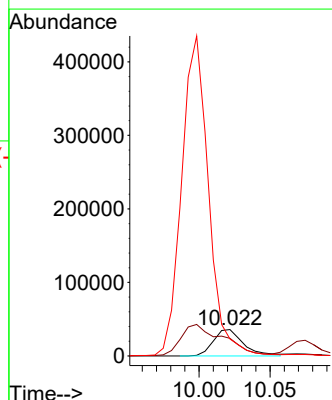
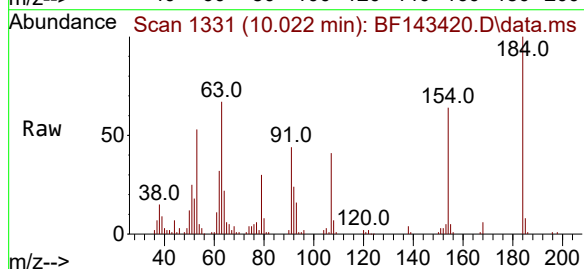
Tgt Ion:184 Resp: 52940

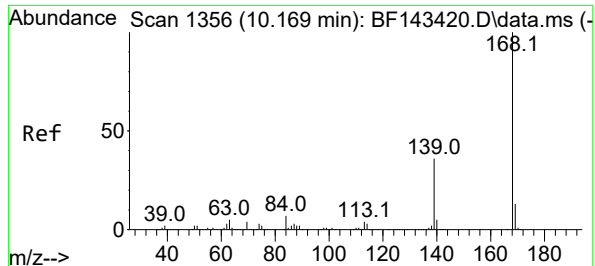
Ion Ratio Lower Upper

184 100

63 66.5 53.2 79.8

154 64.1 51.3 76.9





#55

Dibenzenofuran

Concen: 39.027 ng

RT: 10.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

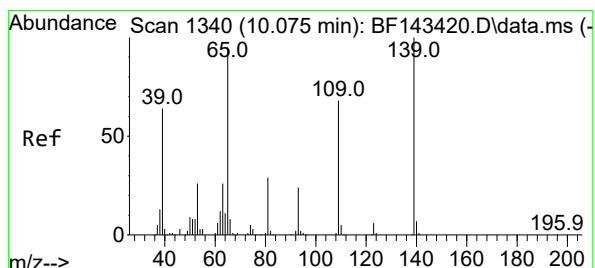
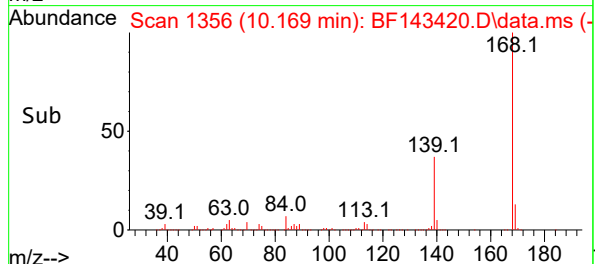
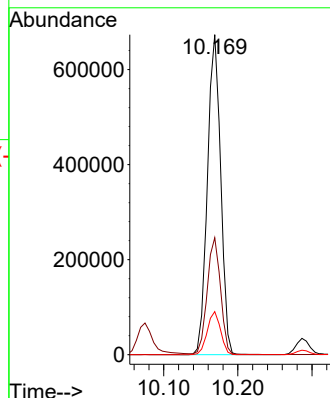
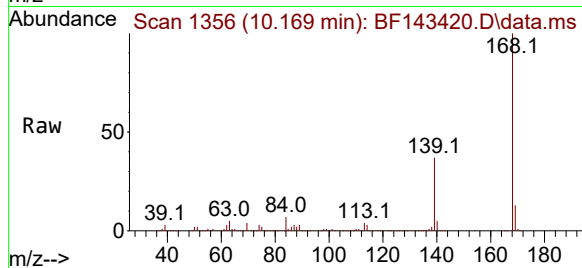
Tgt Ion:168 Resp: 834107

Ion Ratio Lower Upper

168 100

139 36.6 29.3 43.9

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 41.570 ng

RT: 10.075 min Scan# 1340

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

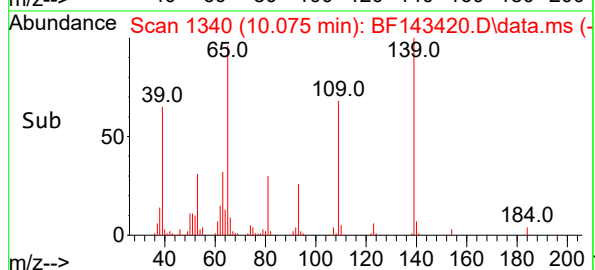
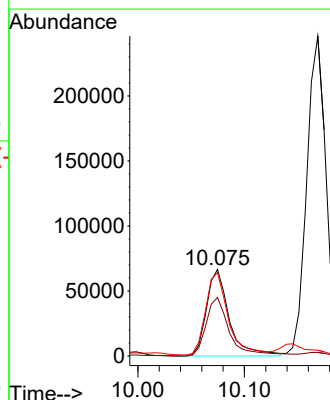
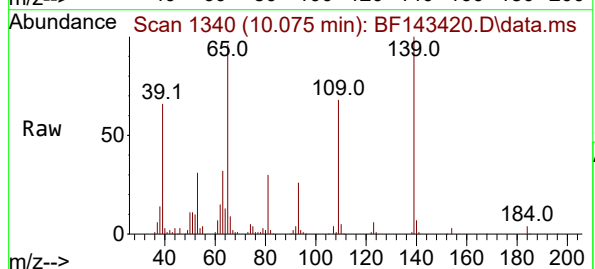
Tgt Ion:139 Resp: 98425

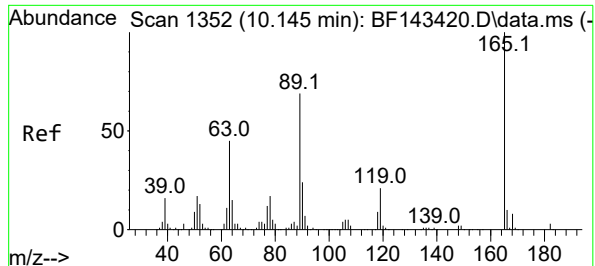
Ion Ratio Lower Upper

139 100

109 67.7 47.7 87.7

65 96.4 76.4 116.4

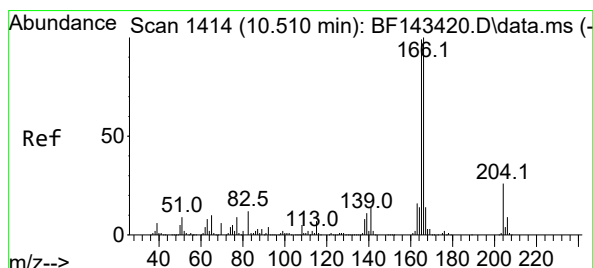
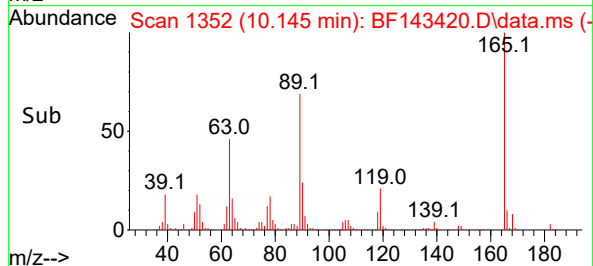
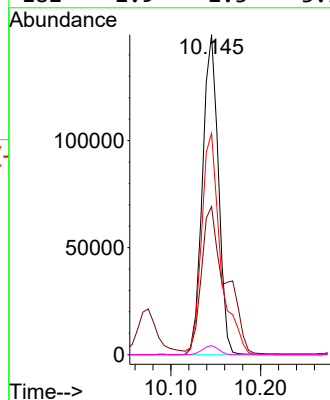
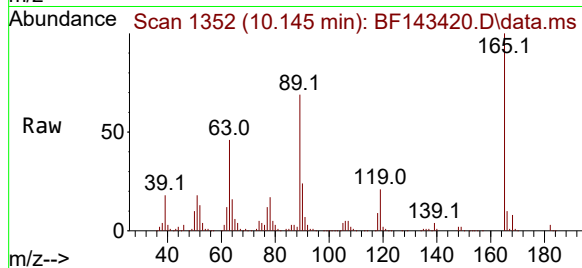




#57
2,4-Dinitrotoluene
Concen: 40.714 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

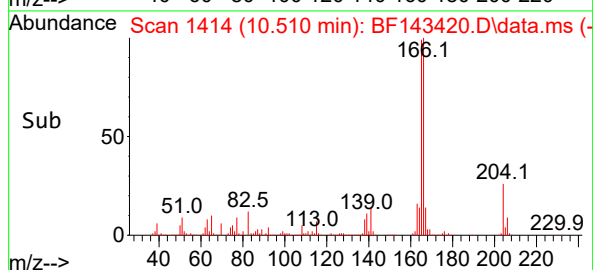
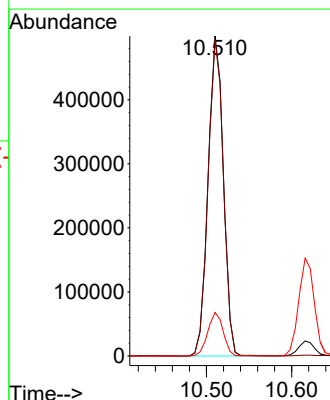
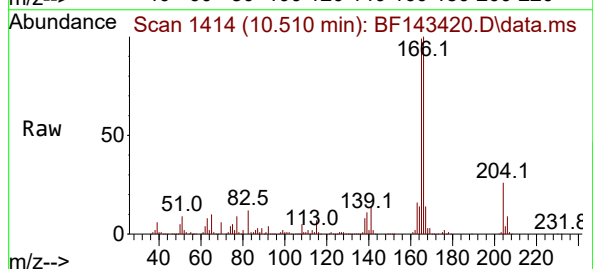
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

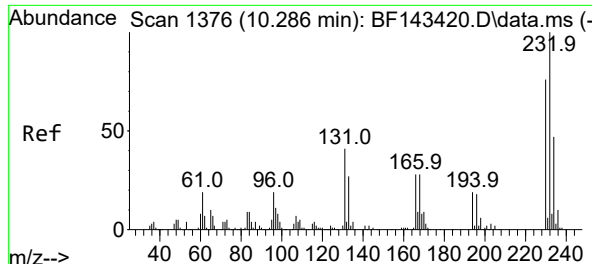
Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.3	37.0	55.6
89	69.2	55.4	83.0
182	2.9	2.3	3.5



#58
Fluorene
Concen: 37.948 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.0	118.6
167	13.6	10.9	16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.137 ng

RT: 10.286 min Scan# 1376

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 163623

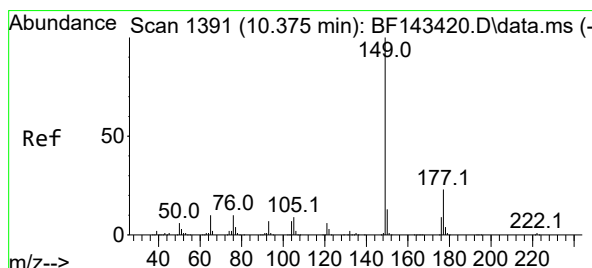
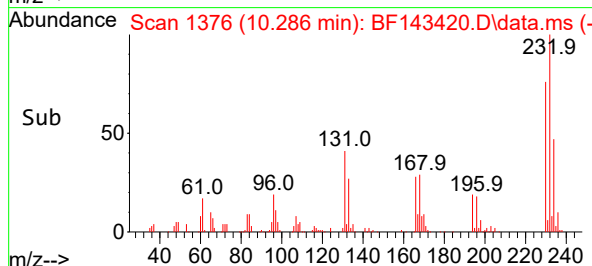
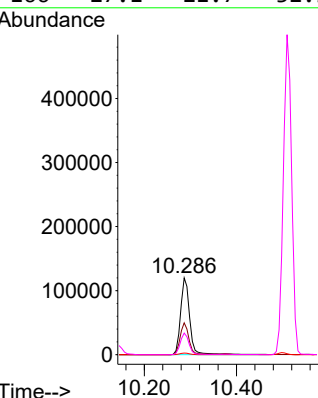
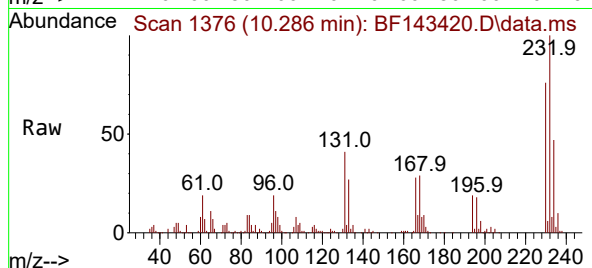
Ion Ratio Lower Upper

232 100

131 40.0 32.0 48.0

130 2.1 1.7 2.5

166 27.1 21.7 32.5



#60

Diethylphthalate

Concen: 38.477 ng

RT: 10.375 min Scan# 1391

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

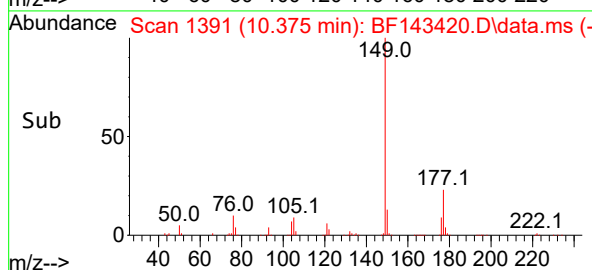
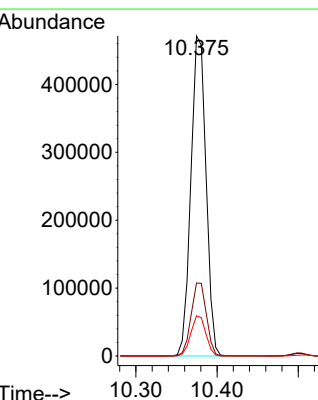
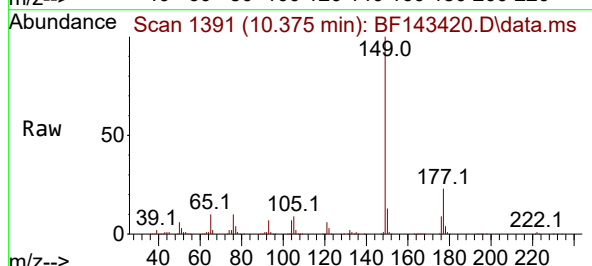
Tgt Ion:149 Resp: 609804

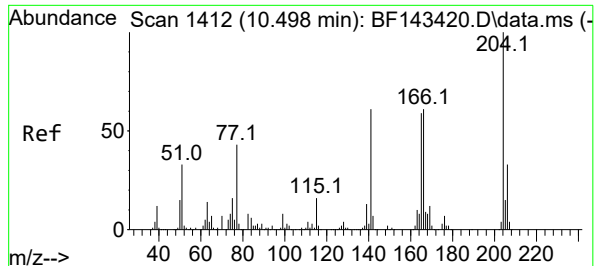
Ion Ratio Lower Upper

149 100

177 22.8 18.2 27.4

150 12.6 10.1 15.1

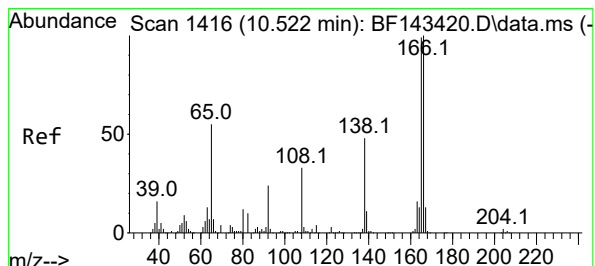
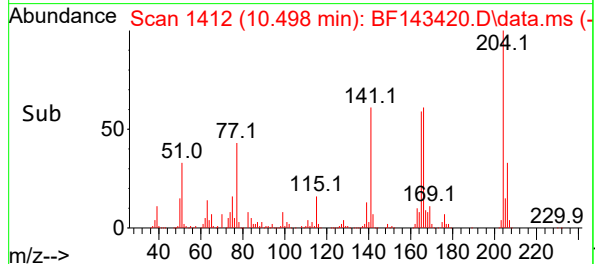
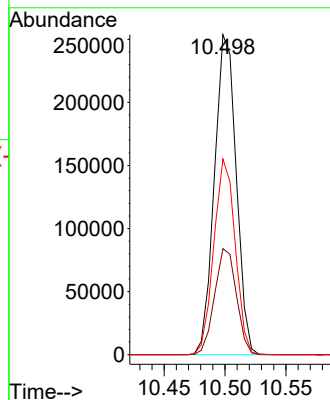
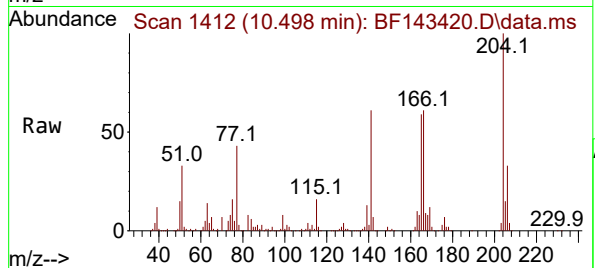




#61
4-Chlorophenyl-phenylether
Concen: 38.911 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

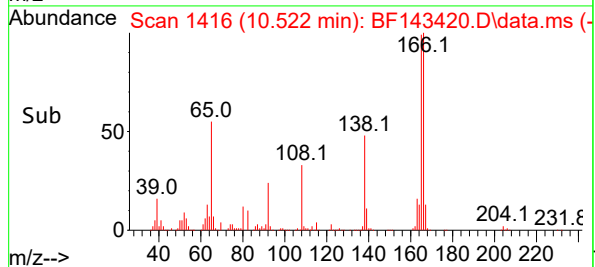
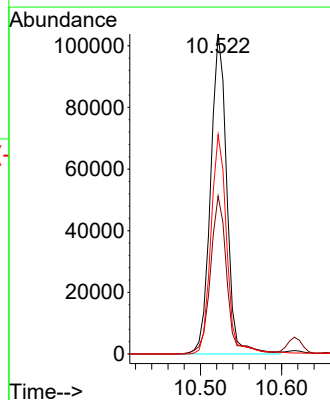
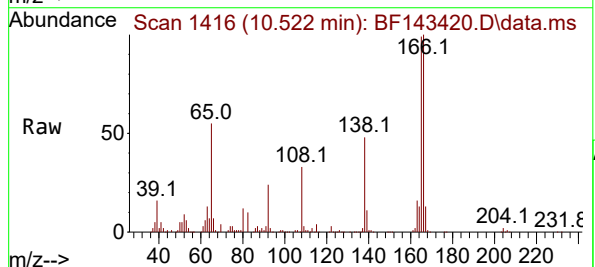
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

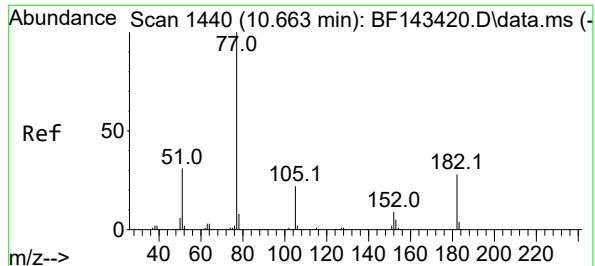
Tgt Ion:204 Resp: 315863
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 61.2 49.0 73.4



#62
4-Nitroaniline
Concen: 40.695 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:138 Resp: 143326
Ion Ratio Lower Upper
138 100
92 49.4 29.4 69.4
108 68.6 48.6 88.6

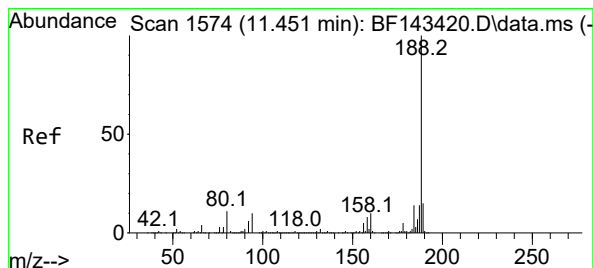
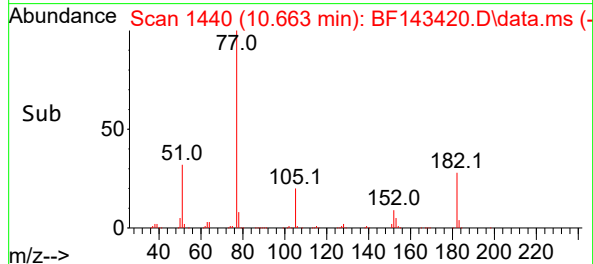
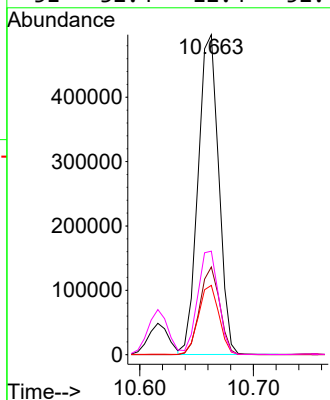
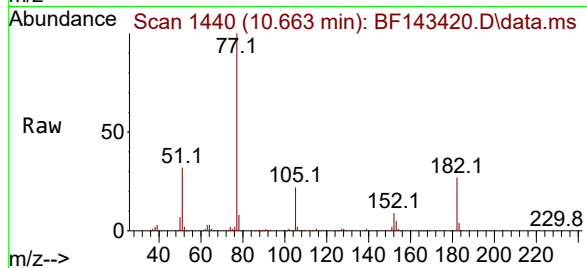




#63
Azobenzene
Concen: 39.038 ng
RT: 10.663 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

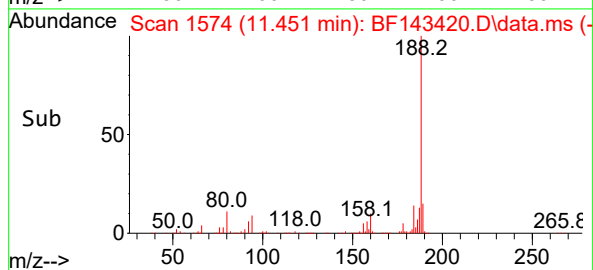
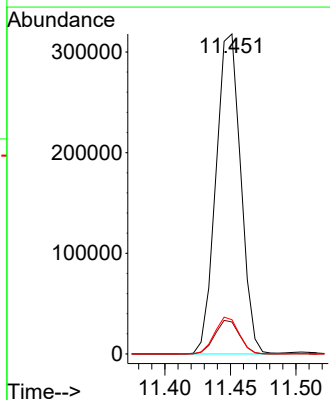
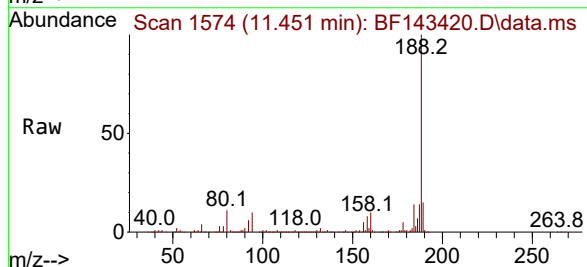
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

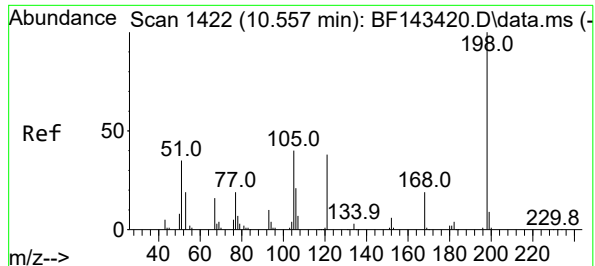
Tgt Ion: 77 Resp: 625307
Ion Ratio Lower Upper
77 100
182 27.4 7.4 47.4
105 21.7 1.7 41.7
51 32.4 12.4 52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion: 188 Resp: 418439
Ion Ratio Lower Upper
188 100
94 10.0 8.0 12.0
80 10.7 8.6 12.8

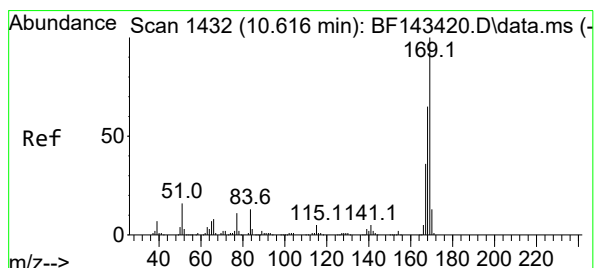
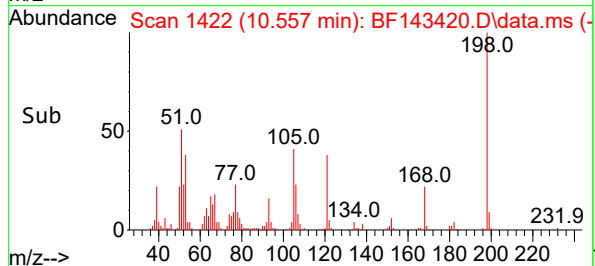
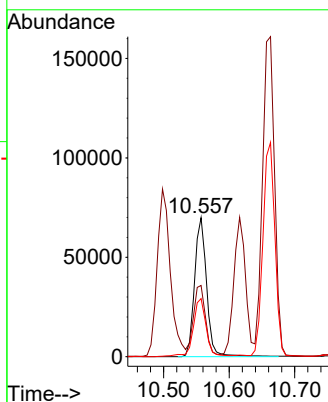
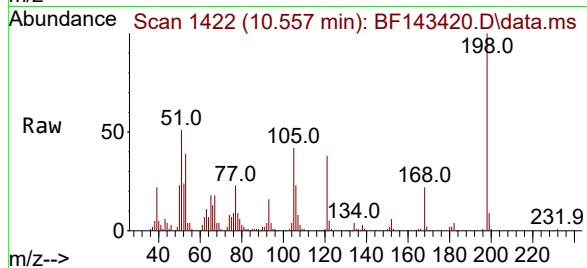




#65
4,6-Dinitro-2-methylphenol
Concen: 41.565 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

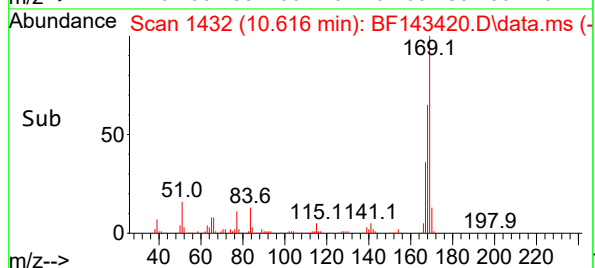
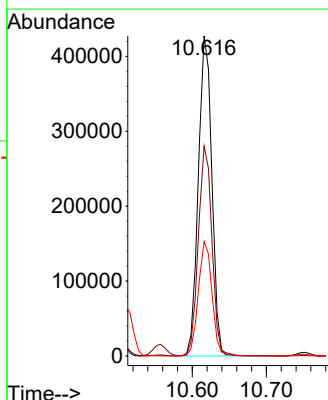
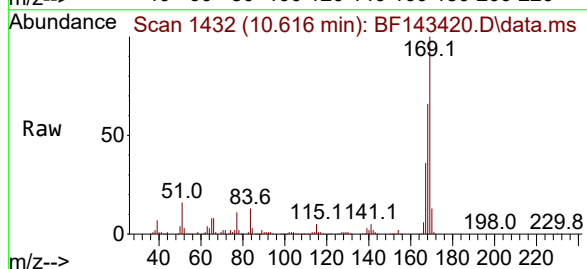
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

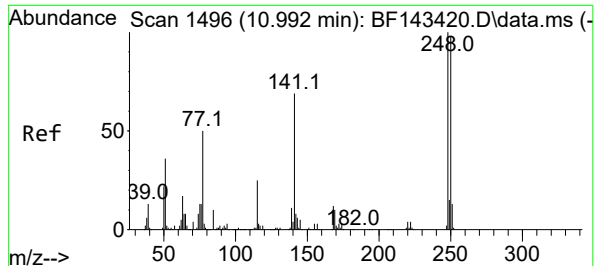
Tgt Ion	Ratio	Lower	Upper
198	100		
51	51.2	31.2	71.2
105	41.7	21.7	61.7



#66
n-Nitrosodiphenylamine
Concen: 39.686 ng
RT: 10.616 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.6	52.5	78.7
167	35.7	28.6	42.8

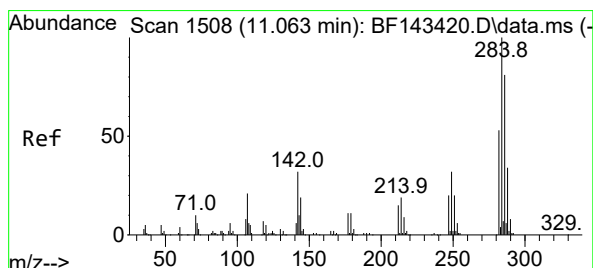
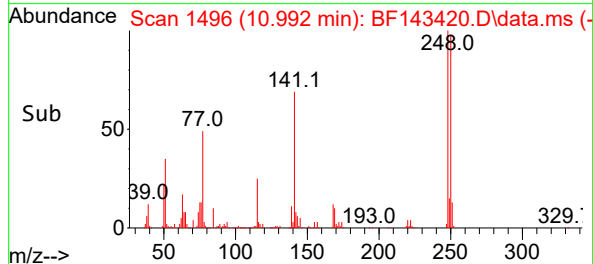
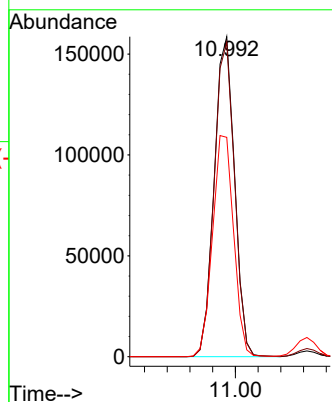
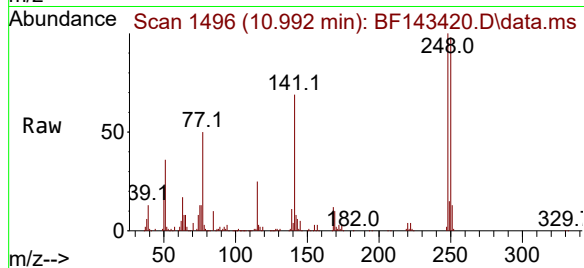




#67
4-Bromophenyl-phenylether
Concen: 39.946 ng
RT: 10.992 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

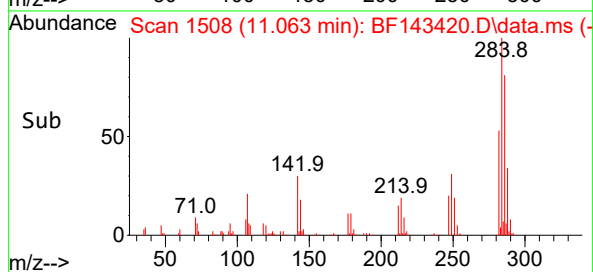
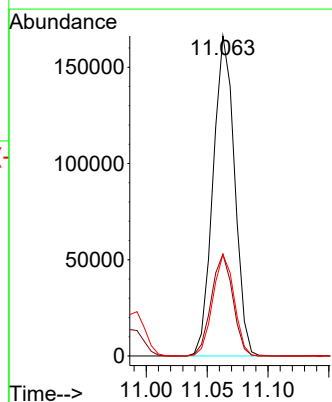
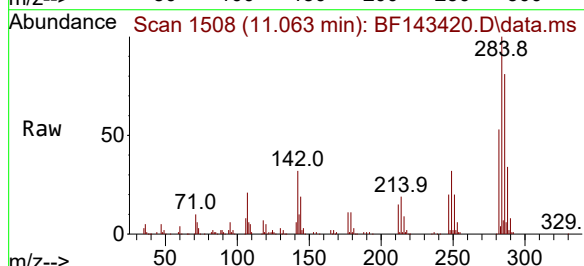
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

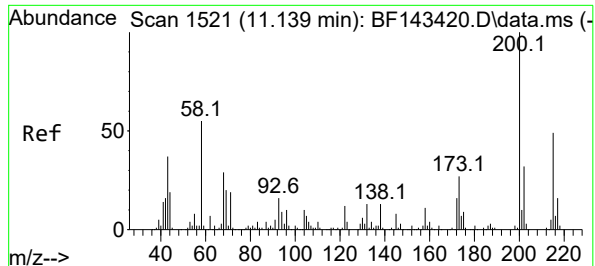
Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.6	118.0
141	68.6	54.9	82.3



#68
Hexachlorobenzene
Concen: 38.899 ng
RT: 11.063 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.8	25.4	38.2
249	31.7	25.4	38.0





#69

Atrazine

Concen: 39.987 ng

RT: 11.139 min Scan# 1521

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

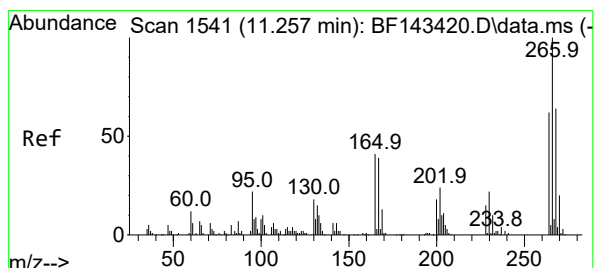
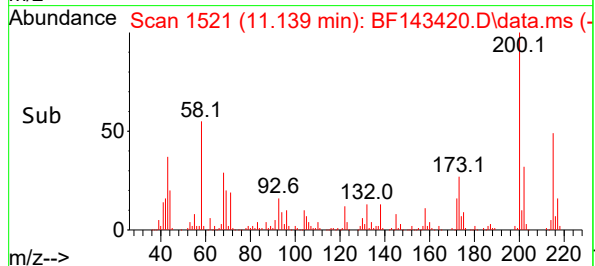
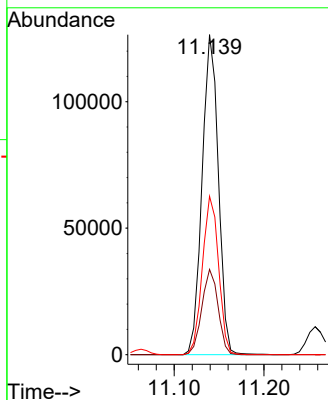
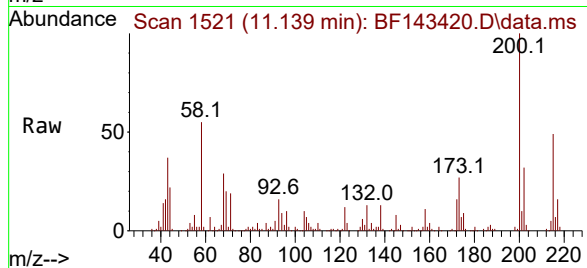
Tgt Ion:200 Resp: 159131

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

215 49.5 29.5 69.5



#70

Pentachlorophenol

Concen: 40.967 ng

RT: 11.257 min Scan# 1541

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

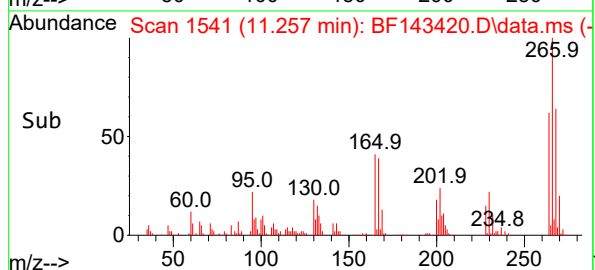
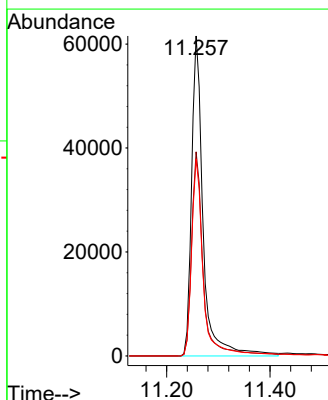
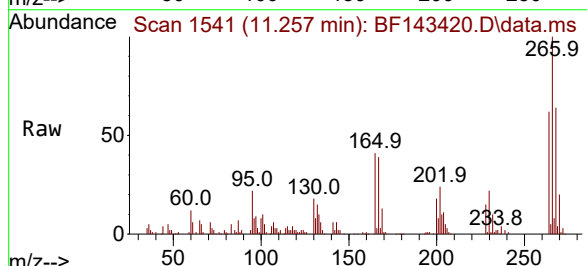
Tgt Ion:266 Resp: 95543

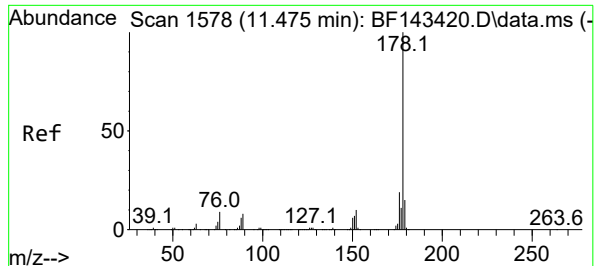
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.6

264 61.6 49.3 73.9

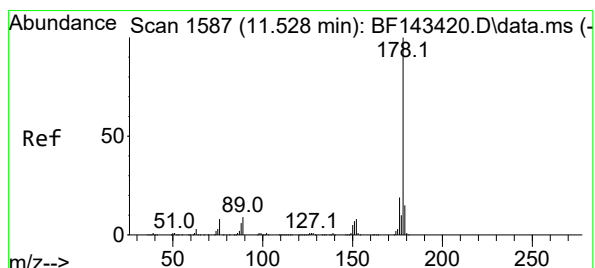
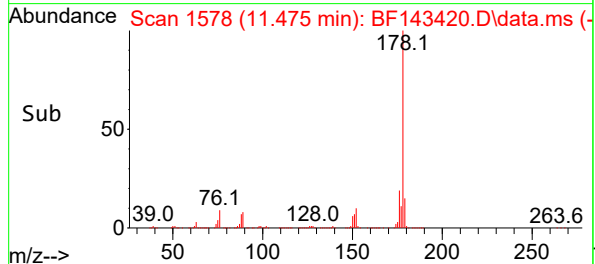
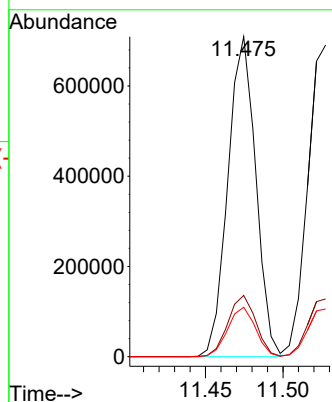
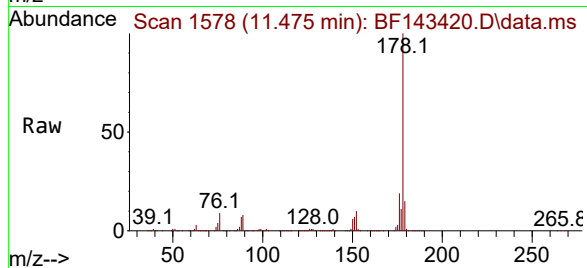




#71
Phenanthrene
Concen: 39.146 ng
RT: 11.475 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

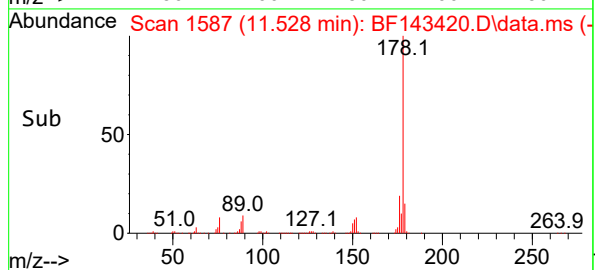
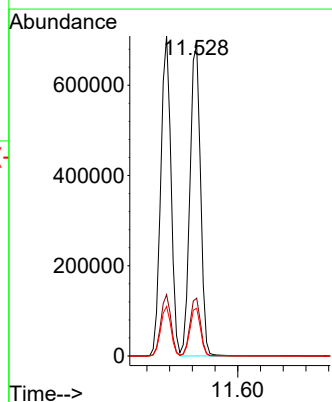
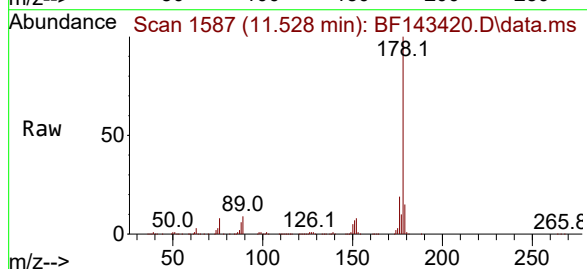
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

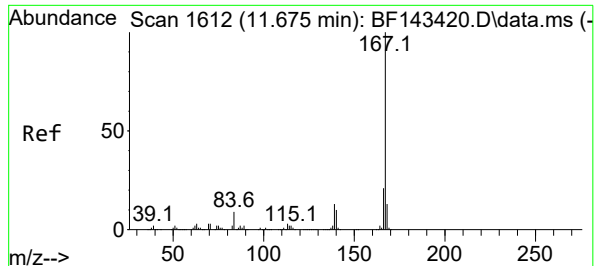
Tgt Ion:178 Resp: 887025
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.4 12.3 18.5



#72
Anthracene
Concen: 38.933 ng
RT: 11.528 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:178 Resp: 891035
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.3 12.2 18.4

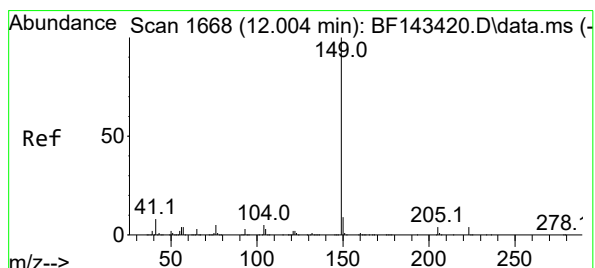
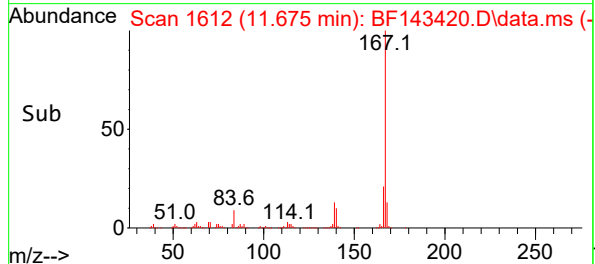
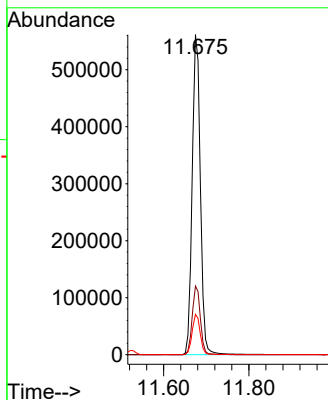
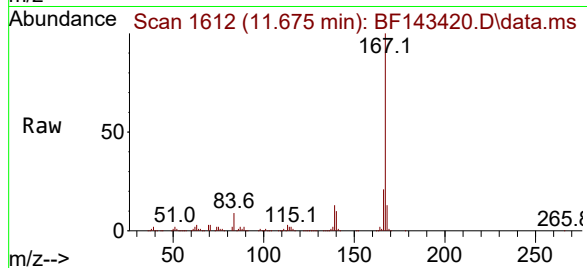




#73
Carbazole
Concen: 38.687 ng
RT: 11.675 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

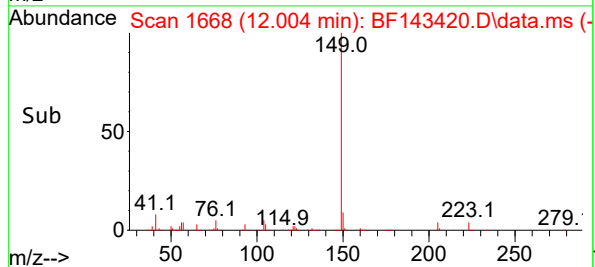
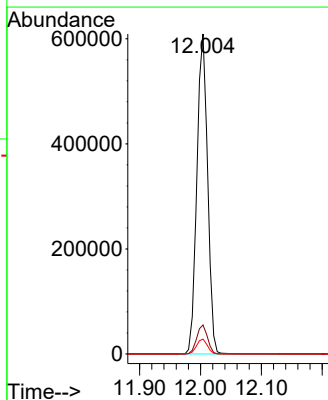
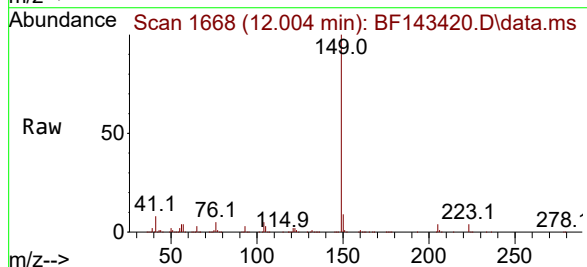
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

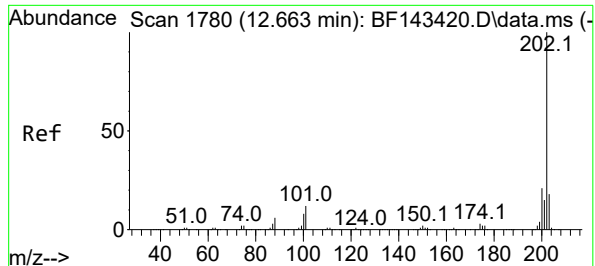
Tgt Ion:167 Resp: 748842
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.6 10.1 15.1



#74
Di-n-butylphthalate
Concen: 38.710 ng
RT: 12.004 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:149 Resp: 746153
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.7 3.8 5.6

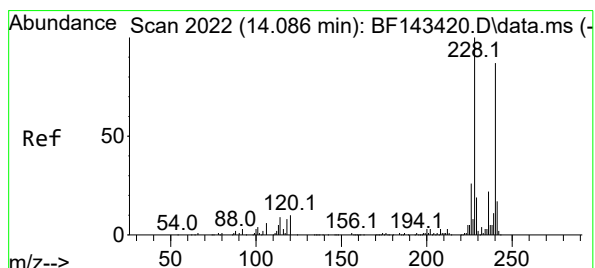
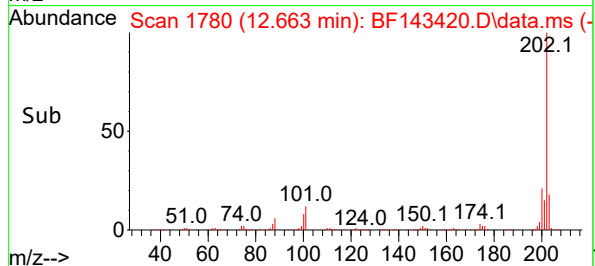
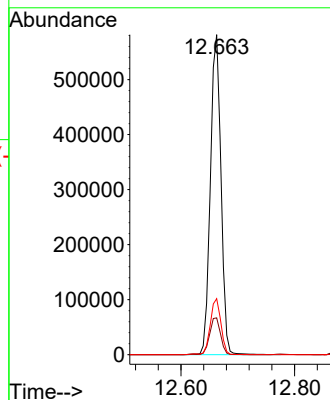
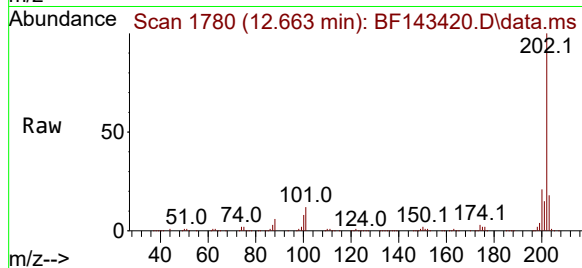




#75
Fluoranthene
Concen: 37.119 ng
RT: 12.663 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

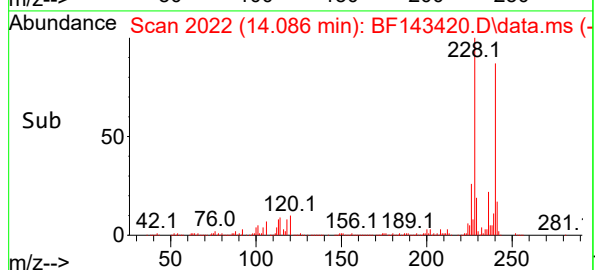
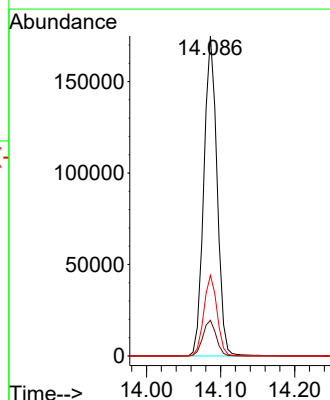
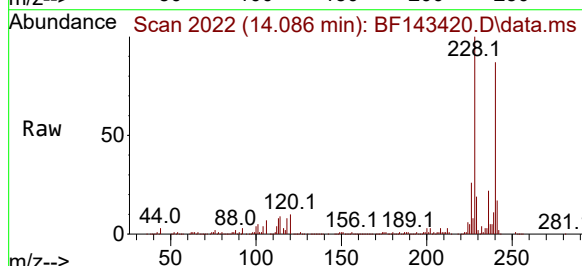
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

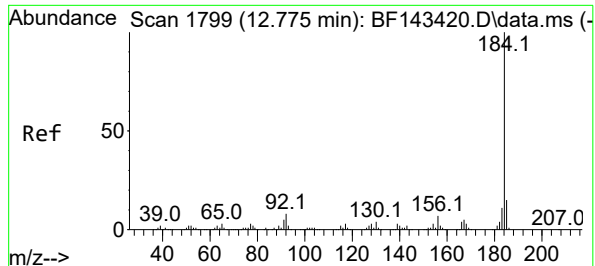
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.5
203	17.5	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.2	20.2	30.2





#77

Benzidine

Concen: 40.043 ng

RT: 12.775 min Scan# 1799

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

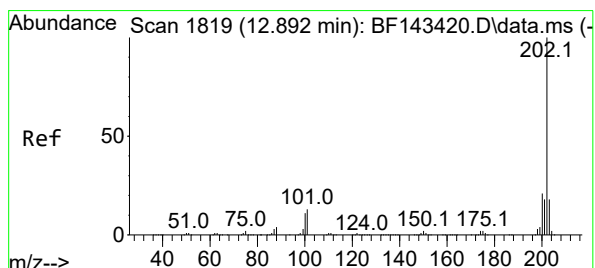
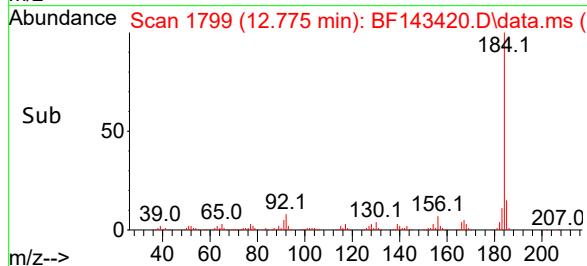
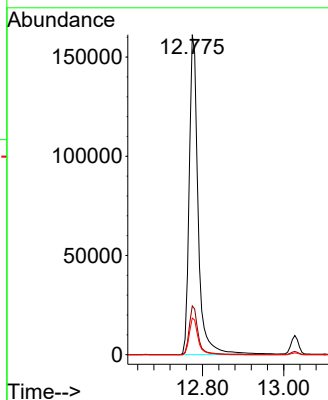
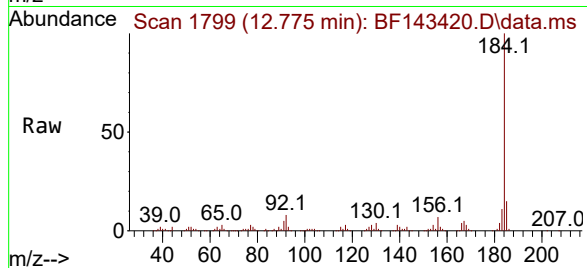
Tgt Ion:184 Resp: 246322

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.2

183 11.5 9.2 13.8



#78

Pyrene

Concen: 39.060 ng

RT: 12.892 min Scan# 1819

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

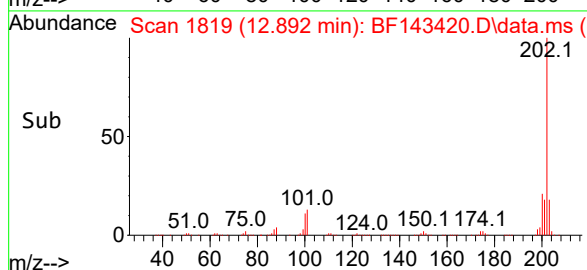
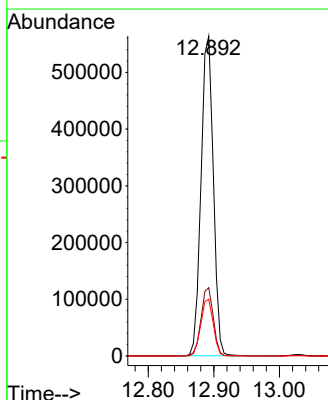
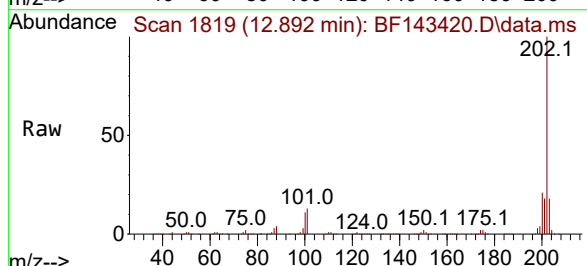
Tgt Ion:202 Resp: 737731

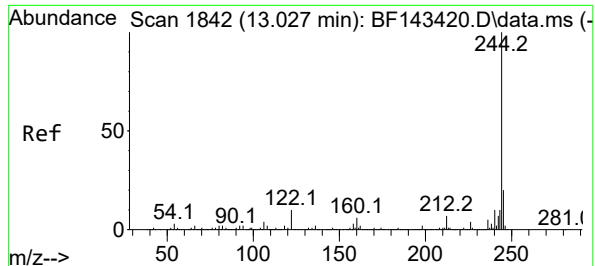
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 17.7 14.2 21.2





#79

Terphenyl-d14

Concen: 77.055 ng

RT: 13.027 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

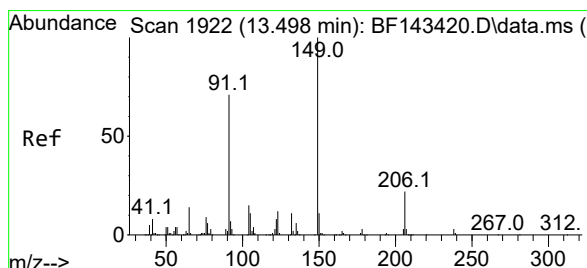
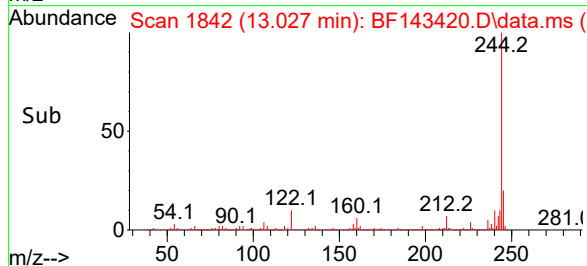
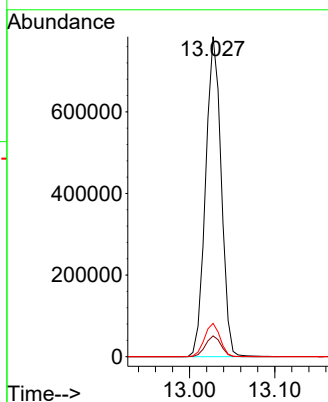
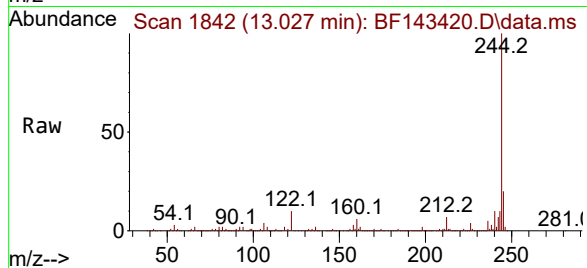
Tgt Ion:244 Resp: 996745

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

122 10.4 8.3 12.5



#80

Butylbenzylphthalate

Concen: 42.604 ng

RT: 13.498 min Scan# 1922

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

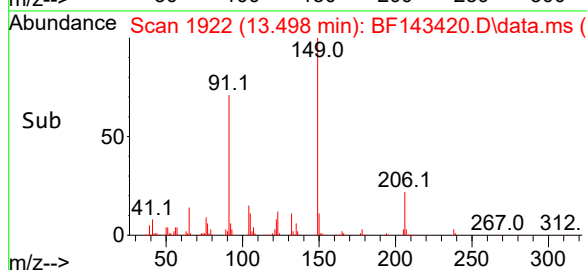
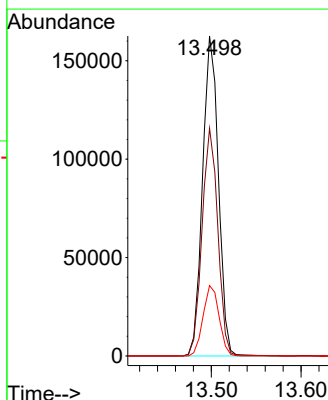
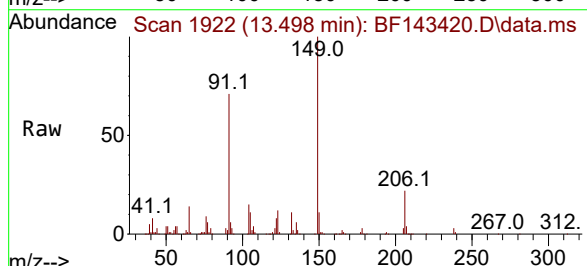
Tgt Ion:149 Resp: 199307

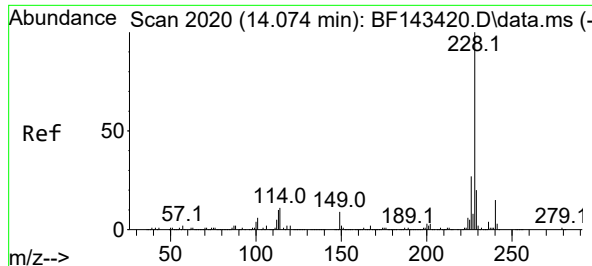
Ion Ratio Lower Upper

149 100

91 71.2 57.0 85.4

206 22.0 17.6 26.4

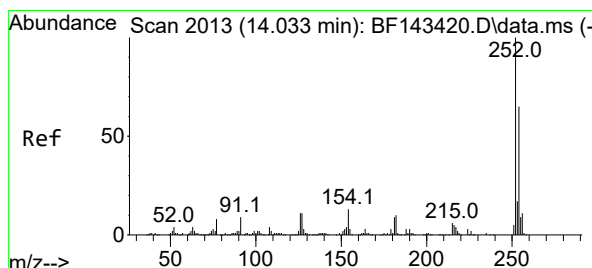
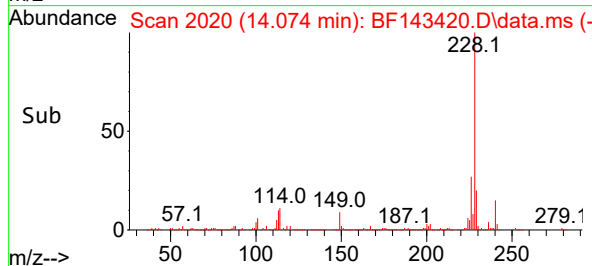
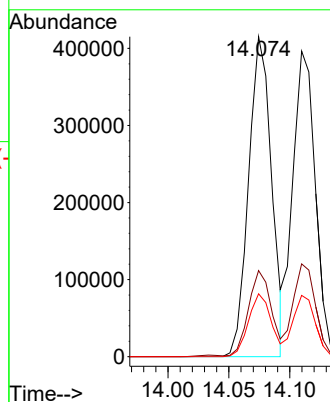
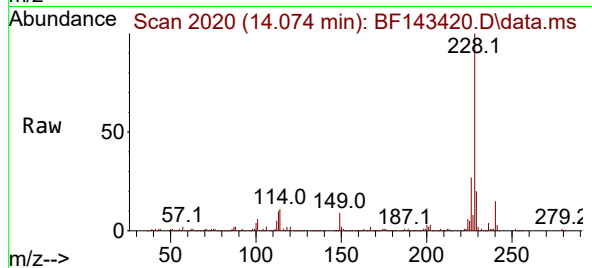




#81
Benzo(a)anthracene
Concen: 39.407 ng
RT: 14.074 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

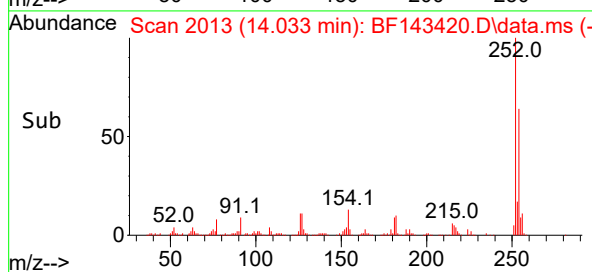
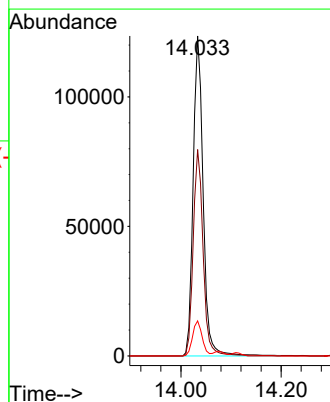
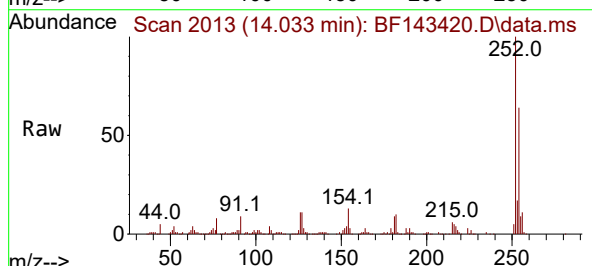
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

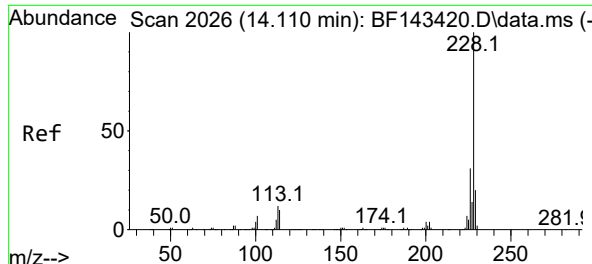
Tgt Ion:228 Resp: 545178
Ion Ratio Lower Upper
228 100
226 26.9 21.5 32.3
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 42.205 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:252 Resp: 170953
Ion Ratio Lower Upper
252 100
254 64.5 51.6 77.4
126 11.0 8.8 13.2

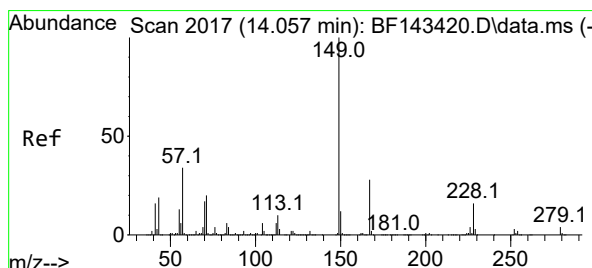
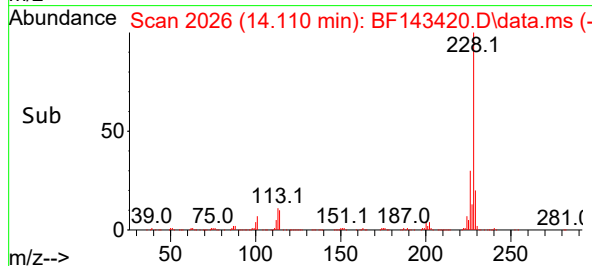
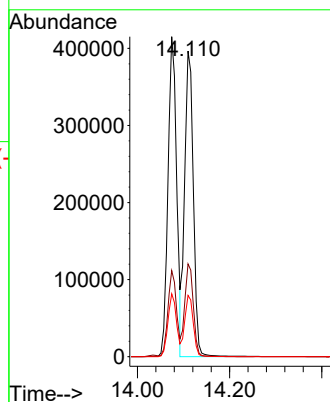
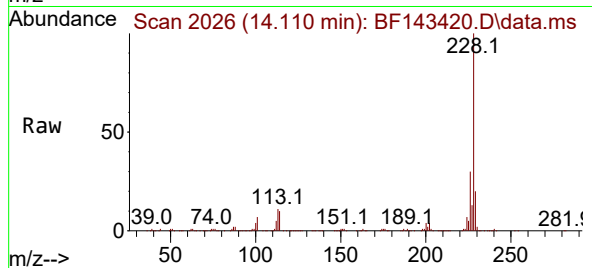




#83
Chrysene
Concen: 40.562 ng
RT: 14.110 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

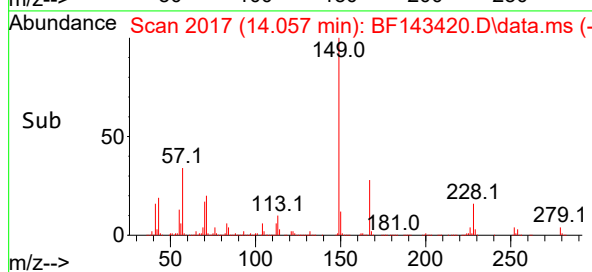
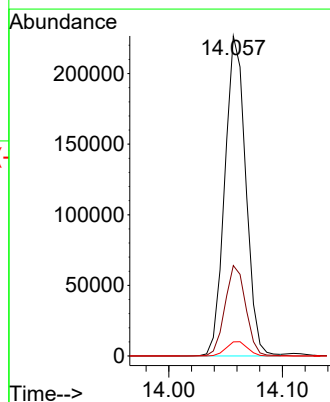
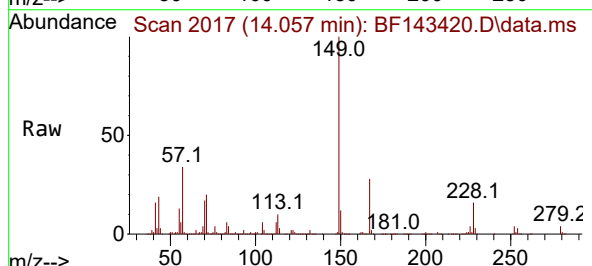
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

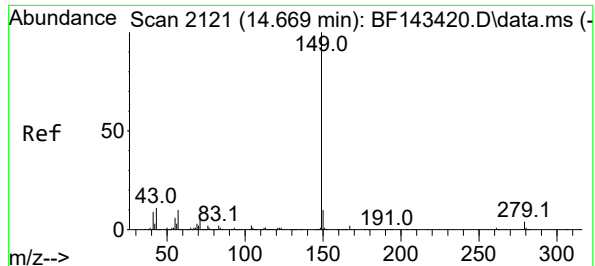
Tgt Ion:228 Resp: 518778
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 20.1 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.719 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:149 Resp: 290451
Ion Ratio Lower Upper
149 100
167 28.2 22.6 33.8
279 4.4 3.5 5.3

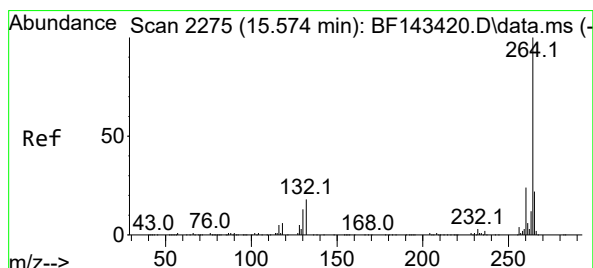
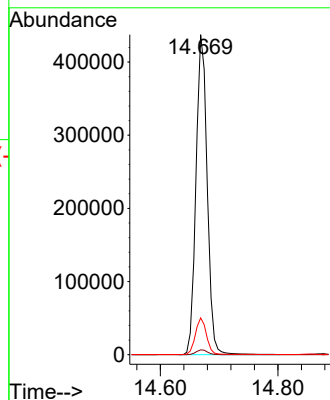
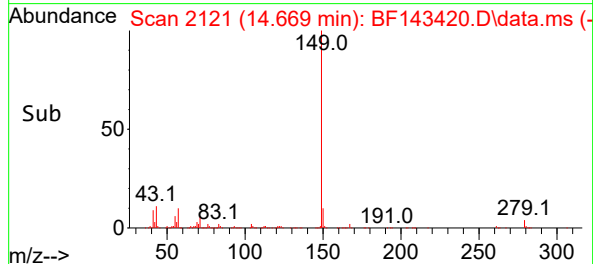
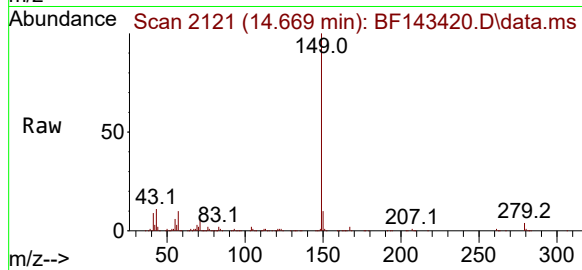




#85
Di-n-octyl phthalate
Concen: 42.897 ng
RT: 14.669 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

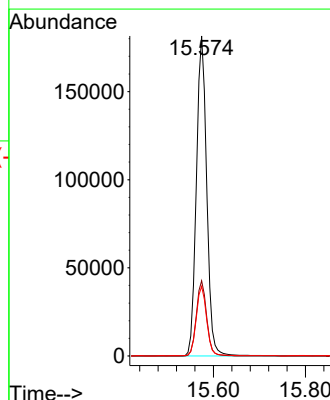
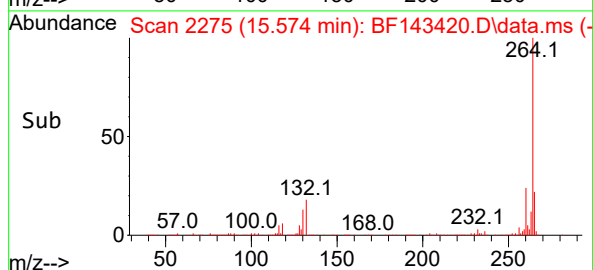
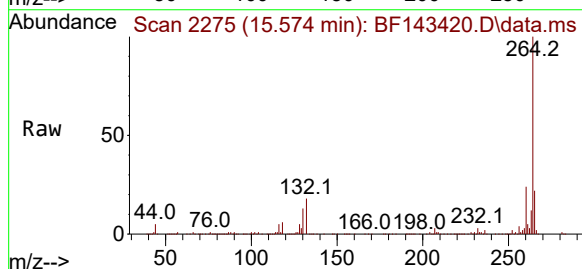
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

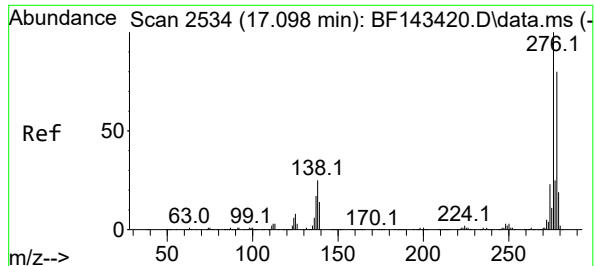
Tgt Ion:149 Resp: 578031
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.3 9.0 13.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:264 Resp: 282413
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.863 ng

RT: 17.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

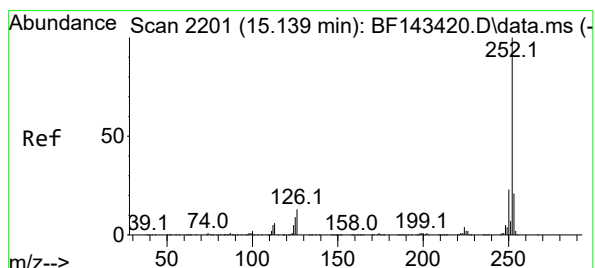
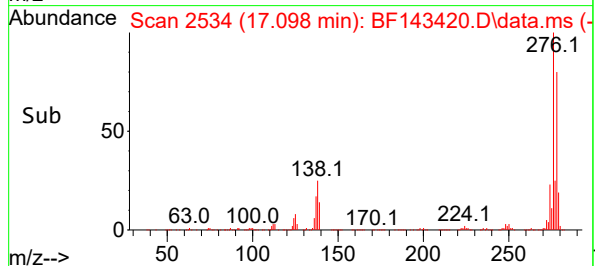
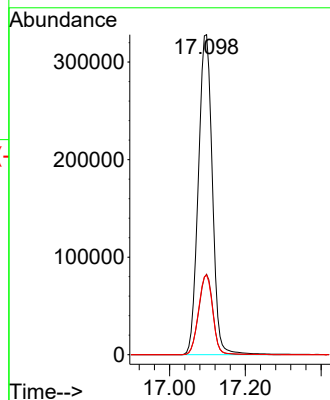
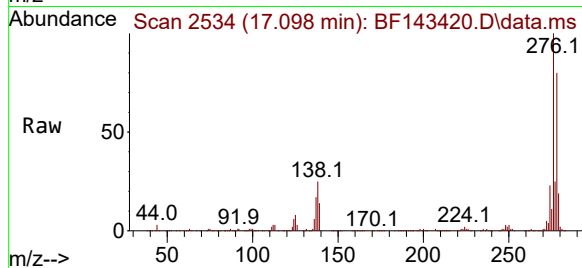
Tgt Ion:276 Resp: 844235

Ion Ratio Lower Upper

276 100

138 25.3 20.2 30.4

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 40.661 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

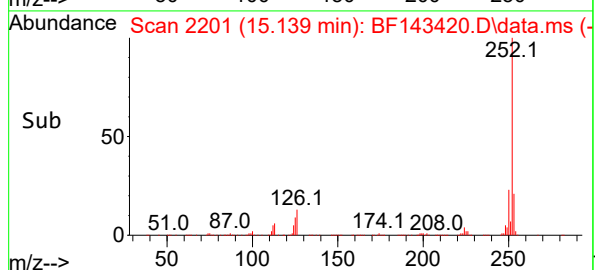
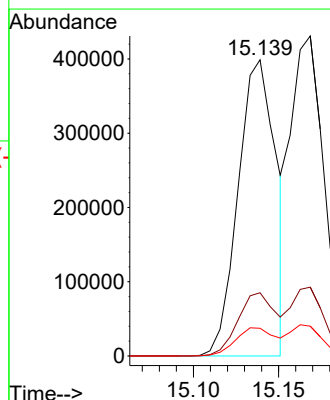
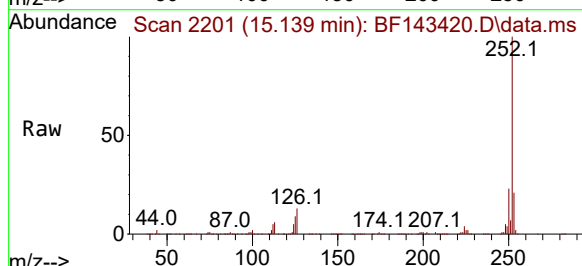
Tgt Ion:252 Resp: 615448

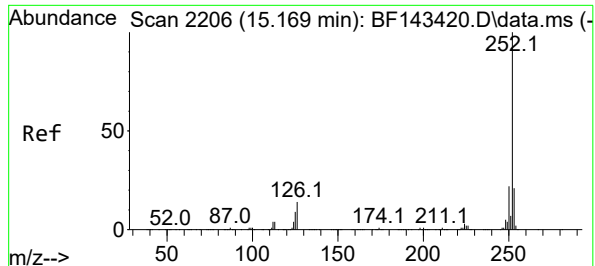
Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 9.4 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 39.820 ng

RT: 15.169 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

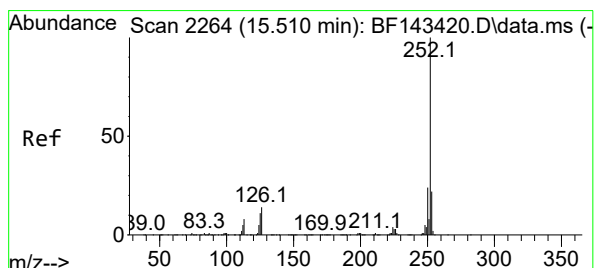
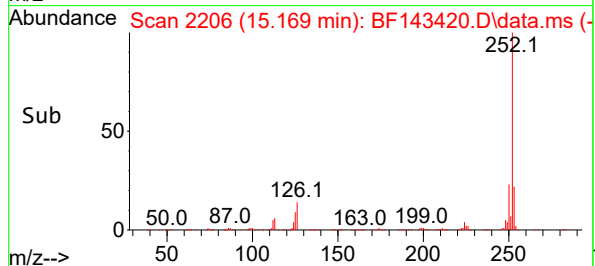
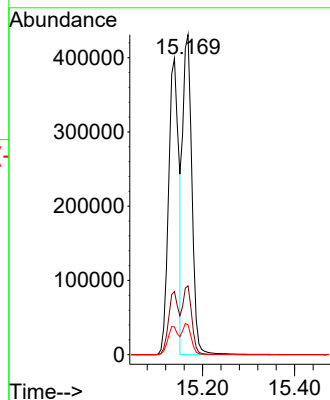
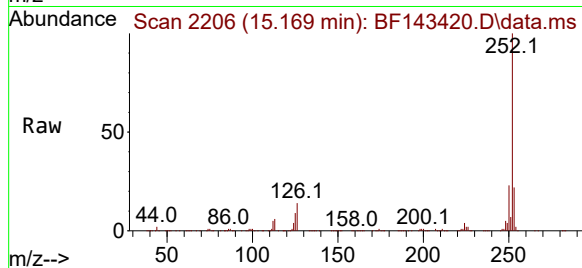
Tgt Ion:252 Resp: 594473

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 9.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 40.866 ng

RT: 15.510 min Scan# 2264

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

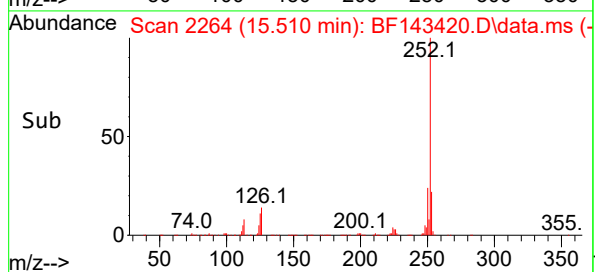
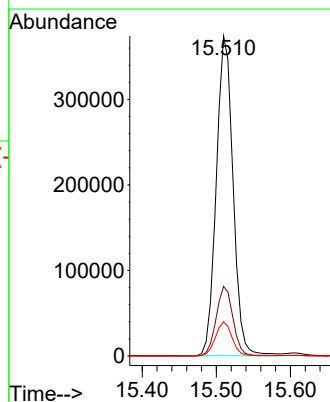
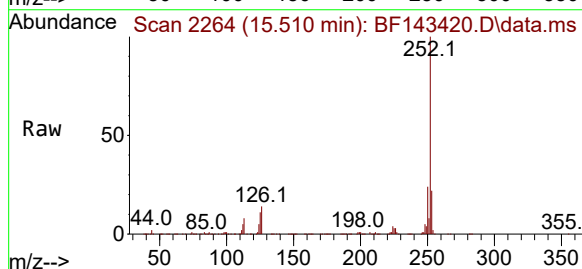
Tgt Ion:252 Resp: 589150

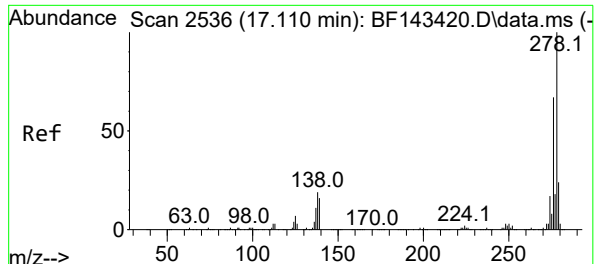
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 10.7 8.6 12.8

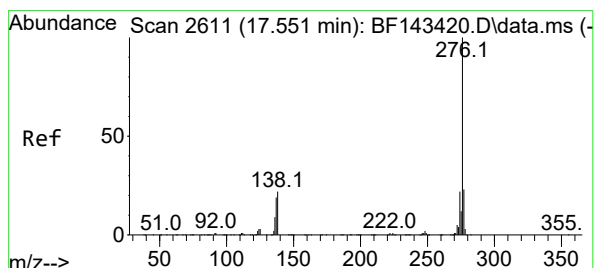
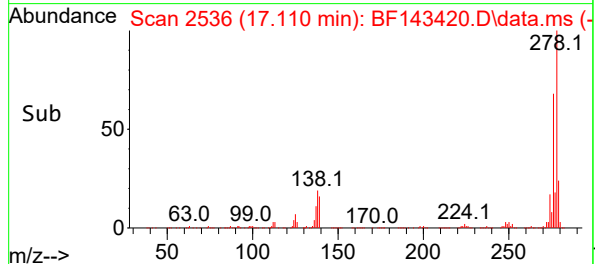
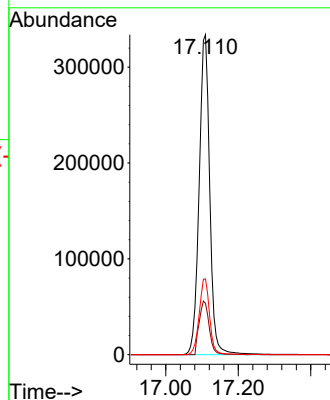
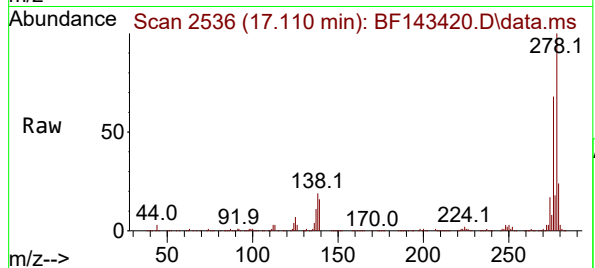




#91
Dibenzo(a,h)anthracene
Concen: 39.953 ng
RT: 17.110 min Scan# 2536
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

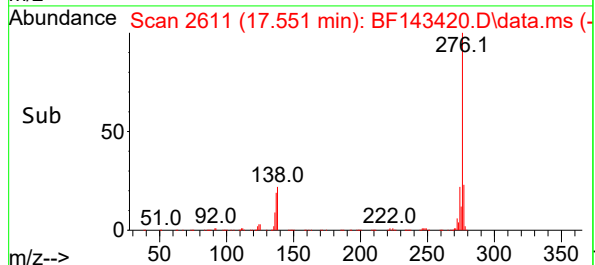
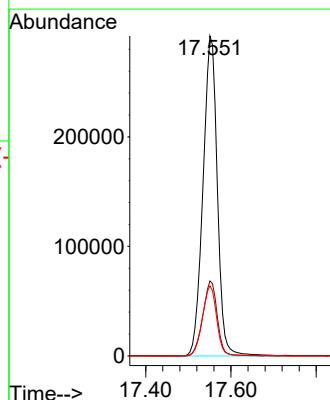
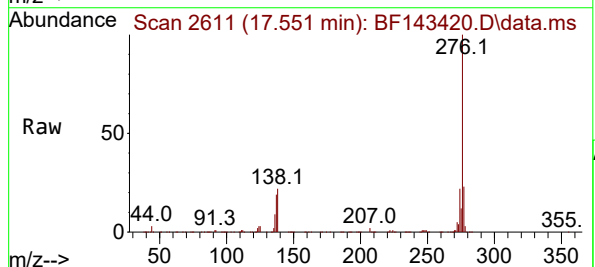
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 679495
Ion Ratio Lower Upper
278 100
139 16.1 12.9 19.3
279 23.7 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 40.113 ng
RT: 17.551 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:276 Resp: 681509
Ion Ratio Lower Upper
276 100
277 23.4 18.7 28.1
138 21.9 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143421.D
 Acq On : 15 Aug 2025 16:58
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Aug 15 18:28:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:23:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	130868	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	501440	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	269402	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	399933	20.000	ng	0.00
76) Chrysene-d12	14.086	240	212755	20.000	ng	0.00
86) Perylene-d12	15.574	264	292857	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	720631	95.722	ng	0.00
7) Phenol-d6	6.563	99	905039	95.393	ng	0.00
23) Nitrobenzene-d5	7.487	82	826629	97.821	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	230532	96.140	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1446406	90.305	ng	0.00
79) Terphenyl-d14	13.027	244	1124159	88.761	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	175435	48.412	ng	99
3) Pyridine	3.510	79	478644	50.361	ng	99
4) n-Nitrosodimethylamine	3.452	42	220531	49.920	ng	100
6) Aniline	6.593	93	622834	48.357	ng	97
8) 2-Chlorophenol	6.716	128	395716	47.611	ng	99
9) Benzaldehyde	6.481	77	208469	41.304	ng	99
10) Phenol	6.575	94	530907	47.954	ng	100
11) bis(2-Chloroethyl)ether	6.663	93	394817	48.110	ng	98
12) 1,3-Dichlorobenzene	6.869	146	436132	46.843	ng	99
13) 1,4-Dichlorobenzene	6.946	146	443461	47.709	ng	99
14) 1,2-Dichlorobenzene	7.098	146	420628	47.378	ng	100
15) Benzyl Alcohol	7.069	79	346568	49.533	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	658959	46.969	ng	97
17) 2-Methylphenol	7.181	107	323714	47.736	ng	99
18) Hexachloroethane	7.440	117	150926	47.703	ng	98
19) n-Nitroso-di-n-propyla...	7.340	70	271764	46.269	ng	98
20) 3+4-Methylphenols	7.334	107	381880	47.097	ng	97
22) Acetophenone	7.334	105	494892	45.903	ng	98
24) Nitrobenzene	7.510	77	432934	49.019	ng	97
25) Isophorone	7.751	82	771184	47.682	ng	99
26) 2-Nitrophenol	7.828	139	212674	51.944	ng	97
27) 2,4-Dimethylphenol	7.863	122	328110	47.397	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	468573	47.135	ng	99
29) 2,4-Dichlorophenol	8.069	162	339906	48.167	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	343045	47.443	ng	100
31) Naphthalene	8.234	128	1117518	46.943	ng	100
32) Benzoic acid	7.981	122	182945	51.056	ng	98
33) 4-Chloroaniline	8.275	127	414537	48.241	ng	100
34) Hexachlorobutadiene	8.351	225	218677	47.427	ng	98
35) Caprolactam	8.651	113	100206	49.321	ng	97
36) 4-Chloro-3-methylphenol	8.757	107	352945	48.562	ng	99
37) 2-Methylnaphthalene	8.922	142	742483	46.270	ng	99
38) 1-Methylnaphthalene	9.022	142	716623	46.612	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	358160	47.670	ng	99
41) Hexachlorocyclopentadiene	9.081	237	129004	49.794	ng	98
43) 2,4,6-Trichlorophenol	9.198	196	229793	49.030	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143421.D
 Acq On : 15 Aug 2025 16:58
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

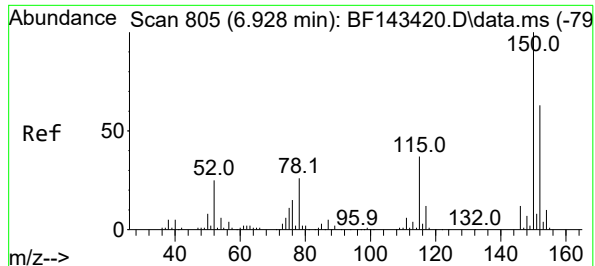
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:23:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	249336	49.630	ng	99
46) 1,1'-Biphenyl	9.387	154	886393	46.828	ng	100
47) 2-Chloronaphthalene	9.410	162	706570	47.289	ng	99
48) 2-Nitroaniline	9.504	65	223540	50.274	ng	97
49) Acenaphthylene	9.822	152	1023016	47.421	ng	100
50) Dimethylphthalate	9.675	163	793803	47.261	ng	100
51) 2,6-Dinitrotoluene	9.739	165	168362	50.849	ng	99
52) Acenaphthene	9.998	154	686068	47.284	ng	100
53) 3-Nitroaniline	9.910	138	184361	49.986	ng	100
54) 2,4-Dinitrophenol	10.022	184	68752	47.214	ng	98
55) Dibenzofuran	10.169	168	974240	46.545	ng	99
56) 4-Nitrophenol	10.075	139	119993	51.748	ng	98
57) 2,4-Dinitrotoluene	10.145	165	221081	50.082	ng	99
58) Fluorene	10.510	166	727083	45.217	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	190929	50.205	ng	98
60) Diethylphthalate	10.381	149	710763	45.793	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	371115	46.681	ng	98
62) 4-Nitroaniline	10.528	138	166617	48.306	ng	99
63) Azobenzene	10.663	77	736604	46.957	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	107140	51.921	ng	97
66) n-Nitrosodiphenylamine	10.616	169	623583	47.953	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	231927	49.109	ng	99
68) Hexachlorobenzene	11.063	284	241672	48.135	ng	99
69) Atrazine	11.139	200	184670	48.552	ng	99
70) Pentachlorophenol	11.257	266	116662	52.337	ng	99
71) Phenanthrene	11.475	178	1007589	46.525	ng	100
72) Anthracene	11.528	178	1024065	46.817	ng	99
73) Carbazole	11.675	167	848940	45.888	ng	99
74) Di-n-butylphthalate	12.004	149	850780	46.180	ng	100
75) Fluoranthene	12.663	202	844131	43.866	ng	99
77) Benzidine	12.775	184	261682	43.448	ng	99
78) Pyrene	12.892	202	849028	45.913	ng	99
80) Butylbenzylphthalate	13.498	149	239484	52.286	ng	99
81) Benzo(a)anthracene	14.074	228	644570	47.587	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	205554	51.831	ng	100
83) Chrysene	14.110	228	614856	49.101	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	364131	55.980	ng	99
85) Di-n-octyl phthalate	14.669	149	733517	55.599	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	1072706	48.845	ng	100
88) Benzo(b)fluoranthene	15.139	252	753963	48.035	ng	99
89) Benzo(k)fluoranthene	15.168	252	748201	48.329	ng	100
90) Benzo(a)pyrene	15.516	252	738784	49.418	ng	99
91) Dibenzo(a,h)anthracene	17.110	278	855766	48.523	ng	100
92) Benzo(g,h,i)perylene	17.557	276	863384	49.005	ng	99

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

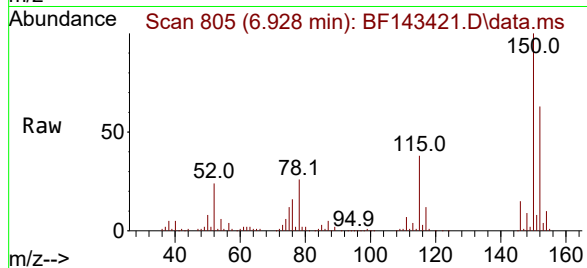
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ClientSampleId :
SSTDICC050

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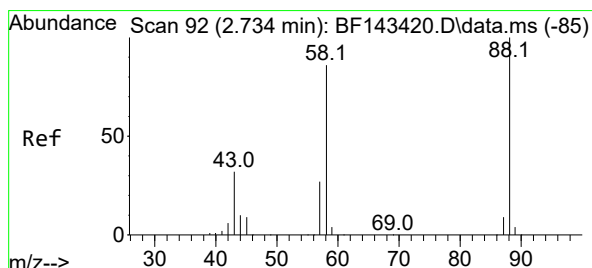
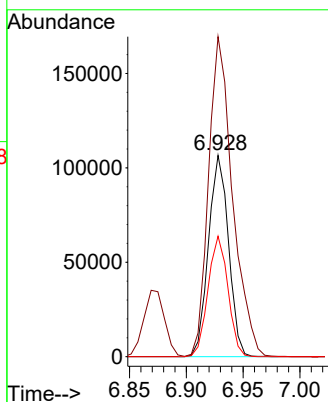
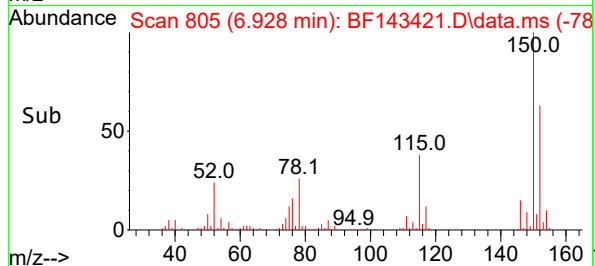


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

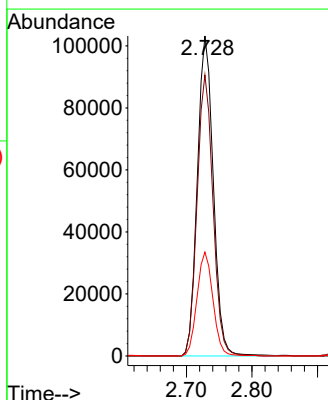
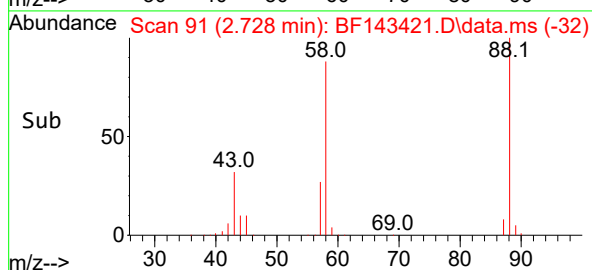
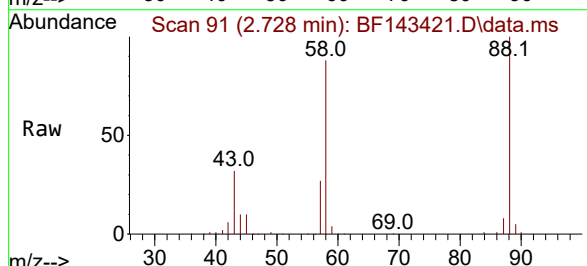


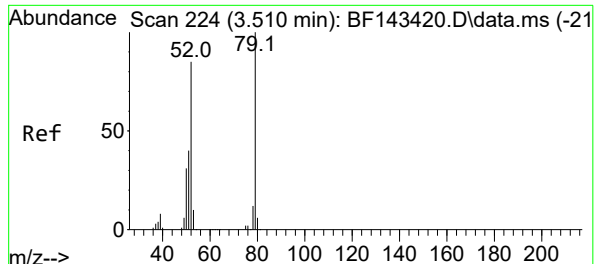
Tgt Ion:152 Resp: 130868
Ion Ratio Lower Upper
152 100
150 159.0 127.4 191.2
115 59.8 47.5 71.3



#2
1,4-Dioxane
Concen: 48.412 ng
RT: 2.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion: 88 Resp: 175435
Ion Ratio Lower Upper
88 100
58 87.4 68.7 103.1
43 32.4 26.1 39.1





#3

Pyridine

Concen: 50.361 ng

RT: 3.510 min Scan# 214

Delta R.T. -0.000 min

Lab File: BF143421.D

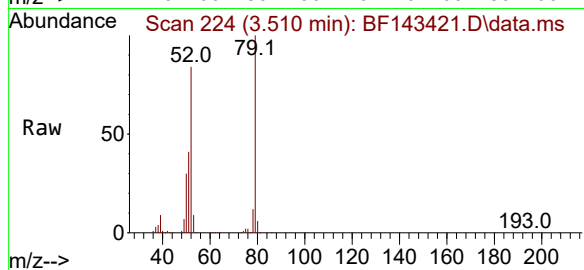
Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



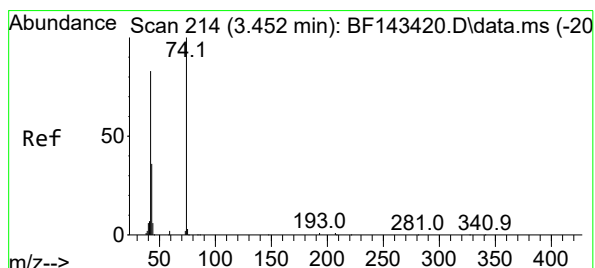
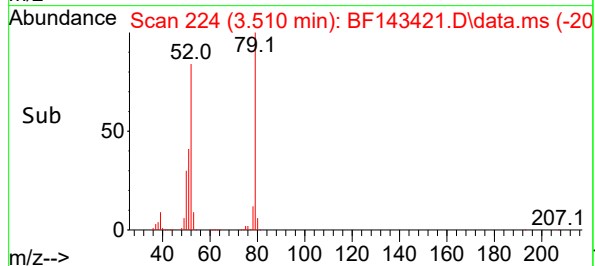
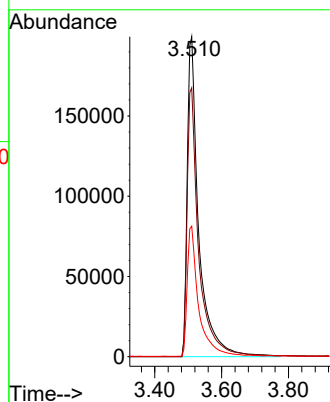
Tgt Ion: 79 Resp: 478644

Ion Ratio Lower Upper

79 100

52 84.0 67.7 101.5

51 40.8 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 49.920 ng

RT: 3.452 min Scan# 214

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

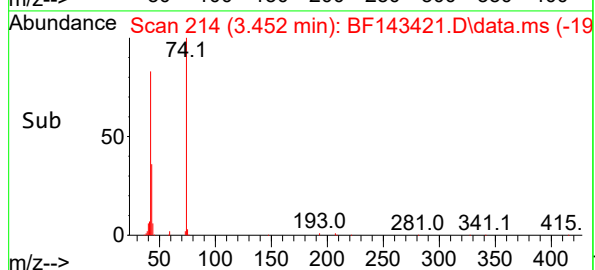
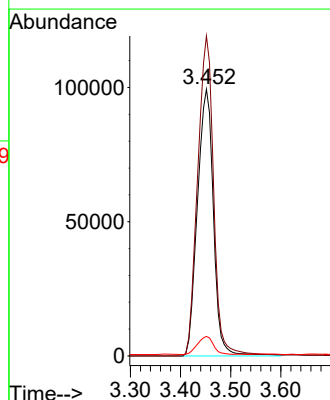
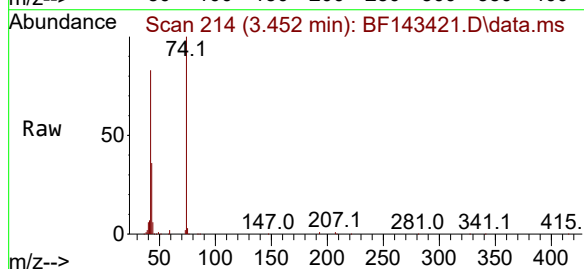
Tgt Ion: 42 Resp: 220531

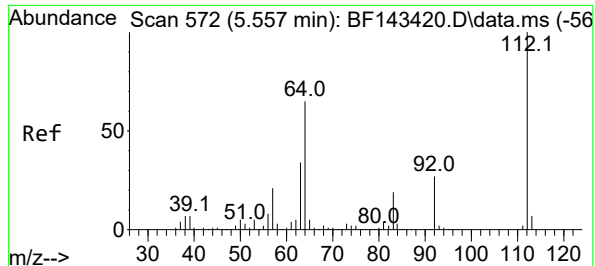
Ion Ratio Lower Upper

42 100

74 119.9 96.2 144.4

44 7.3 5.9 8.9

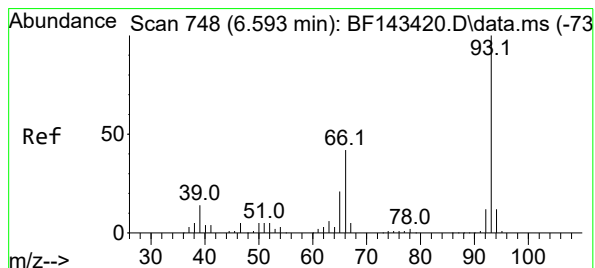
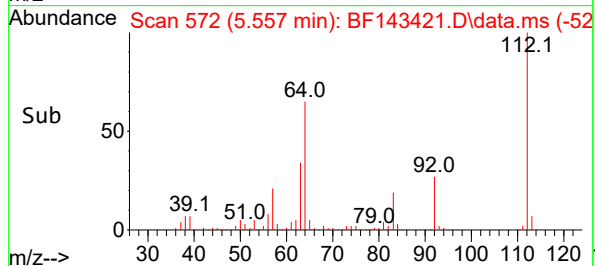
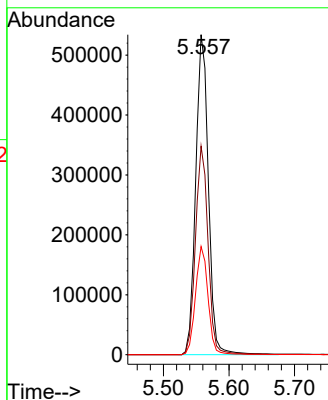
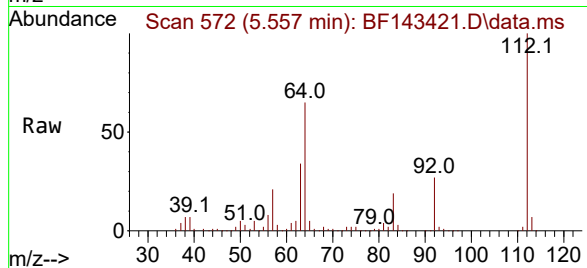




#5
2-Fluorophenol
Concen: 95.722 ng
RT: 5.557 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

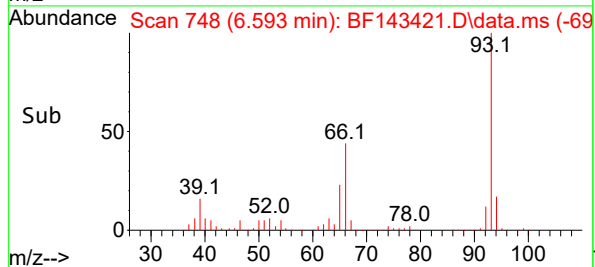
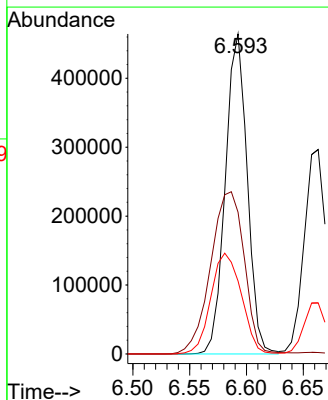
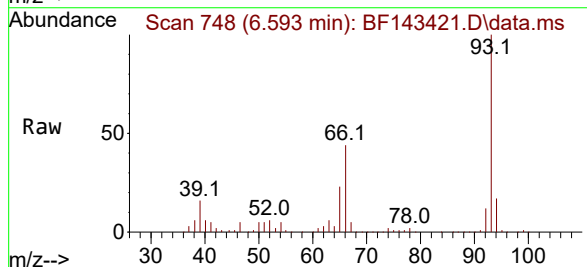
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

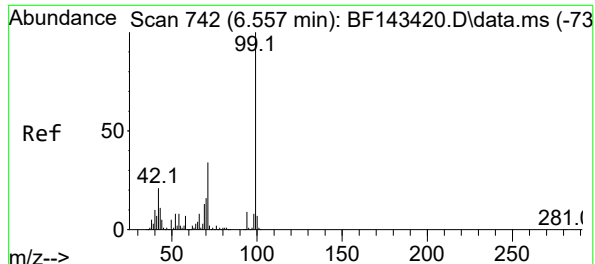
Tgt Ion:112 Resp: 720631
Ion Ratio Lower Upper
112 100
64 65.2 52.2 78.2
63 33.8 27.0 40.6



#6
Aniline
Concen: 48.357 ng
RT: 6.593 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion: 93 Resp: 622834
Ion Ratio Lower Upper
93 100
66 44.3 33.8 50.8
65 22.8 17.2 25.8

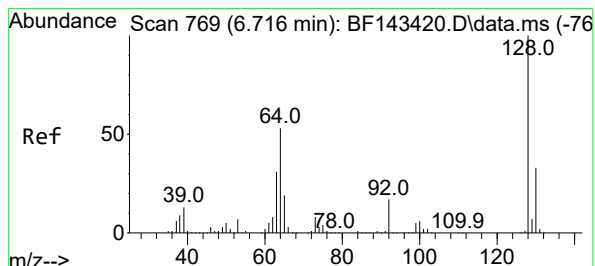
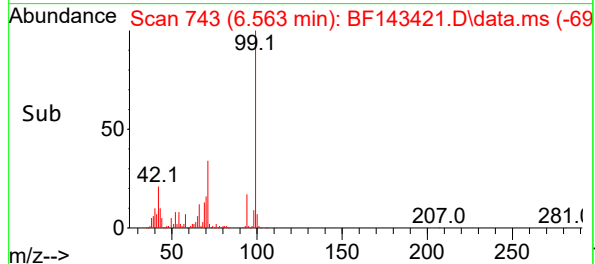
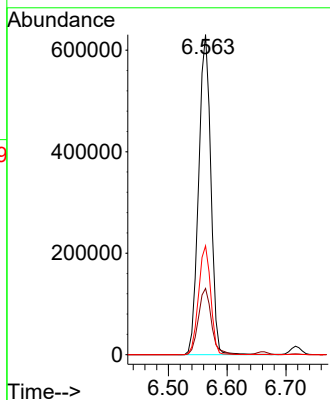
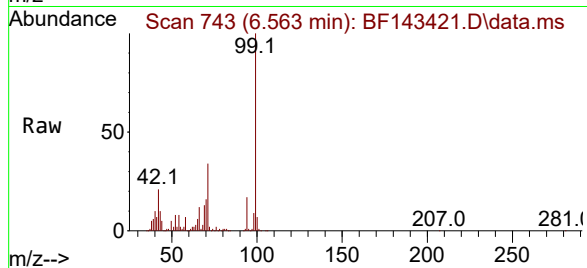




#7
Phenol-d6
Concen: 95.393 ng
RT: 6.563 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

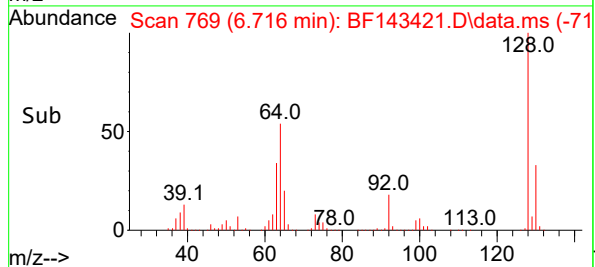
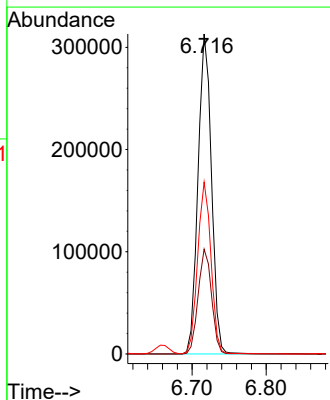
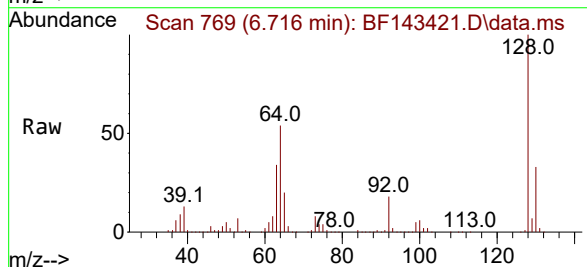
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

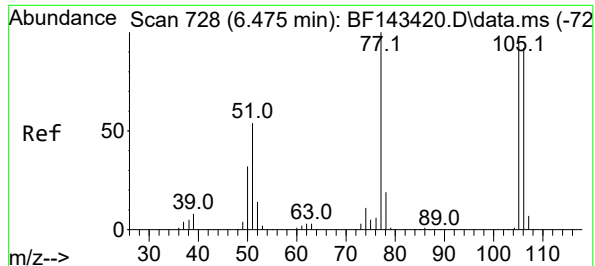
Tgt Ion: 99 Resp: 905039
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 34.0 27.4 41.2



#8
2-Chlorophenol
Concen: 47.611 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion: 128 Resp: 395716
Ion Ratio Lower Upper
128 100
130 32.7 12.9 52.9
64 53.7 33.1 73.1





#9
Benzaldehyde

Concen: 41.304 ng

RT: 6.481 min Scan# 728

Delta R.T. 0.006 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

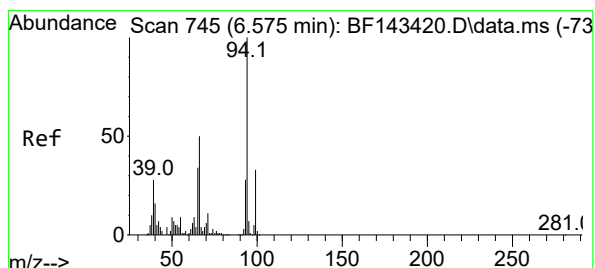
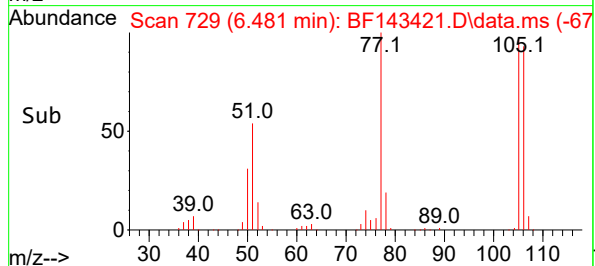
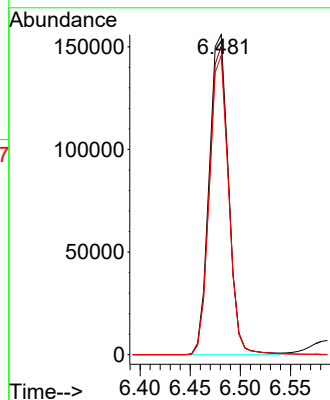
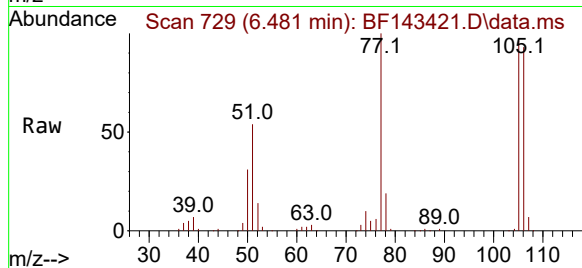
Tgt Ion: 77 Resp: 208469

Ion Ratio Lower Upper

77 100

105 96.3 75.5 115.5

106 93.5 72.0 112.0



#10

Phenol

Concen: 47.954 ng

RT: 6.575 min Scan# 745

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

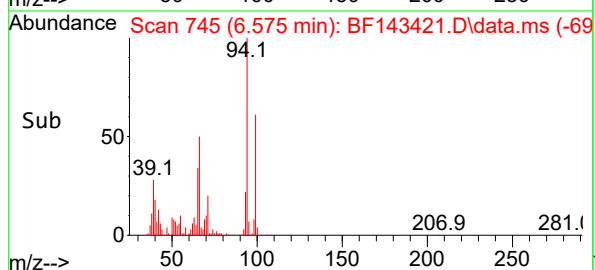
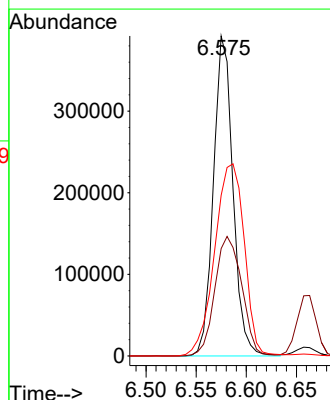
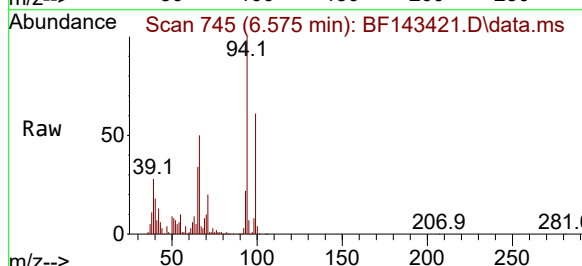
Tgt Ion: 94 Resp: 530907

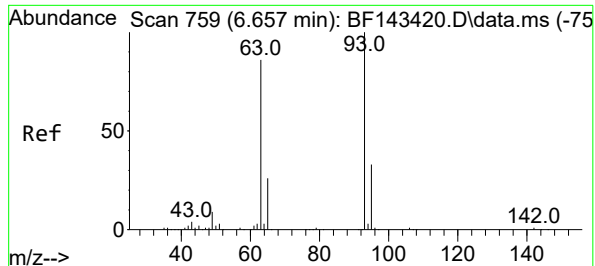
Ion Ratio Lower Upper

94 100

65 33.5 13.7 53.7

66 50.2 30.3 70.3





#11

bis(2-Chloroethyl)ether

Concen: 48.110 ng

RT: 6.663 min Scan# 7

Delta R.T. 0.006 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

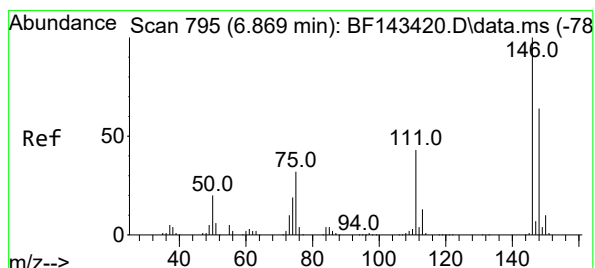
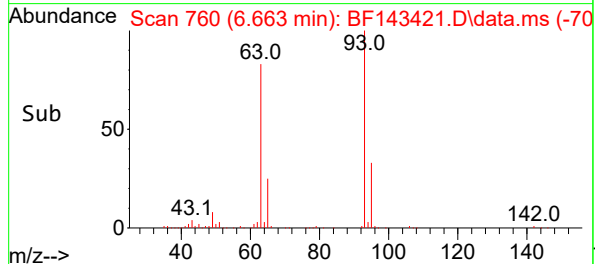
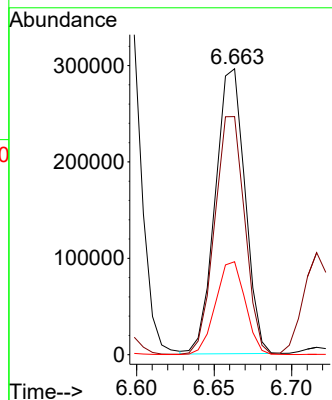
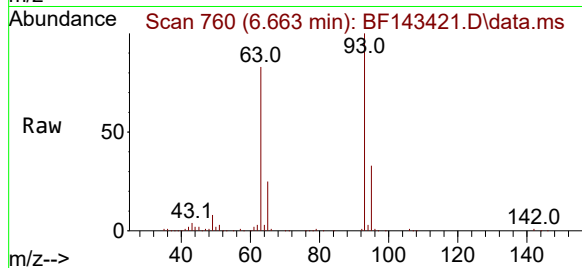
Tgt Ion: 93 Resp: 394817

Ion Ratio Lower Upper

93 100

63 83.3 65.4 105.4

95 32.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 46.843 ng

RT: 6.869 min Scan# 795

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

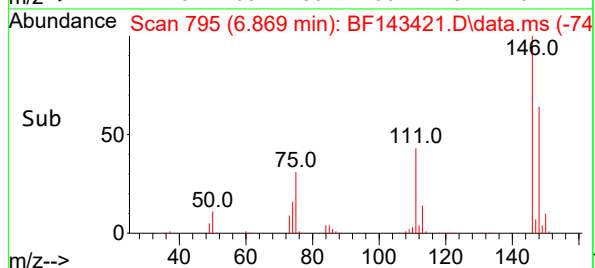
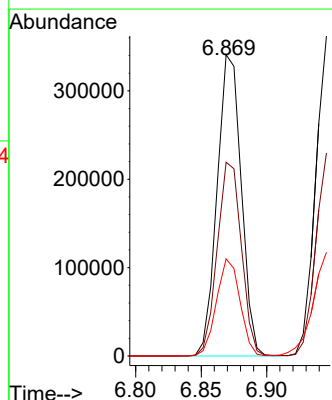
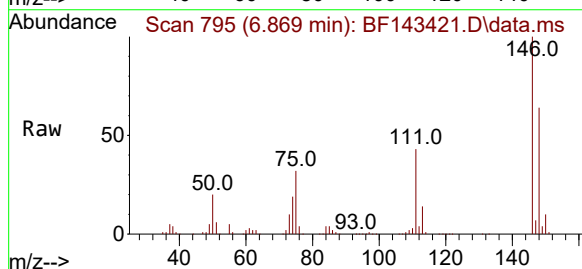
Tgt Ion:146 Resp: 436132

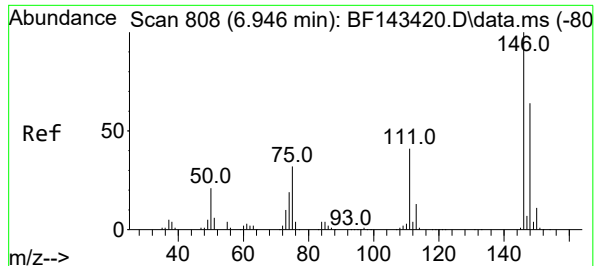
Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.4

75 32.2 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 47.709 ng

RT: 6.946 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

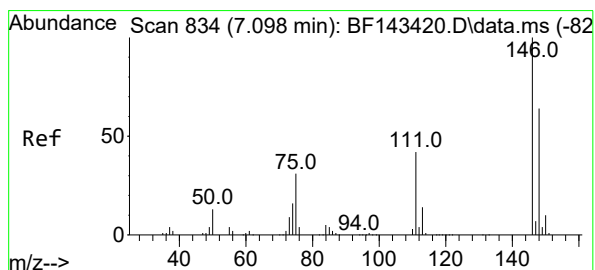
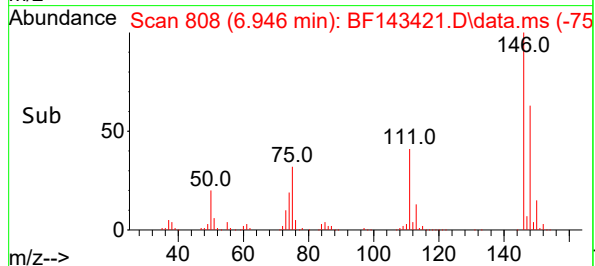
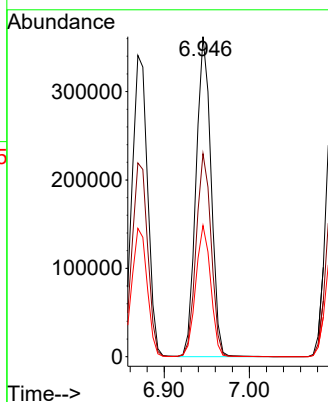
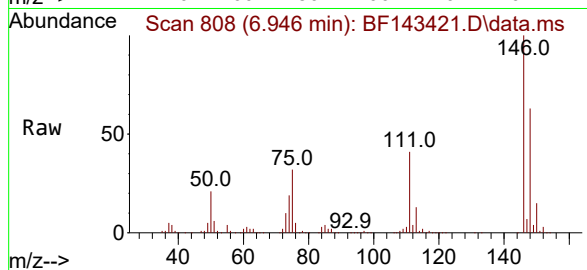
Tgt Ion:146 Resp: 443461

Ion Ratio Lower Upper

146 100

148 63.5 51.1 76.7

111 41.0 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 47.378 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

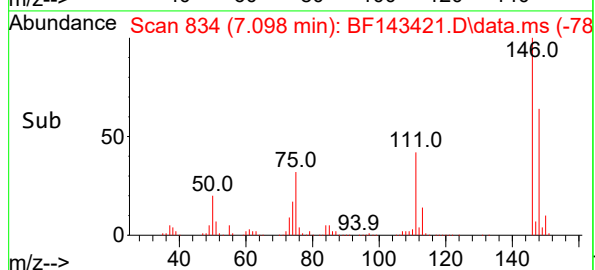
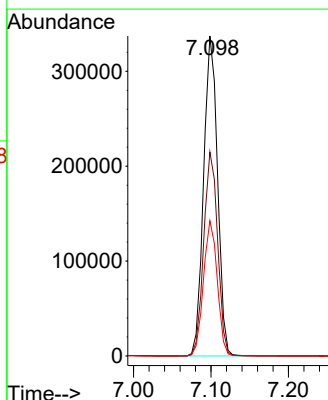
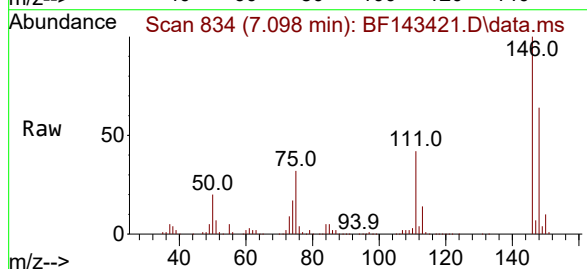
Tgt Ion:146 Resp: 420628

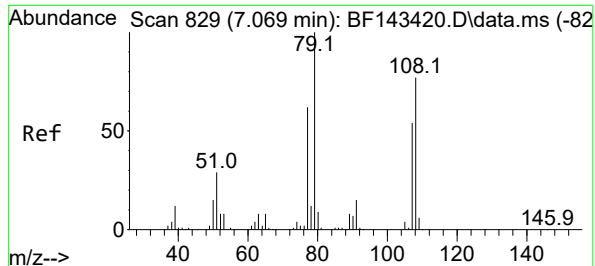
Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.0

111 42.2 33.9 50.9





#15

Benzyl Alcohol

Concen: 49.533 ng

RT: 7.069 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

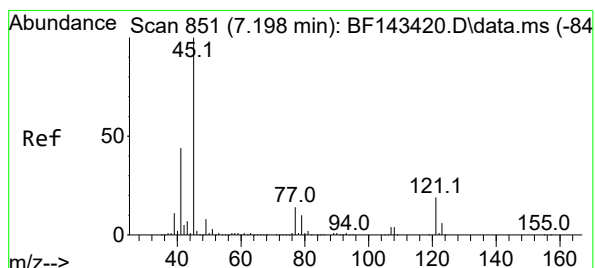
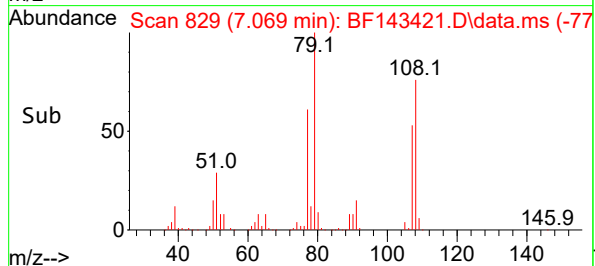
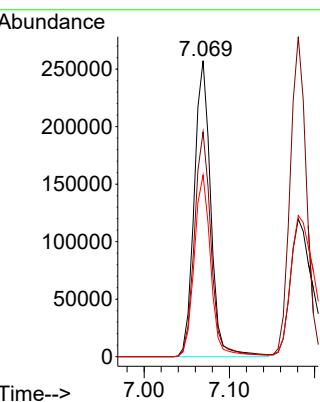
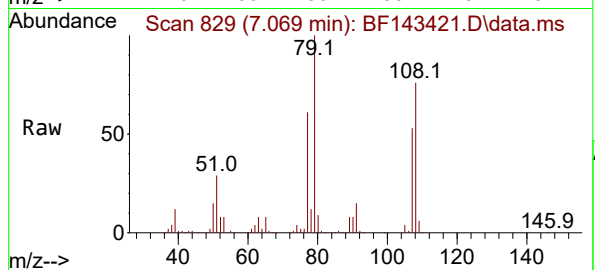
Tgt Ion: 79 Resp: 346568

Ion Ratio Lower Upper

79 100

108 75.9 61.9 92.9

77 61.4 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.969 ng

RT: 7.198 min Scan# 851

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

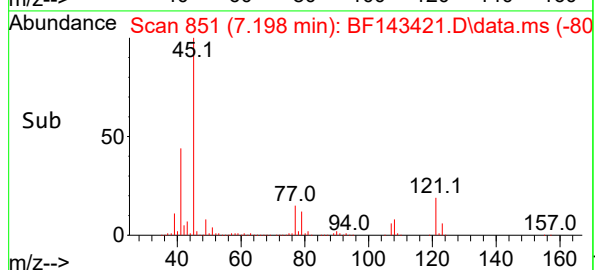
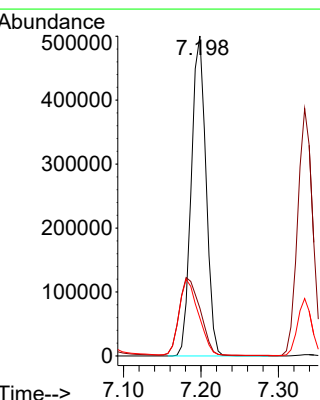
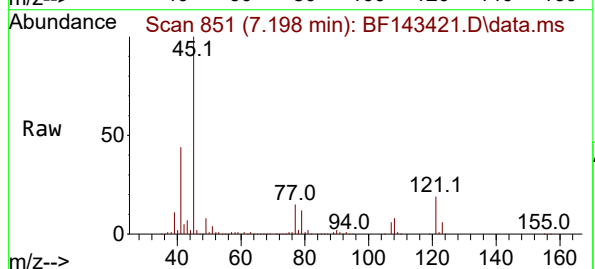
Tgt Ion: 45 Resp: 658959

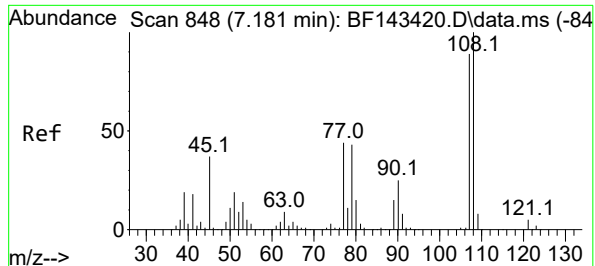
Ion Ratio Lower Upper

45 100

77 15.0 0.0 33.9

79 11.9 0.0 30.7

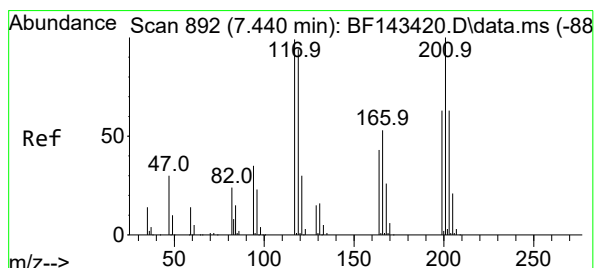
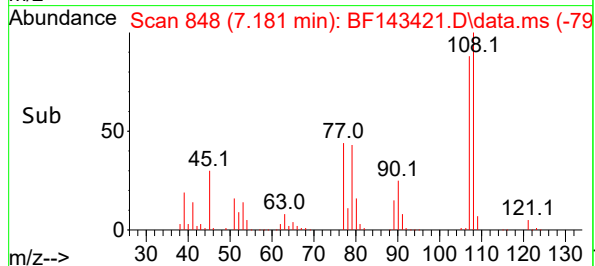
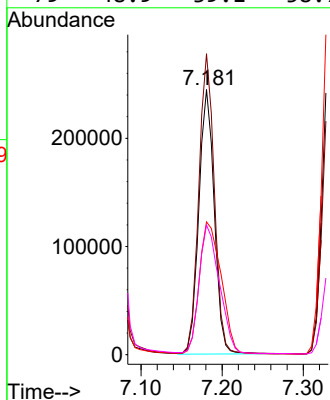
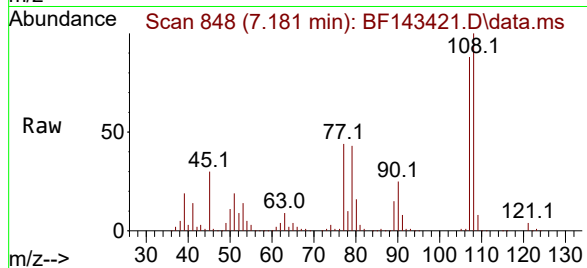




#17
2-Methylphenol
Concen: 47.736 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

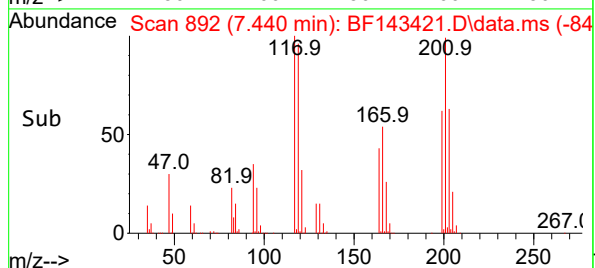
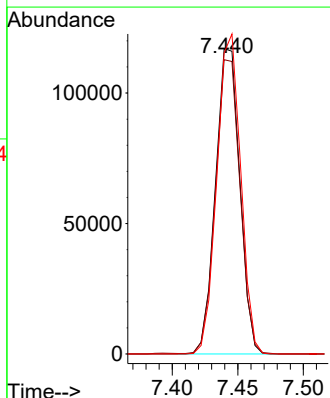
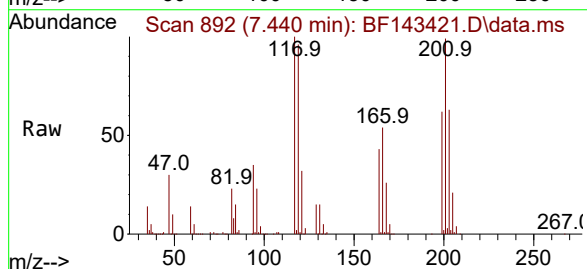
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

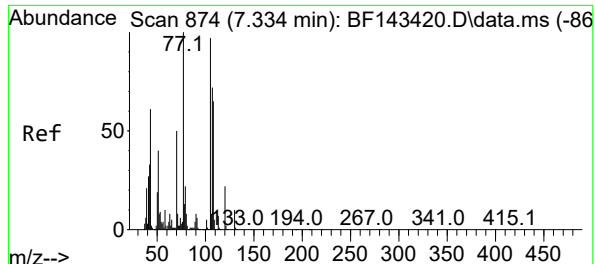
Tgt Ion:107 Resp: 323714
Ion Ratio Lower Upper
107 100
108 113.6 90.1 135.1
77 50.1 39.9 59.9
79 48.9 39.1 58.7



#18
Hexachloroethane
Concen: 47.703 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:117 Resp: 150926
Ion Ratio Lower Upper
117 100
119 96.4 76.6 114.8
201 98.6 81.0 121.4





#19

n-Nitroso-di-n-propylamine

Concen: 46.269 ng

RT: 7.340 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 271764

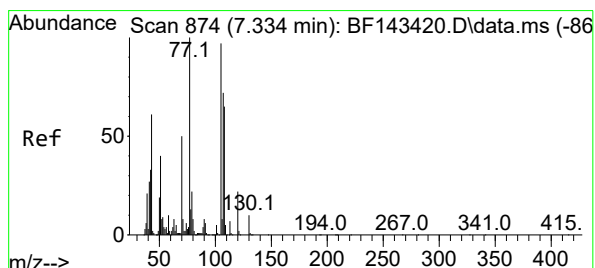
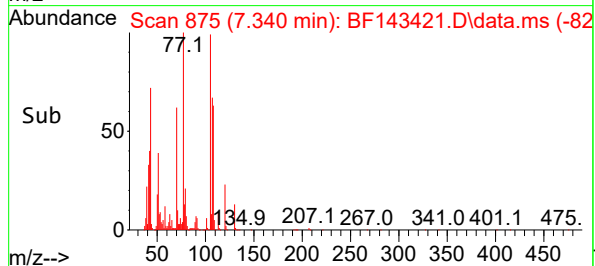
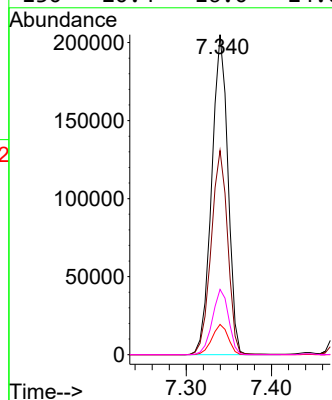
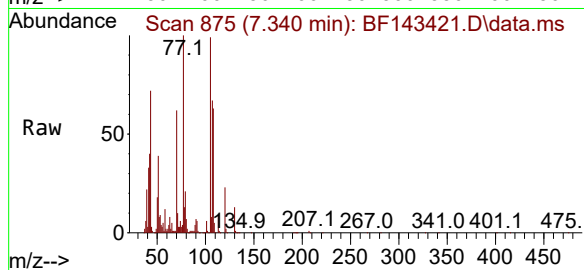
Ion Ratio Lower Upper

70 100

42 63.8 52.5 78.7

101 9.5 7.9 11.9

130 20.4 16.0 24.0



#20

3+4-Methylphenols

Concen: 47.097 ng

RT: 7.334 min Scan# 874

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Tgt Ion: 107 Resp: 381880

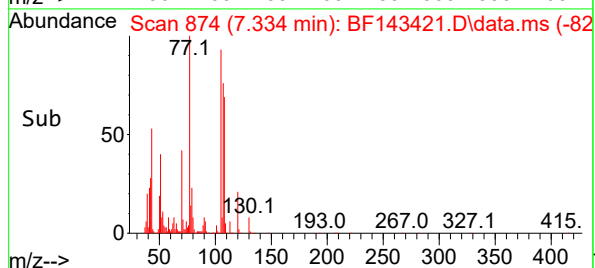
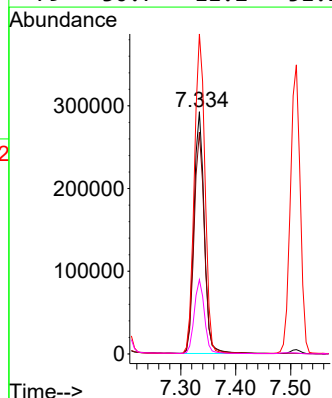
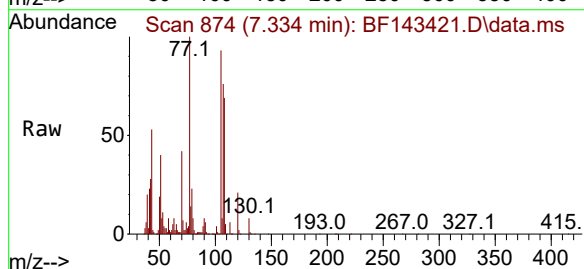
Ion Ratio Lower Upper

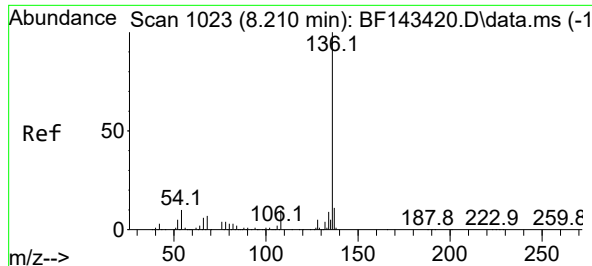
107 100

108 91.6 70.8 110.8

77 132.1 119.1 159.1

79 30.7 11.2 51.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF143421.D

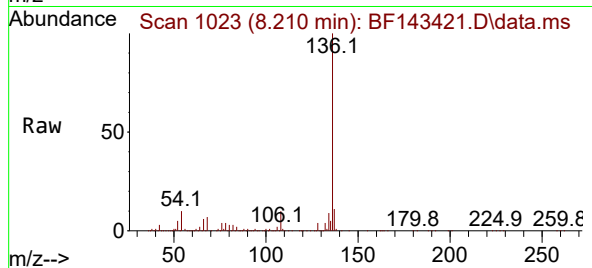
Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:136 Resp: 501440

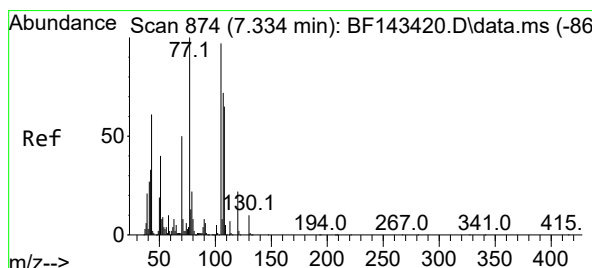
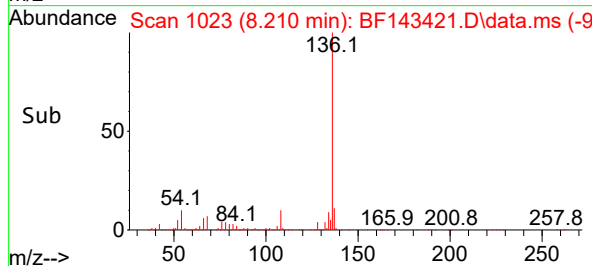
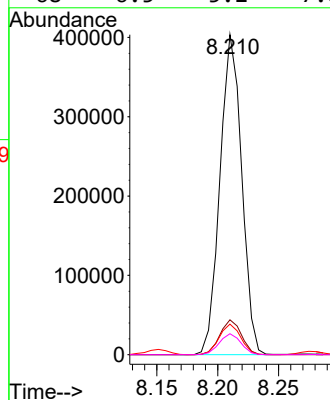
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.6 7.8 11.8

68 6.5 5.2 7.8



#22

Acetophenone

Concen: 45.903 ng

RT: 7.334 min Scan# 874

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Tgt Ion:105 Resp: 494892

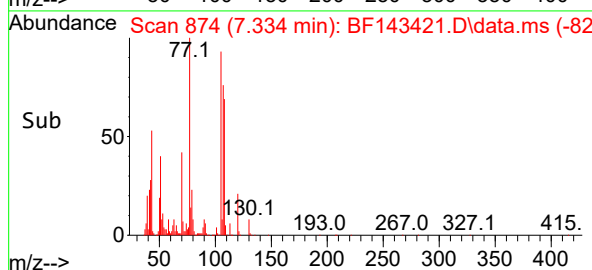
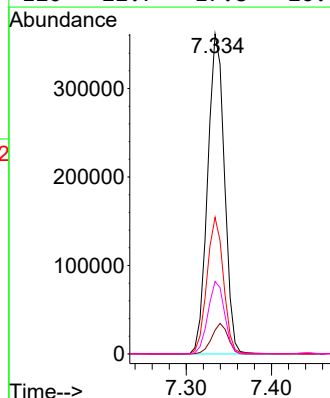
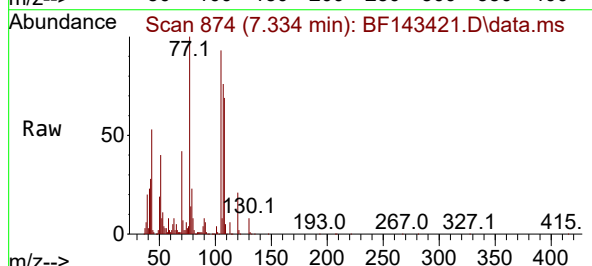
Ion Ratio Lower Upper

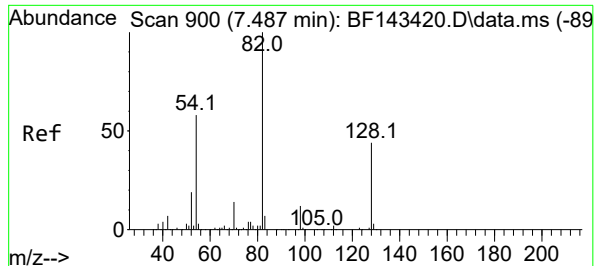
105 100

71 7.5 7.0 10.4

51 42.7 32.7 49.1

120 22.7 17.8 26.8





#23

Nitrobenzene-d5

Concen: 97.821 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

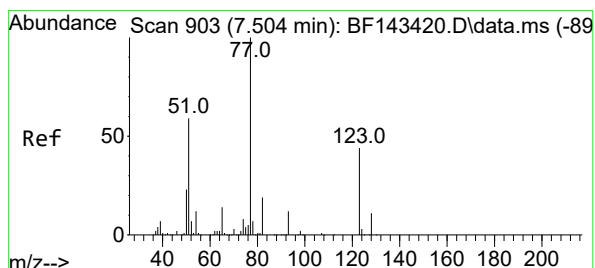
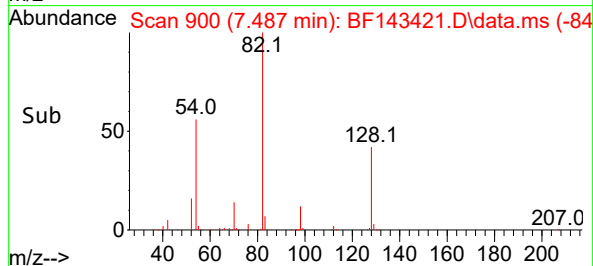
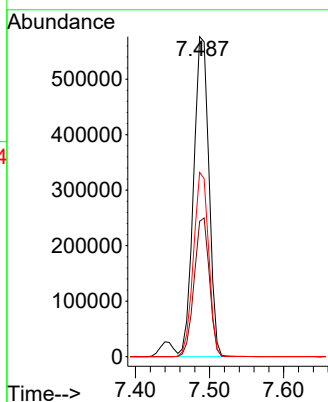
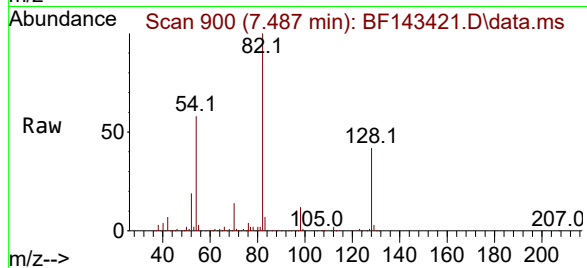
Tgt Ion: 82 Resp: 826629

Ion Ratio Lower Upper

82 100

128 42.3 34.6 52.0

54 57.6 46.0 69.0



#24

Nitrobenzene

Concen: 49.019 ng

RT: 7.510 min Scan# 904

Delta R.T. 0.006 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

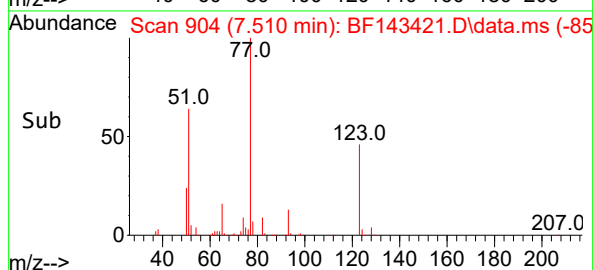
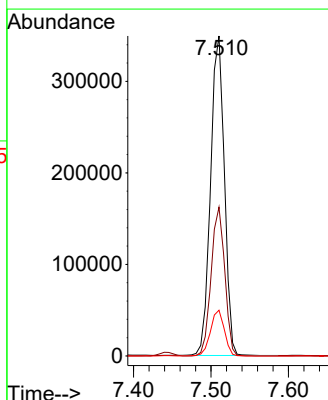
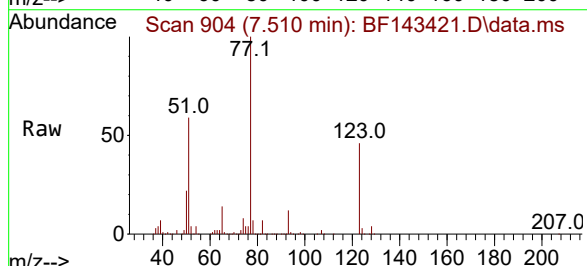
Tgt Ion: 77 Resp: 432934

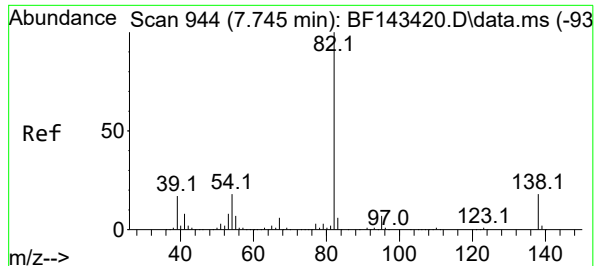
Ion Ratio Lower Upper

77 100

123 46.5 35.4 53.0

65 14.3 11.2 16.8

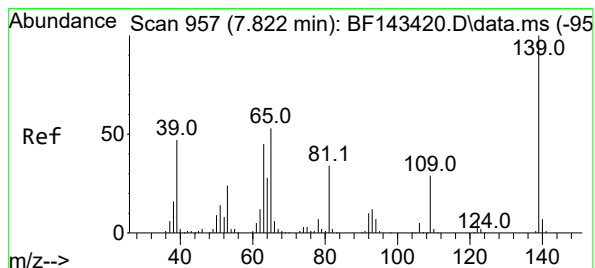
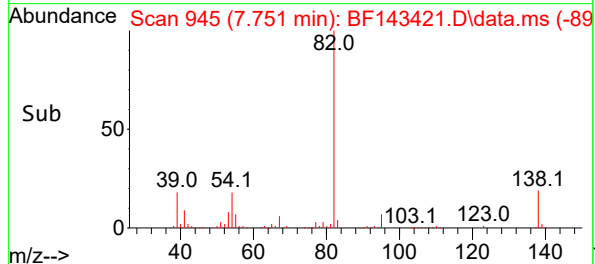
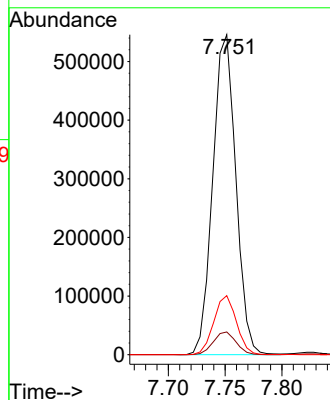
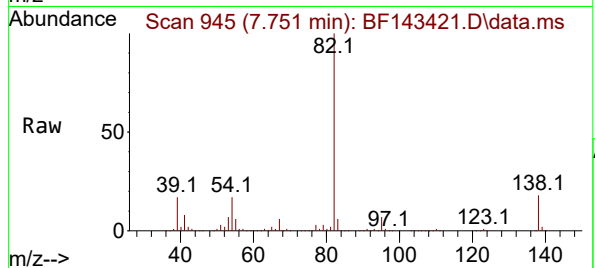




#25
Isophorone
Concen: 47.682 ng
RT: 7.751 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

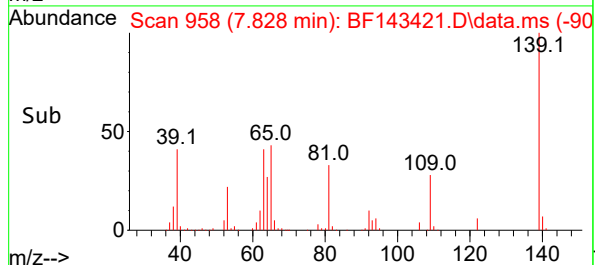
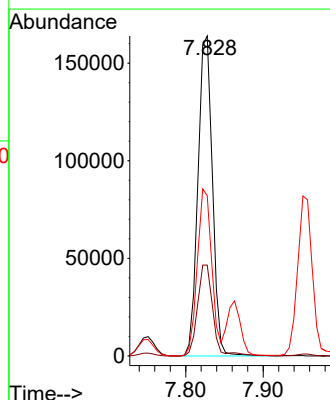
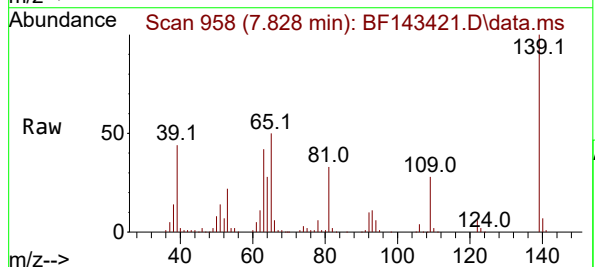
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

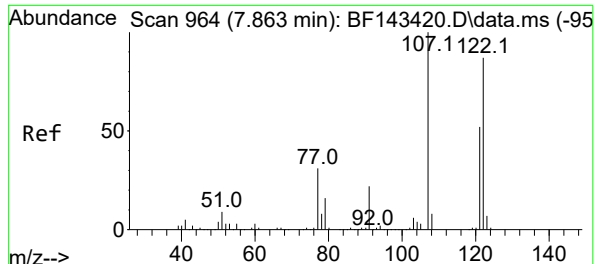
Tgt Ion: 82 Resp: 771184
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.5 14.3 21.5



#26
2-Nitrophenol
Concen: 51.944 ng
RT: 7.828 min Scan# 958
Delta R.T. 0.006 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion: 139 Resp: 212674
Ion Ratio Lower Upper
139 100
109 28.4 23.0 34.4
65 50.1 42.5 63.7





#27

2,4-Dimethylphenol

Concen: 47.397 ng

RT: 7.863 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

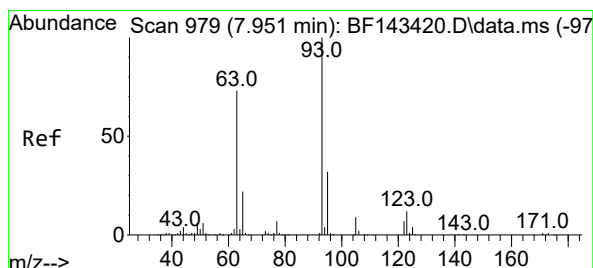
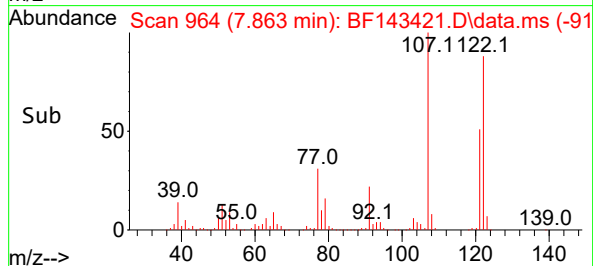
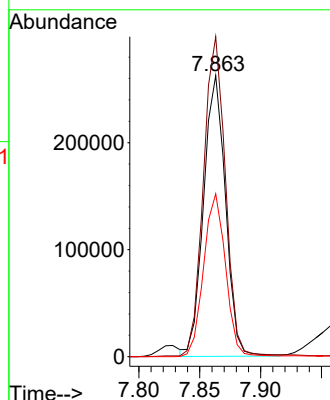
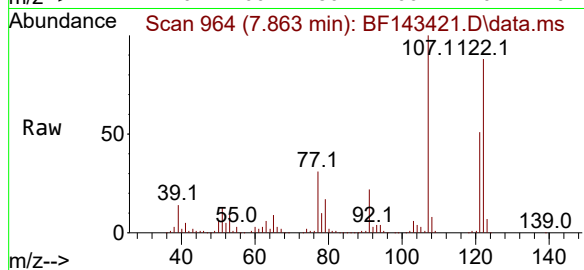
Tgt Ion:122 Resp: 328110

Ion Ratio Lower Upper

122 100

107 113.8 90.4 135.6

121 57.9 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 47.135 ng

RT: 7.951 min Scan# 979

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

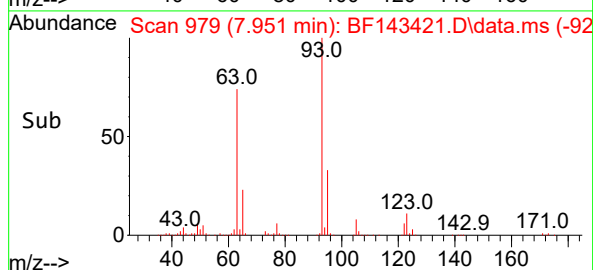
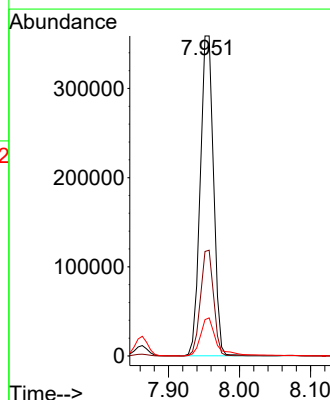
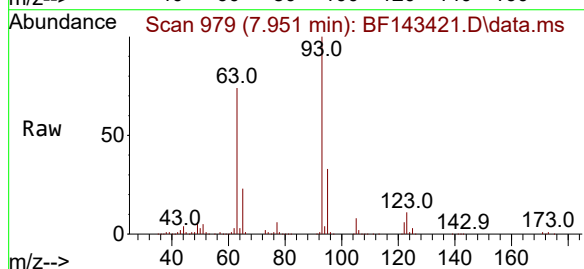
Tgt Ion: 93 Resp: 468573

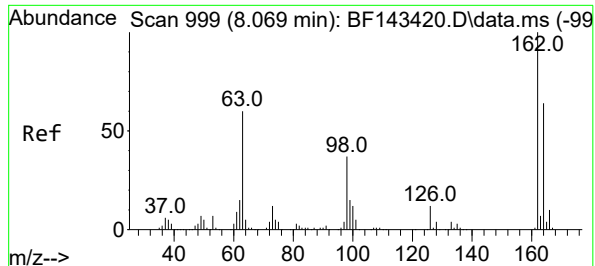
Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

123 11.4 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 48.167 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

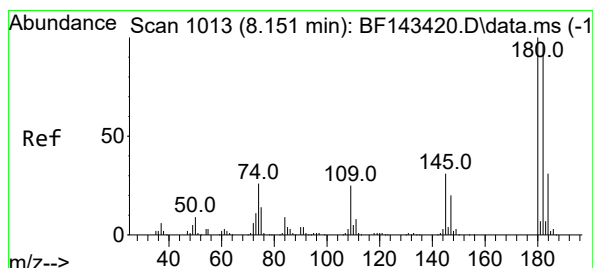
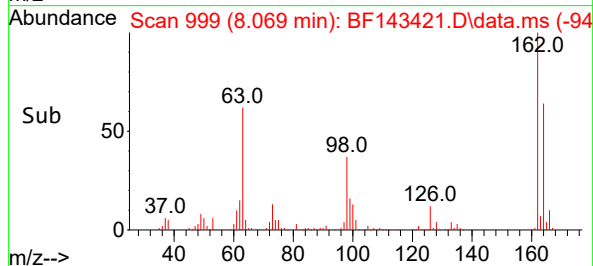
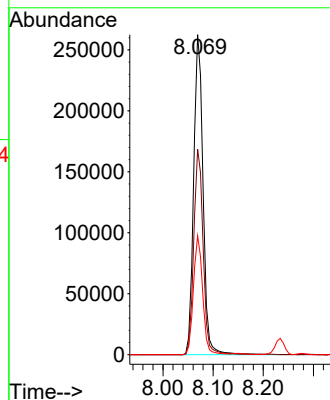
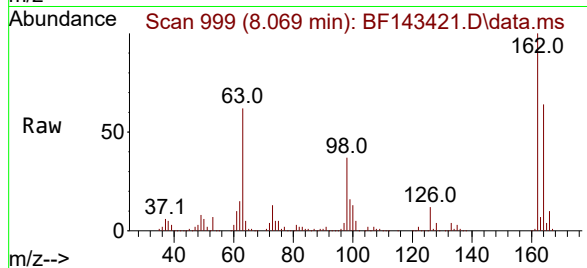
Tgt Ion:162 Resp: 339906

Ion Ratio Lower Upper

162 100

164 64.3 44.3 84.3

98 37.1 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 47.443 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

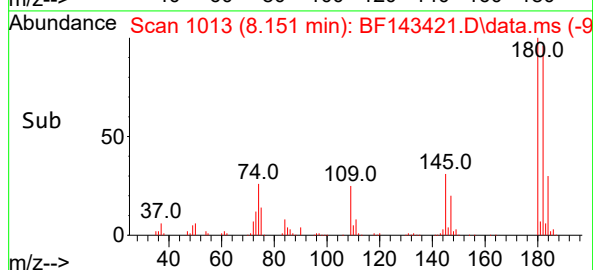
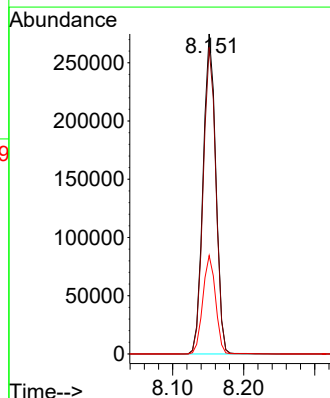
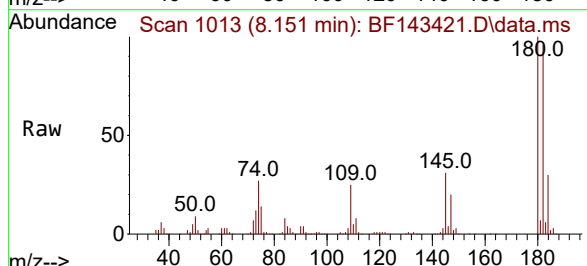
Tgt Ion:180 Resp: 343045

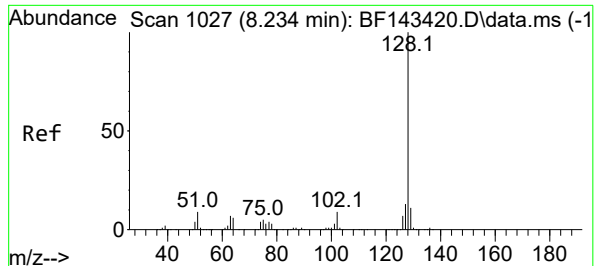
Ion Ratio Lower Upper

180 100

182 95.8 76.7 115.1

145 30.7 24.5 36.7

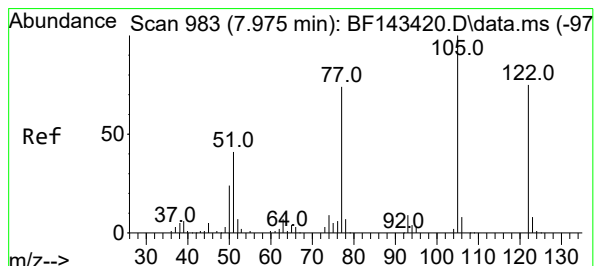
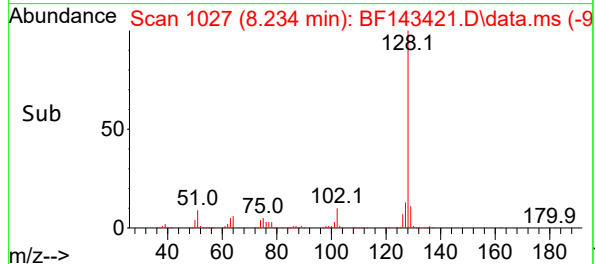
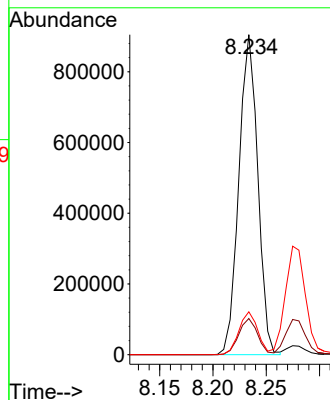
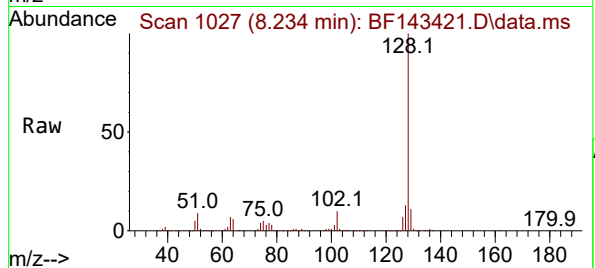




#31
Naphthalene
Concen: 46.943 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

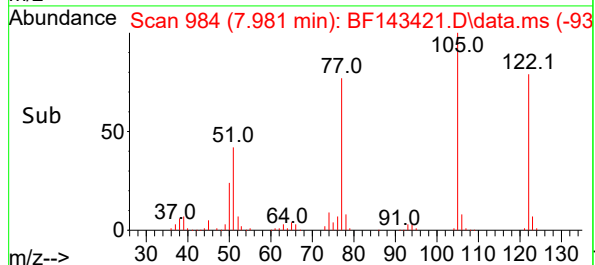
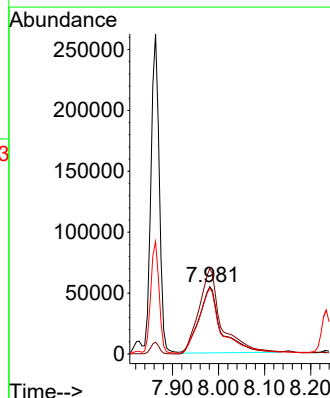
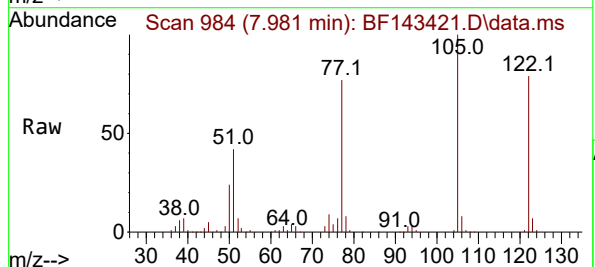
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

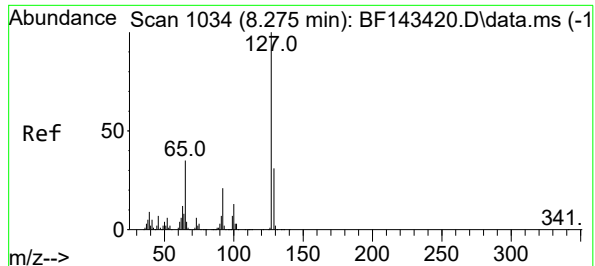
Tgt Ion:128 Resp: 1117518
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 51.056 ng
RT: 7.981 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:122 Resp: 182945
Ion Ratio Lower Upper
122 100
105 127.2 108.4 148.4
77 98.1 75.9 115.9

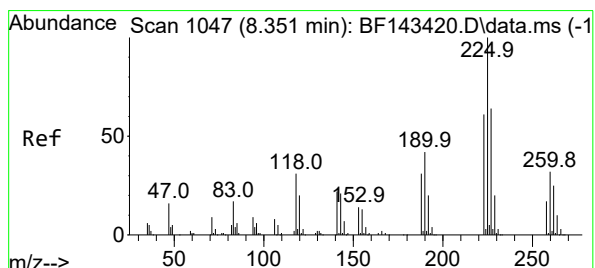
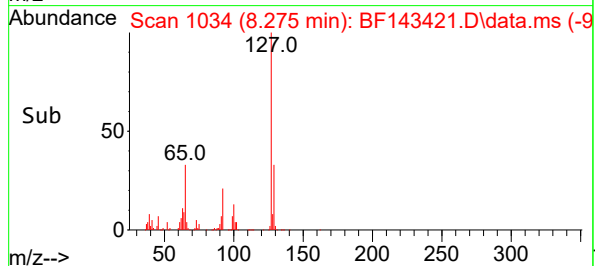
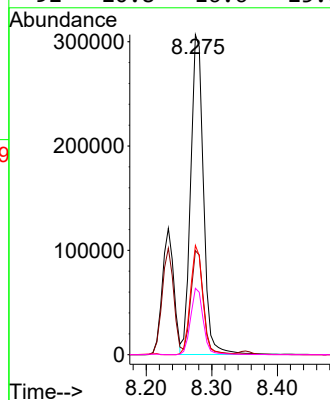
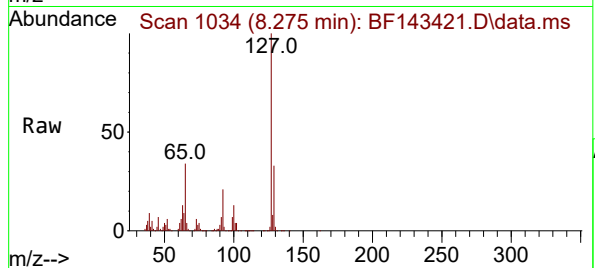




#33
4-Chloroaniline
Concen: 48.241 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

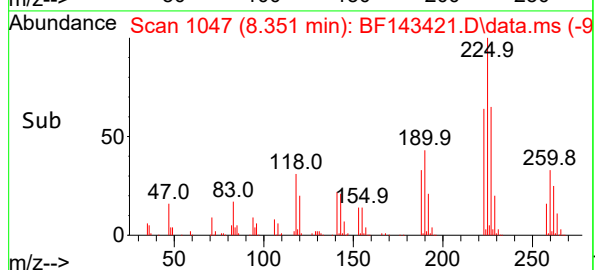
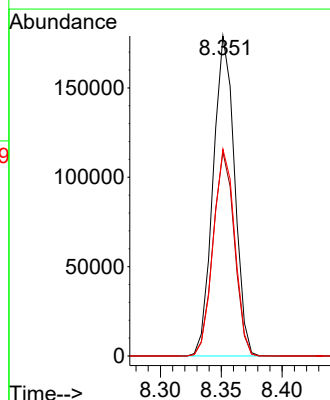
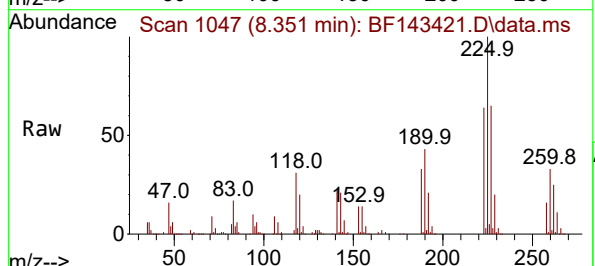
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

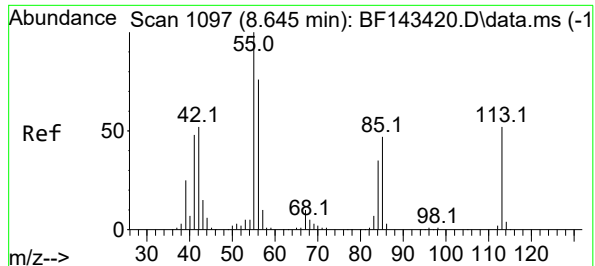
Tgt Ion:	127	Resp:	414537
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.8
65	34.1	27.2	40.8
92	20.8	16.6	25.0



#34
Hexachlorobutadiene
Concen: 47.427 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:	225	Resp:	218677
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.0	73.6
227	64.6	51.1	76.7

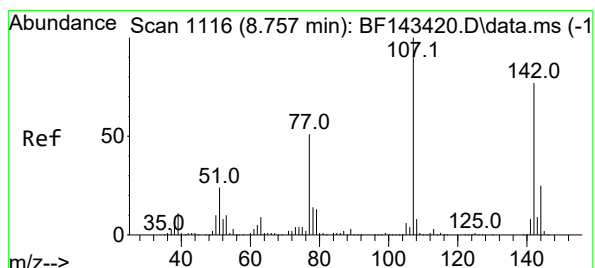
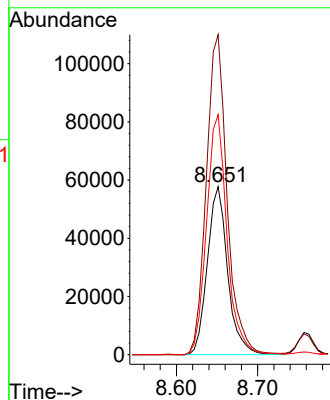
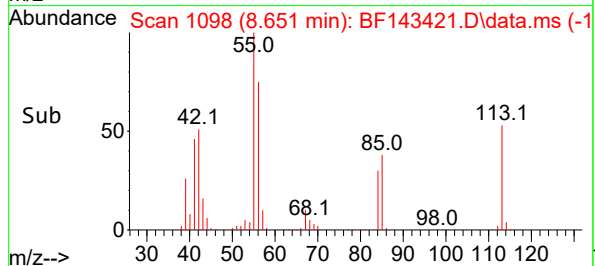
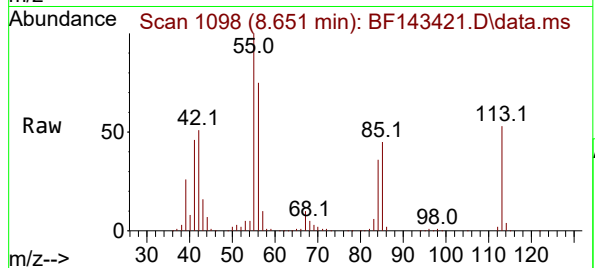




#35
Caprolactam
Concen: 49.321 ng
RT: 8.651 min Scan# 1098
Delta R.T. 0.006 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

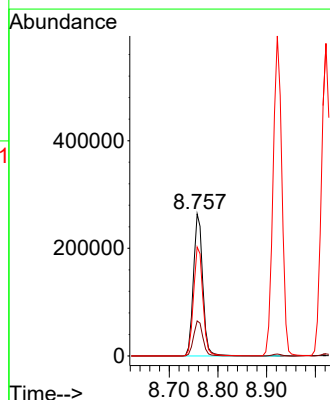
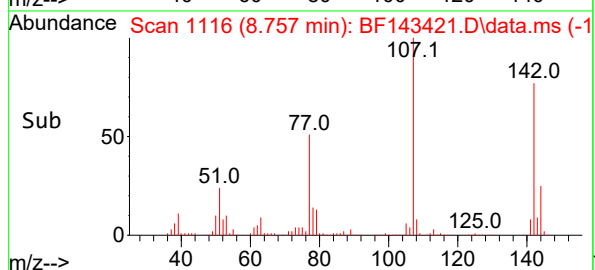
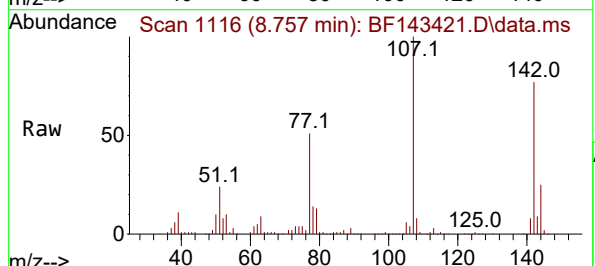
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

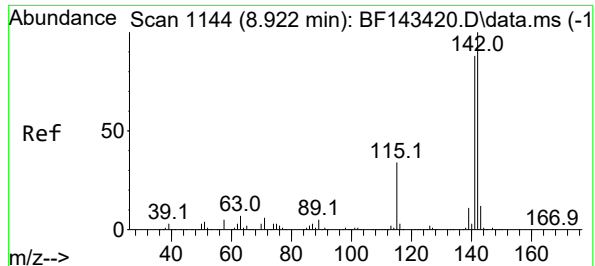
Tgt Ion:113 Resp: 100206
Ion Ratio Lower Upper
113 100
55 190.4 174.7 214.7
56 142.8 127.0 167.0



#36
4-Chloro-3-methylphenol
Concen: 48.562 ng
RT: 8.757 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:107 Resp: 352945
Ion Ratio Lower Upper
107 100
144 24.7 20.2 30.2
142 76.7 62.0 93.0

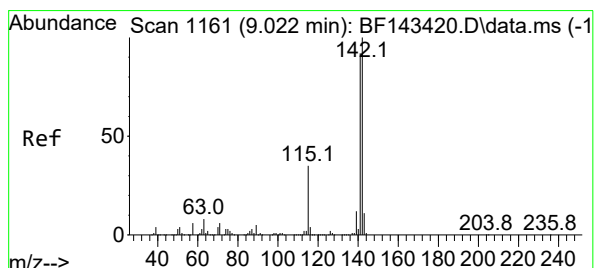
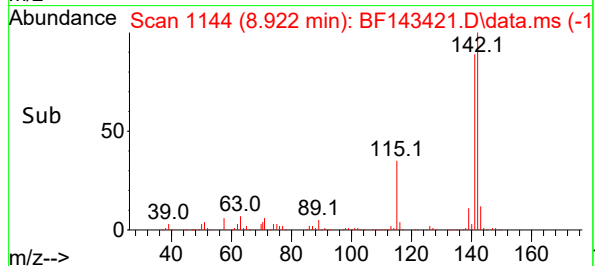
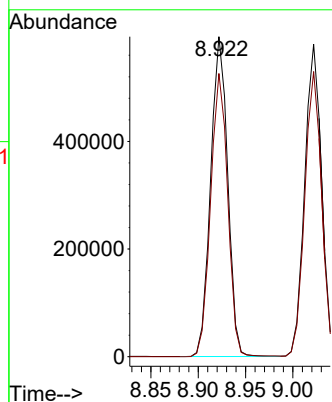
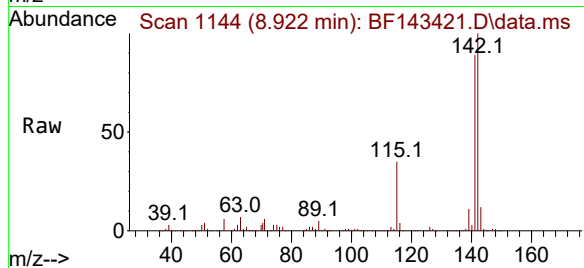




#37
2-Methylnaphthalene
Concen: 46.270 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

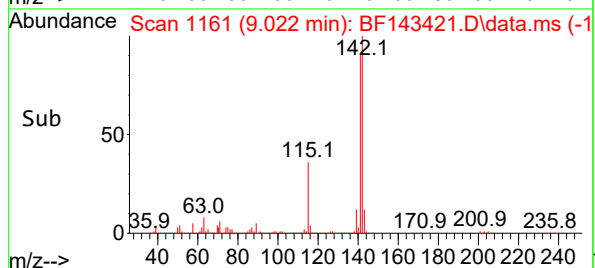
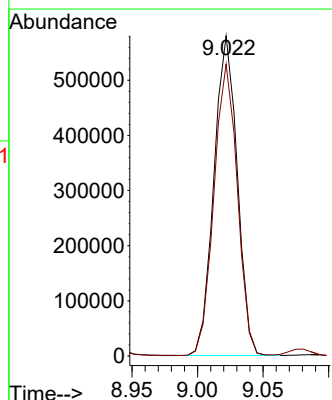
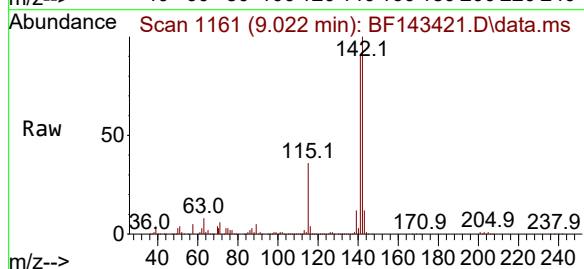
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

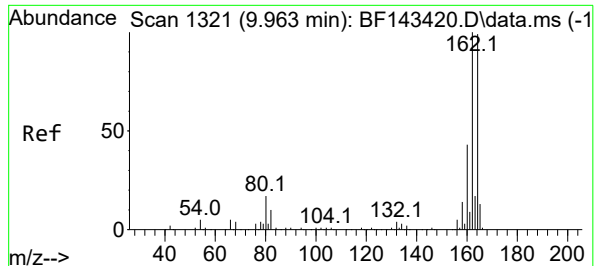
Tgt Ion:142 Resp: 742483
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5



#38
1-Methylnaphthalene
Concen: 46.612 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:142 Resp: 716623
Ion Ratio Lower Upper
142 100
141 91.3 73.8 110.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

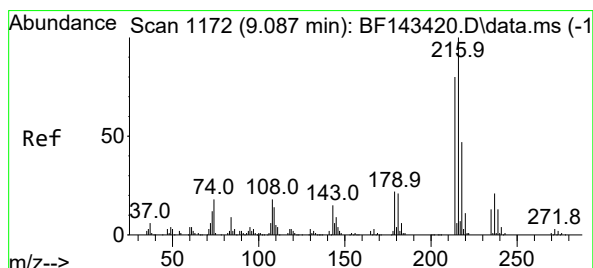
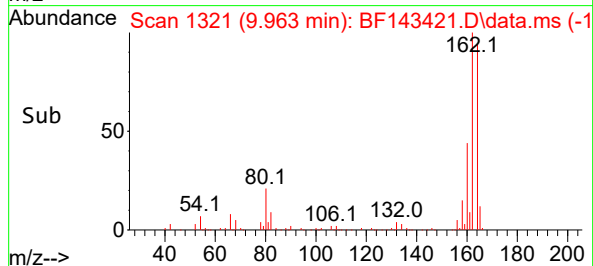
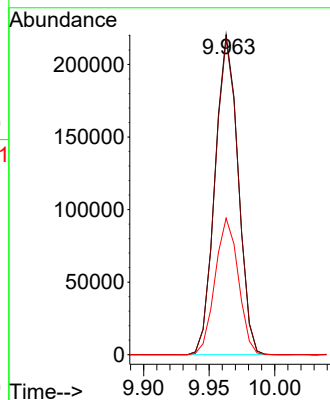
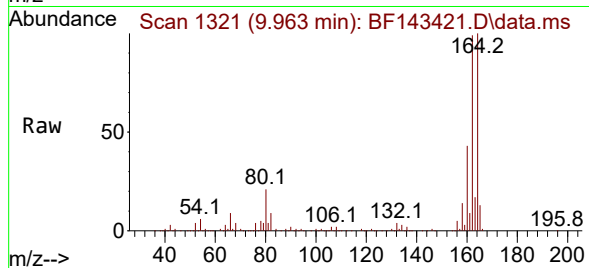
Tgt Ion:164 Resp: 269402

Ion Ratio Lower Upper

164 100

162 98.6 80.6 121.0

160 42.7 34.6 51.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.670 ng

RT: 9.092 min Scan# 1173

Delta R.T. 0.006 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Tgt Ion:216 Resp: 358160

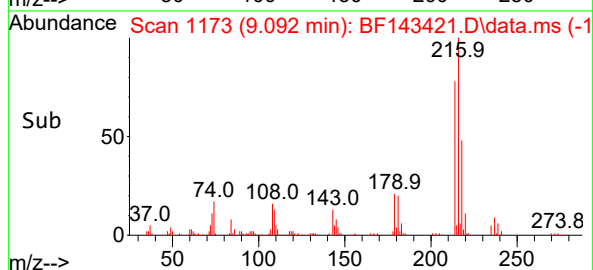
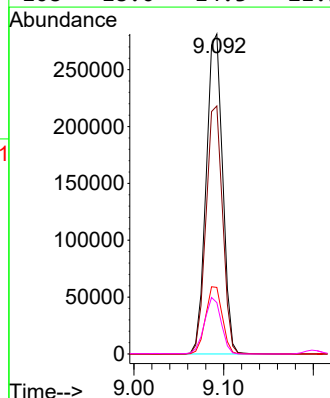
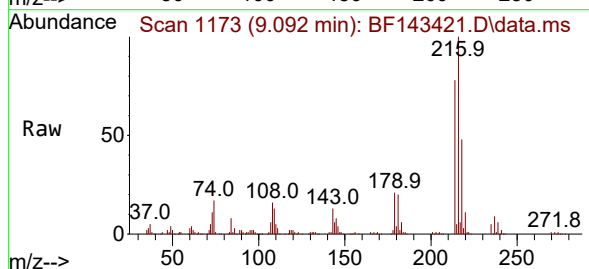
Ion Ratio Lower Upper

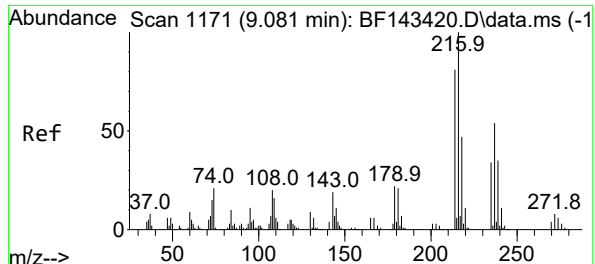
216 100

214 78.1 63.7 95.5

179 21.3 17.0 25.4

108 18.0 14.3 21.5





#41

Hexachlorocyclopentadiene

Concen: 49.794 ng

RT: 9.081 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

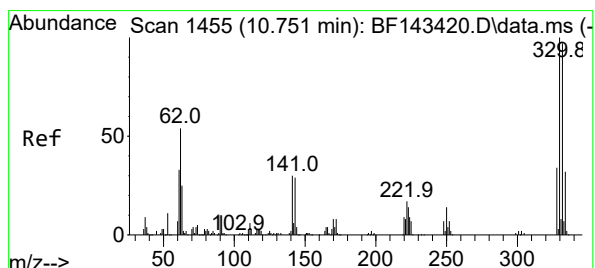
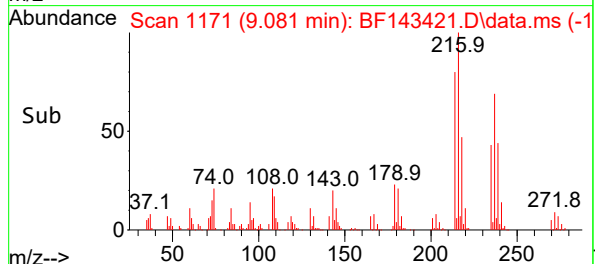
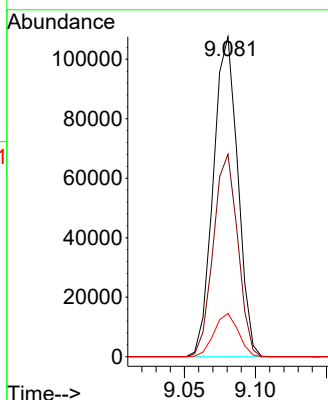
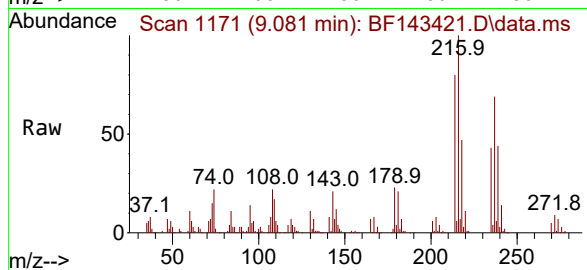
Tgt Ion:237 Resp: 129004

Ion Ratio Lower Upper

237 100

235 63.2 41.6 81.6

272 13.5 0.0 33.8



#42

2,4,6-Tribromophenol

Concen: 96.140 ng

RT: 10.751 min Scan# 1455

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

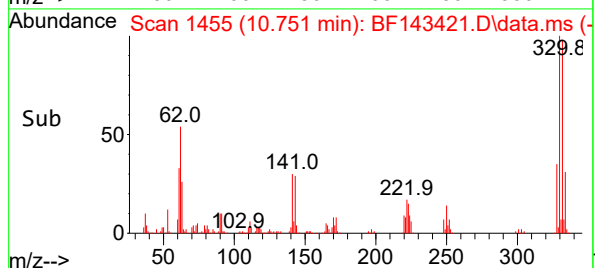
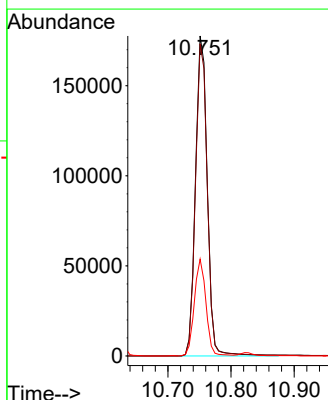
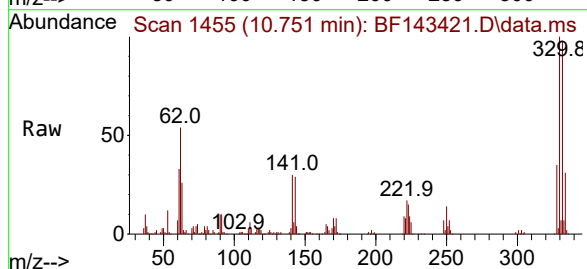
Tgt Ion:330 Resp: 230532

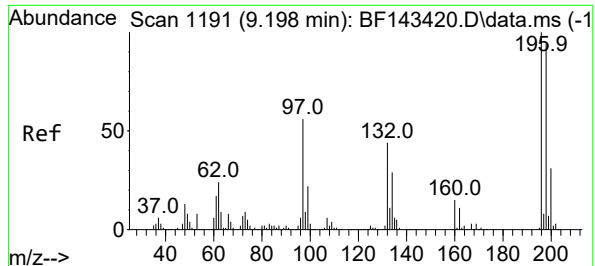
Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.2

141 29.9 24.1 36.1





#43

2,4,6-Trichlorophenol

Concen: 49.030 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

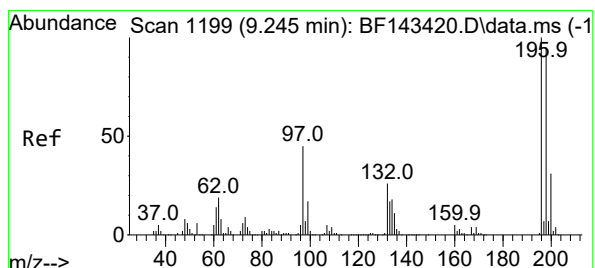
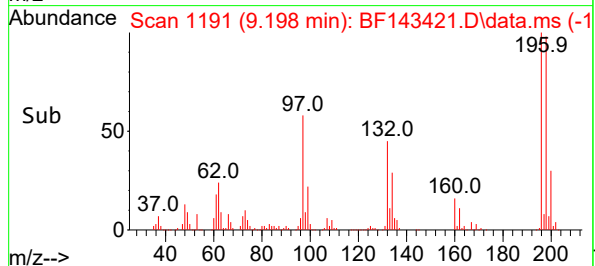
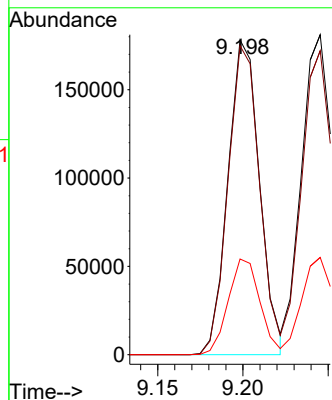
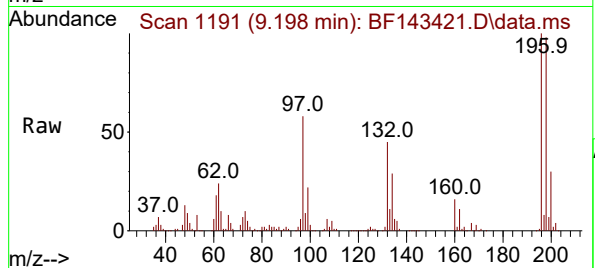
Tgt Ion:196 Resp: 229793

Ion Ratio Lower Upper

196 100

198 98.2 75.4 113.2

200 30.4 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 49.630 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Tgt Ion:196 Resp: 249336

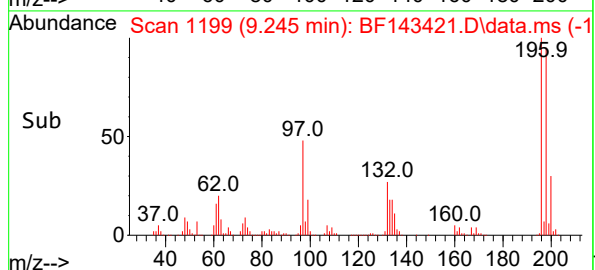
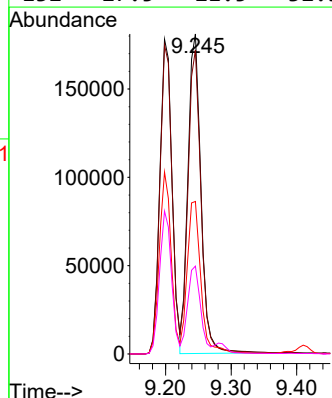
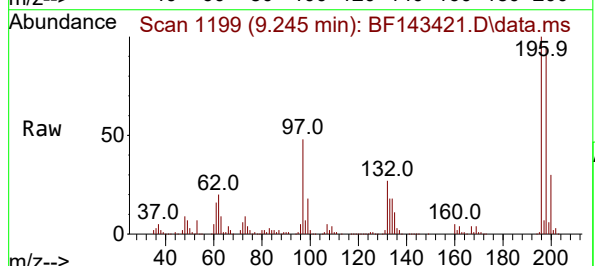
Ion Ratio Lower Upper

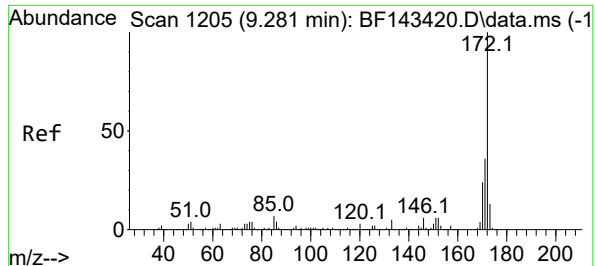
196 100

198 95.0 76.2 114.4

97 47.7 36.6 55.0

132 27.5 21.5 32.3





#45

2-Fluorobiphenyl

Concen: 90.305 ng

RT: 9.287 min Scan# 1206

Delta R.T. 0.006 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

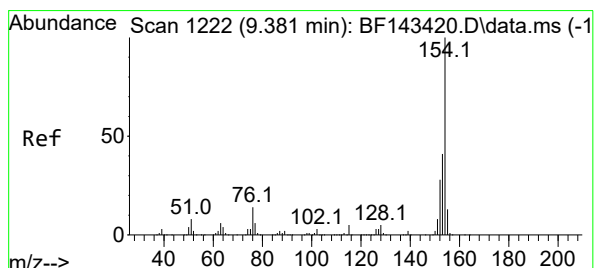
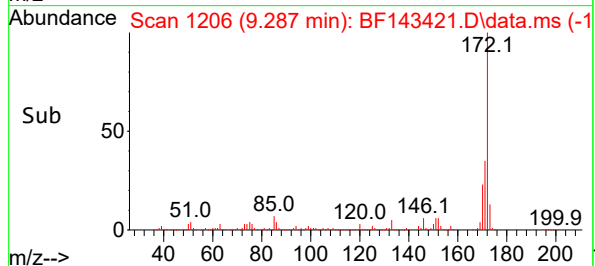
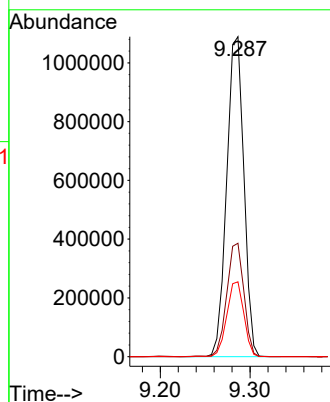
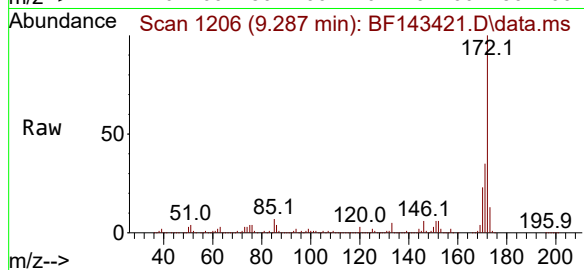
Tgt Ion:172 Resp: 1446406

Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 46.828 ng

RT: 9.387 min Scan# 1223

Delta R.T. 0.006 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

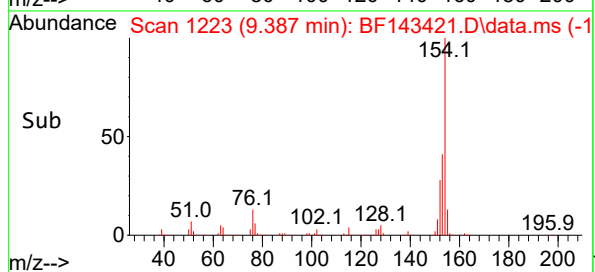
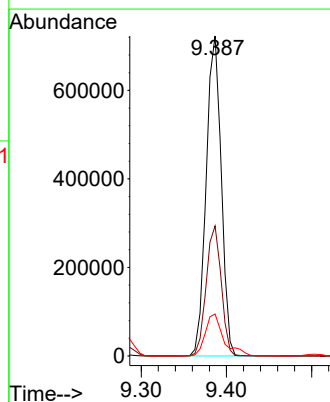
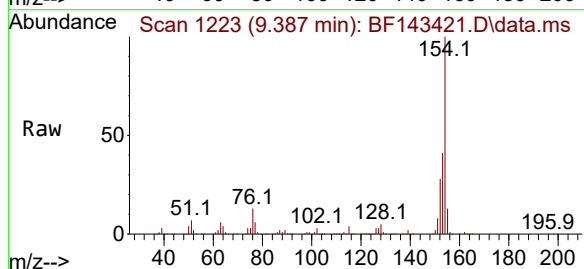
Tgt Ion:154 Resp: 886393

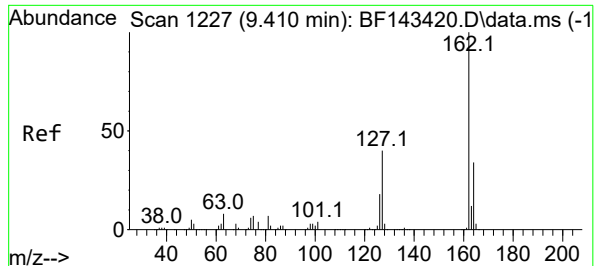
Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

76 13.1 0.0 33.8





#47

2-Chloronaphthalene

Concen: 47.289 ng

RT: 9.410 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

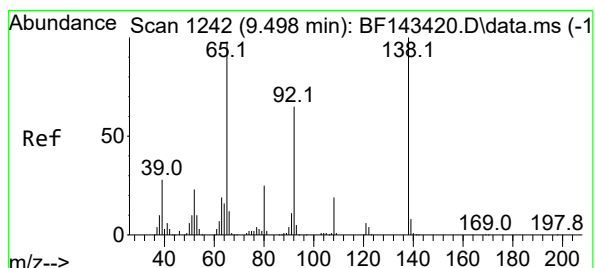
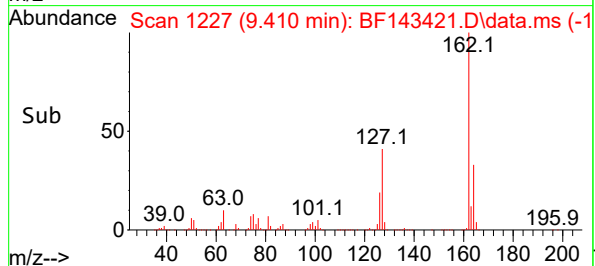
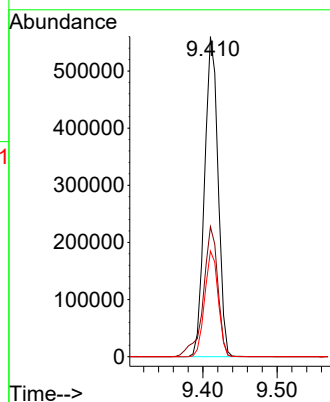
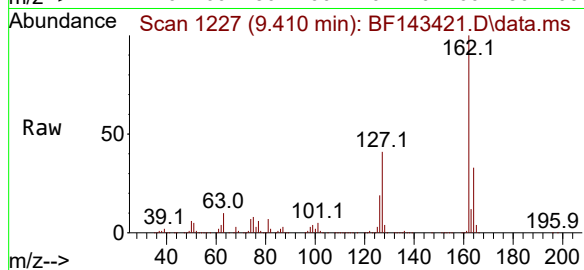
Tgt Ion:162 Resp: 706570

Ion Ratio Lower Upper

162 100

127 40.6 32.3 48.5

164 33.0 26.9 40.3



#48

2-Nitroaniline

Concen: 50.274 ng

RT: 9.504 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

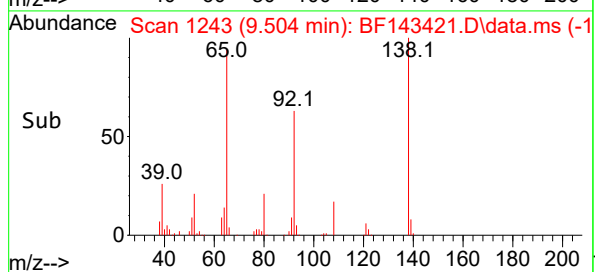
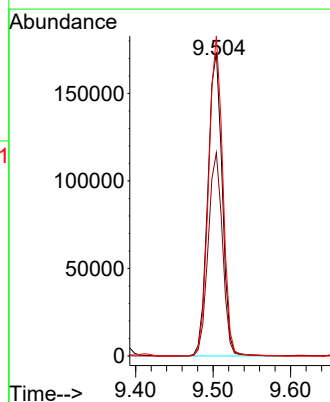
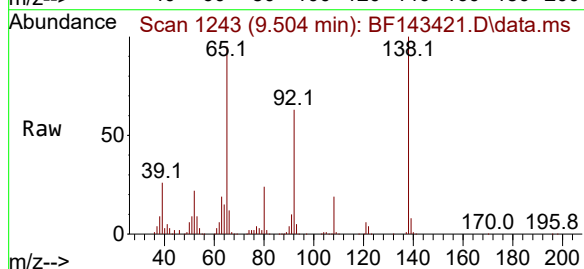
Tgt Ion: 65 Resp: 223540

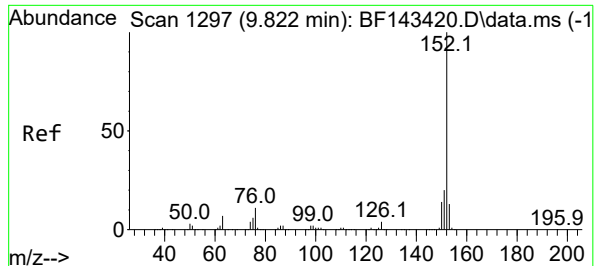
Ion Ratio Lower Upper

65 100

92 66.9 52.9 79.3

138 105.4 81.3 121.9





#49

Acenaphthylene

Concen: 47.421 ng

RT: 9.822 min Scan# 1297

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

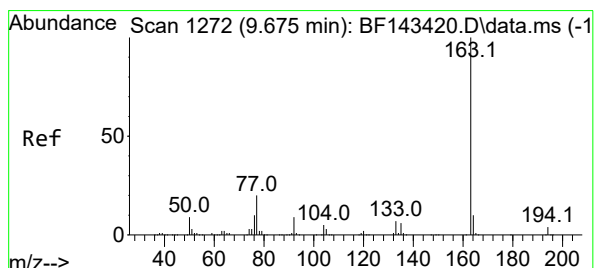
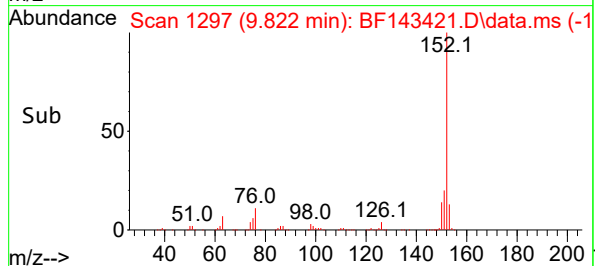
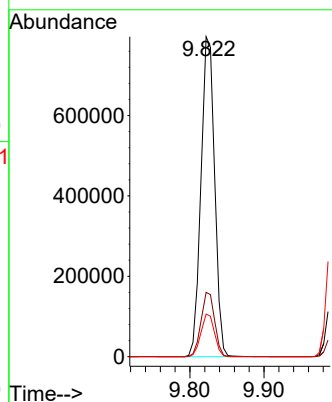
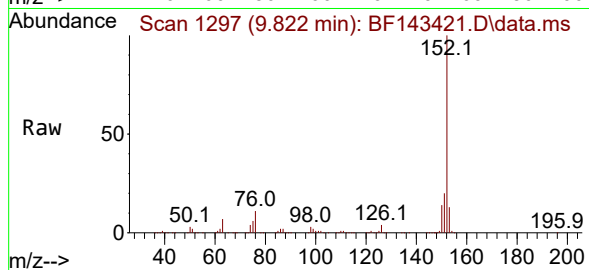
Tgt Ion:152 Resp: 1023016

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.3 10.8 16.2



#50

Dimethylphthalate

Concen: 47.261 ng

RT: 9.675 min Scan# 1272

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

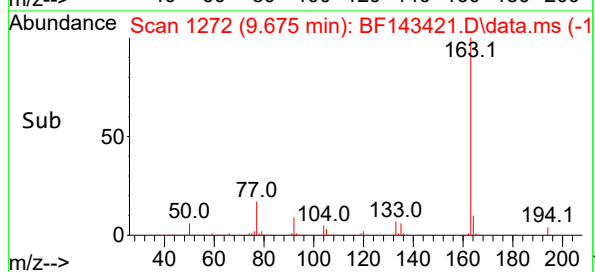
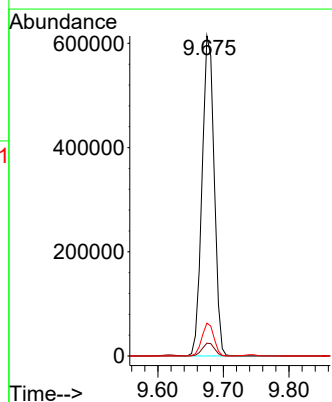
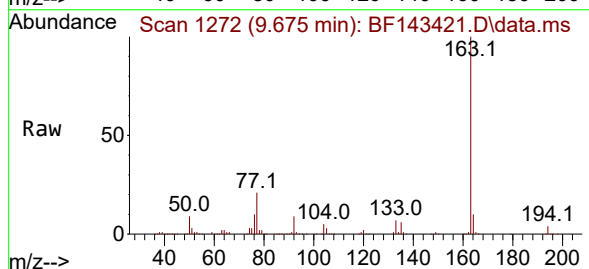
Tgt Ion:163 Resp: 793803

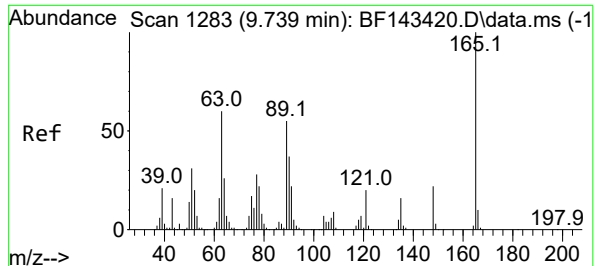
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.3 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 50.849 ng

RT: 9.739 min Scan# 1283

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

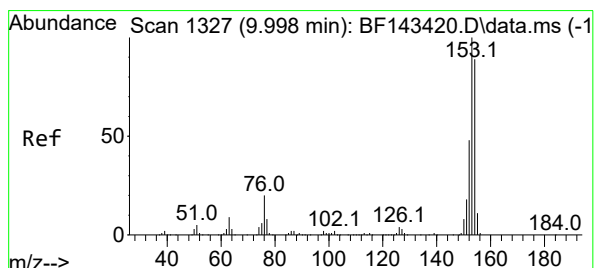
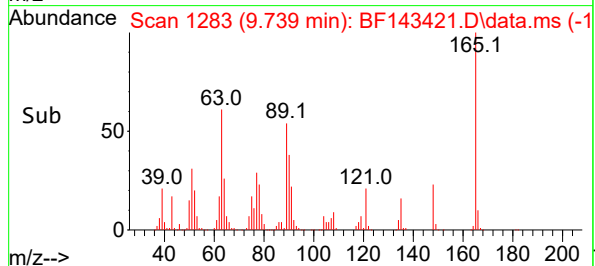
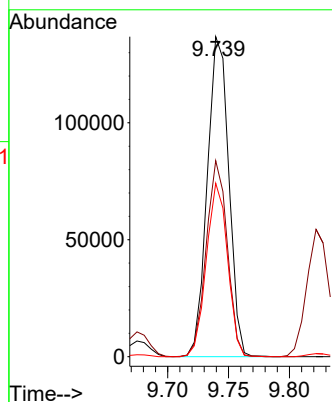
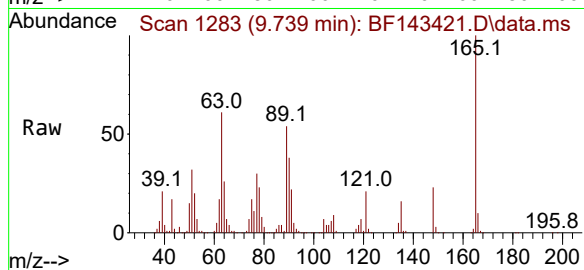
Tgt Ion:165 Resp: 168362

Ion Ratio Lower Upper

165 100

63 61.3 48.2 72.2

89 54.2 44.2 66.2



#52

Acenaphthene

Concen: 47.284 ng

RT: 9.998 min Scan# 1327

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

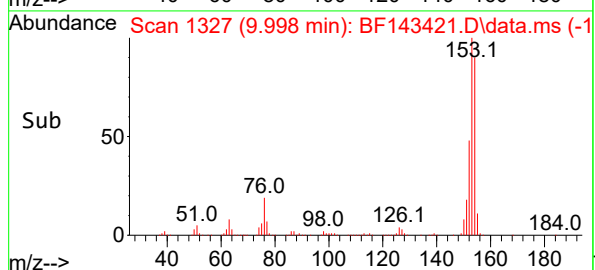
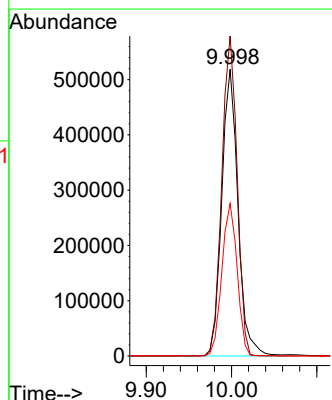
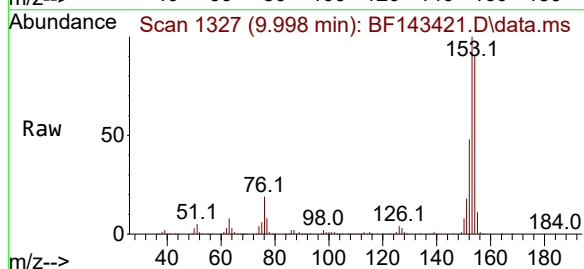
Tgt Ion:154 Resp: 686068

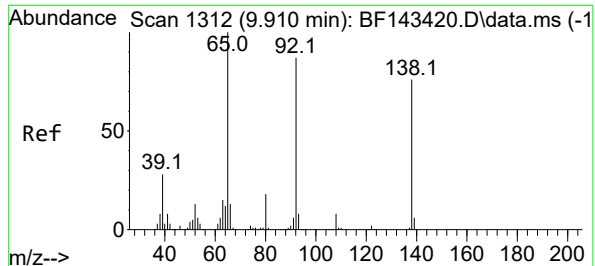
Ion Ratio Lower Upper

154 100

153 111.6 89.5 134.3

152 53.2 42.6 64.0

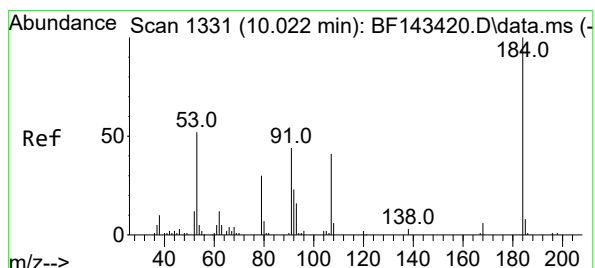
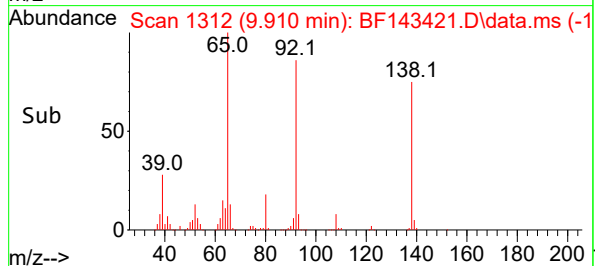
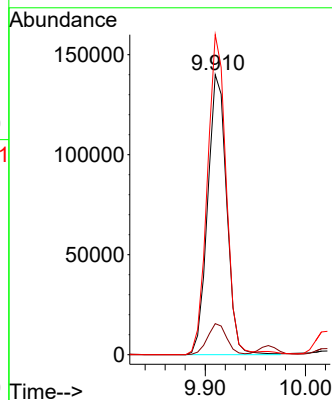
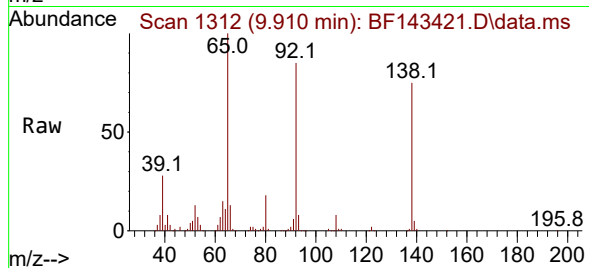




#53
3-Nitroaniline
Concen: 49.986 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

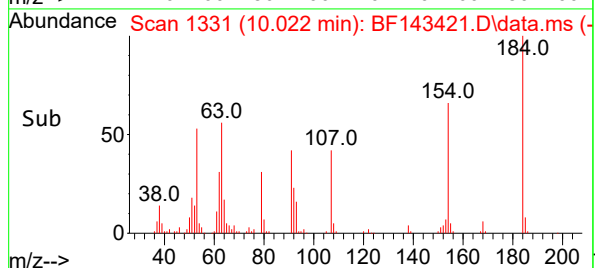
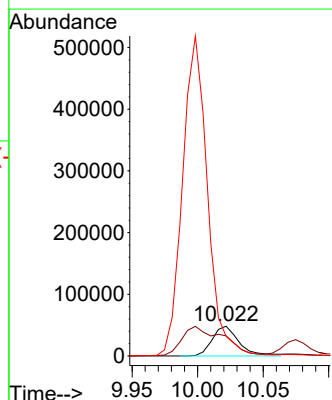
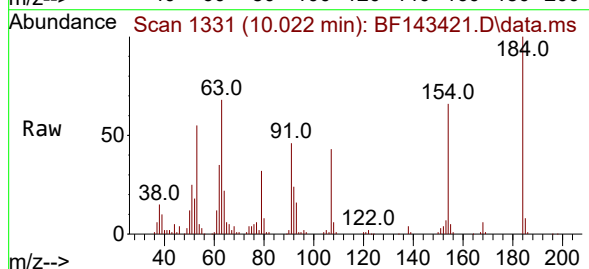
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

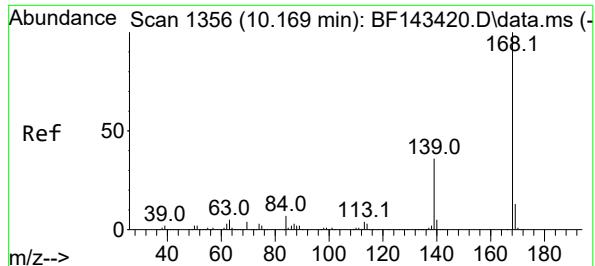
Tgt Ion:138 Resp: 184361
Ion Ratio Lower Upper
138 100
108 11.1 8.7 13.1
92 114.3 91.4 137.2



#54
2,4-Dinitrophenol
Concen: 47.214 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:184 Resp: 68752
Ion Ratio Lower Upper
184 100
63 67.7 53.2 79.8
154 65.7 51.3 76.9





#55

Dibenzenofuran

Concen: 46.545 ng

RT: 10.169 min Scan# 1356

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

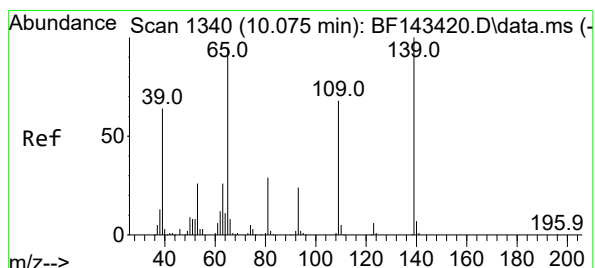
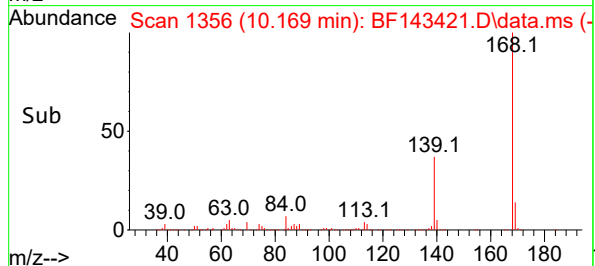
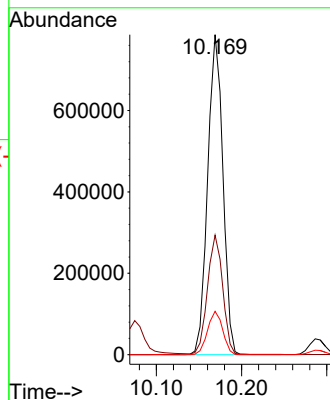
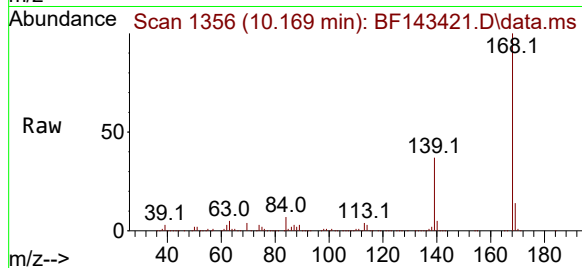
Tgt Ion:168 Resp: 974240

Ion Ratio Lower Upper

168 100

139 37.3 29.3 43.9

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 51.748 ng

RT: 10.075 min Scan# 1340

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

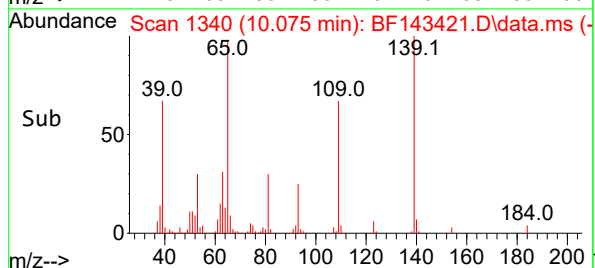
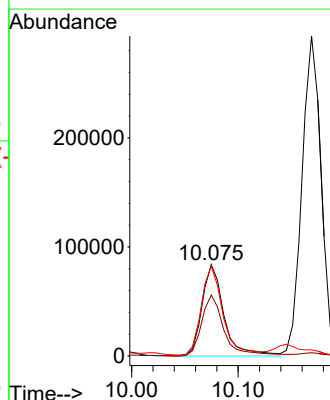
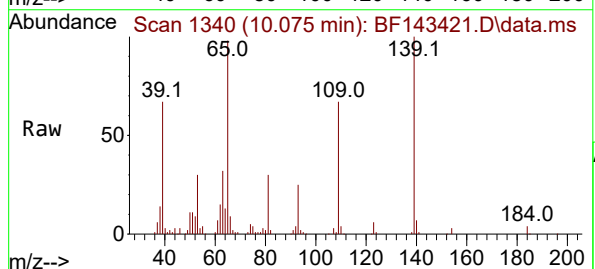
Tgt Ion:139 Resp: 119993

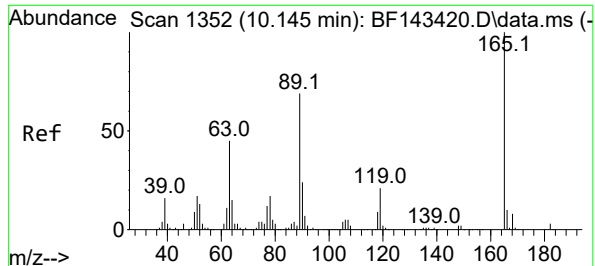
Ion Ratio Lower Upper

139 100

109 66.8 47.7 87.7

65 98.3 76.4 116.4

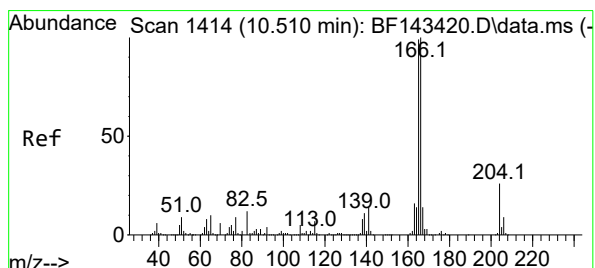
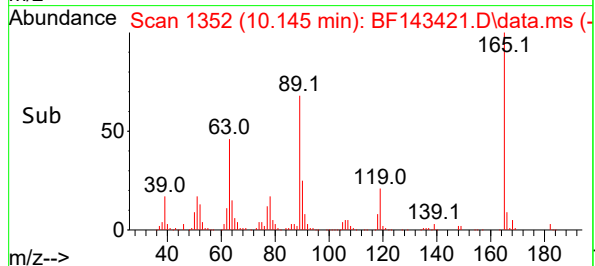
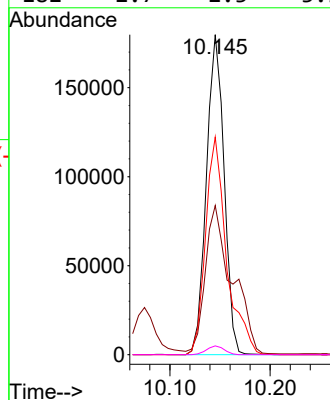
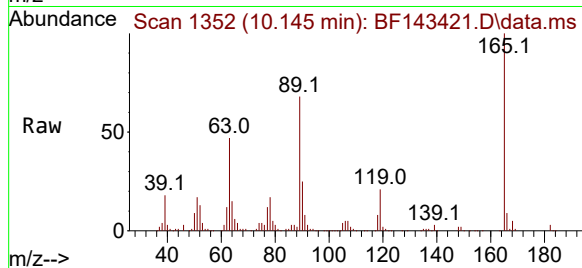




#57
2,4-Dinitrotoluene
Concen: 50.082 ng
RT: 10.145 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

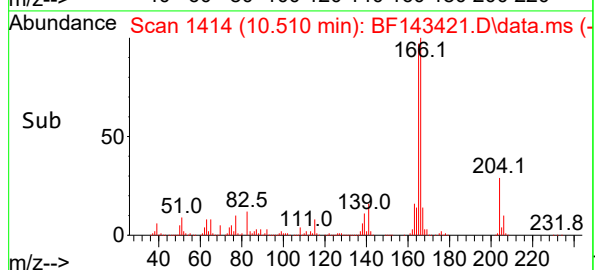
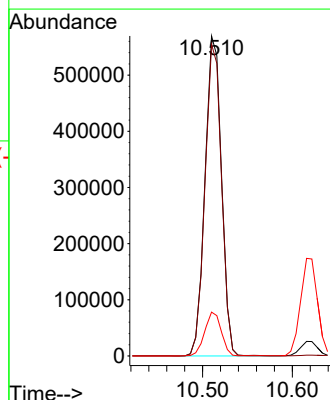
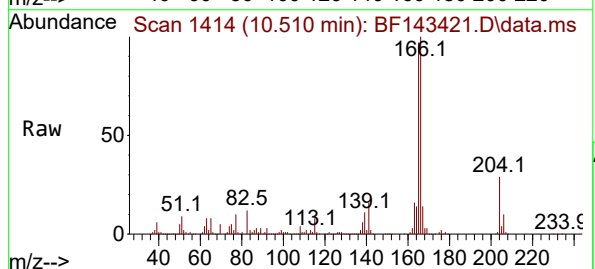
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

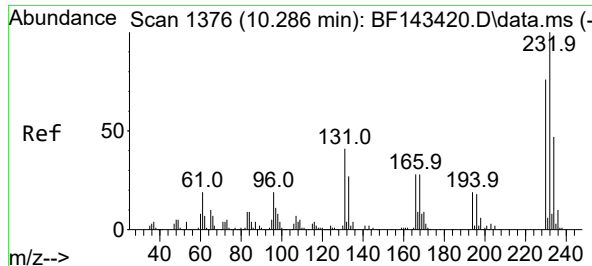
Tgt Ion:165 Resp: 221081
Ion Ratio Lower Upper
165 100
63 46.6 37.0 55.6
89 68.0 55.4 83.0
182 2.7 2.3 3.5



#58
Fluorene
Concen: 45.217 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

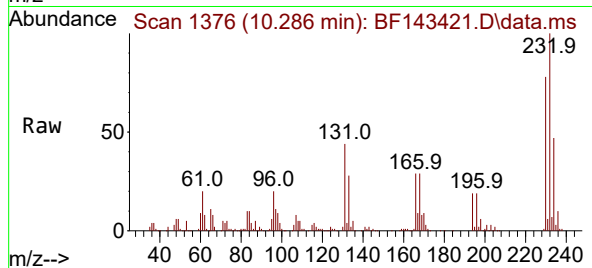
Tgt Ion:166 Resp: 727083
Ion Ratio Lower Upper
166 100
165 97.4 79.0 118.6
167 13.7 10.9 16.3



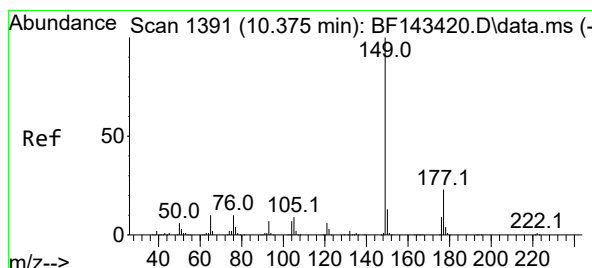
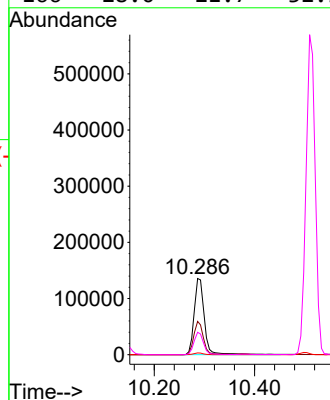
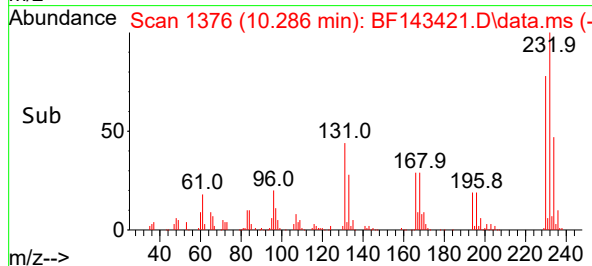


#59
2,3,4,6-Tetrachlorophenol
Concen: 50.205 ng
RT: 10.286 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

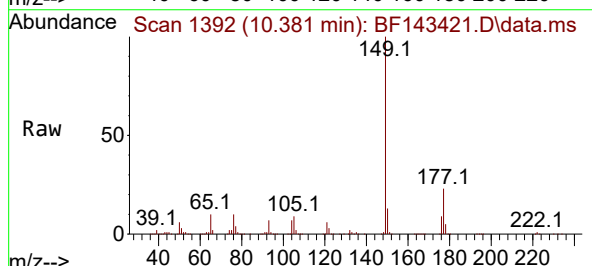
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



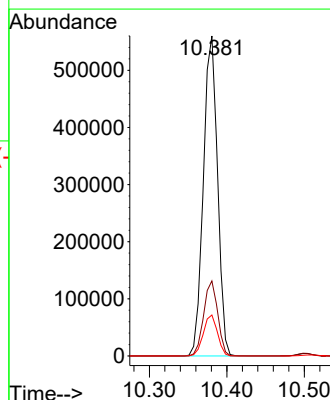
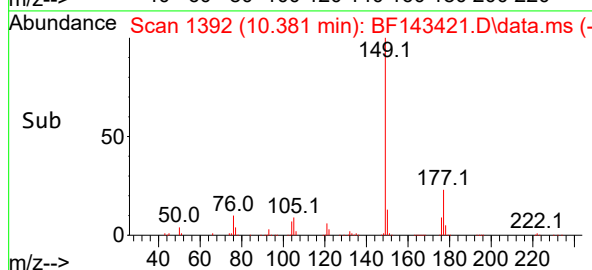
Tgt Ion:232 Resp: 190929
Ion Ratio Lower Upper
232 100
131 41.3 32.0 48.0
130 2.1 1.7 2.5
166 28.0 21.7 32.5

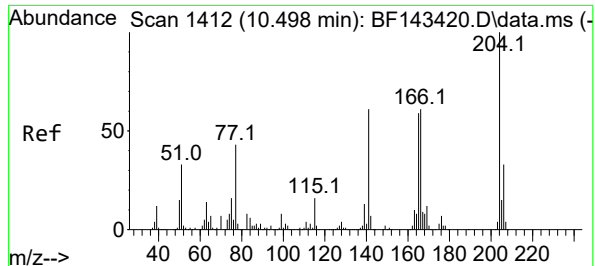


#60
Diethylphthalate
Concen: 45.793 ng
RT: 10.381 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58



Tgt Ion:149 Resp: 710763
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.4
150 12.8 10.1 15.1

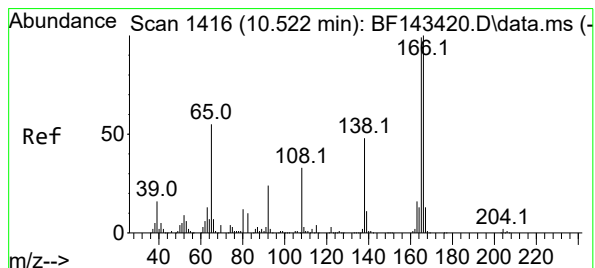
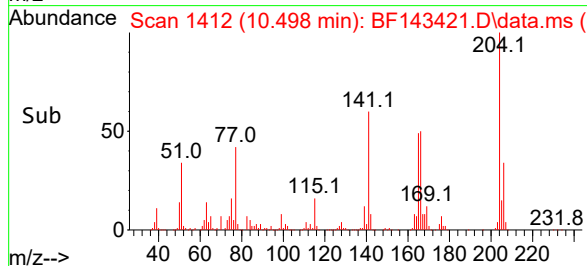
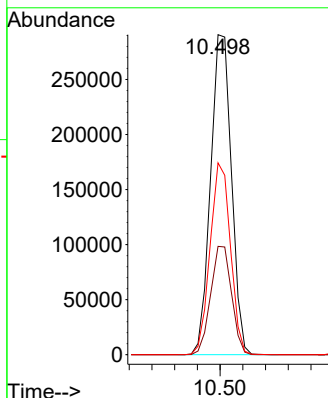
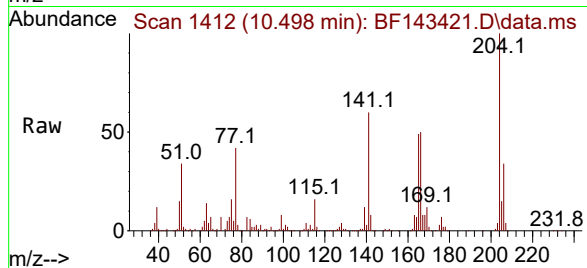




#61
4-Chlorophenyl-phenylether
Concen: 46.681 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

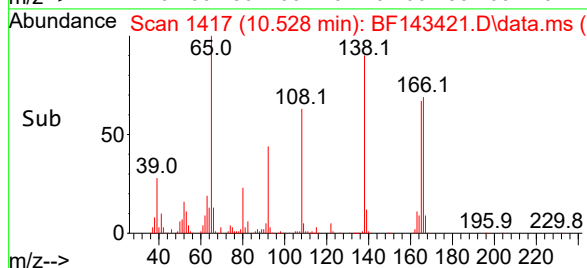
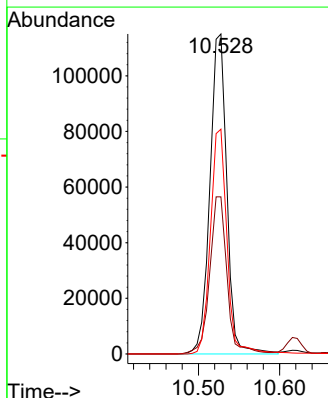
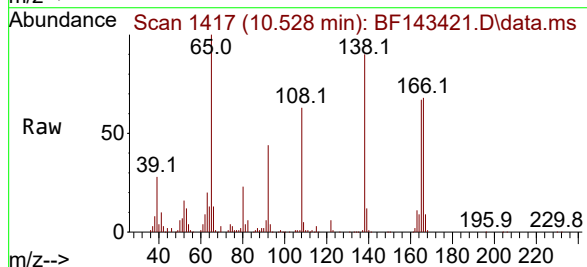
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

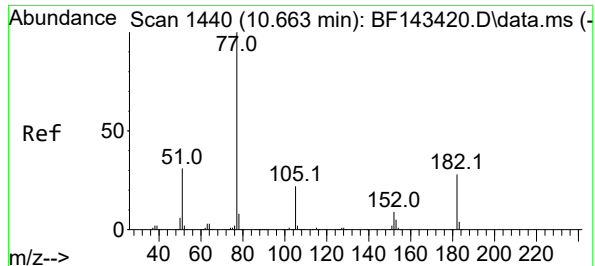
Tgt Ion:204 Resp: 371115
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 60.0 49.0 73.4



#62
4-Nitroaniline
Concen: 48.306 ng
RT: 10.528 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

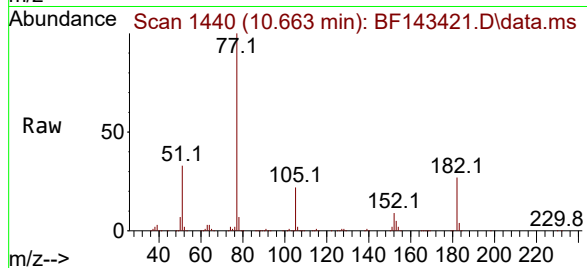
Tgt Ion:138 Resp: 166617
Ion Ratio Lower Upper
138 100
92 49.1 29.4 69.4
108 70.2 48.6 88.6





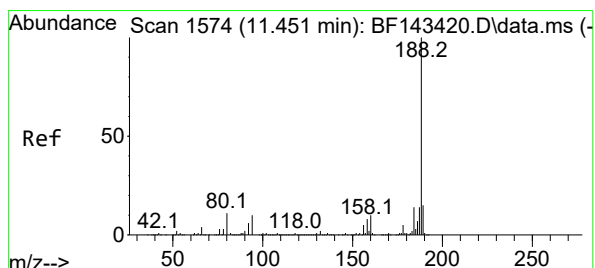
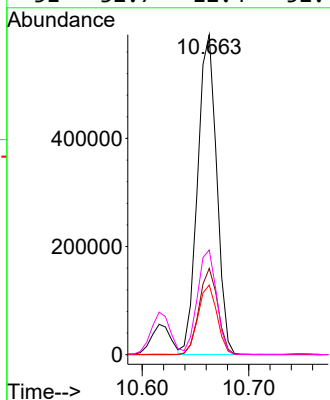
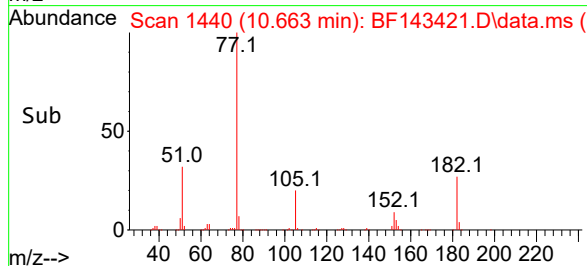
#63
Azobenzene
Concen: 46.957 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

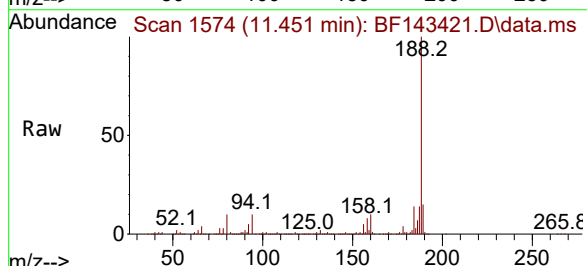


Tgt Ion: 77 Resp: 736604

Ion	Ratio	Lower	Upper
77	100		
182	27.0	7.4	47.4
105	21.8	1.7	41.7
51	32.7	12.4	52.4

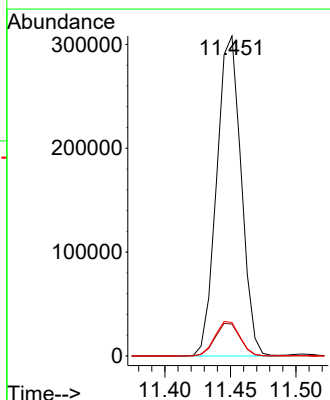
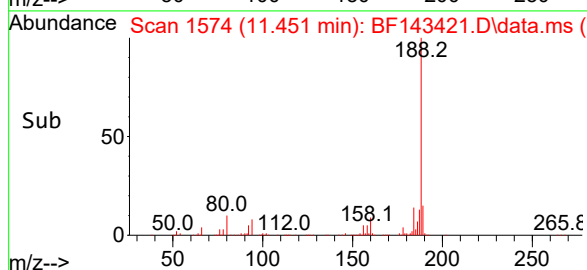


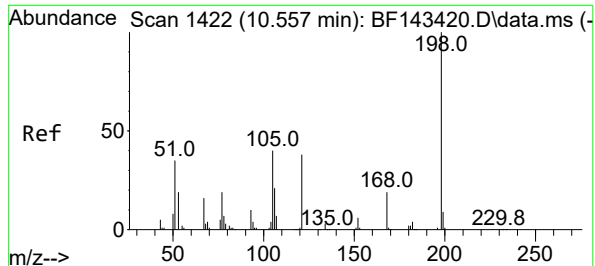
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58



Tgt Ion: 188 Resp: 399933

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.0	12.0
80	10.4	8.6	12.8

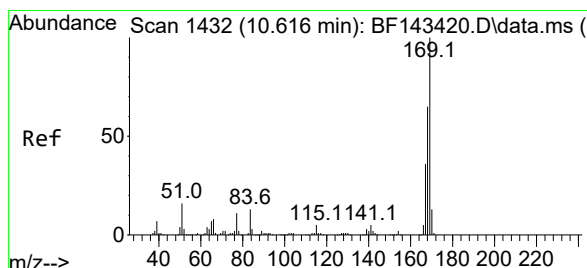
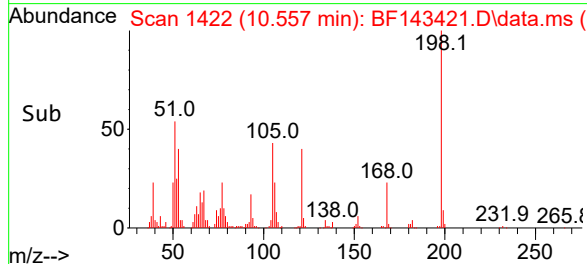
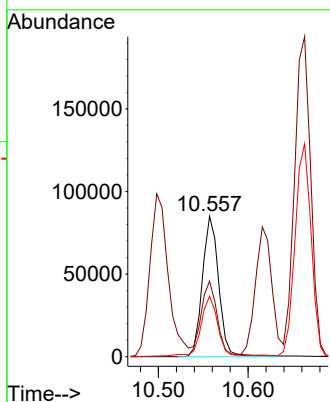
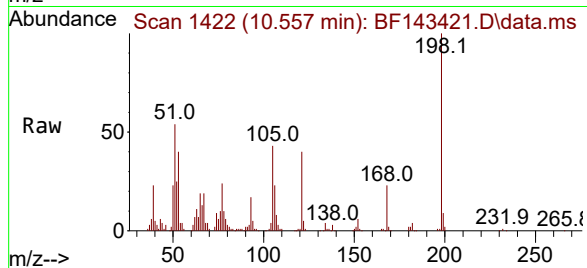




#65
4,6-Dinitro-2-methylphenol
Concen: 51.921 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

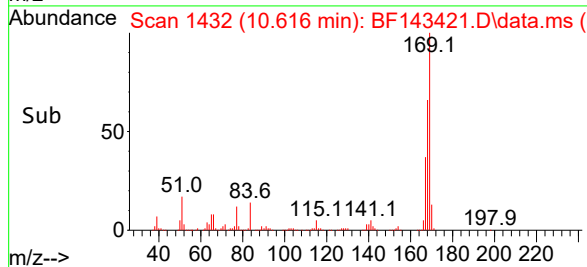
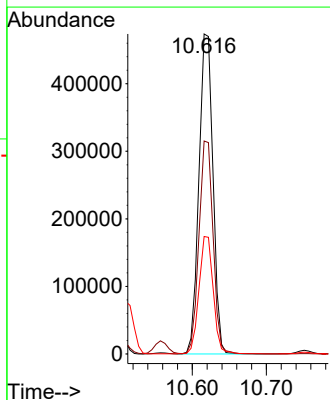
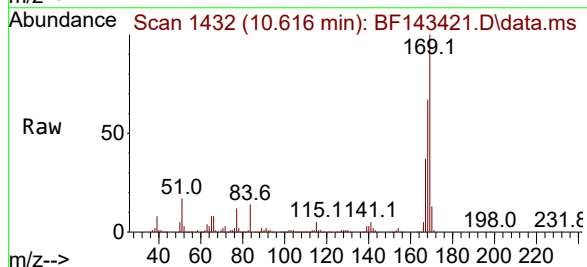
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

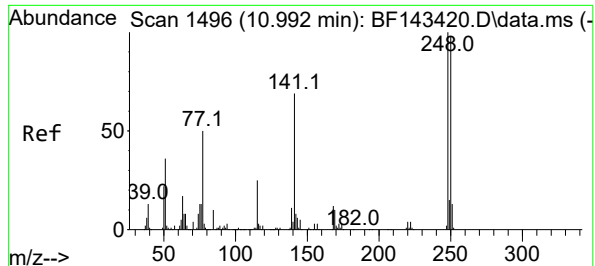
Tgt Ion:198 Resp: 107140
Ion Ratio Lower Upper
198 100
51 53.8 31.2 71.2
105 43.1 21.7 61.7



#66
n-Nitrosodiphenylamine
Concen: 47.953 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:169 Resp: 623583
Ion Ratio Lower Upper
169 100
168 66.5 52.5 78.7
167 36.7 28.6 42.8

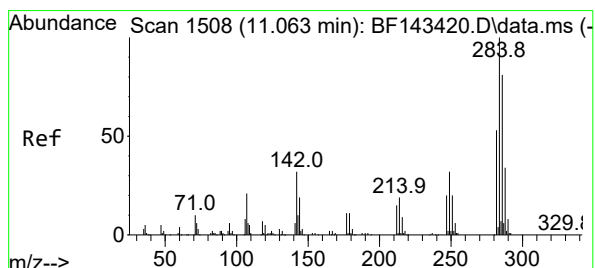
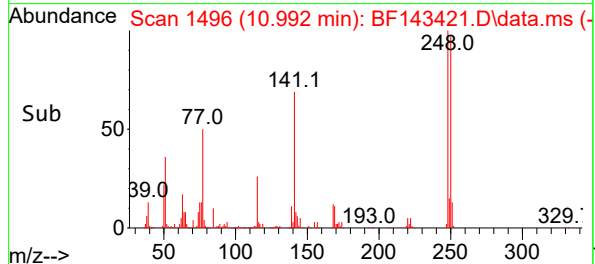
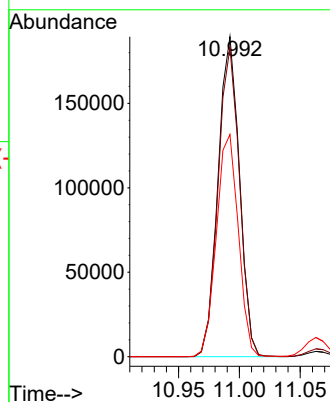
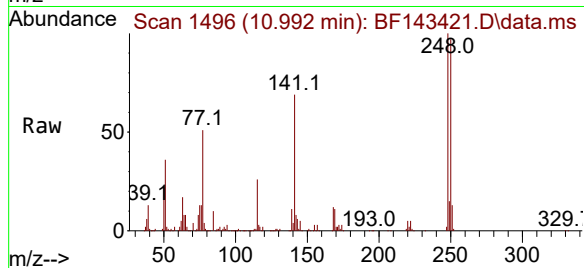




#67
4-Bromophenyl-phenylether
Concen: 49.109 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

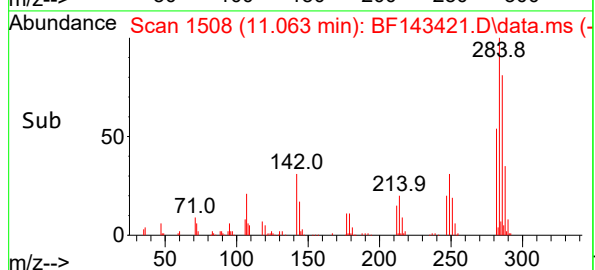
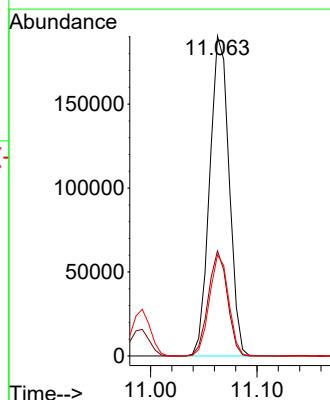
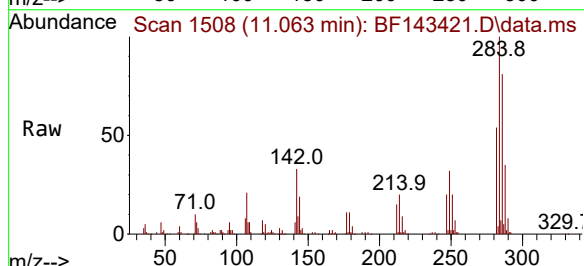
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

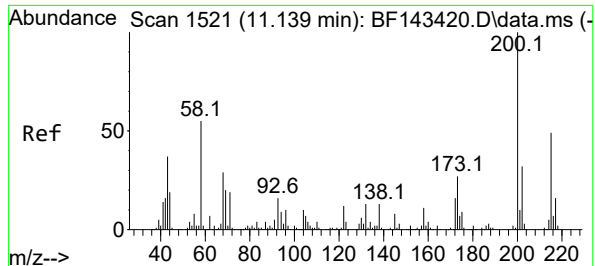
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.6	118.0
141	69.5	54.9	82.3



#68
Hexachlorobenzene
Concen: 48.135 ng
RT: 11.063 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	25.4	38.2
249	31.6	25.4	38.0





#69

Atrazine

Concen: 48.552 ng

RT: 11.139 min Scan# 1521

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

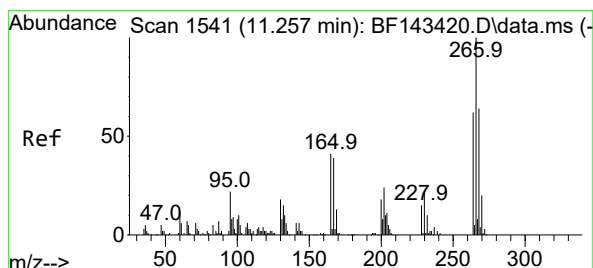
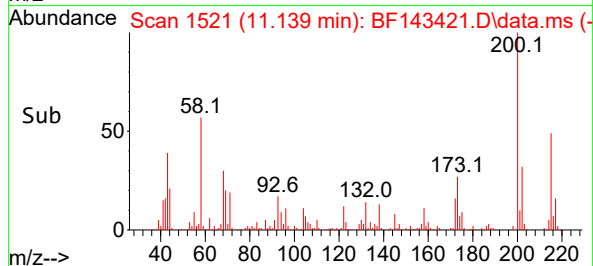
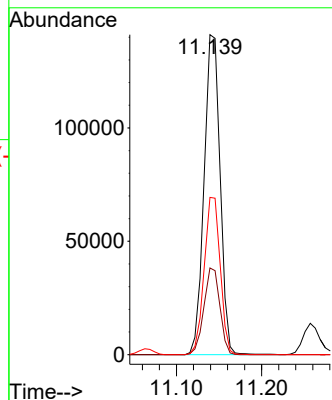
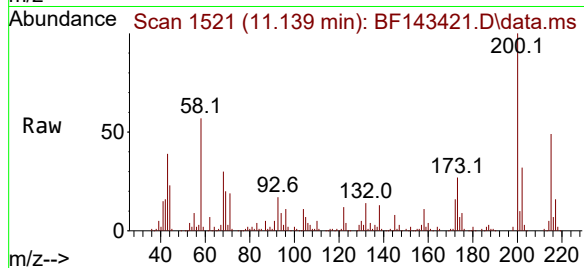
Tgt Ion:200 Resp: 184670

Ion Ratio Lower Upper

200 100

173 27.1 6.6 46.6

215 49.2 29.5 69.5



#70

Pentachlorophenol

Concen: 52.337 ng

RT: 11.257 min Scan# 1541

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

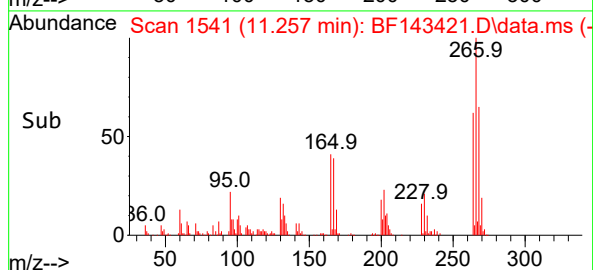
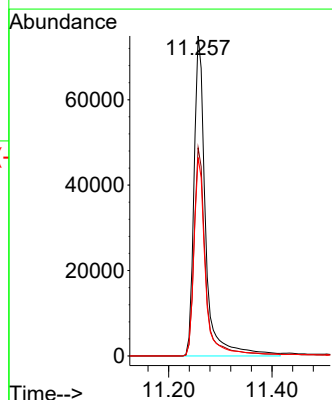
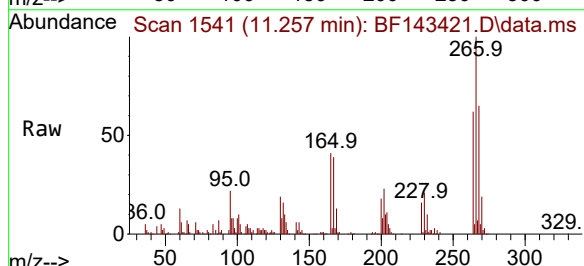
Tgt Ion:266 Resp: 116662

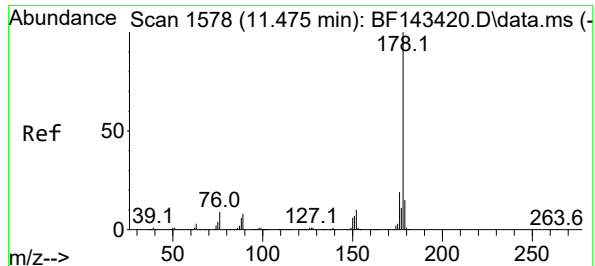
Ion Ratio Lower Upper

266 100

268 65.1 51.0 76.6

264 62.0 49.3 73.9

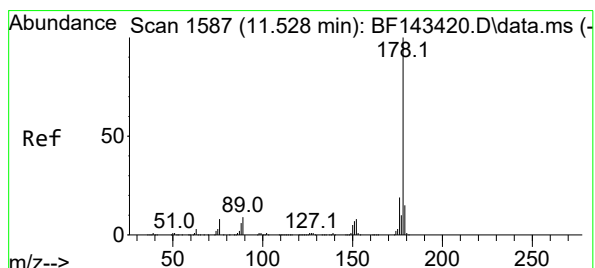
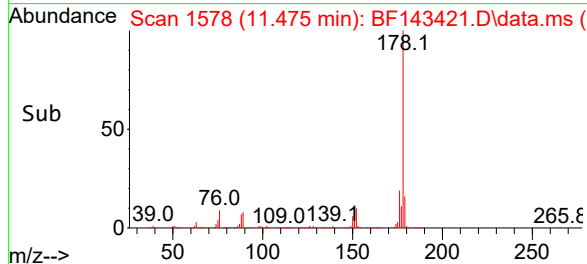
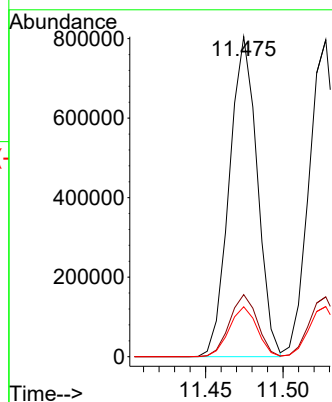
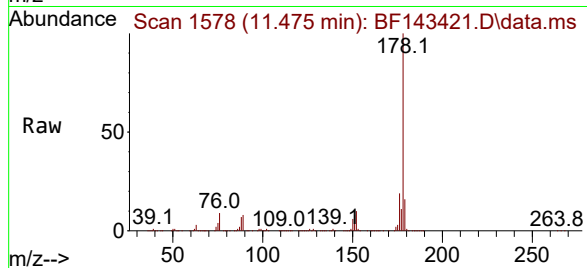




#71
Phenanthrene
Concen: 46.525 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

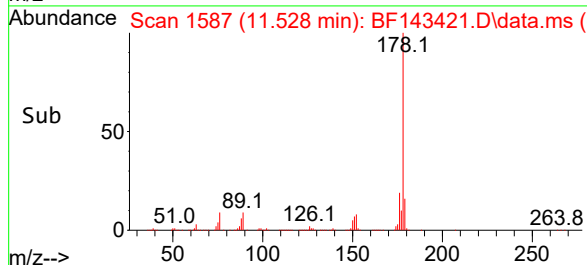
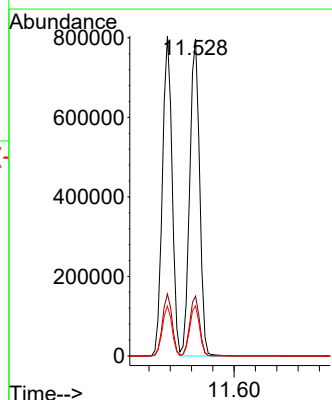
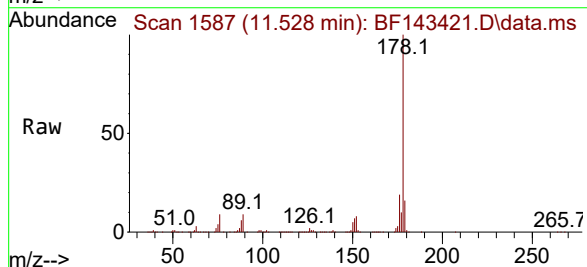
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

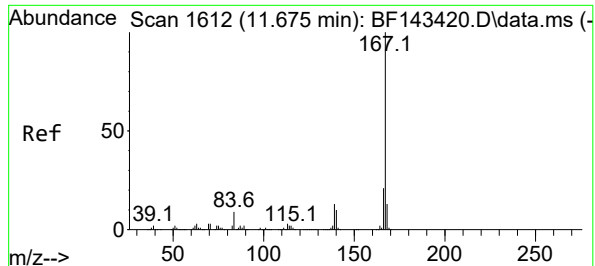
Tgt Ion:178 Resp: 1007589
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.6 12.3 18.5



#72
Anthracene
Concen: 46.817 ng
RT: 11.528 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

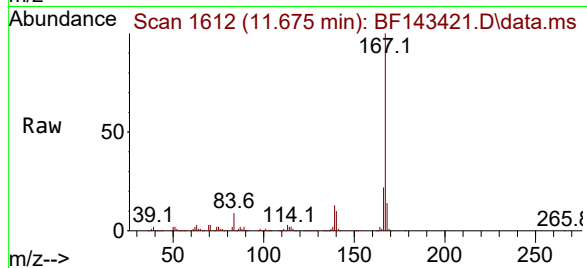
Tgt Ion:178 Resp: 1024065
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.8 12.2 18.4



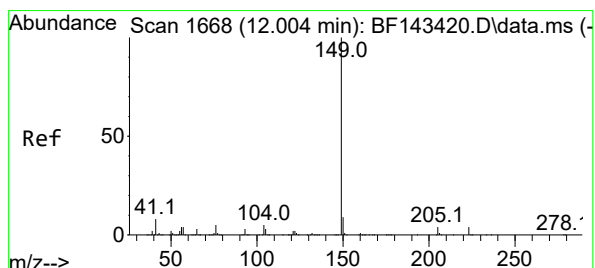
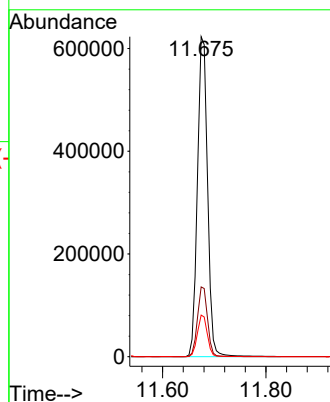
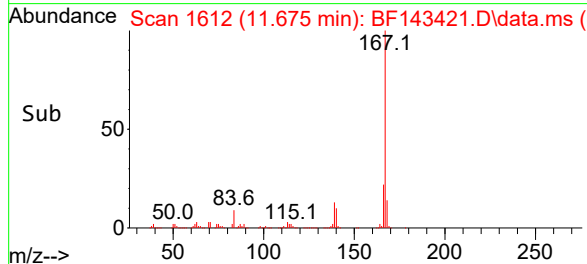


#73
Carbazole
Concen: 45.888 ng
RT: 11.675 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

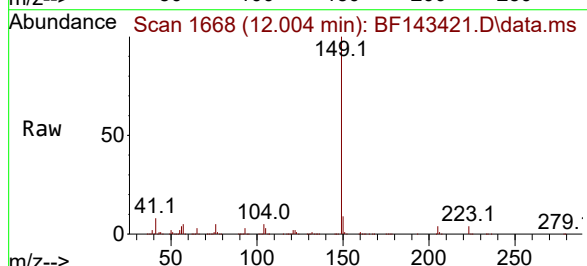
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



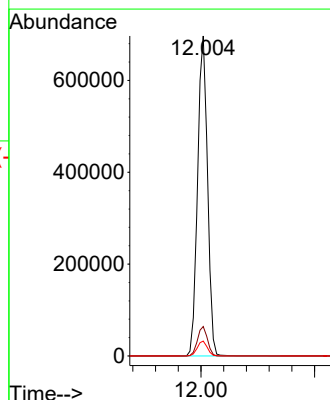
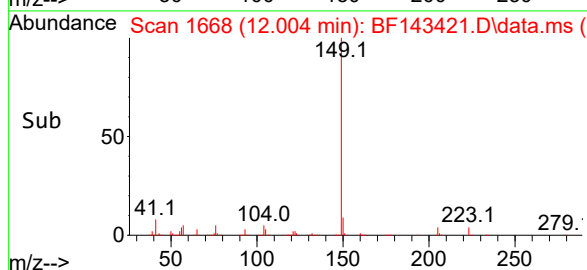
Tgt Ion:167 Resp: 848940
Ion Ratio Lower Upper
167 100
166 21.8 17.2 25.8
139 13.0 10.1 15.1

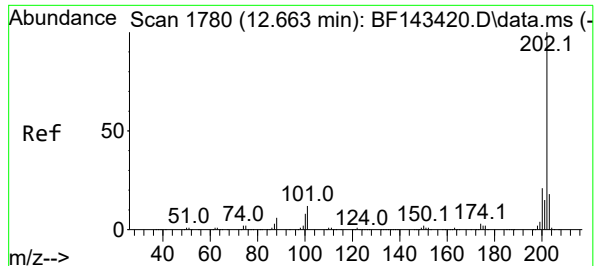


#74
Di-n-butylphthalate
Concen: 46.180 ng
RT: 12.004 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58



Tgt Ion:149 Resp: 850780
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.6 3.8 5.6

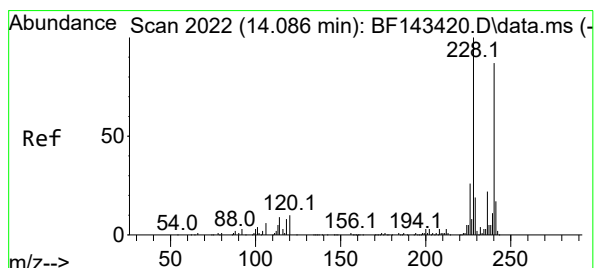
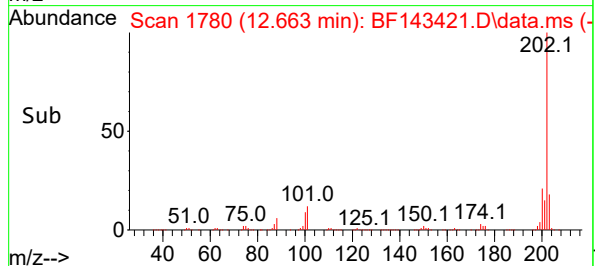
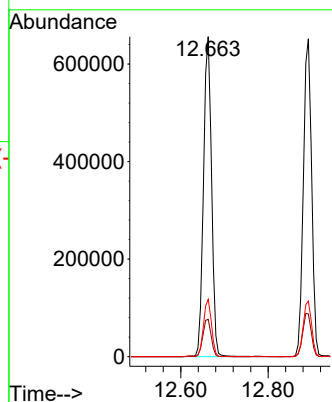
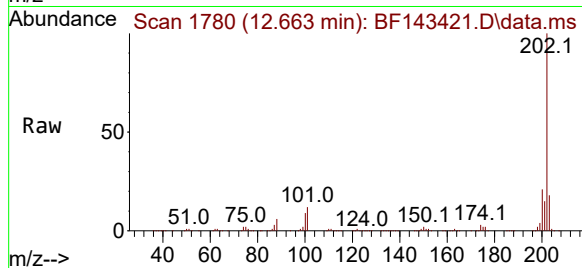




#75
Fluoranthene
Concen: 43.866 ng
RT: 12.663 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

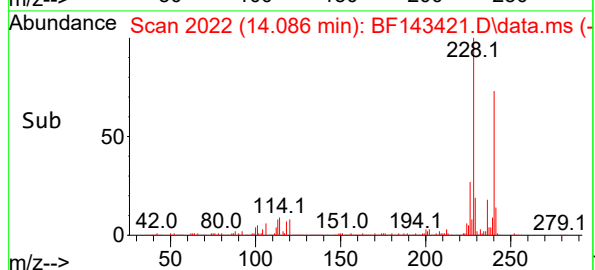
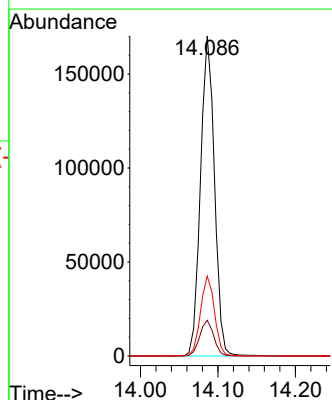
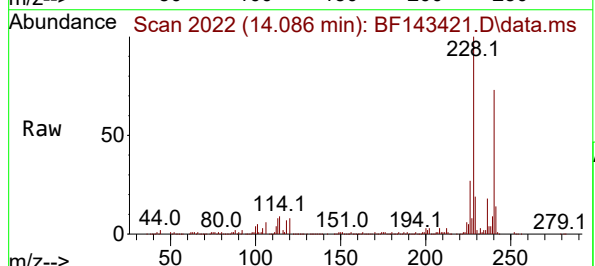
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

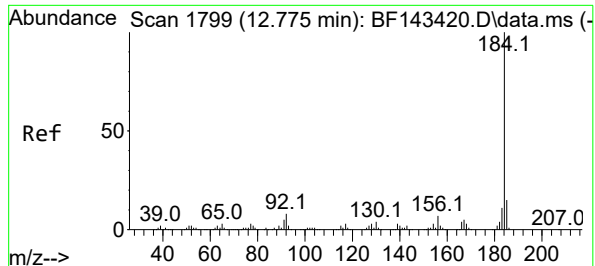
Tgt Ion:202 Resp: 844131
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.5
203 17.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:240 Resp: 212755
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 25.0 20.2 30.2

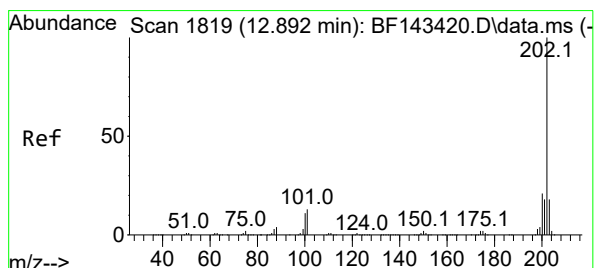
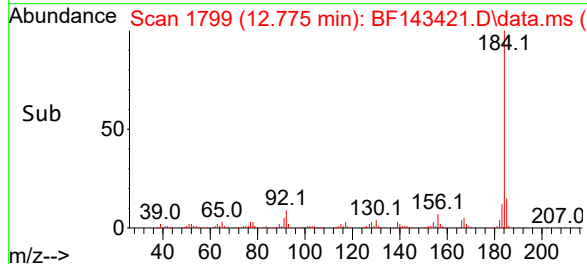
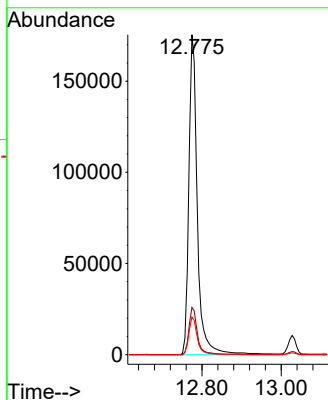
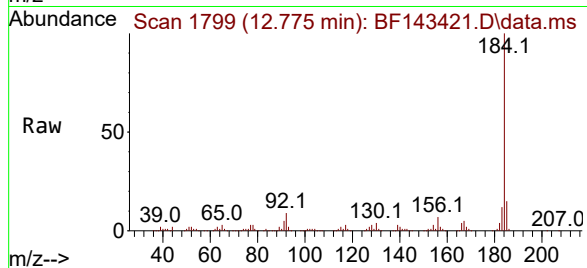




#77
Benzidine
Concen: 43.448 ng
RT: 12.775 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

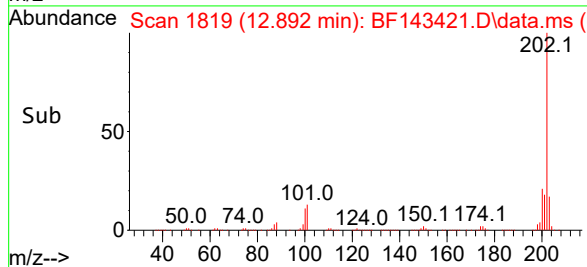
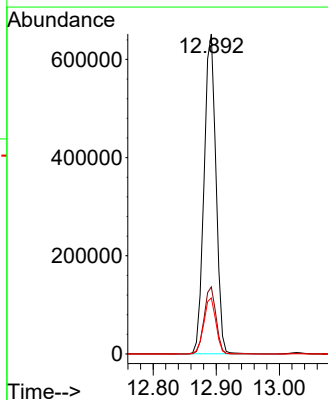
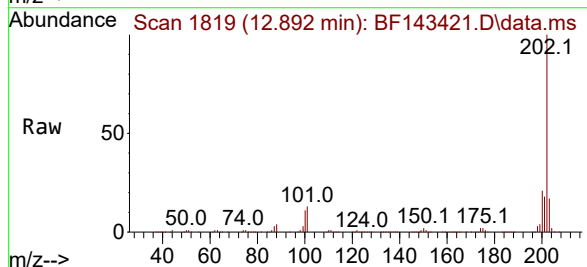
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

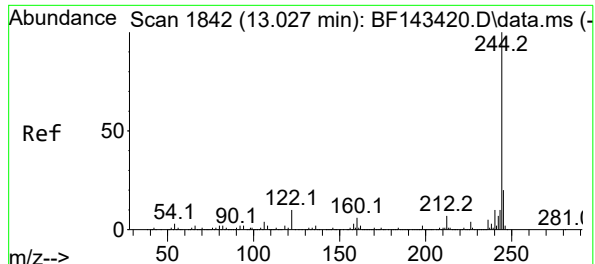
Tgt Ion:184 Resp: 261682
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.2
183 11.7 9.2 13.8



#78
Pyrene
Concen: 45.913 ng
RT: 12.892 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:202 Resp: 849028
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 88.761 ng

RT: 13.027 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

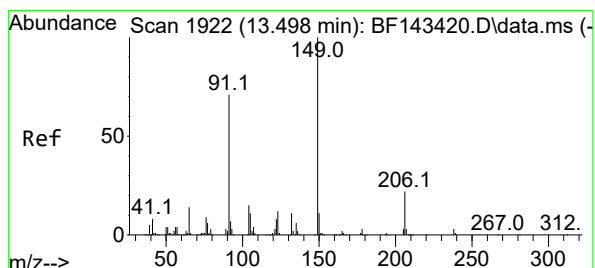
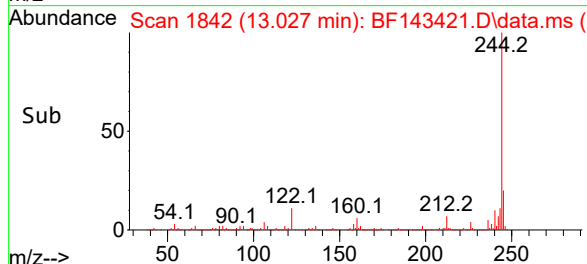
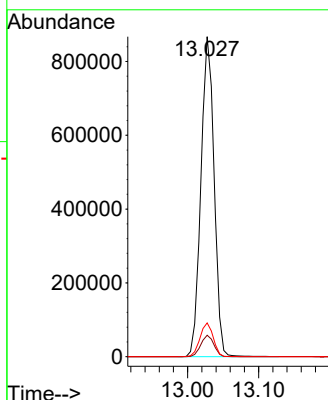
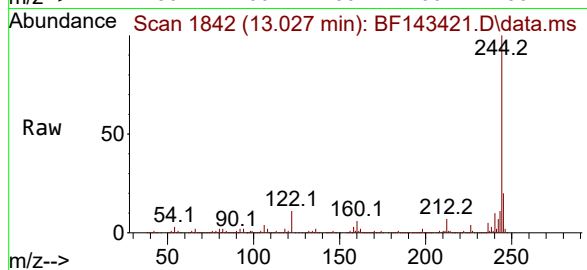
Tgt Ion:244 Resp: 1124159

Ion Ratio Lower Upper

244 100

212 6.7 5.2 7.8

122 10.6 8.3 12.5



#80

Butylbenzylphthalate

Concen: 52.286 ng

RT: 13.498 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

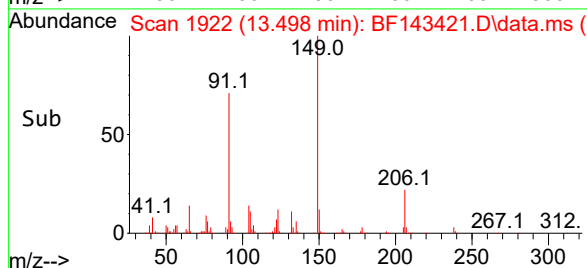
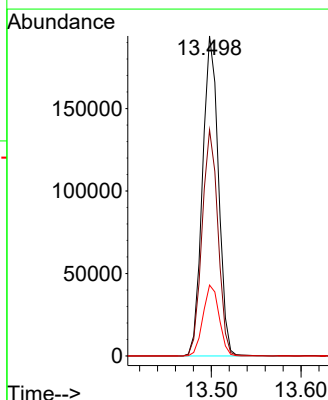
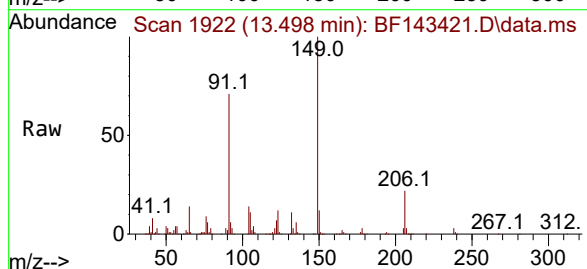
Tgt Ion:149 Resp: 239484

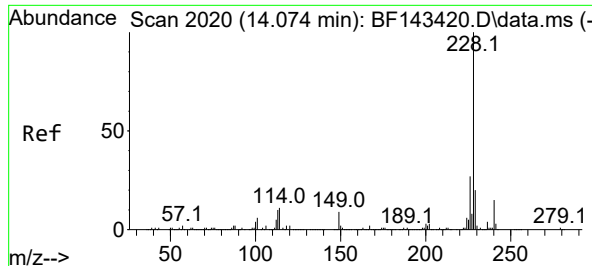
Ion Ratio Lower Upper

149 100

91 70.6 57.0 85.4

206 22.1 17.6 26.4

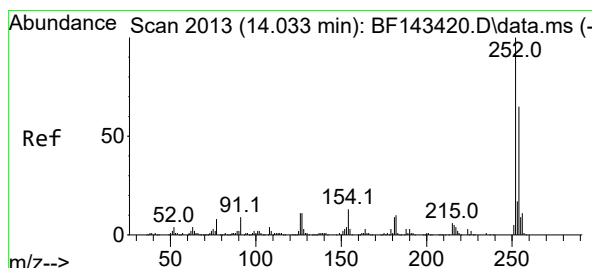
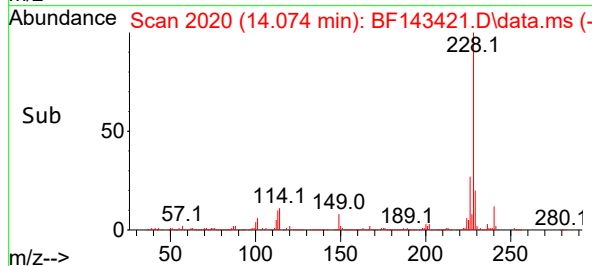
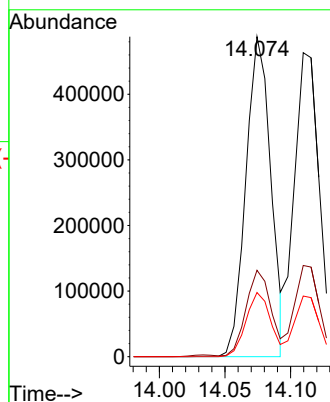
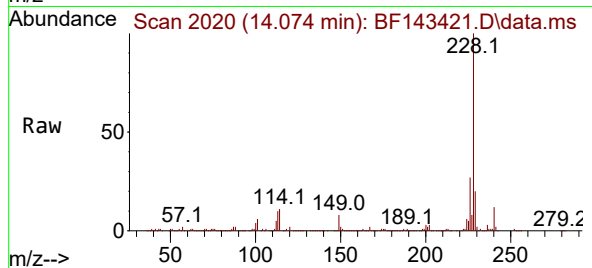




#81
Benzo(a)anthracene
Concen: 47.587 ng
RT: 14.074 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

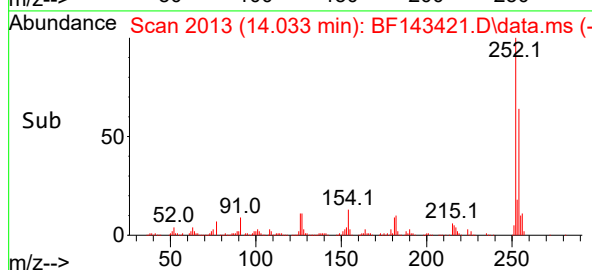
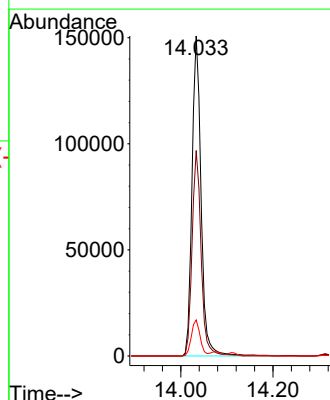
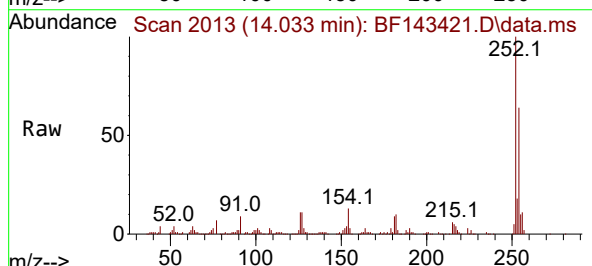
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

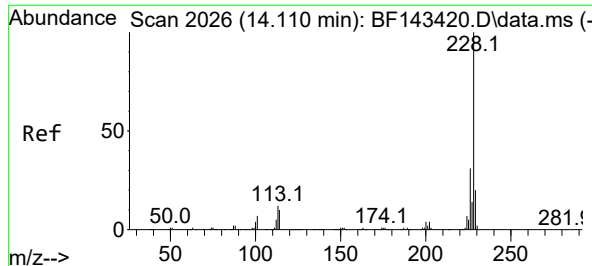
Tgt Ion:228 Resp: 644570
Ion Ratio Lower Upper
228 100
226 27.0 21.5 32.3
229 20.0 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 51.831 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:252 Resp: 205554
Ion Ratio Lower Upper
252 100
254 64.2 51.6 77.4
126 11.3 8.8 13.2

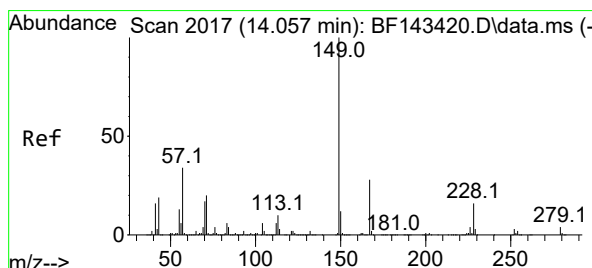
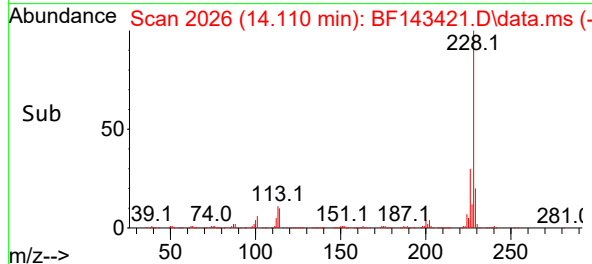
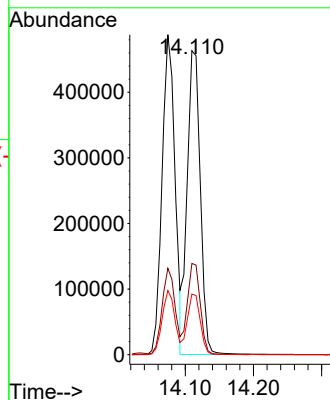
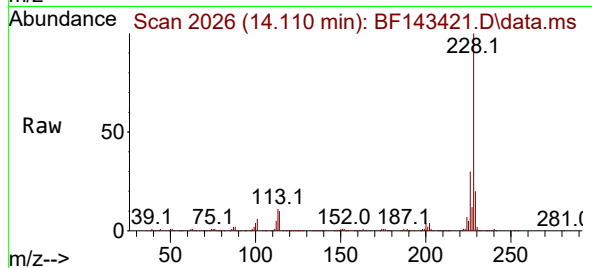




#83
Chrysene
Concen: 49.101 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

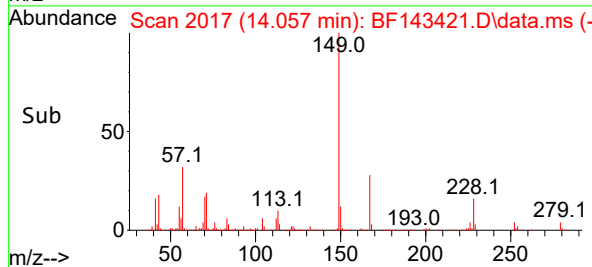
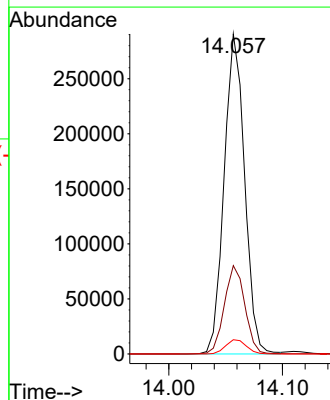
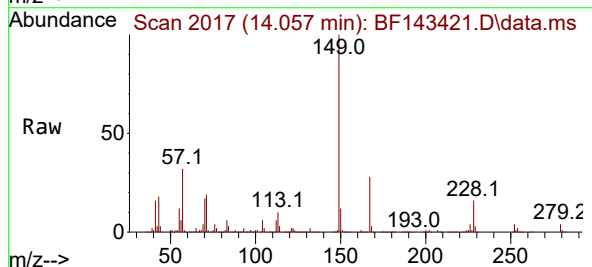
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

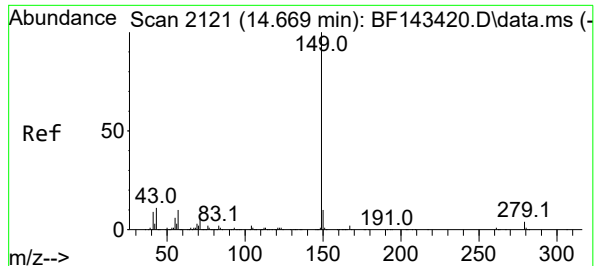
Tgt Ion:228 Resp: 614856
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 19.9 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.980 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:149 Resp: 364131
Ion Ratio Lower Upper
149 100
167 27.6 22.6 33.8
279 4.4 3.5 5.3

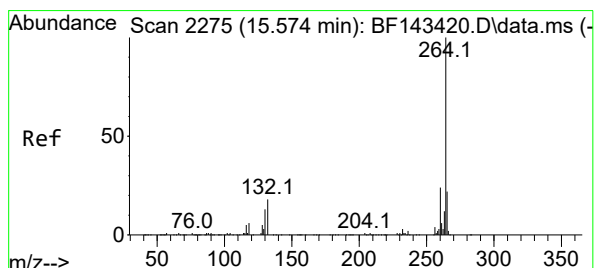
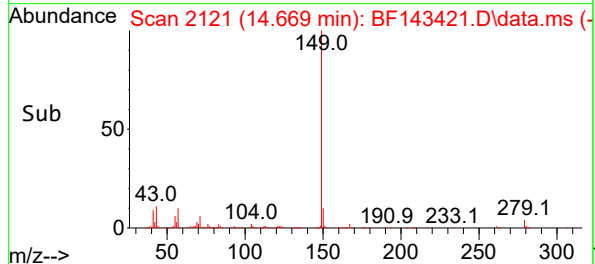
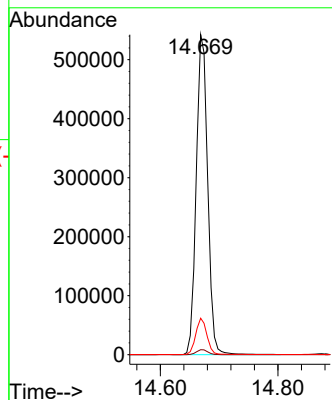
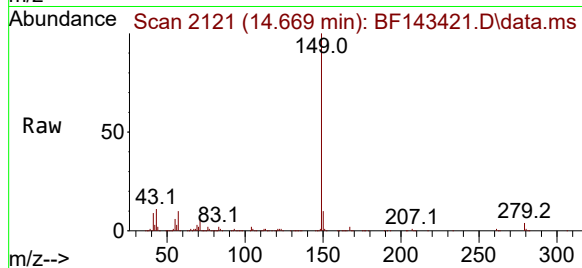




#85
Di-n-octyl phthalate
Concen: 55.599 ng
RT: 14.669 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

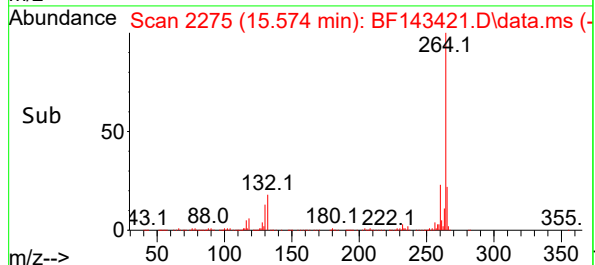
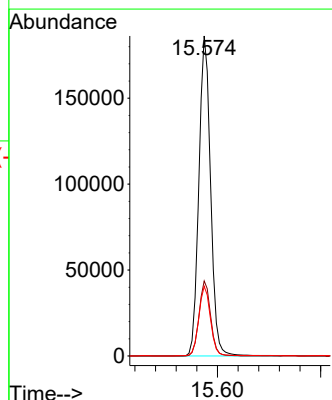
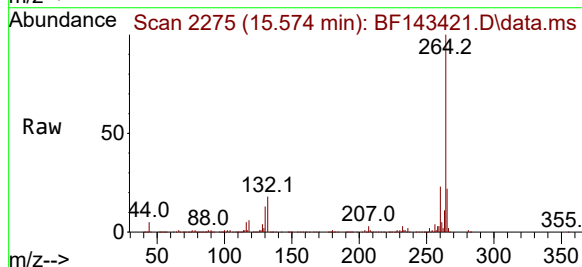
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

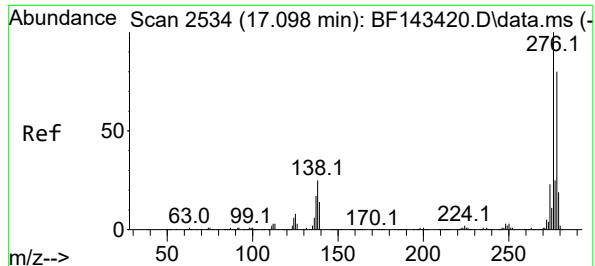
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.1	9.0	13.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.7	17.4	26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.845 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

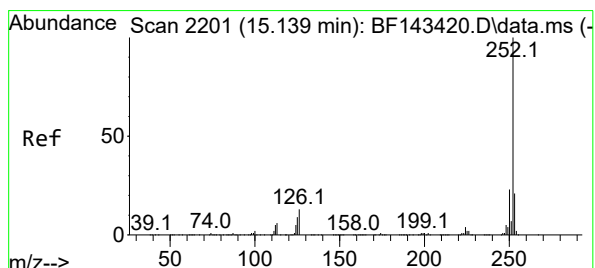
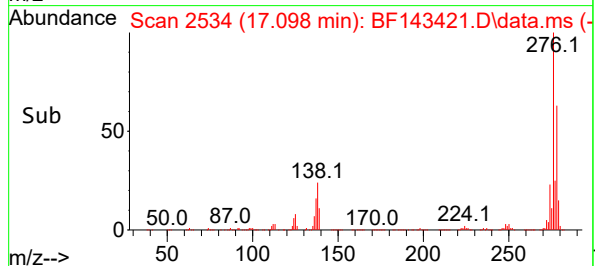
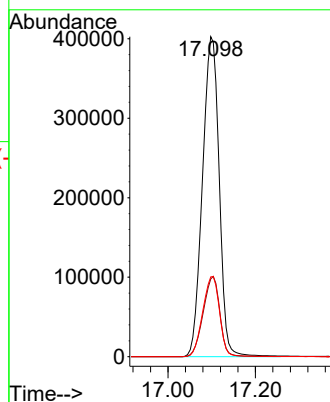
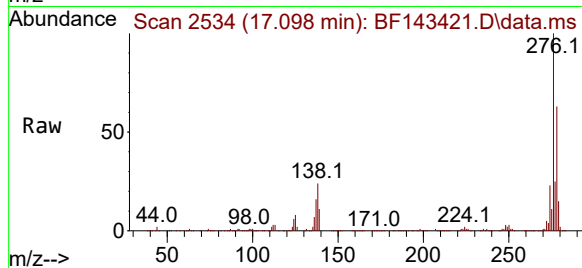
Tgt Ion:276 Resp: 1072706

Ion Ratio Lower Upper

276 100

138 25.1 20.2 30.4

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.035 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

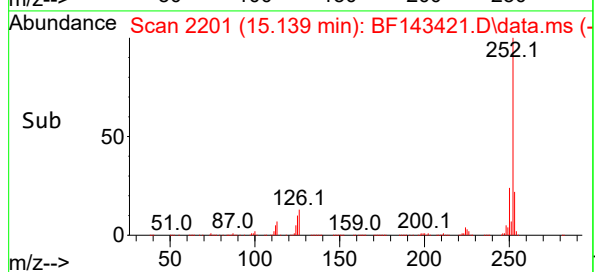
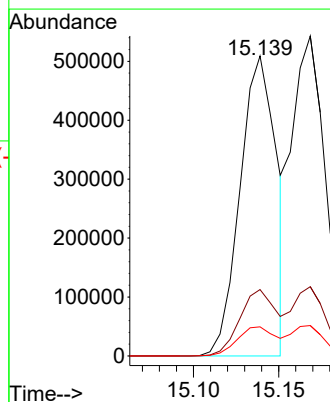
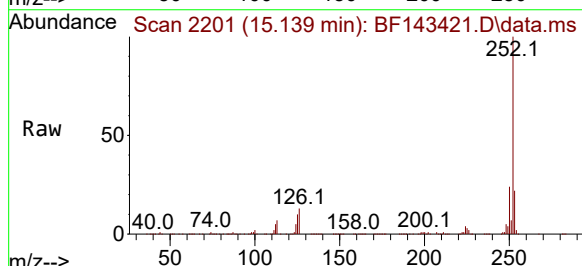
Tgt Ion:252 Resp: 753963

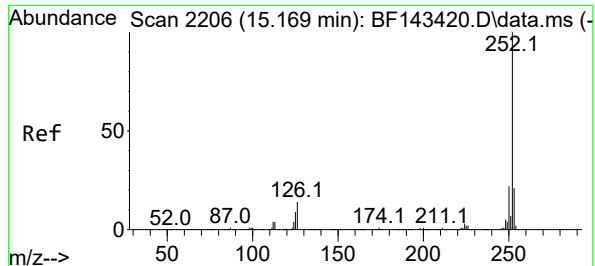
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 9.7 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 48.329 ng

RT: 15.168 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

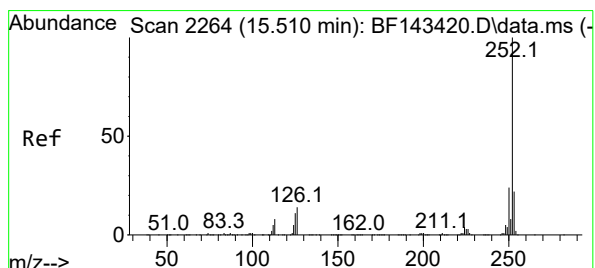
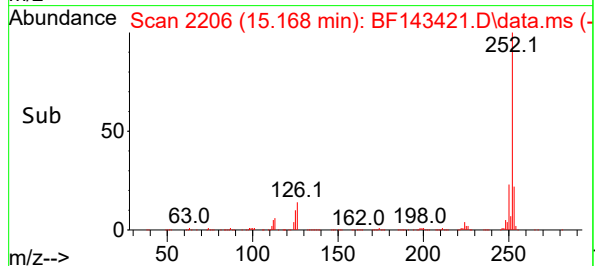
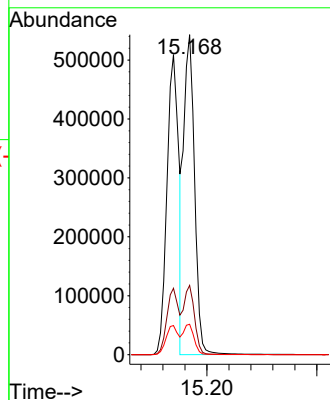
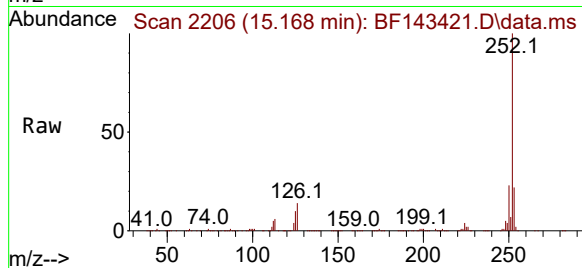
Tgt Ion:252 Resp: 748201

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 9.5 7.4 11.2



#90

Benzo(a)pyrene

Concen: 49.418 ng

RT: 15.516 min Scan# 2265

Delta R.T. 0.006 min

Lab File: BF143421.D

Acq: 15 Aug 2025 16:58

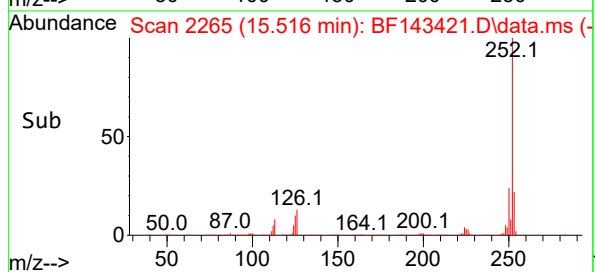
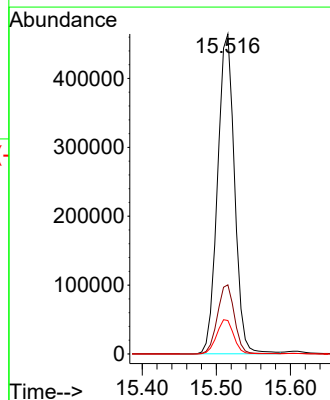
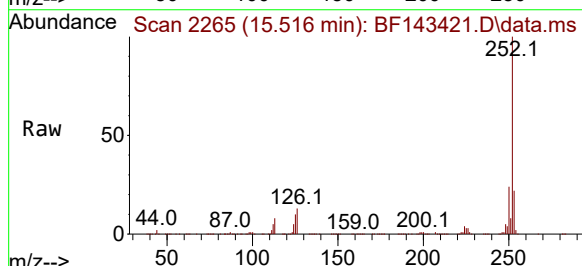
Tgt Ion:252 Resp: 738784

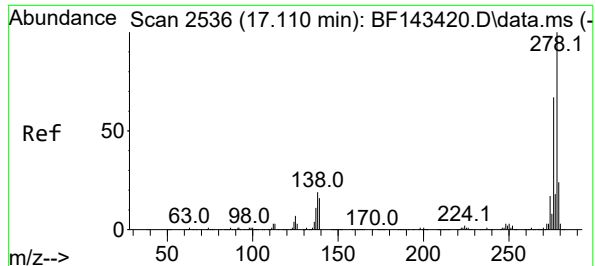
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 10.4 8.6 12.8

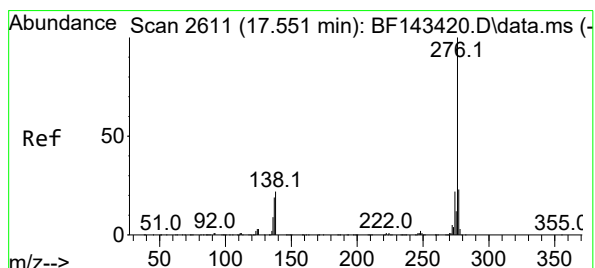
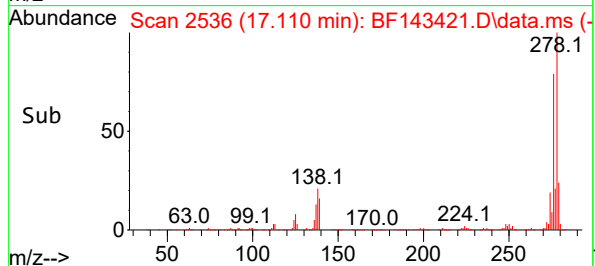
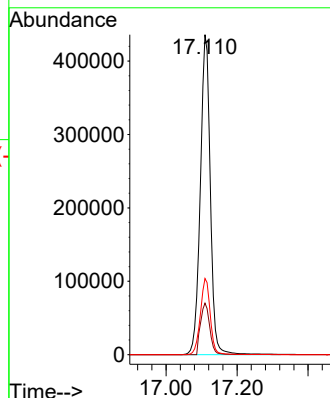
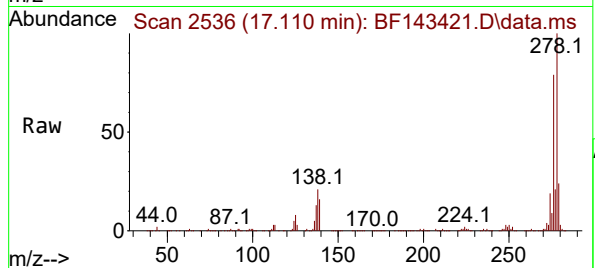




#91
Dibenzo(a,h)anthracene
Concen: 48.523 ng
RT: 17.110 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

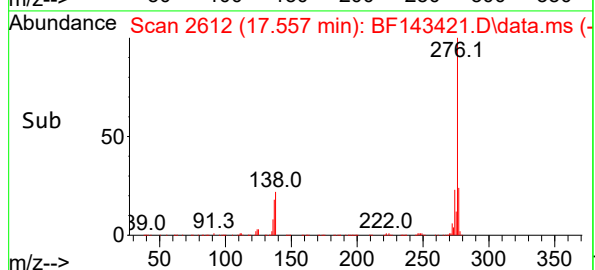
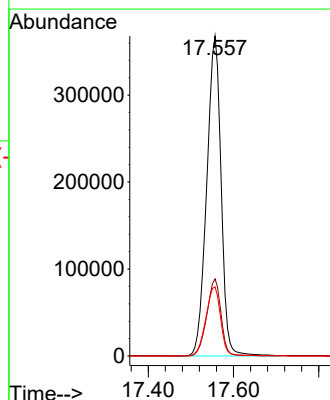
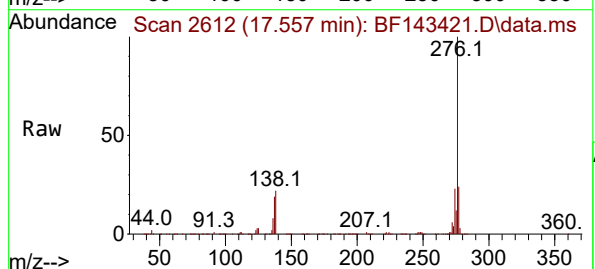
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 855766
Ion Ratio Lower Upper
278 100
139 16.1 12.9 19.3
279 23.8 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 49.005 ng
RT: 17.557 min Scan# 2612
Delta R.T. 0.006 min
Lab File: BF143421.D
Acq: 15 Aug 2025 16:58

Tgt Ion:276 Resp: 863384
Ion Ratio Lower Upper
276 100
277 24.1 18.7 28.1
138 21.6 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143422.D
 Acq On : 15 Aug 2025 17:27
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Aug 15 18:29:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:23:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	103004	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	394093	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	216471	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	345949	20.000	ng	0.00
76) Chrysene-d12	14.086	240	183739	20.000	ng	0.00
86) Perylene-d12	15.574	264	234521	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	706677	119.261	ng	0.00
7) Phenol-d6	6.563	99	874080	117.052	ng	0.00
23) Nitrobenzene-d5	7.487	82	801462	120.677	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	240835	124.995	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1405470	109.206	ng	0.00
79) Terphenyl-d14	13.027	244	1336250	122.168	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.693	88	170131	59.648	ng 100
3) Pyridine	3.481	79	468124	62.578	ng 100
4) n-Nitrosodimethylamine	3.422	42	213122	61.294	ng 99
6) Aniline	6.592	93	600661	59.251	ng 97
8) 2-Chlorophenol	6.716	128	388837	59.438	ng 99
9) Benzaldehyde	6.475	77	197912	49.820	ng 99
10) Phenol	6.575	94	514768	59.074	ng 100
11) bis(2-Chloroethyl)ether	6.663	93	381275	59.028	ng 99
12) 1,3-Dichlorobenzene	6.869	146	427836	58.383	ng 100
13) 1,4-Dichlorobenzene	6.945	146	425679	58.184	ng 99
14) 1,2-Dichlorobenzene	7.098	146	404912	57.945	ng 99
15) Benzyl Alcohol	7.069	79	333850	60.623	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	638435	57.816	ng 98
17) 2-Methylphenol	7.181	107	319847	59.925	ng 99
18) Hexachloroethane	7.439	117	147825	59.362	ng 98
19) n-Nitroso-di-n-propyla...	7.339	70	263397	56.976	ng 99
20) 3+4-Methylphenols	7.334	107	375256	58.800	ng 96
22) Acetophenone	7.334	105	480508	56.709	ng 98
24) Nitrobenzene	7.510	77	418529	60.296	ng 97
25) Isophorone	7.751	82	762143	59.959	ng 99
26) 2-Nitrophenol	7.828	139	207903	64.610	ng 97
27) 2,4-Dimethylphenol	7.863	122	318392	58.521	ng 99
28) bis(2-Chloroethoxy)met...	7.951	93	462973	59.257	ng 99
29) 2,4-Dichlorophenol	8.069	162	335897	60.564	ng 99
30) 1,2,4-Trichlorobenzene	8.151	180	333743	58.729	ng 99
31) Naphthalene	8.234	128	1088551	58.181	ng 100
32) Benzoic acid	7.981	122	185215	65.770	ng 98
33) 4-Chloroaniline	8.275	127	405337	60.020	ng 99
34) Hexachlorobutadiene	8.351	225	215339	59.425	ng 98
35) Caprolactam	8.651	113	102996	64.503	ng 99
36) 4-Chloro-3-methylphenol	8.757	107	347155	60.776	ng 99
37) 2-Methylnaphthalene	8.922	142	728301	57.750	ng 100
38) 1-Methylnaphthalene	9.022	142	690769	57.169	ng 100
40) 1,2,4,5-Tetrachloroben...	9.092	216	350585	58.072	ng 100
41) Hexachlorocyclopentadiene	9.081	237	123367	58.008	ng 98
43) 2,4,6-Trichlorophenol	9.198	196	229993	61.072	ng 99

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 Acq On : 15 Aug 2025 17:27
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

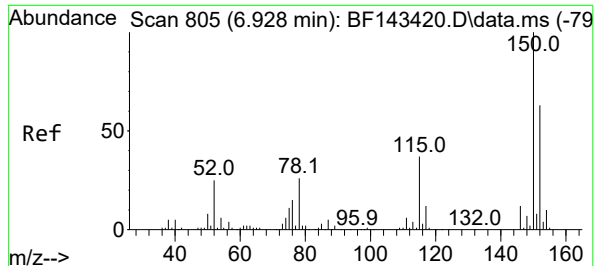
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:23:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	244578	60.587	ng	99
46) 1,1'-Biphenyl	9.386	154	864141	56.815	ng	99
47) 2-Chloronaphthalene	9.410	162	693668	57.777	ng	99
48) 2-Nitroaniline	9.504	65	226112	63.287	ng	97
49) Acenaphthylene	9.828	152	1009829	58.256	ng	99
50) Dimethylphthalate	9.675	163	804304	59.596	ng	99
51) 2,6-Dinitrotoluene	9.739	165	170673	64.151	ng	99
52) Acenaphthene	9.998	154	686545	58.887	ng	99
53) 3-Nitroaniline	9.910	138	190315	64.218	ng	99
54) 2,4-Dinitrophenol	10.022	184	75977	62.767	ng	98
55) Dibenzofuran	10.169	168	972484	57.822	ng	99
56) 4-Nitrophenol	10.075	139	127015	68.171	ng	95
57) 2,4-Dinitrotoluene	10.145	165	235687	66.446	ng	99
58) Fluorene	10.510	166	737784	57.102	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	199075	65.147	ng	98
60) Diethylphthalate	10.380	149	746953	59.893	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	372354	58.290	ng	96
62) 4-Nitroaniline	10.528	138	183532	66.220	ng	99
63) Azobenzene	10.663	77	751747	59.640	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	121894	68.289	ng	96
66) n-Nitrosodiphenylamine	10.622	169	646995	57.518	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	239597	58.650	ng	99
68) Hexachlorobenzene	11.063	284	253488	58.367	ng	99
69) Atrazine	11.145	200	208818	63.468	ng	99
70) Pentachlorophenol	11.257	266	127891	66.328	ng	99
71) Phenanthrene	11.475	178	1073495	57.303	ng	100
72) Anthracene	11.527	178	1084628	57.323	ng	99
73) Carbazole	11.680	167	944227	59.003	ng	100
74) Di-n-butylphthalate	12.004	149	1011466	63.470	ng	99
75) Fluoranthene	12.663	202	991147	59.543	ng	99
77) Benzidine	12.774	184	298398	57.369	ng	100
78) Pyrene	12.892	202	995037	62.306	ng	100
80) Butylbenzylphthalate	13.498	149	268326	67.834	ng	99
81) Benzo(a)anthracene	14.074	228	733117	62.671	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	212422	62.021	ng	99
83) Chrysene	14.116	228	627062	57.984	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	357629	63.663	ng	99
85) Di-n-octyl phthalate	14.668	149	708936	62.221	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	1057633	60.138	ng	99
88) Benzo(b)fluoranthene	15.139	252	732842	58.304	ng	99
89) Benzo(k)fluoranthene	15.168	252	760663	61.356	ng	99
90) Benzo(a)pyrene	15.515	252	733266	61.250	ng	100
91) Dibenzo(a,h)anthracene	17.109	278	850641	60.230	ng	99
92) Benzo(g,h,i)perylene	17.556	276	854308	60.552	ng	99

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

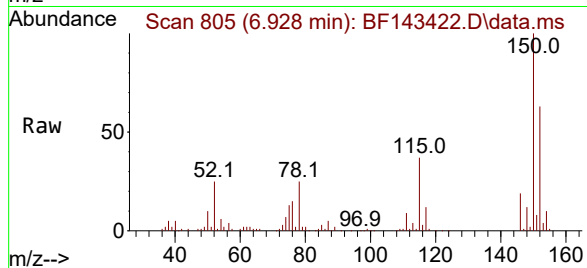
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BNA_F
ClientSampleId :
SSTDICC060

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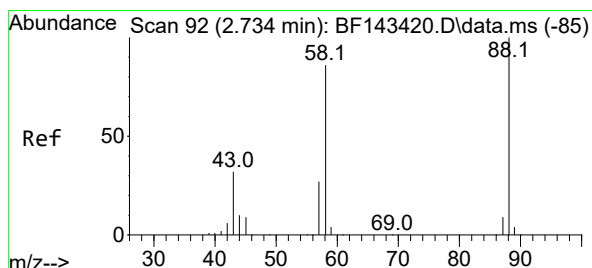
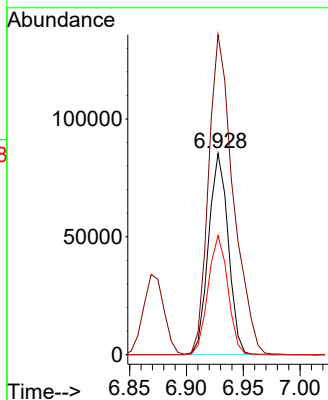
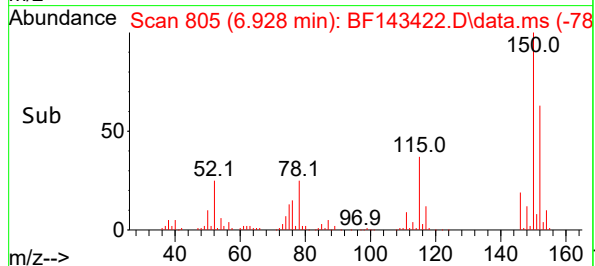


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

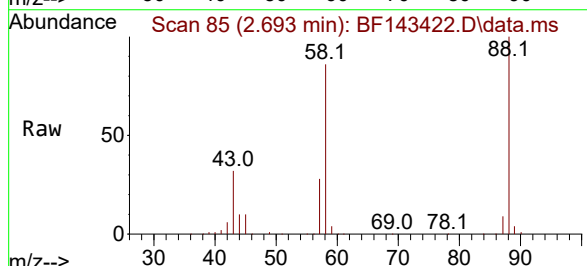
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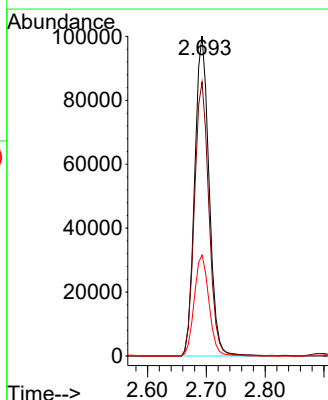
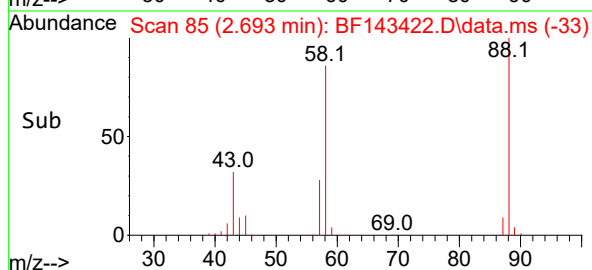
Tgt Ion:152 Resp: 103004
Ion Ratio Lower Upper
152 100
150 158.9 127.4 191.2
115 59.2 47.5 71.3

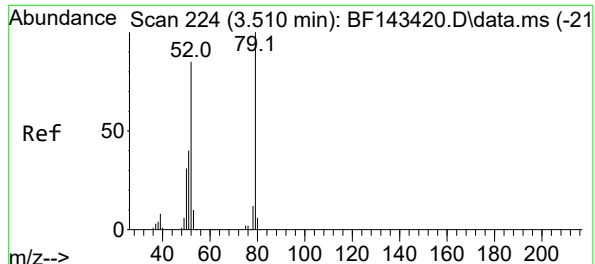


#2
1,4-Dioxane
Concen: 59.648 ng
RT: 2.693 min Scan# 85
Delta R.T. -0.041 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27



Tgt Ion: 88 Resp: 170131
Ion Ratio Lower Upper
88 100
58 86.1 68.7 103.1
43 32.1 26.1 39.1





#3

Pyridine

Concen: 62.578 ng

RT: 3.481 min Scan# 21

Delta R.T. -0.030 min

Lab File: BF143422.D

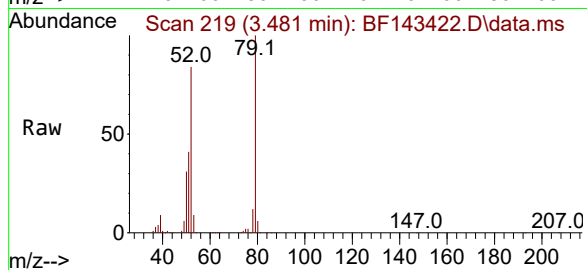
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Instrument :

BNA_F

ClientSampleId :

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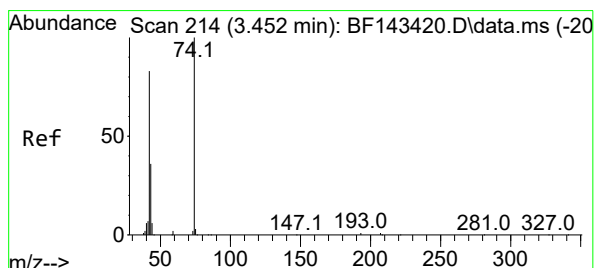
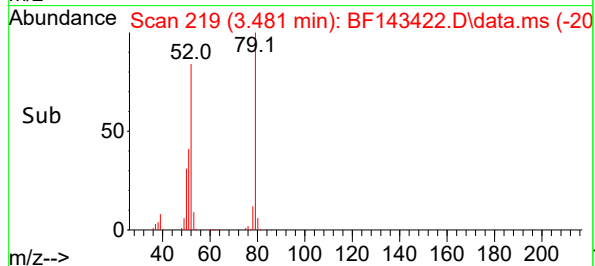
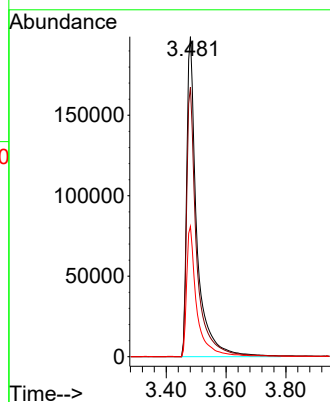
Tgt Ion: 79 Resp: 468124

Ion Ratio Lower Upper

79 100

52 84.2 67.7 101.5

51 40.7 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 61.294 ng

RT: 3.422 min Scan# 209

Delta R.T. -0.030 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

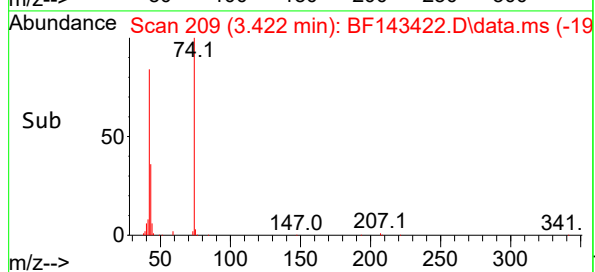
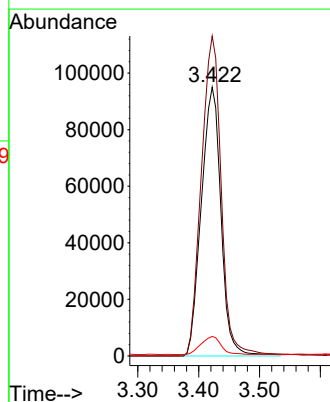
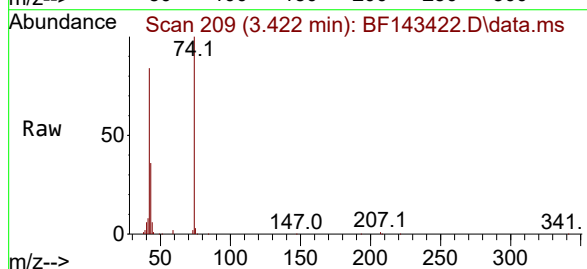
Tgt Ion: 42 Resp: 213122

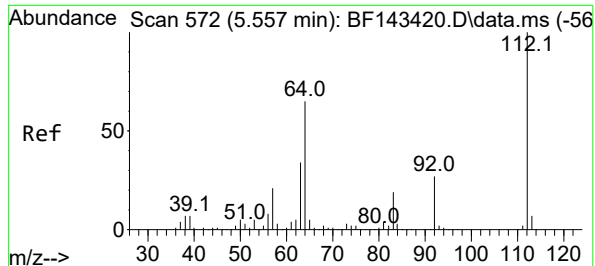
Ion Ratio Lower Upper

42 100

74 119.0 96.2 144.4

44 7.3 5.9 8.9

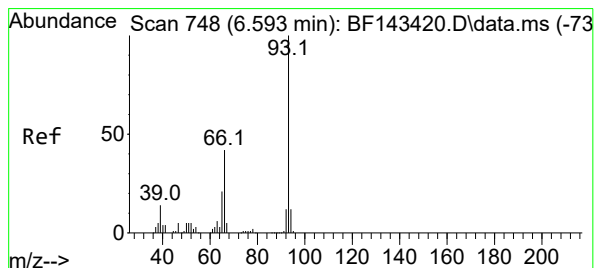
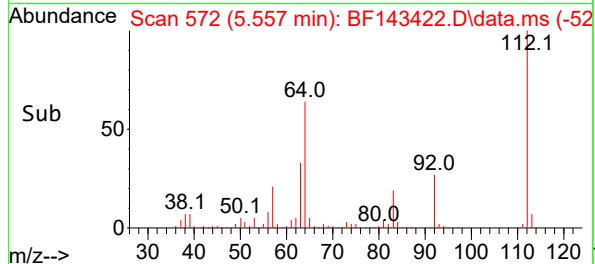
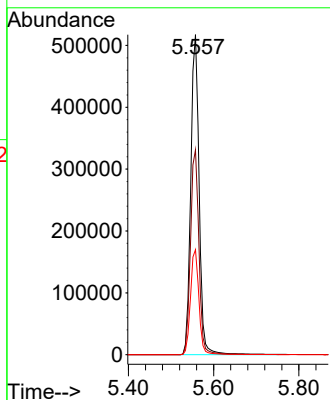
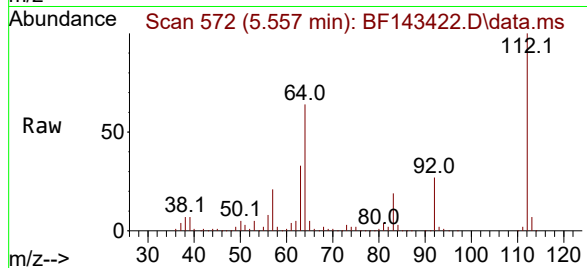




#5
2-Fluorophenol
Concen: 119.261 ng
RT: 5.557 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

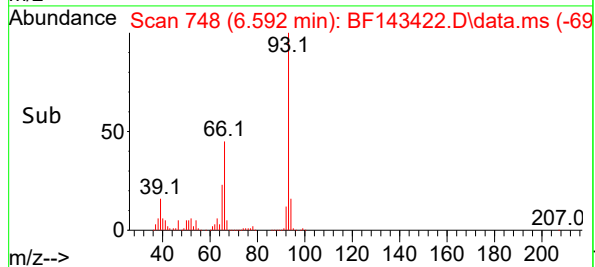
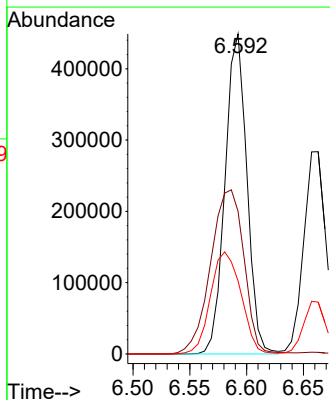
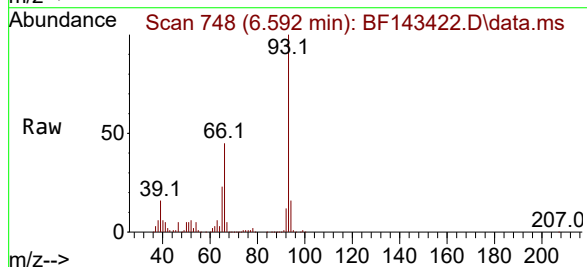
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ClientSampleId :
SSTDICC060

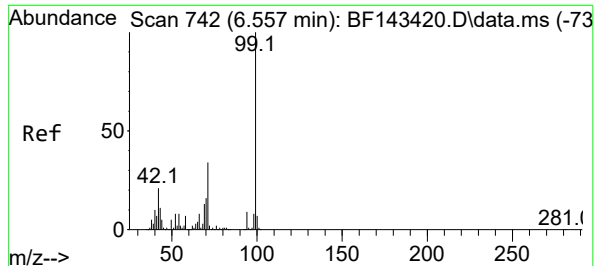
Tgt Ion:112 Resp: 706677
Ion Ratio Lower Upper
112 100
64 64.0 52.2 78.2
63 32.8 27.0 40.6



#6
Aniline
Concen: 59.251 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

Tgt Ion: 93 Resp: 600661
Ion Ratio Lower Upper
93 100
66 44.6 33.8 50.8
65 22.8 17.2 25.8

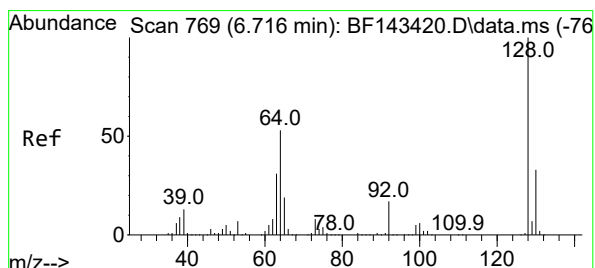
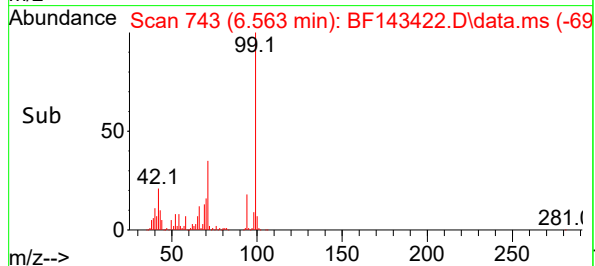
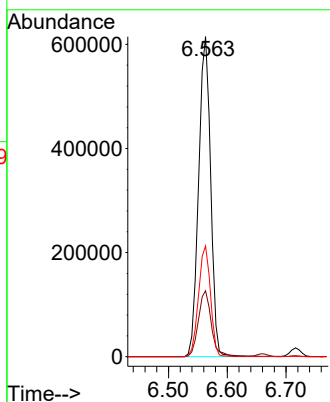
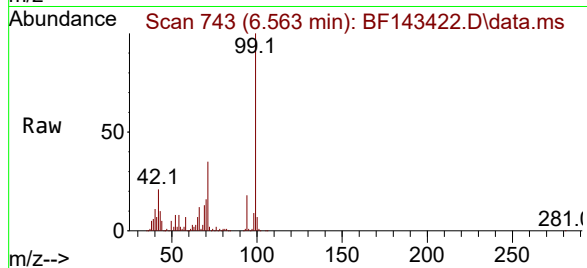




#7
Phenol-d6
Concen: 117.052 ng
RT: 6.563 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

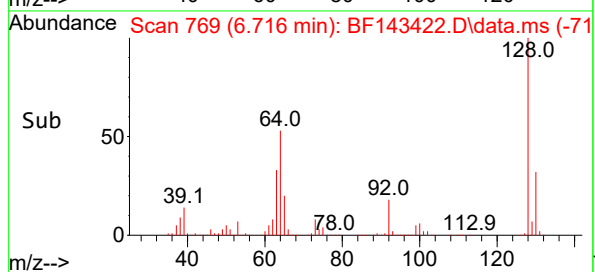
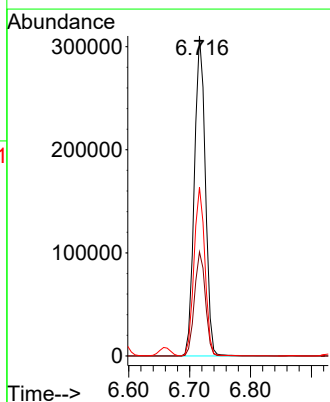
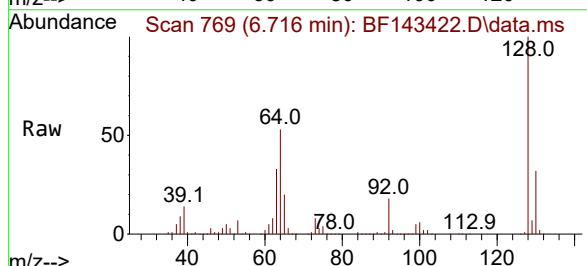
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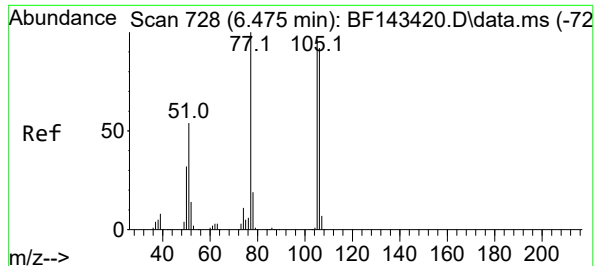
Tgt Ion: 99 Resp: 874080
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 34.6 27.4 41.2



#8
2-Chlorophenol
Concen: 59.438 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

Tgt Ion: 128 Resp: 388837
Ion Ratio Lower Upper
128 100
130 32.5 12.9 52.9
64 52.7 33.1 73.1





#9

Benzaldehyde

Concen: 49.820 ng

RT: 6.475 min Scan# 728

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

Instrument :

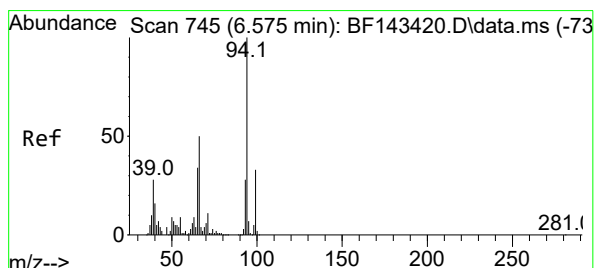
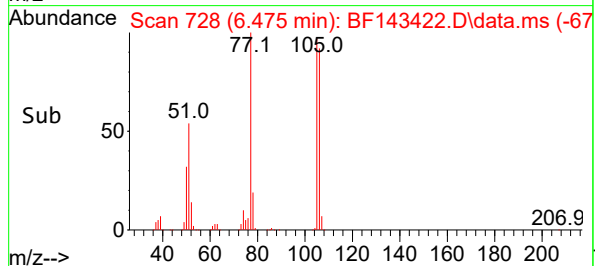
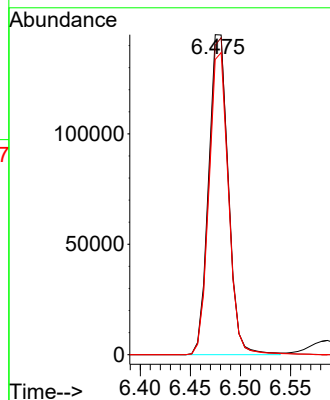
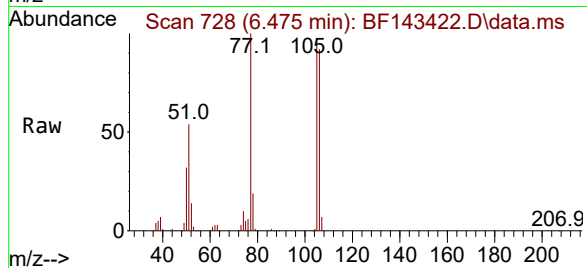
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 197912

Ion	Ratio	Lower	Upper
77	100		
105	96.7	75.5	115.5
106	92.2	72.0	112.0



#10

Phenol

Concen: 59.074 ng

RT: 6.575 min Scan# 745

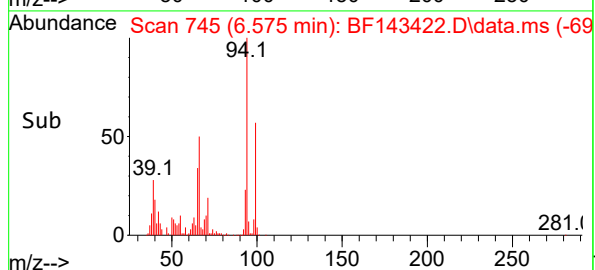
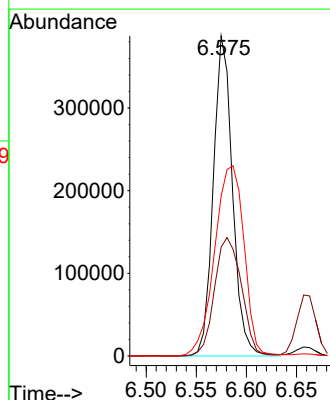
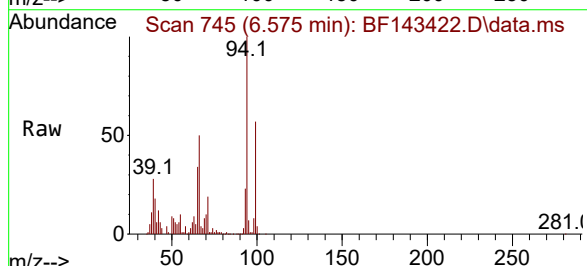
Delta R.T. -0.000 min

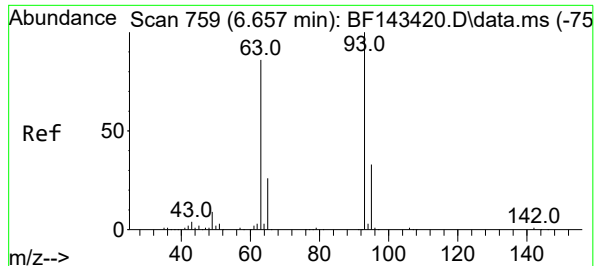
Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

Tgt Ion: 94 Resp: 514768

Ion	Ratio	Lower	Upper
94	100		
65	34.0	13.7	53.7
66	50.0	30.3	70.3

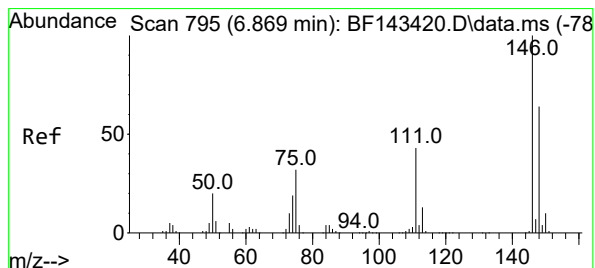
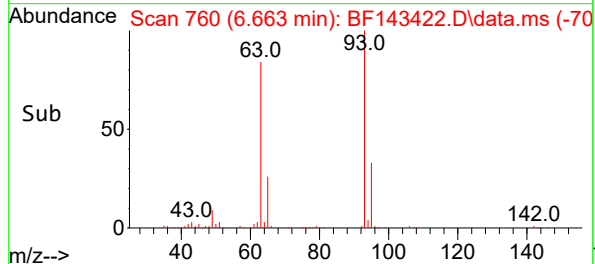
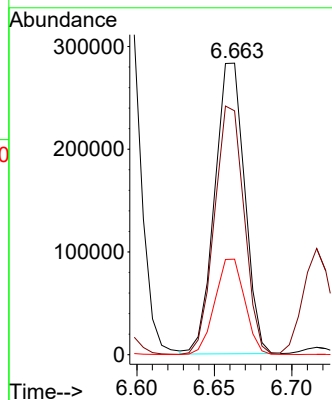
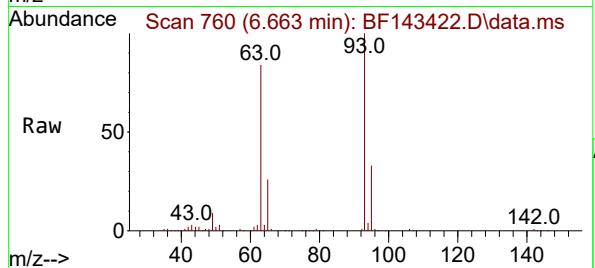




#11
bis(2-Chloroethyl)ether
Concen: 59.028 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

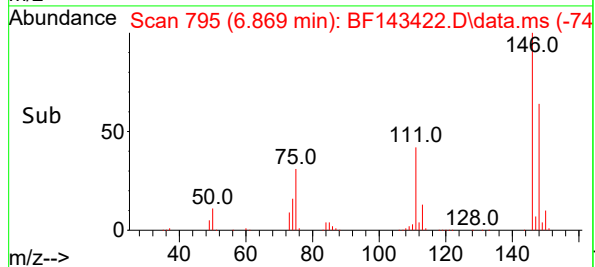
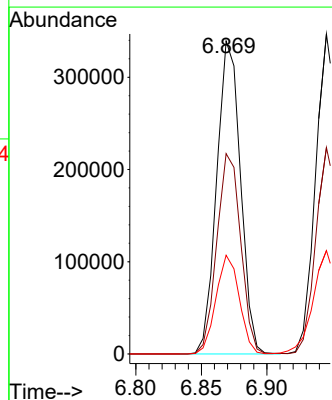
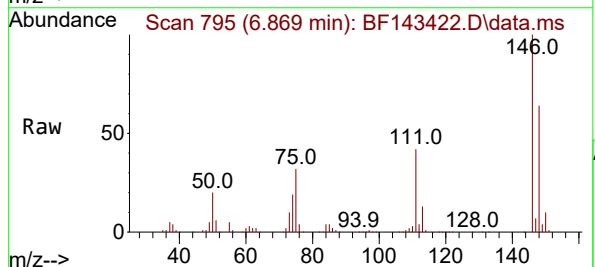
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

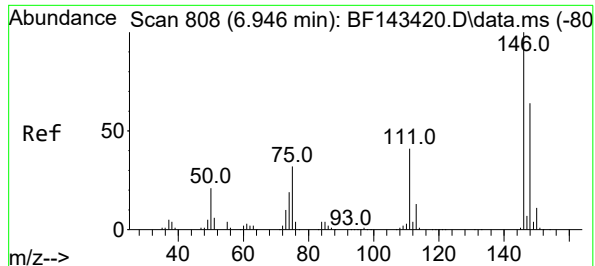
Tgt Ion: 93 Resp: 381275
Ion Ratio Lower Upper
93 100
63 83.6 65.4 105.4
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 58.383 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

Tgt Ion: 146 Resp: 427836
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 31.6 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 58.184 ng

RT: 6.945 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

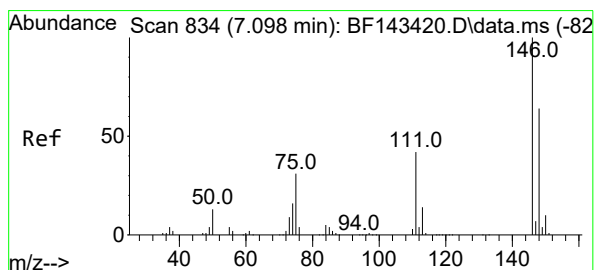
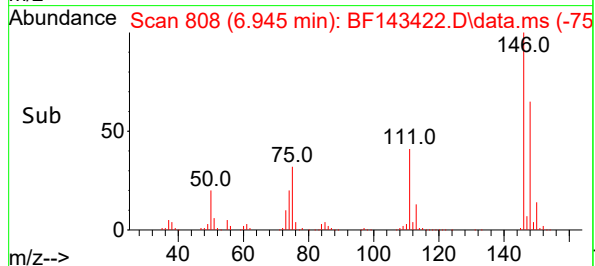
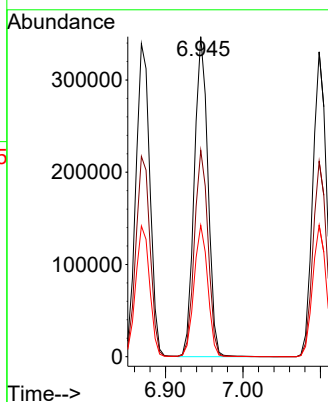
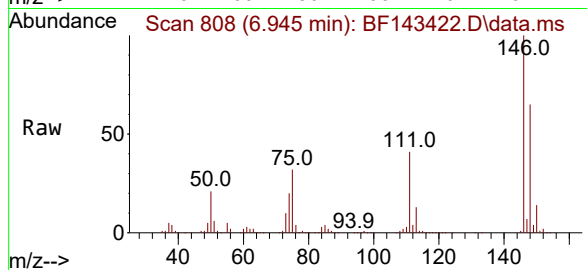
Tgt Ion:146 Resp: 425679

Ion Ratio Lower Upper

146 100

148 64.5 51.1 76.7

111 41.0 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 57.945 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

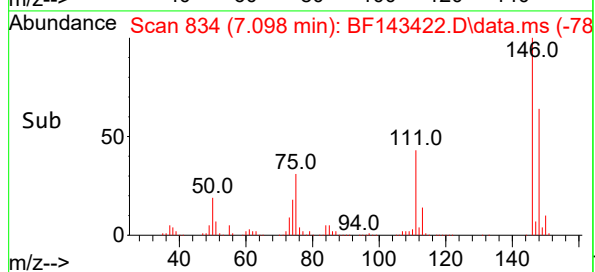
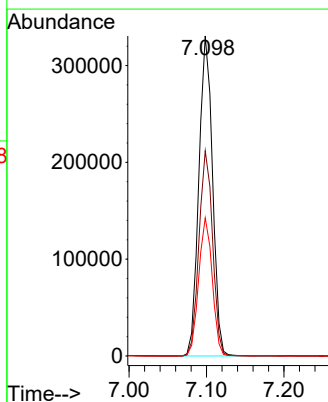
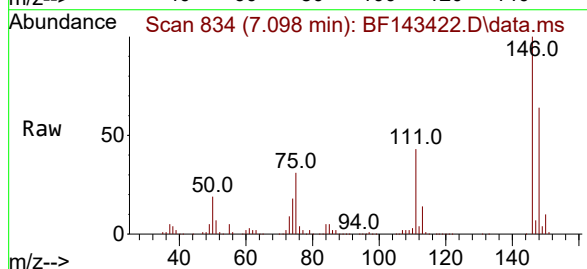
Tgt Ion:146 Resp: 404912

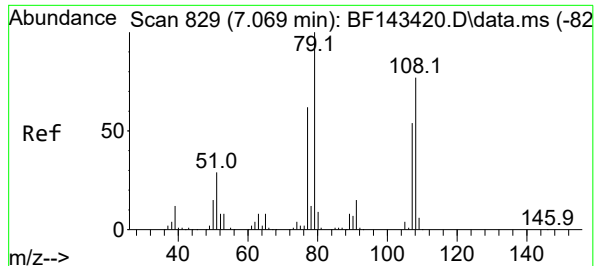
Ion Ratio Lower Upper

146 100

148 64.1 51.4 77.0

111 43.2 33.9 50.9

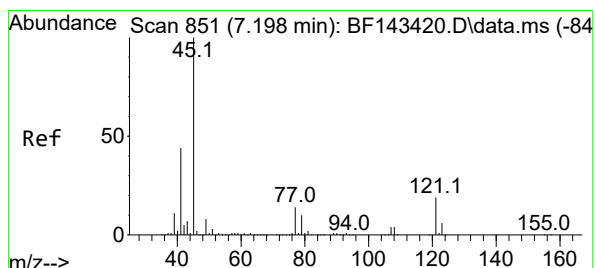
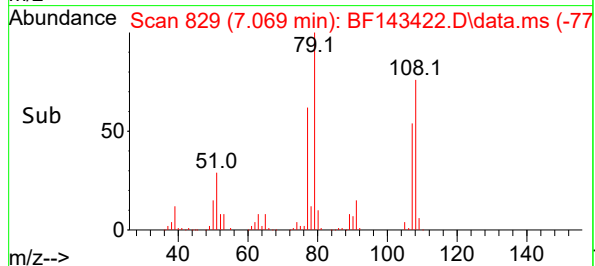
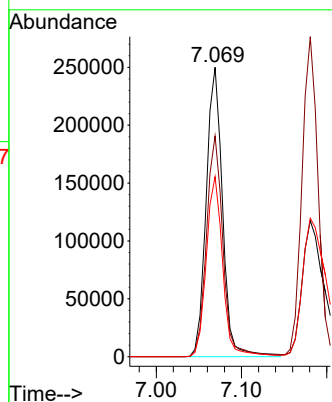
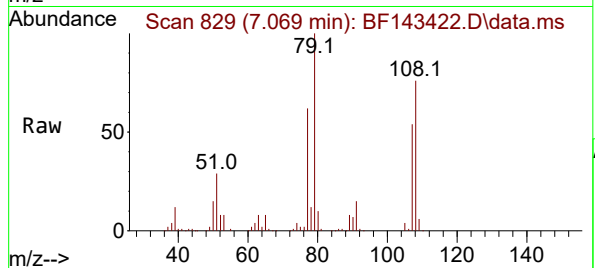




#15
Benzyl Alcohol
Concen: 60.623 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

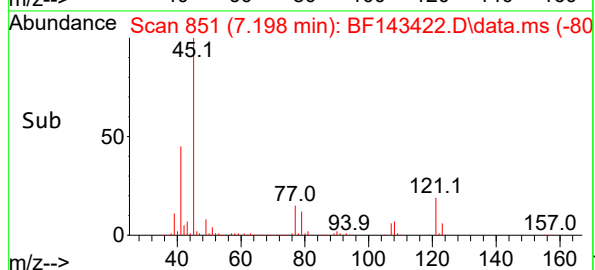
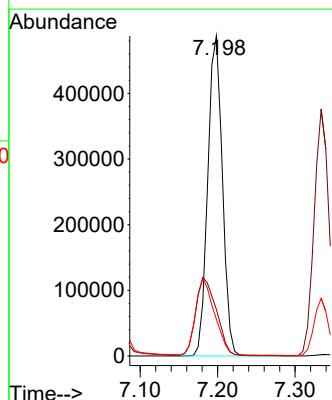
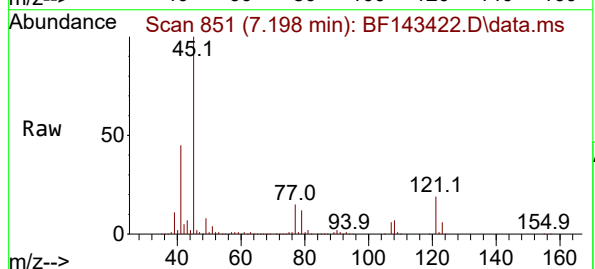
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

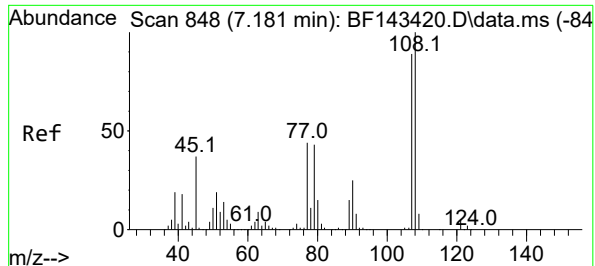
Tgt Ion: 79 Resp: 333850
Ion Ratio Lower Upper
79 100
108 76.3 61.9 92.9
77 62.2 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 57.816 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

Tgt Ion: 45 Resp: 638435
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.9
79 11.5 0.0 30.7

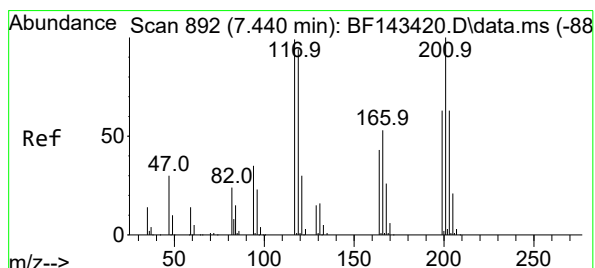
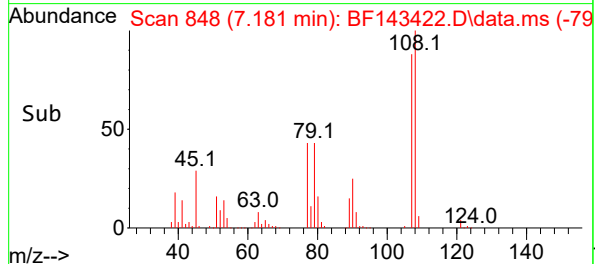
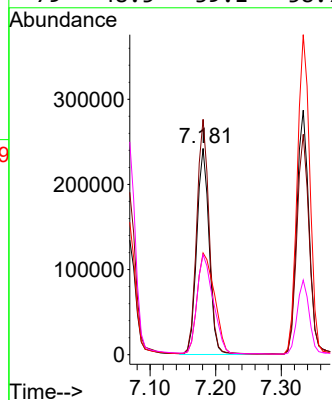
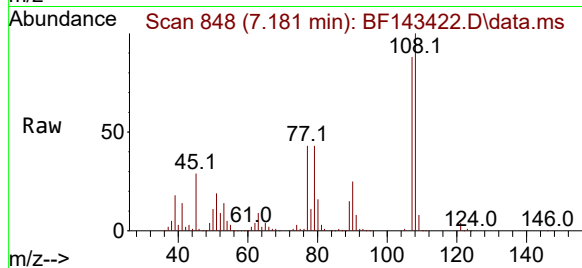




#17
2-Methylphenol
Concen: 59.925 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

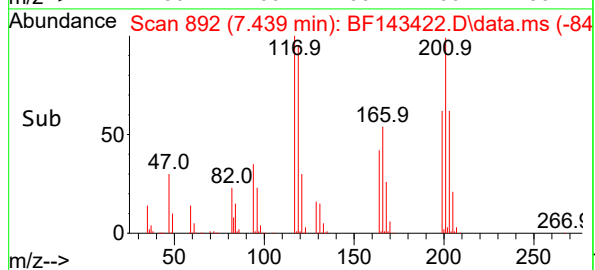
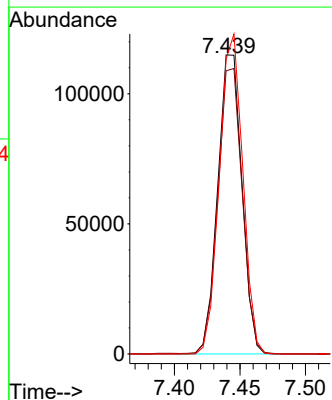
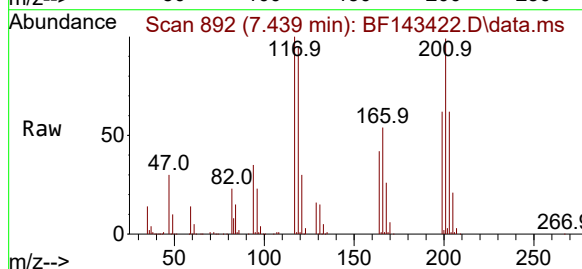
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

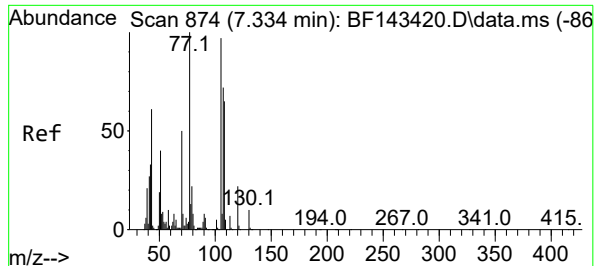
Tgt Ion:	107	Resp:	319847
Ion	Ratio	Lower	Upper
107	100		
108	114.1	90.1	135.1
77	49.3	39.9	59.9
79	48.5	39.1	58.7



#18
Hexachloroethane
Concen: 59.362 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

Tgt Ion:	117	Resp:	147825
Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.6	114.8
201	98.7	81.0	121.4





#19

n-Nitroso-di-n-propylamine

Concen: 56.976 ng

RT: 7.339 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF143422.D

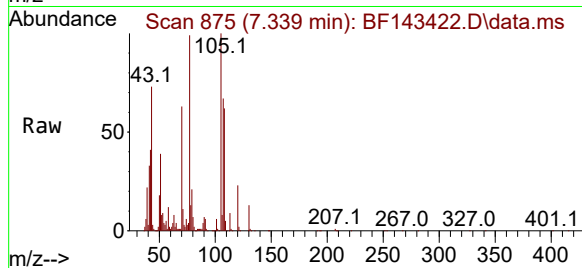
Acq: 15 Aug 2025 17:27

Instrument :

BNA_F

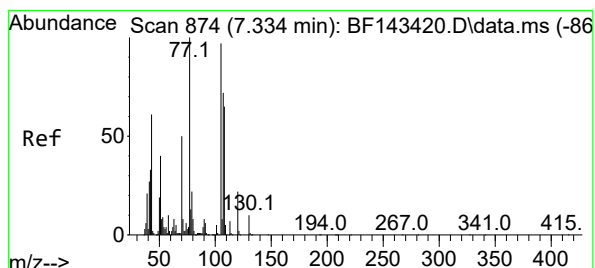
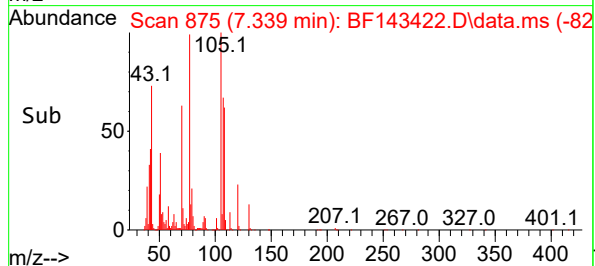
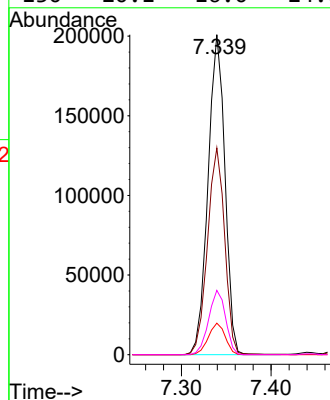
ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 263397

Ion	Ratio	Lower	Upper
70	100		
42	64.6	52.5	78.7
101	9.9	7.9	11.9
130	20.1	16.0	24.0



#20

3+4-Methylphenols

Concen: 58.800 ng

RT: 7.334 min Scan# 874

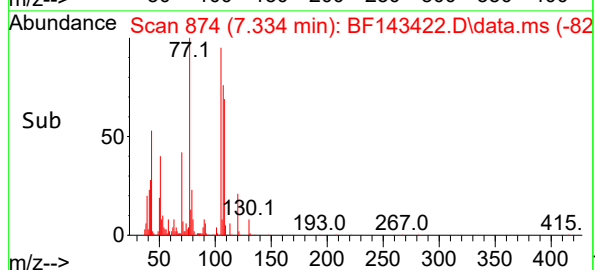
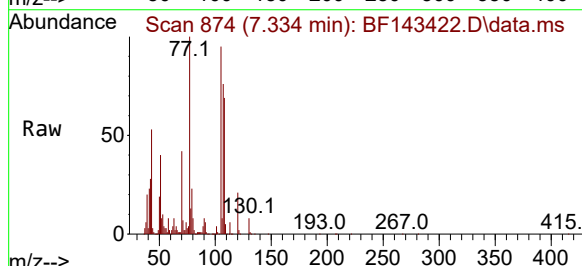
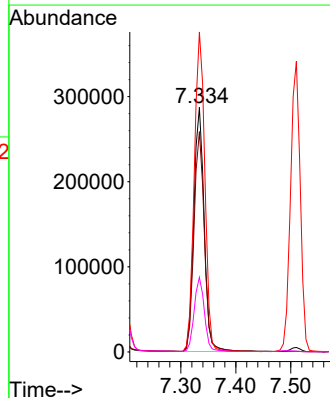
Delta R.T. -0.000 min

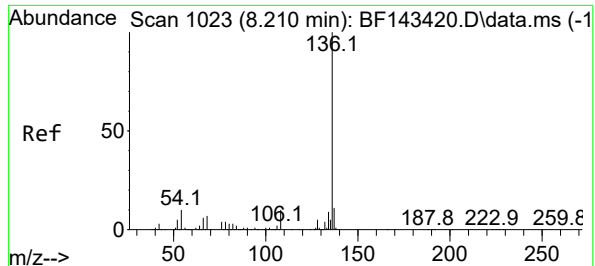
Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

Tgt Ion: 107 Resp: 375256

Ion	Ratio	Lower	Upper
107	100		
108	90.1	70.8	110.8
77	130.9	119.1	159.1
79	30.5	11.2	51.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF143422.D

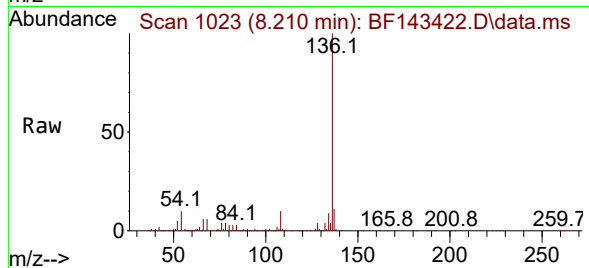
Acq: 15 Aug 2025 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:136 Resp: 394093

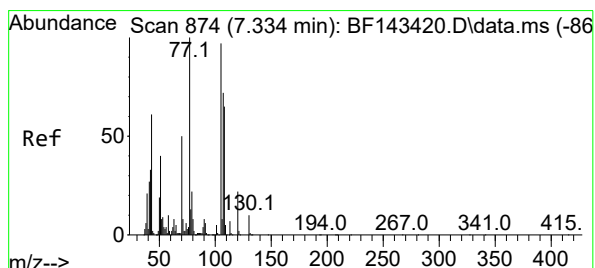
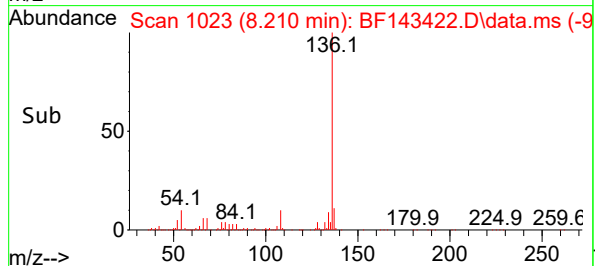
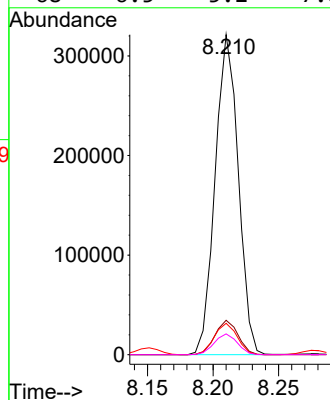
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 9.8 7.8 11.8

68 6.5 5.2 7.8



#22

Acetophenone

Concen: 56.709 ng

RT: 7.334 min Scan# 874

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

Tgt Ion:105 Resp: 480508

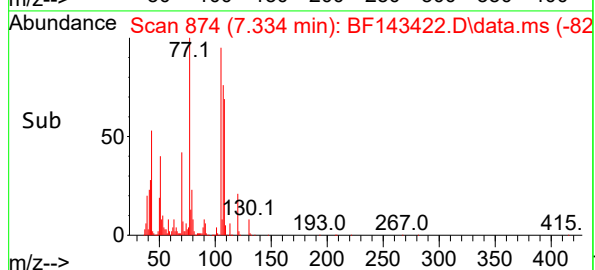
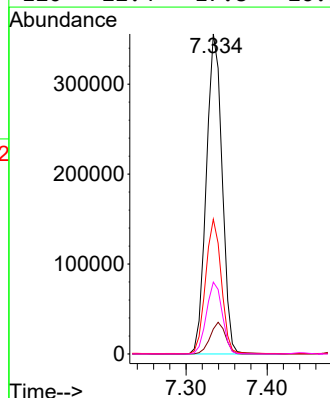
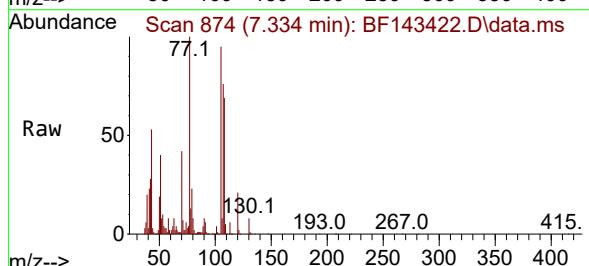
Ion Ratio Lower Upper

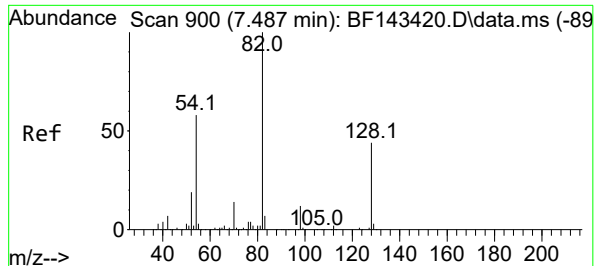
105 100

71 7.8 7.0 10.4

51 42.1 32.7 49.1

120 22.4 17.8 26.8





#23

Nitrobenzene-d5

Concen: 120.677 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF143422.D

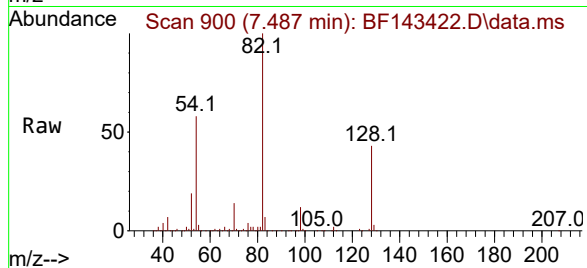
Acq: 15 Aug 2025 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



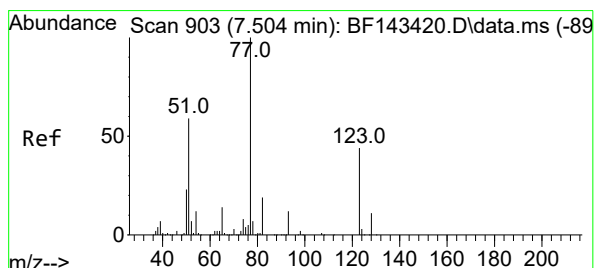
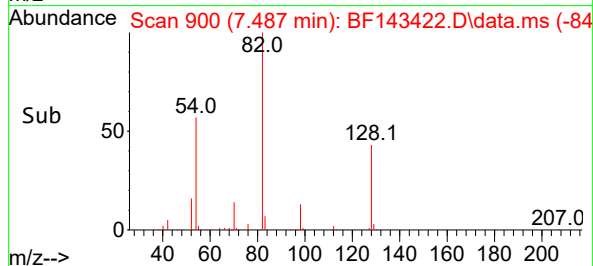
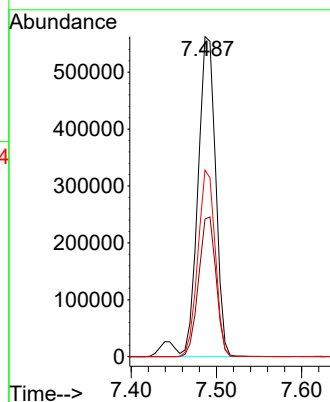
Tgt Ion: 82 Resp: 801462

Ion Ratio Lower Upper

82 100

128 43.1 34.6 52.0

54 58.3 46.0 69.0



#24

Nitrobenzene

Concen: 60.296 ng

RT: 7.510 min Scan# 904

Delta R.T. 0.006 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

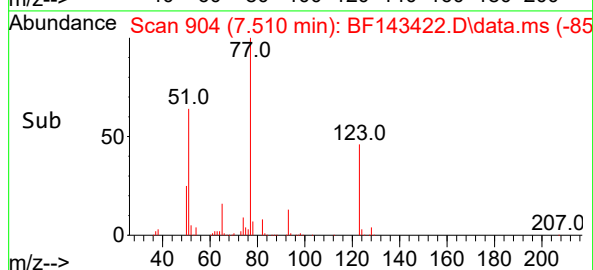
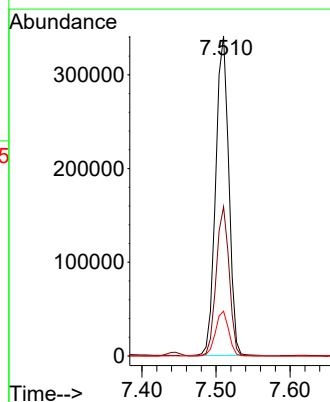
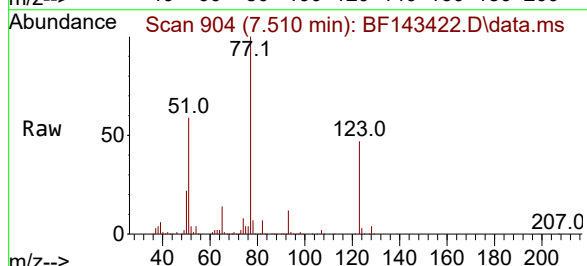
Tgt Ion: 77 Resp: 418529

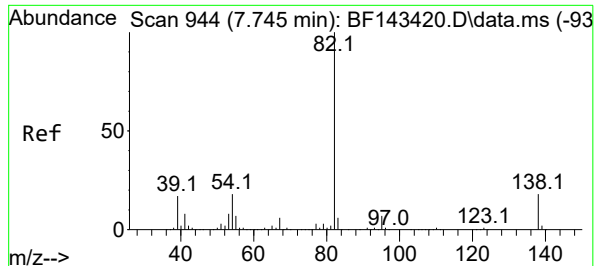
Ion Ratio Lower Upper

77 100

123 46.6 35.4 53.0

65 14.0 11.2 16.8





#25

Isophorone

Concen: 59.959 ng

RT: 7.751 min Scan# 944

Delta R.T. 0.006 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

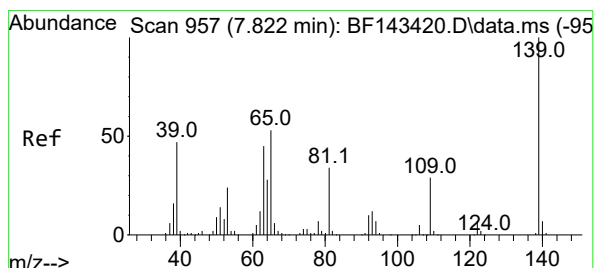
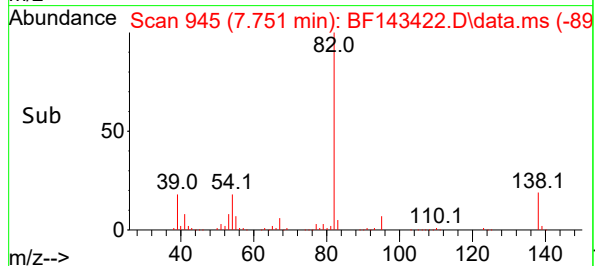
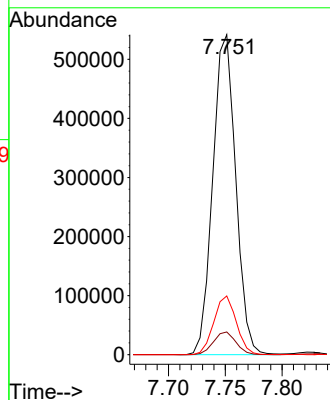
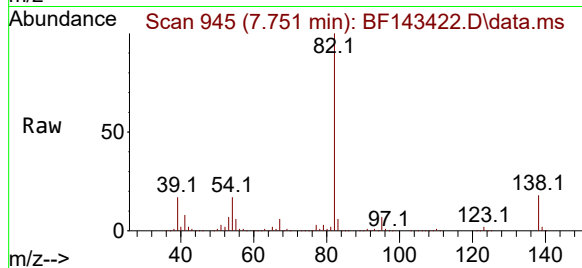
Tgt Ion: 82 Resp: 762143

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

138 18.3 14.3 21.5



#26

2-Nitrophenol

Concen: 64.610 ng

RT: 7.828 min Scan# 958

Delta R.T. 0.006 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

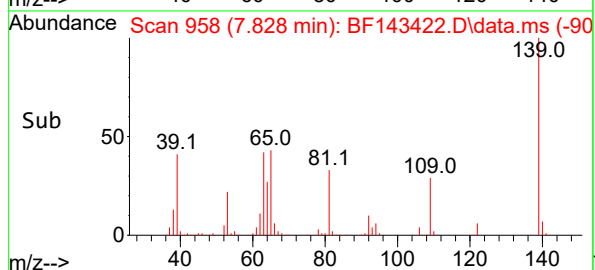
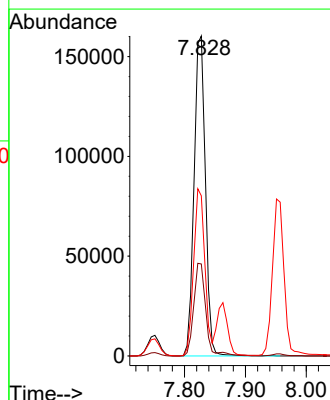
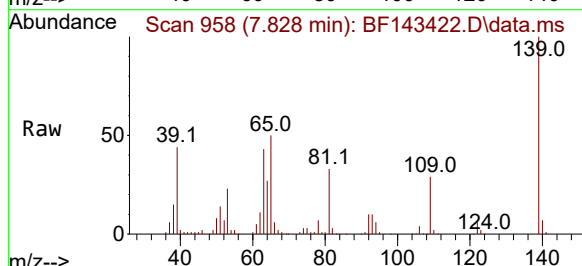
Tgt Ion: 139 Resp: 207903

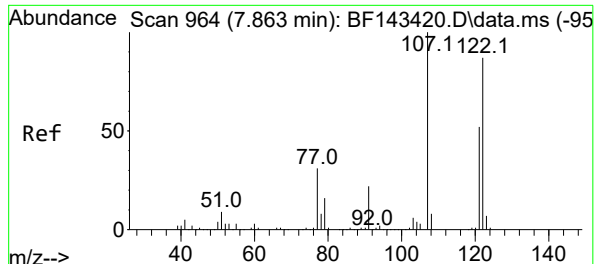
Ion Ratio Lower Upper

139 100

109 28.7 23.0 34.4

65 50.0 42.5 63.7





#27

2,4-Dimethylphenol

Concen: 58.521 ng

RT: 7.863 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

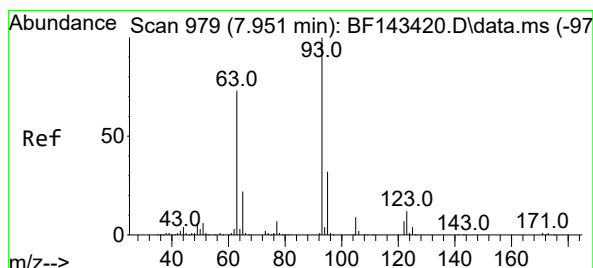
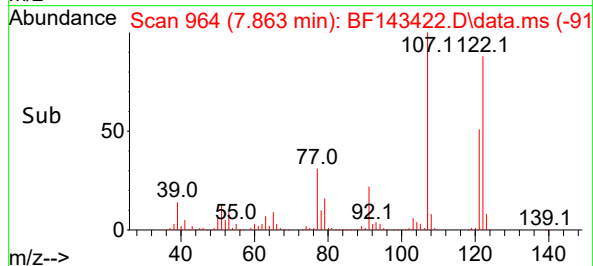
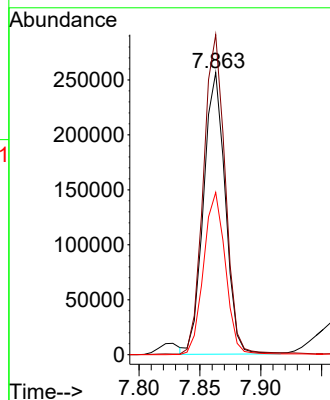
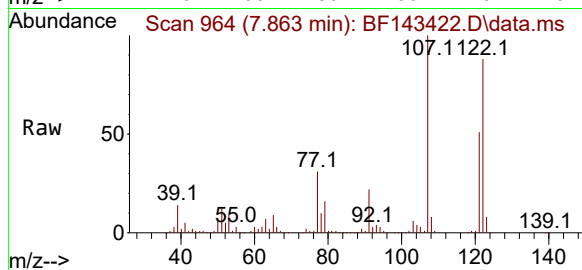
Tgt Ion:122 Resp: 318392

Ion Ratio Lower Upper

122 100

107 113.4 90.4 135.6

121 57.5 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 59.257 ng

RT: 7.951 min Scan# 979

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

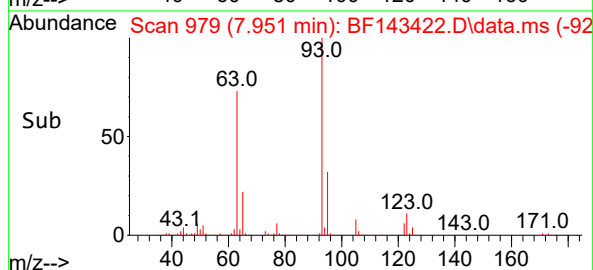
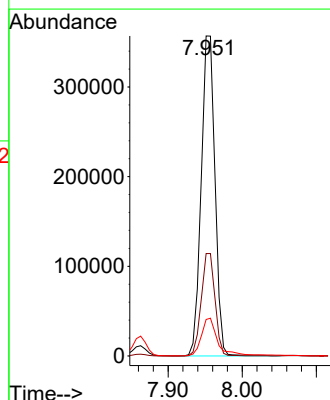
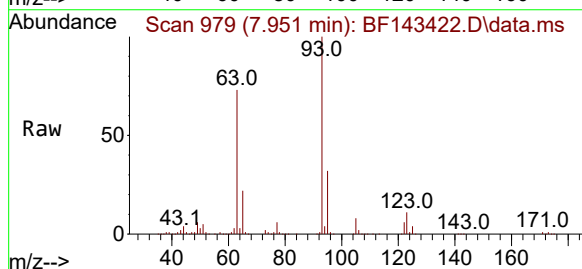
Tgt Ion: 93 Resp: 462973

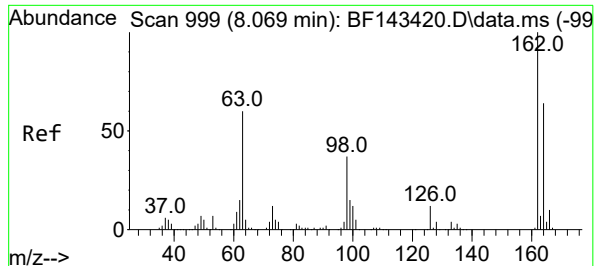
Ion Ratio Lower Upper

93 100

95 32.0 26.0 39.0

123 11.4 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 60.564 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

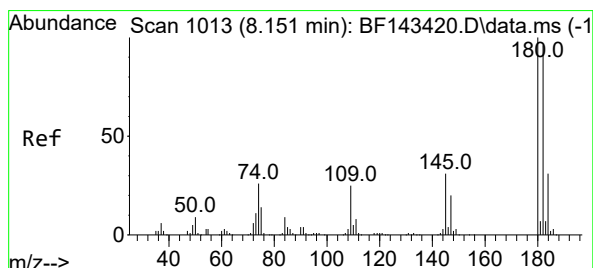
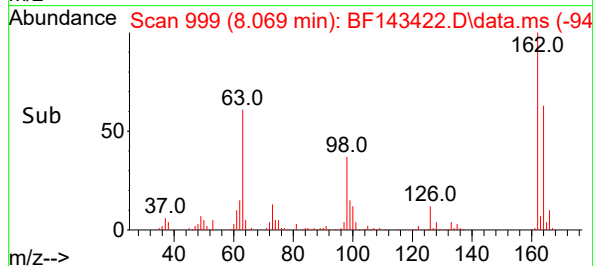
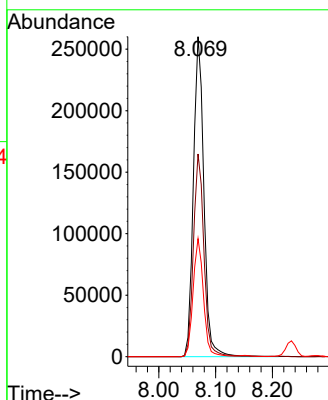
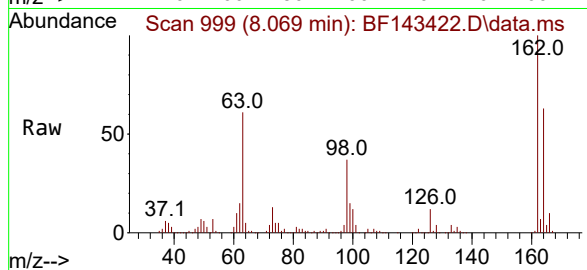
Tgt Ion:162 Resp: 335897

Ion Ratio Lower Upper

162 100

164 63.3 44.3 84.3

98 36.9 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 58.729 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

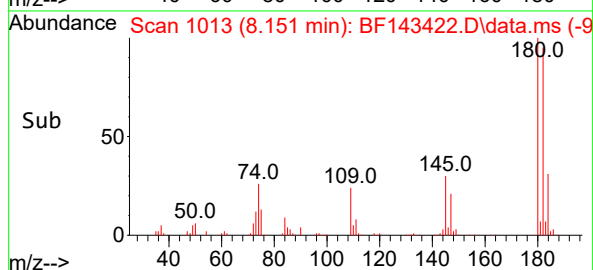
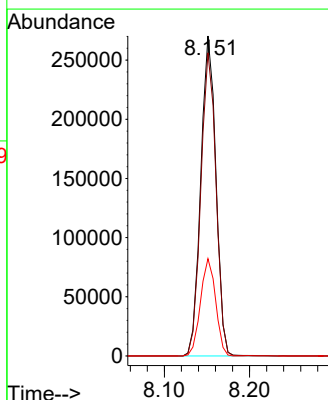
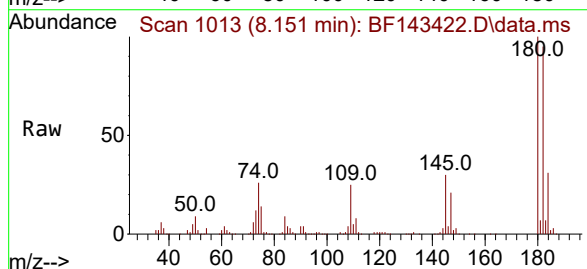
Tgt Ion:180 Resp: 333743

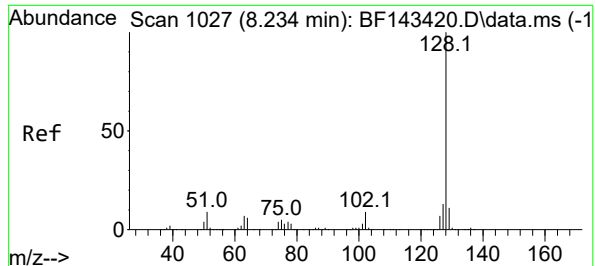
Ion Ratio Lower Upper

180 100

182 94.8 76.7 115.1

145 30.4 24.5 36.7





#31

Naphthalene

Concen: 58.181 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

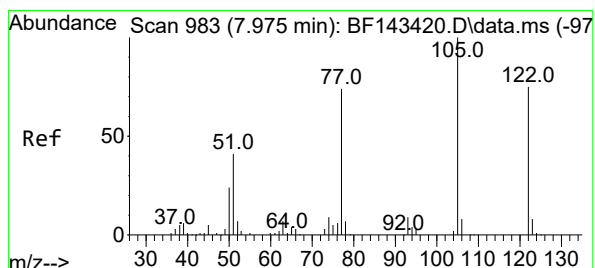
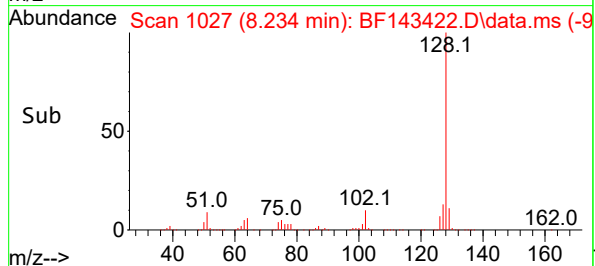
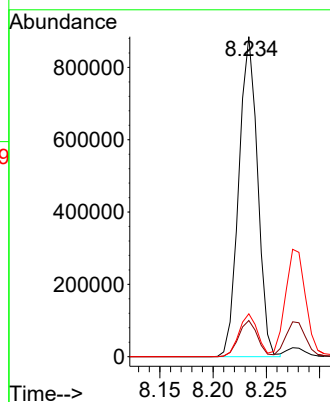
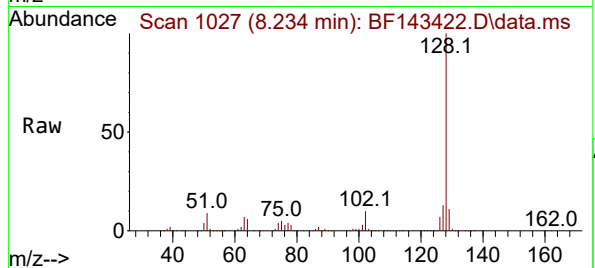
Tgt Ion:128 Resp: 1088551

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.4 10.6 16.0



#32

Benzoic acid

Concen: 65.770 ng

RT: 7.981 min Scan# 984

Delta R.T. 0.006 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

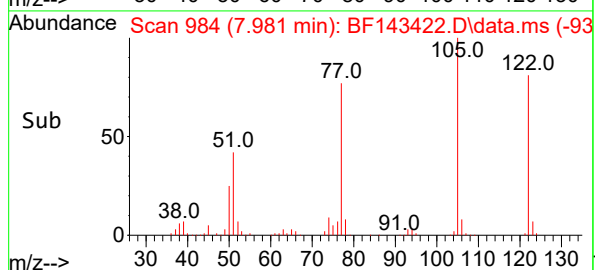
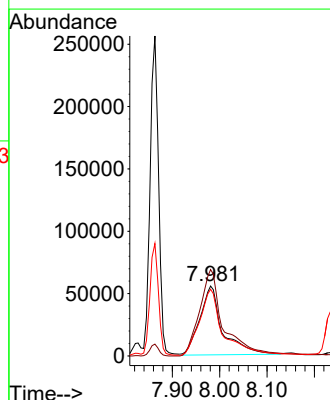
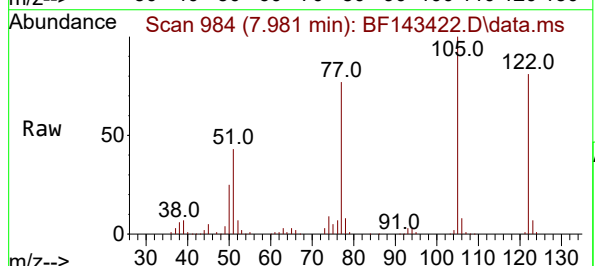
Tgt Ion:122 Resp: 185215

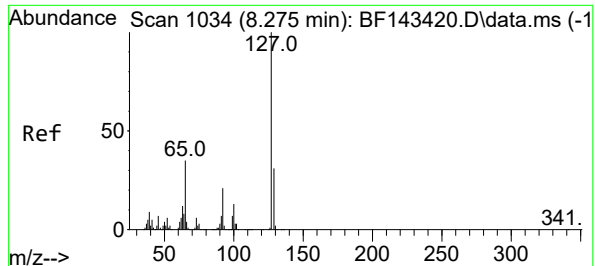
Ion Ratio Lower Upper

122 100

105 123.7 108.4 148.4

77 95.5 75.9 115.9





#33

4-Chloroaniline

Concen: 60.020 ng

RT: 8.275 min Scan# 1034

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 405337

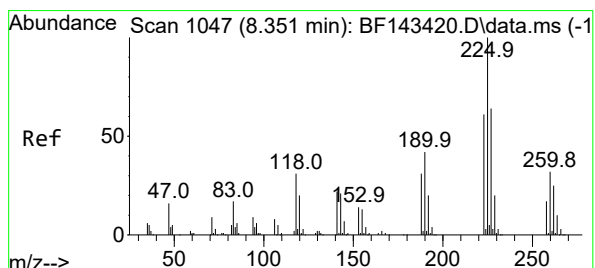
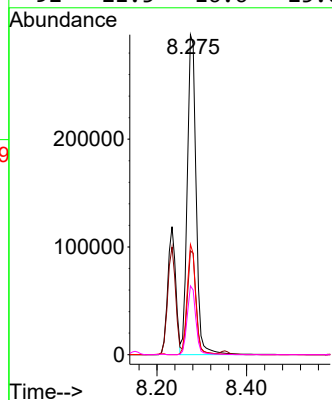
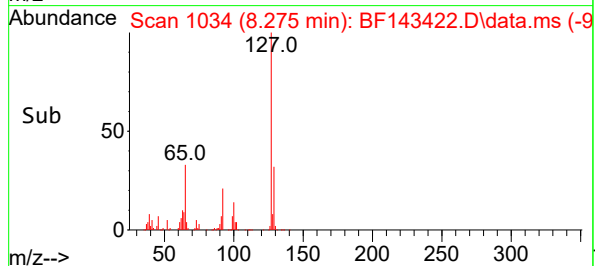
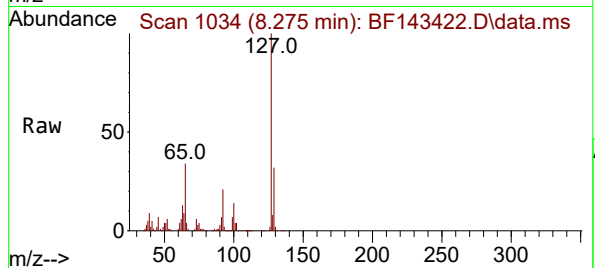
Ion Ratio Lower Upper

127 100

129 32.5 25.8 38.8

65 34.4 27.2 40.8

92 21.5 16.6 25.0



#34

Hexachlorobutadiene

Concen: 59.425 ng

RT: 8.351 min Scan# 1047

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

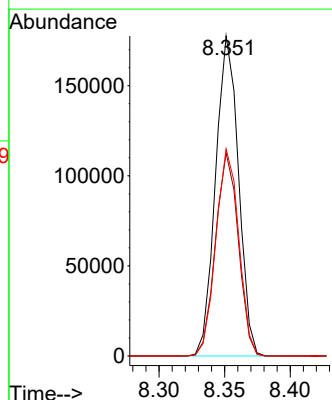
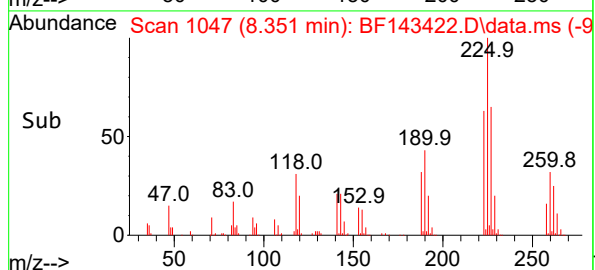
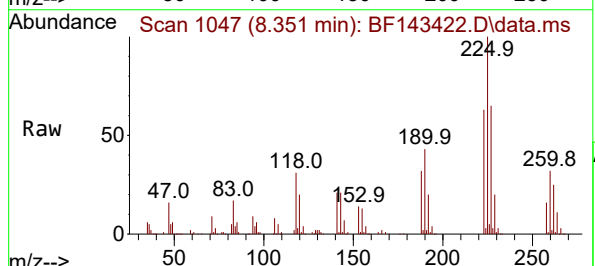
Tgt Ion:225 Resp: 215339

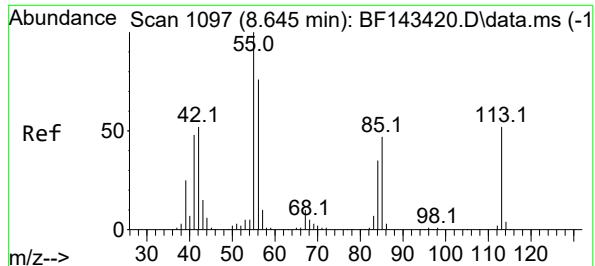
Ion Ratio Lower Upper

225 100

223 63.5 49.0 73.6

227 64.7 51.1 76.7





#35

Caprolactam

Concen: 64.503 ng

RT: 8.651 min Scan# 1098

Delta R.T. 0.006 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

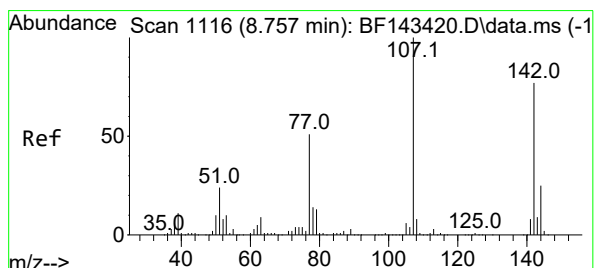
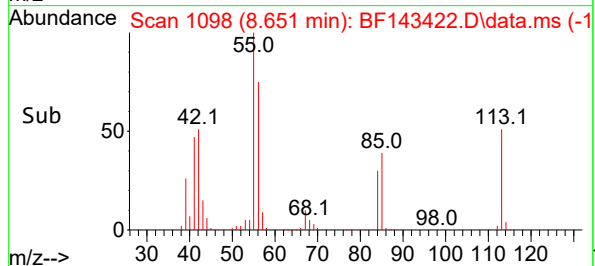
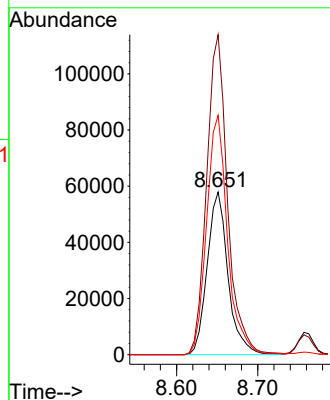
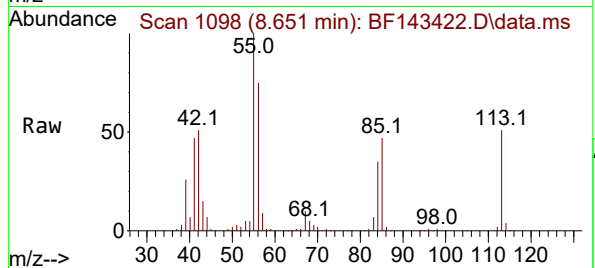
Tgt Ion:113 Resp: 102996

Ion Ratio Lower Upper

113 100

55 196.7 174.7 214.7

56 147.2 127.0 167.0



#36

4-Chloro-3-methylphenol

Concen: 60.776 ng

RT: 8.757 min Scan# 1116

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

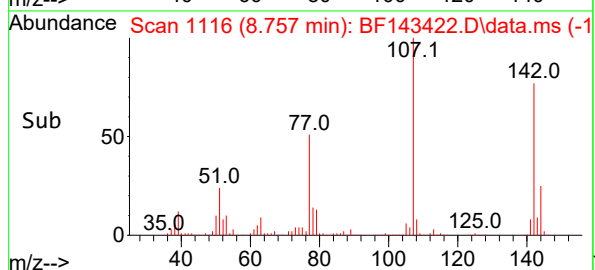
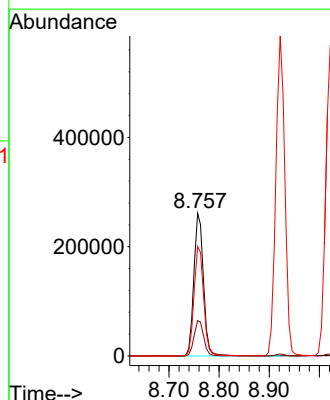
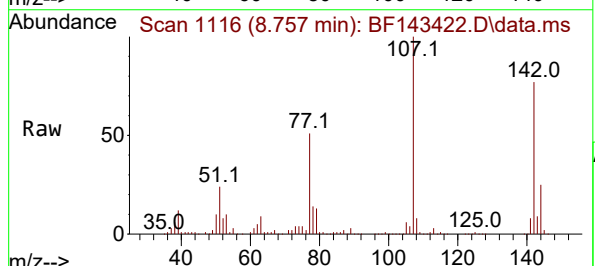
Tgt Ion:107 Resp: 347155

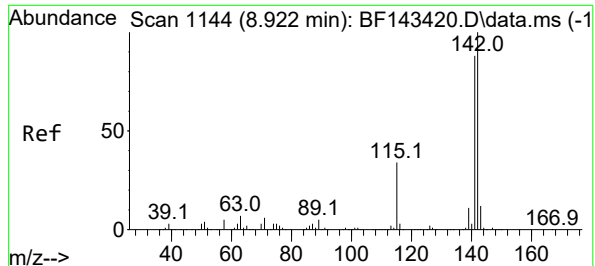
Ion Ratio Lower Upper

107 100

144 24.8 20.2 30.2

142 76.7 62.0 93.0

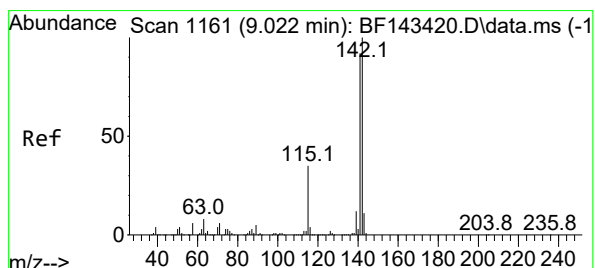
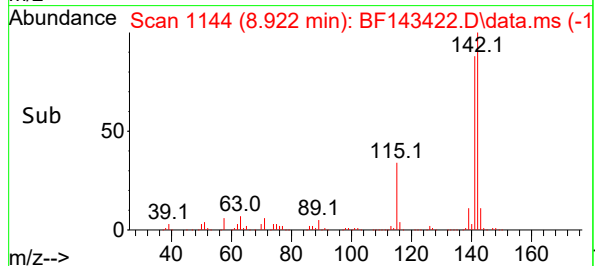
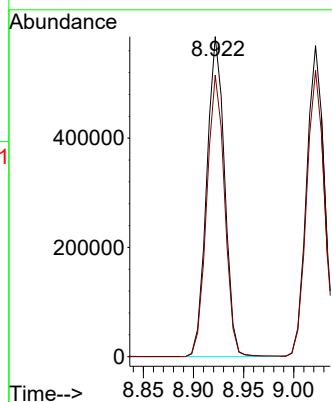
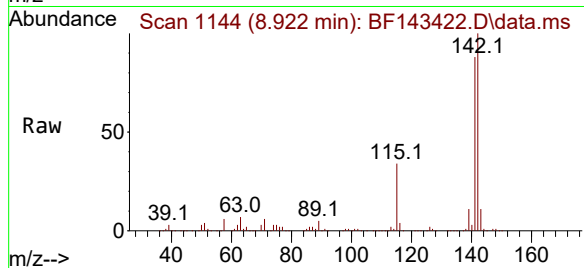




#37
2-Methylnaphthalene
Concen: 57.750 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

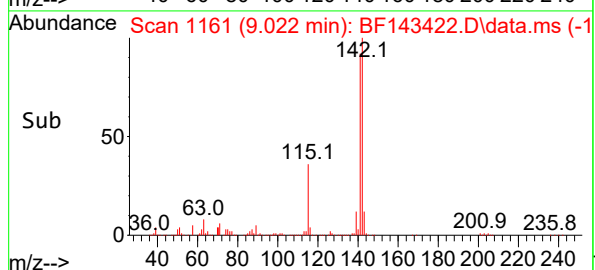
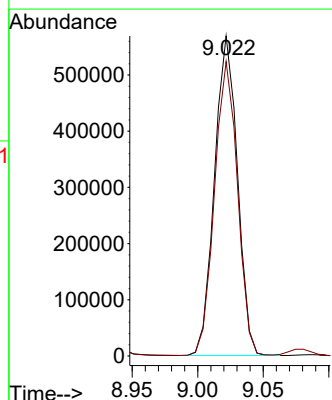
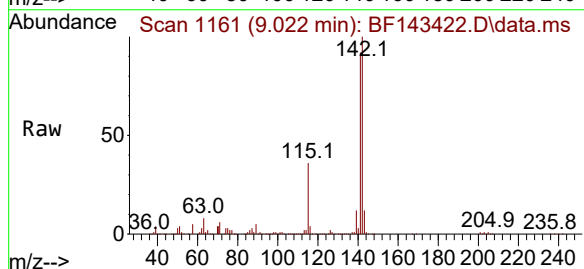
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

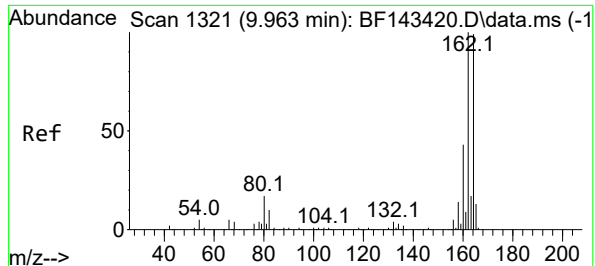
Tgt Ion:142 Resp: 728301
Ion Ratio Lower Upper
142 100
141 88.0 70.3 105.5



#38
1-Methylnaphthalene
Concen: 57.169 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

Tgt Ion:142 Resp: 690769
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

Instrument :

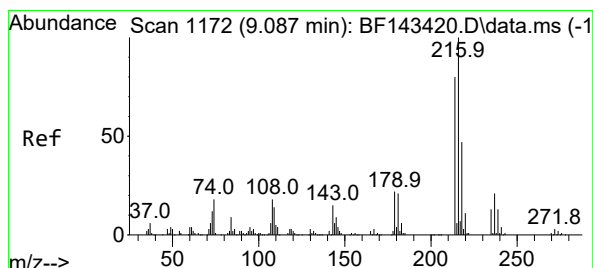
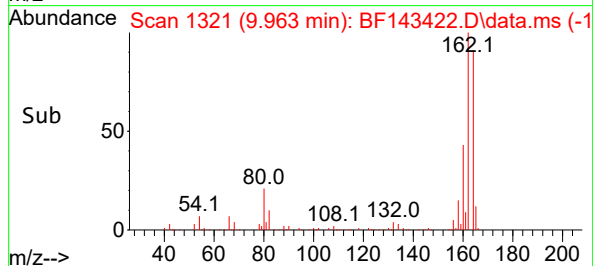
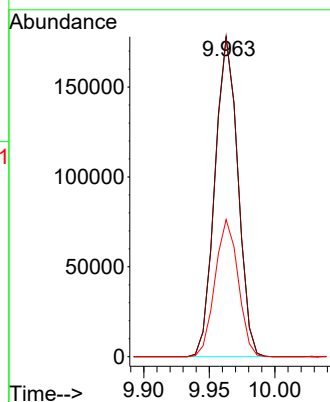
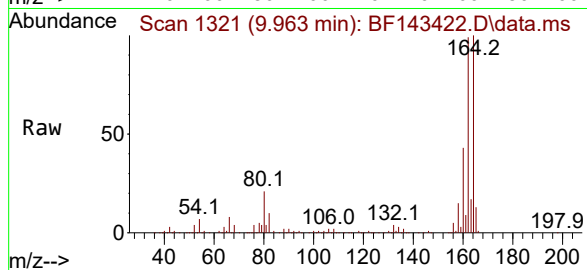
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:164 Resp: 216471

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.6	121.0
160	42.9	34.6	51.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 58.072 ng

RT: 9.092 min Scan# 1173

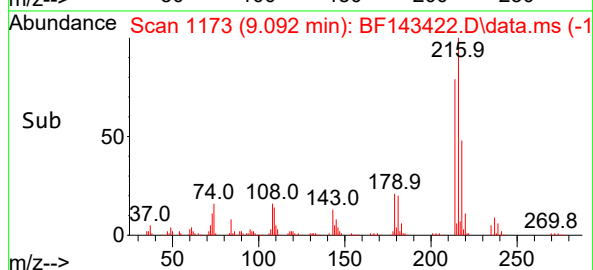
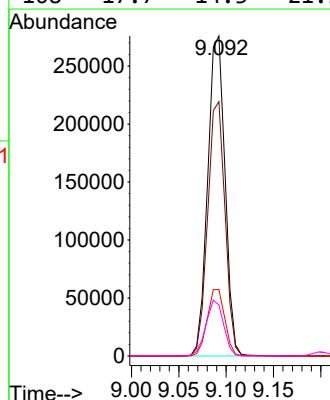
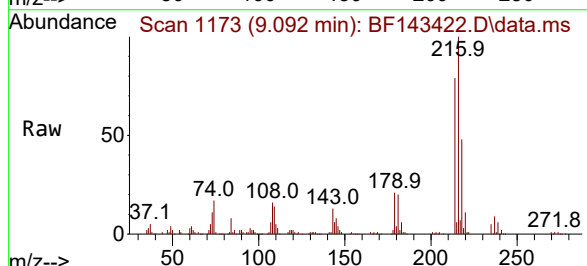
Delta R.T. 0.006 min

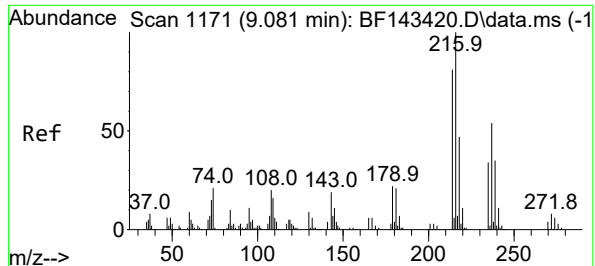
Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

Tgt Ion:216 Resp: 350585

Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.7	95.5
179	21.0	17.0	25.4
108	17.7	14.3	21.5

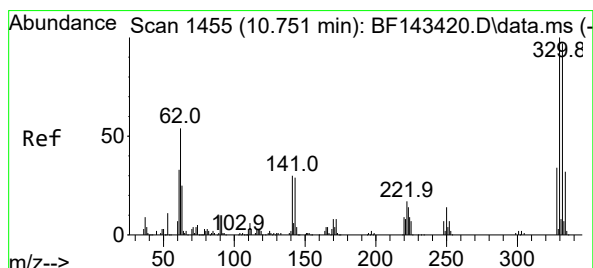
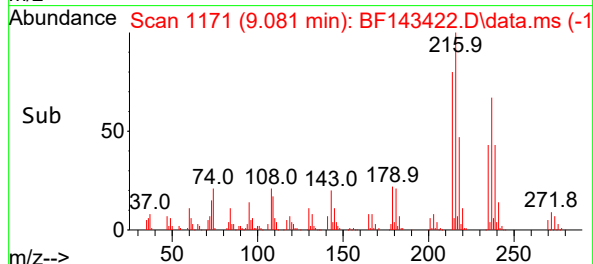
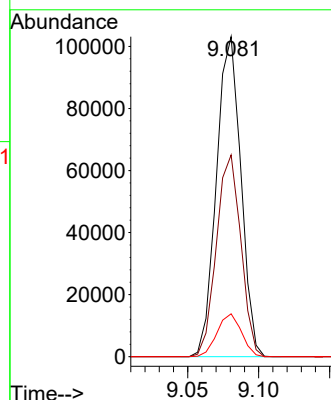
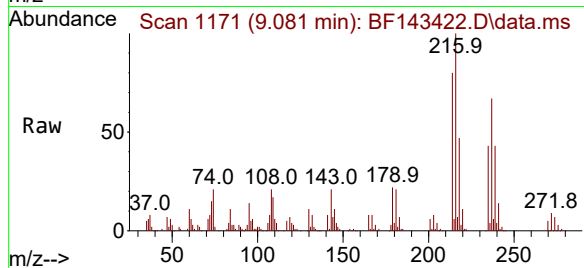




#41
Hexachlorocyclopentadiene
Concen: 58.008 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

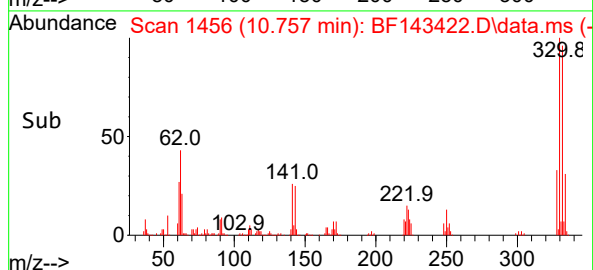
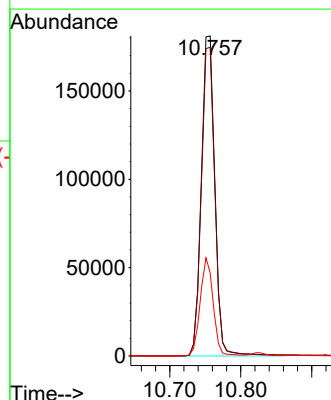
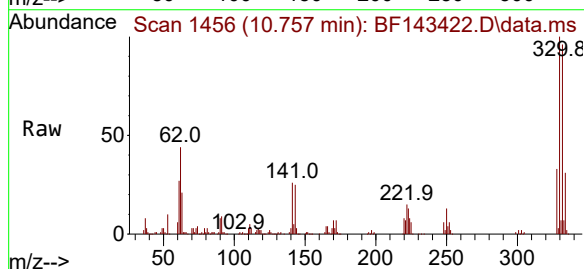
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

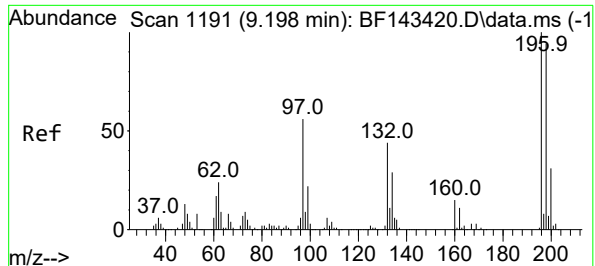
Tgt Ion:237 Resp: 123367
Ion Ratio Lower Upper
237 100
235 63.1 41.6 81.6
272 13.4 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 124.995 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

Tgt Ion:330 Resp: 240835
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 29.5 24.1 36.1





#43

2,4,6-Trichlorophenol

Concen: 61.072 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

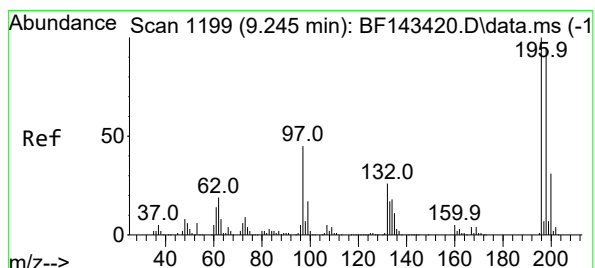
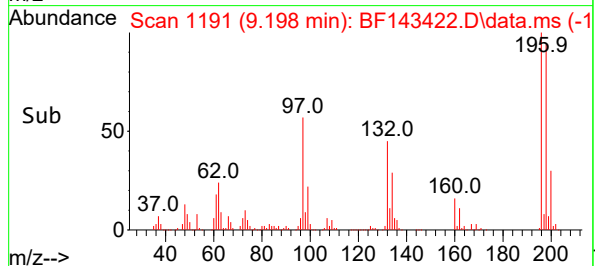
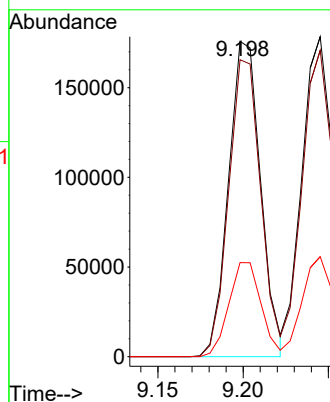
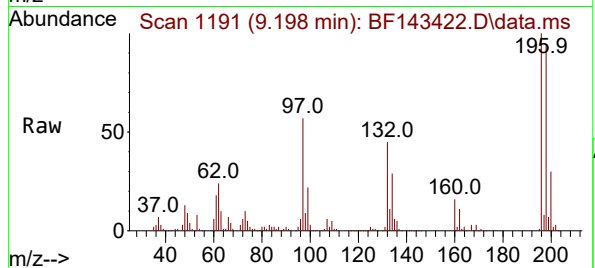
Tgt Ion:196 Resp: 229993

Ion Ratio Lower Upper

196 100

198 94.2 75.4 113.2

200 29.8 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 60.587 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

Tgt Ion:196 Resp: 244578

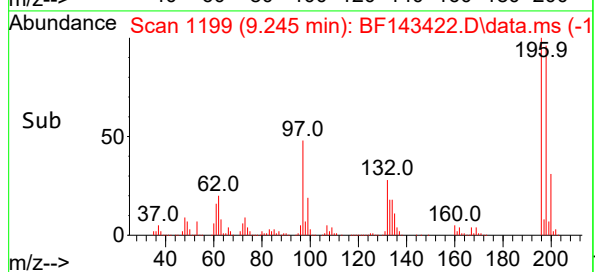
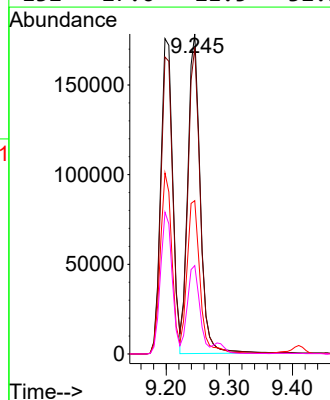
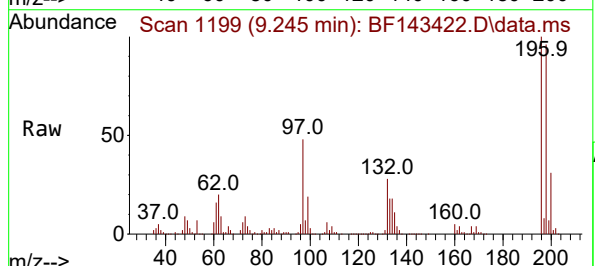
Ion Ratio Lower Upper

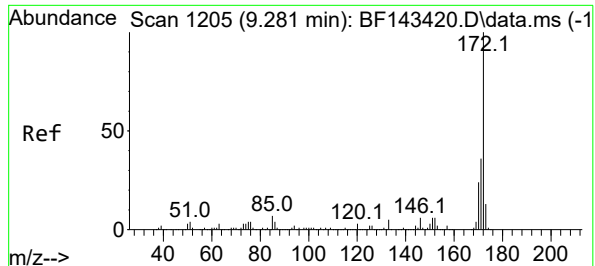
196 100

198 95.7 76.2 114.4

97 47.9 36.6 55.0

132 27.6 21.5 32.3





#45

2-Fluorobiphenyl

Concen: 109.206 ng

RT: 9.281 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

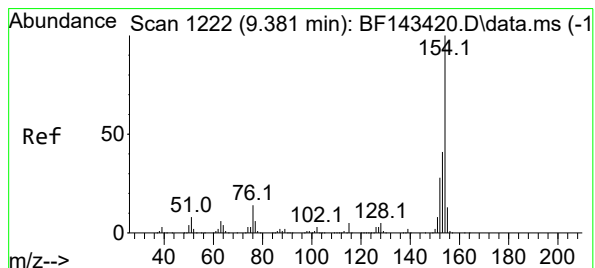
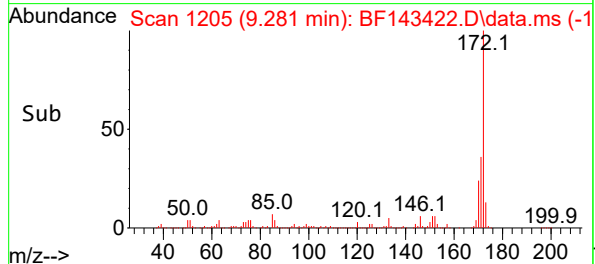
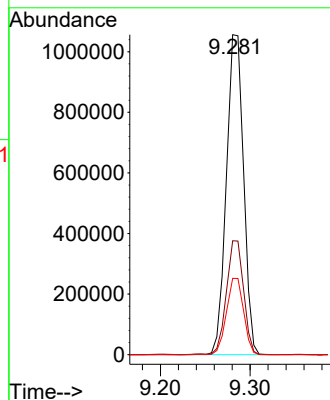
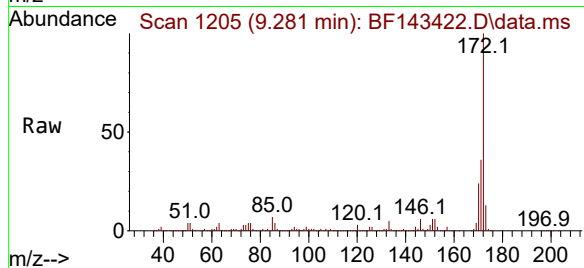
Tgt Ion:172 Resp: 1405470

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.9 19.0 28.6



#46

1,1'-Biphenyl

Concen: 56.815 ng

RT: 9.386 min Scan# 1223

Delta R.T. 0.006 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

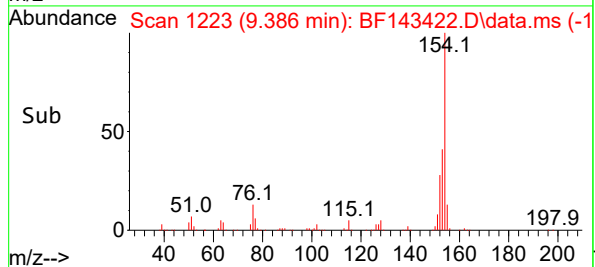
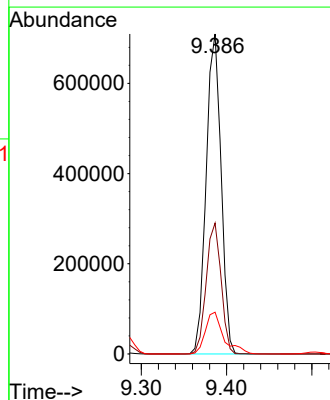
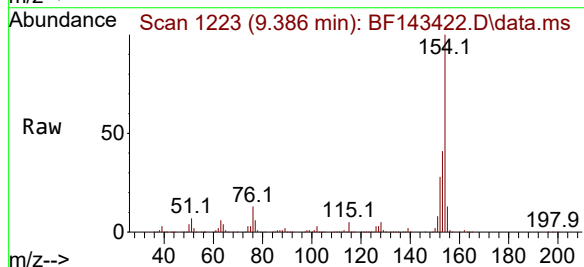
Tgt Ion:154 Resp: 864141

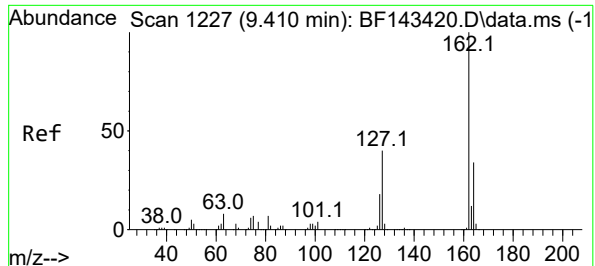
Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

76 13.1 0.0 33.8





#47

2-Chloronaphthalene

Concen: 57.777 ng

RT: 9.410 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

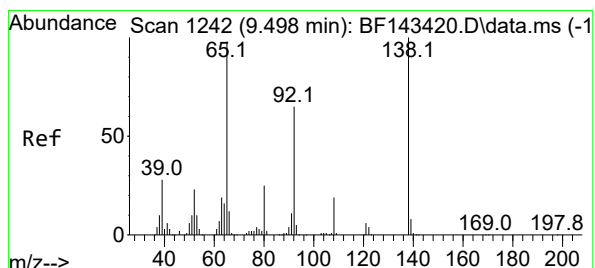
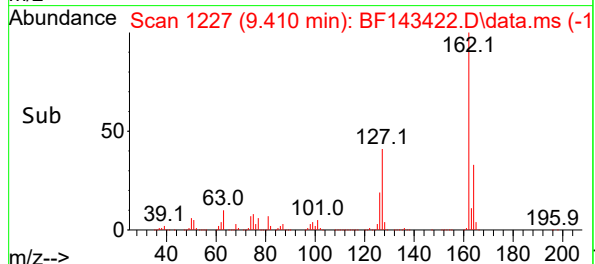
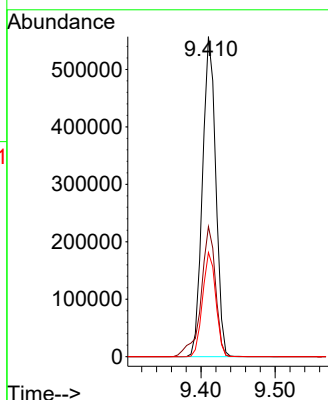
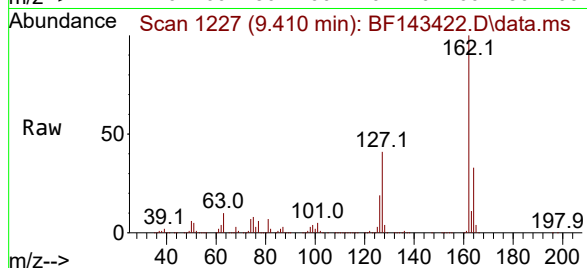
Tgt Ion:162 Resp: 693668

Ion Ratio Lower Upper

162 100

127 40.7 32.3 48.5

164 32.6 26.9 40.3



#48

2-Nitroaniline

Concen: 63.287 ng

RT: 9.504 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

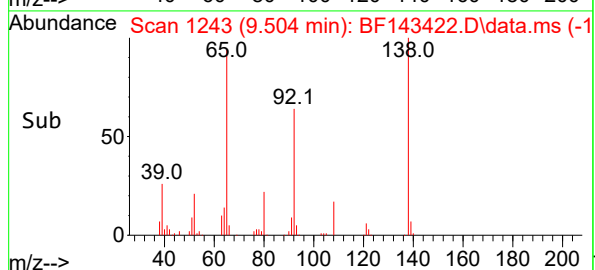
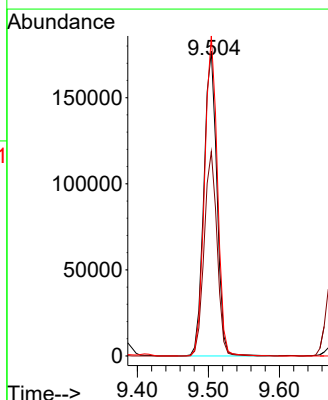
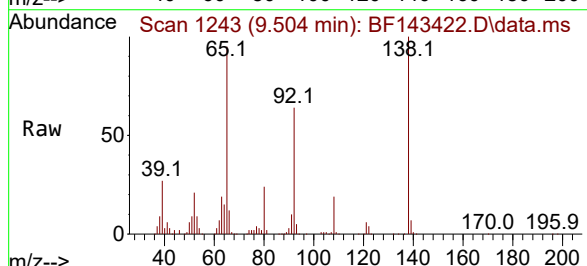
Tgt Ion: 65 Resp: 226112

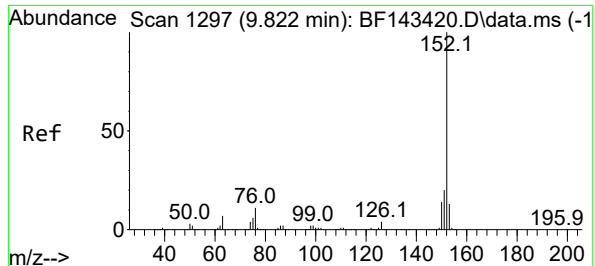
Ion Ratio Lower Upper

65 100

92 67.1 52.9 79.3

138 105.1 81.3 121.9





#49

Acenaphthylene

Concen: 58.256 ng

RT: 9.828 min Scan# 1298

Delta R.T. 0.006 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

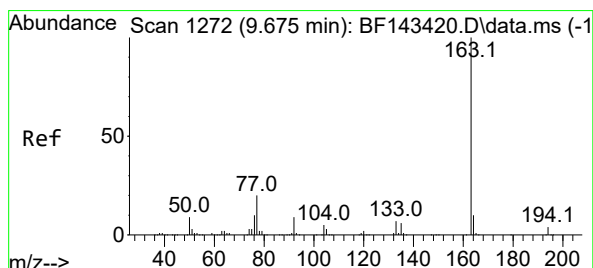
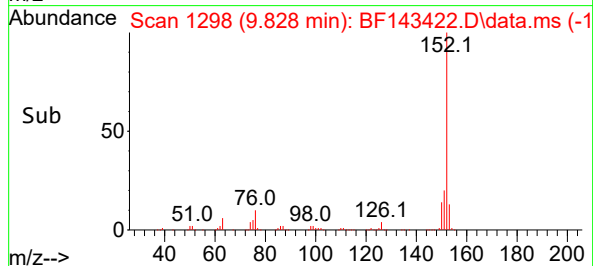
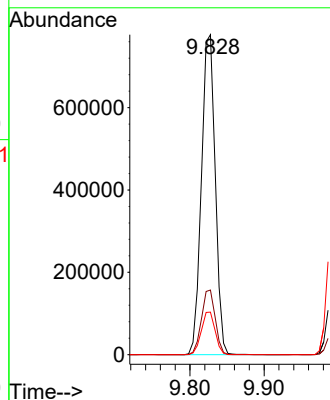
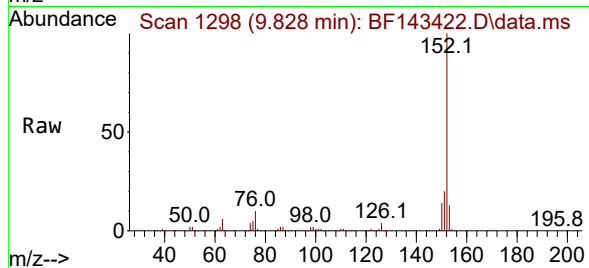
Tgt Ion:152 Resp: 1009829

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 13.3 10.8 16.2



#50

Dimethylphthalate

Concen: 59.596 ng

RT: 9.675 min Scan# 1272

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

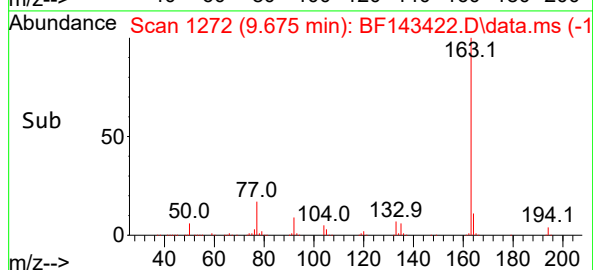
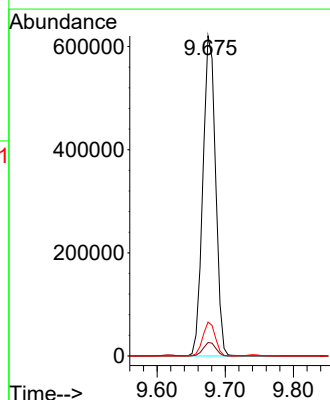
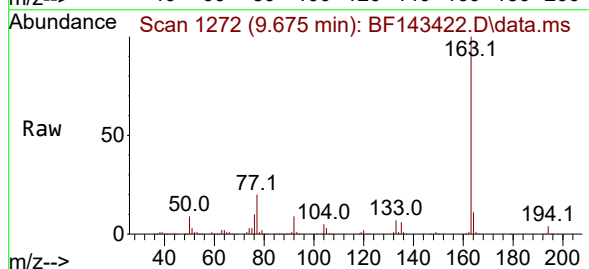
Tgt Ion:163 Resp: 804304

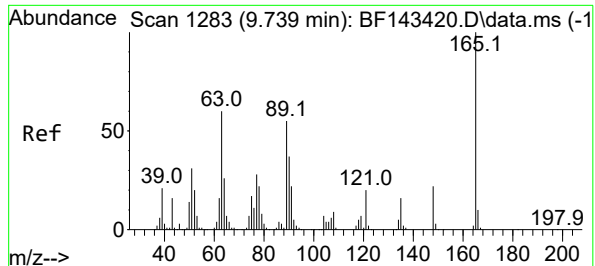
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.6 8.2 12.4

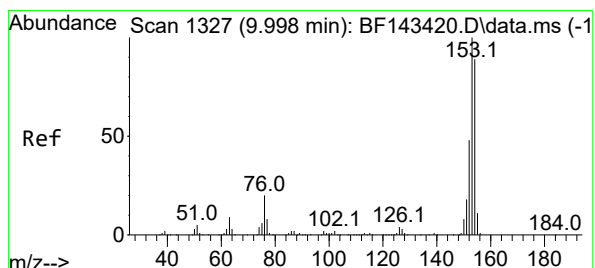
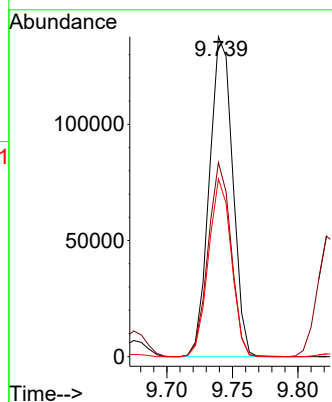
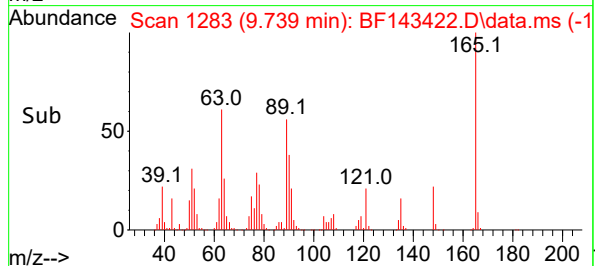
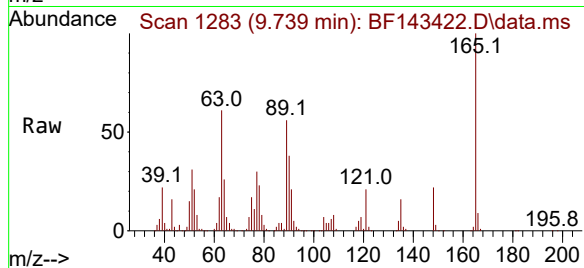




#51
2,6-Dinitrotoluene
Concen: 64.151 ng
RT: 9.739 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

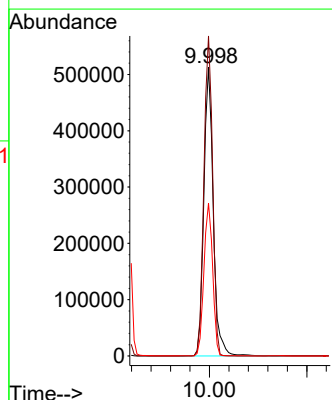
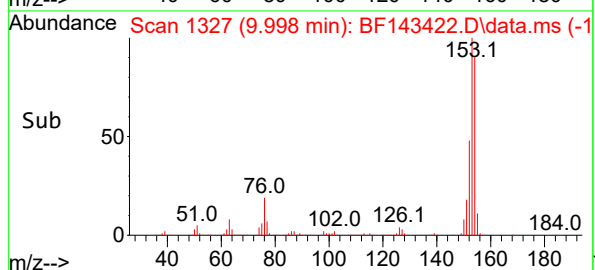
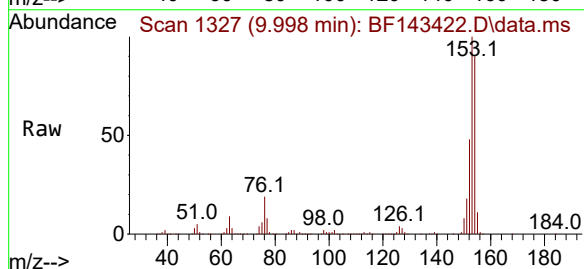
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

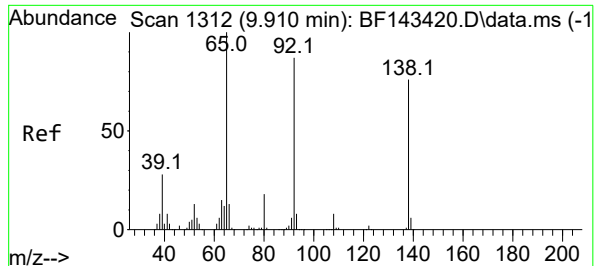
Tgt Ion:165 Resp: 170673
Ion Ratio Lower Upper
165 100
63 60.7 48.2 72.2
89 55.5 44.2 66.2



#52
Acenaphthene
Concen: 58.887 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

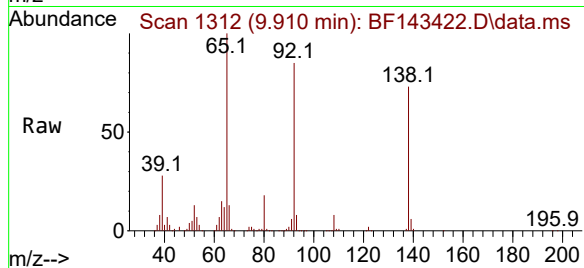
Tgt Ion:154 Resp: 686545
Ion Ratio Lower Upper
154 100
153 110.9 89.5 134.3
152 53.0 42.6 64.0



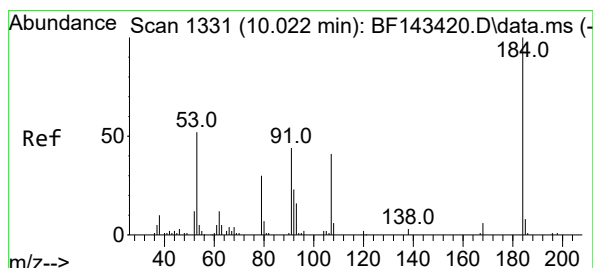
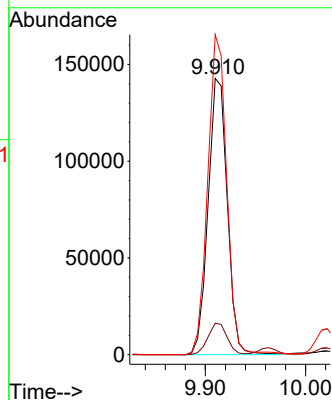
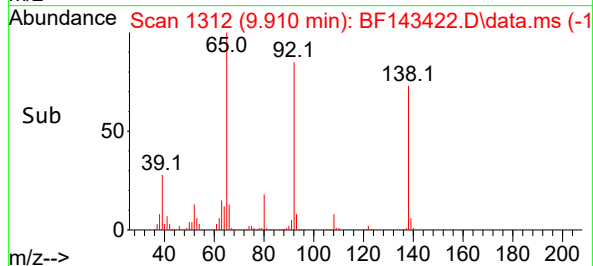


#53
3-Nitroaniline
Concen: 64.218 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

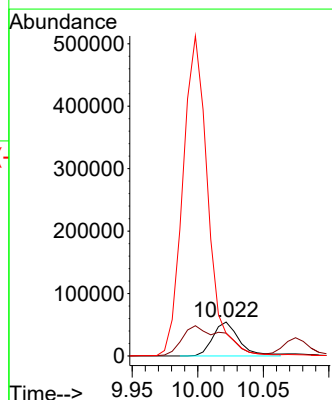
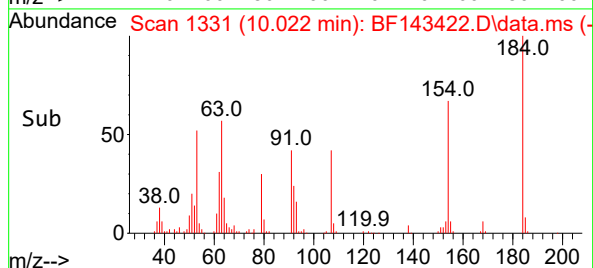
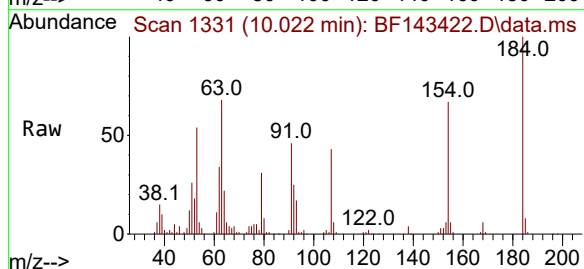


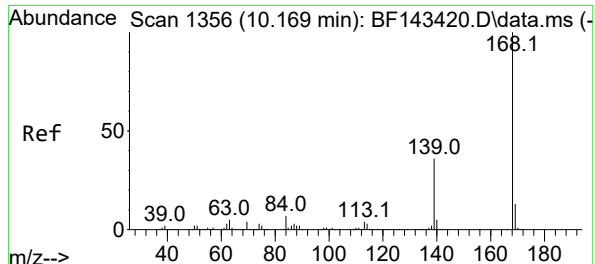
Tgt Ion:138 Resp: 190315
Ion Ratio Lower Upper
138 100
108 11.4 8.7 13.1
92 115.8 91.4 137.2



#54
2,4-Dinitrophenol
Concen: 62.767 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

Tgt Ion:184 Resp: 75977
Ion Ratio Lower Upper
184 100
63 67.5 53.2 79.8
154 66.5 51.3 76.9





#55

Dibenzenofuran

Concen: 57.822 ng

RT: 10.169 min Scan# 1356

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

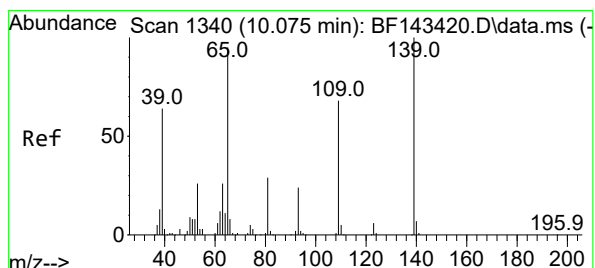
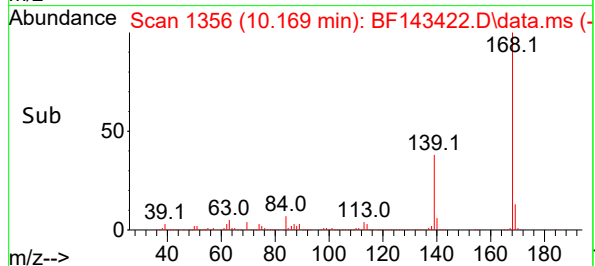
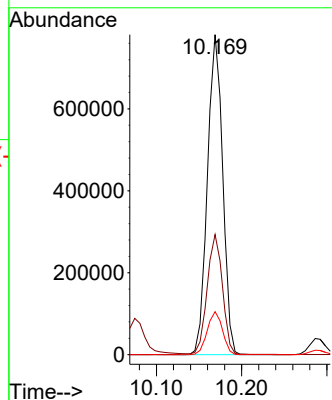
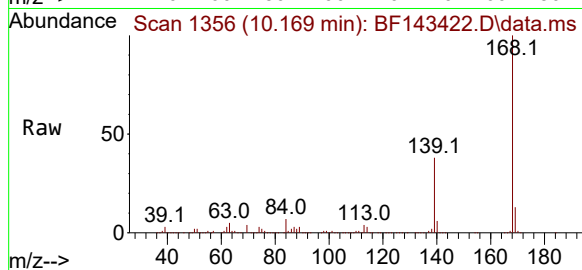
Tgt Ion:168 Resp: 972484

Ion Ratio Lower Upper

168 100

139 37.6 29.3 43.9

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 68.171 ng

RT: 10.075 min Scan# 1340

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

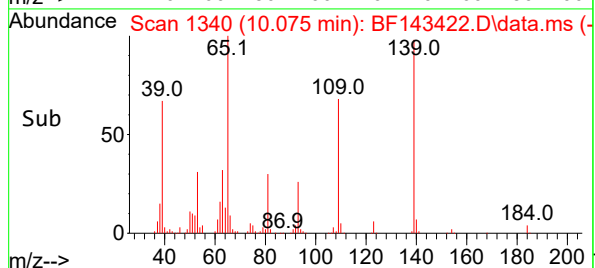
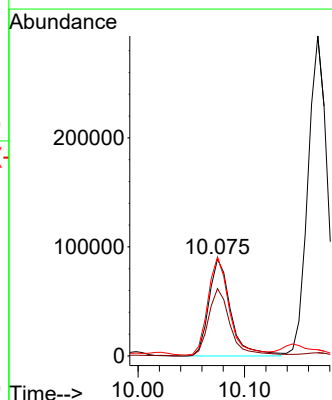
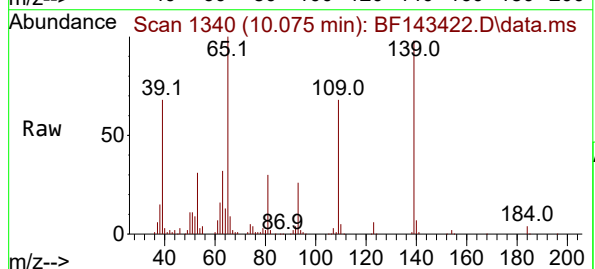
Tgt Ion:139 Resp: 127015

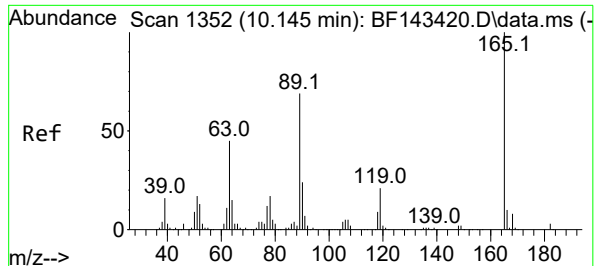
Ion Ratio Lower Upper

139 100

109 69.6 47.7 87.7

65 102.3 76.4 116.4

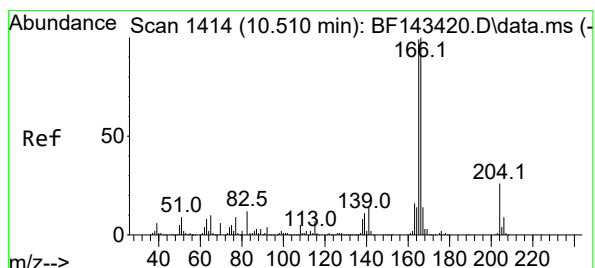
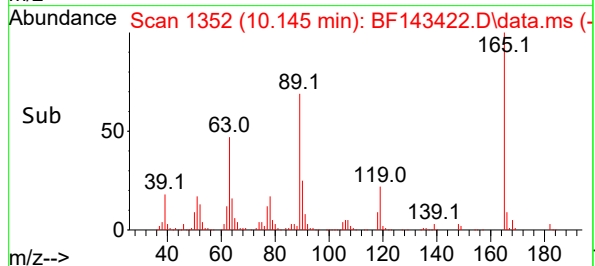
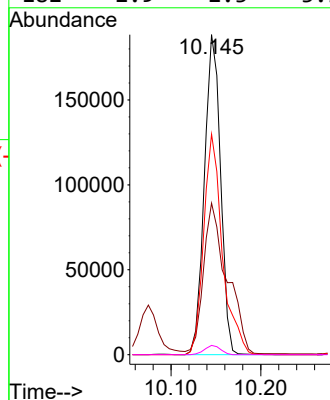
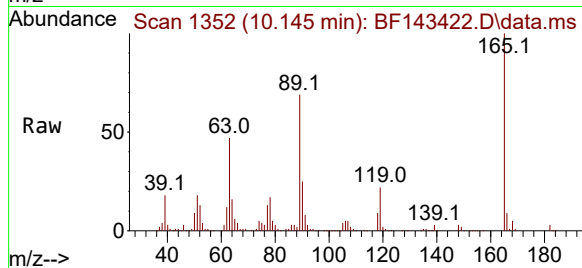




#57
2,4-Dinitrotoluene
Concen: 66.446 ng
RT: 10.145 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

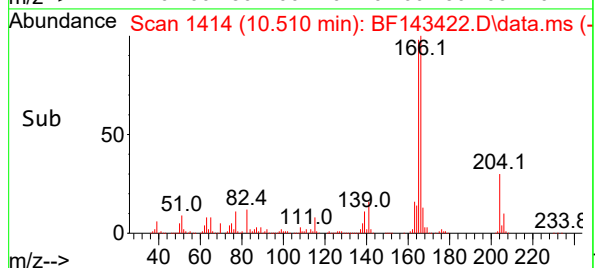
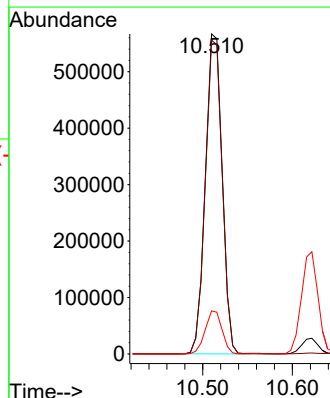
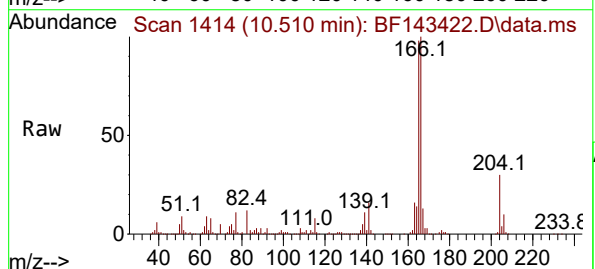
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

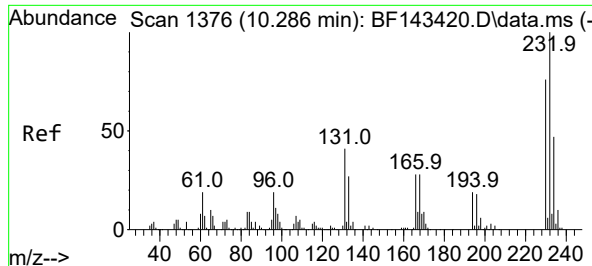
Tgt Ion:165 Resp: 235687
Ion Ratio Lower Upper
165 100
63 47.3 37.0 55.6
89 68.9 55.4 83.0
182 2.9 2.3 3.5



#58
Fluorene
Concen: 57.102 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

Tgt Ion:166 Resp: 737784
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.6
167 13.5 10.9 16.3

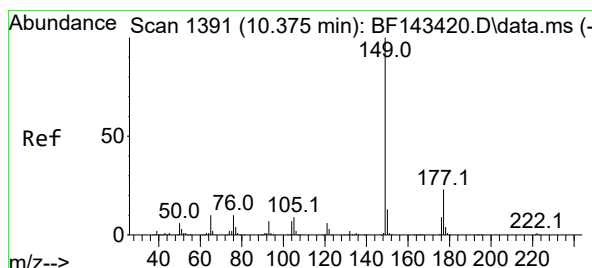
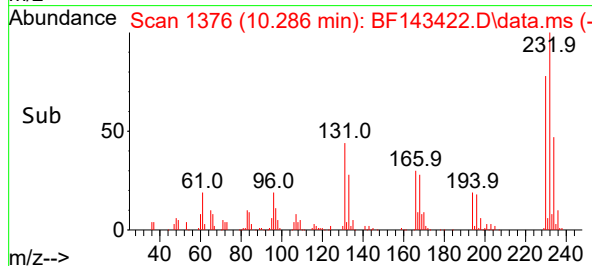
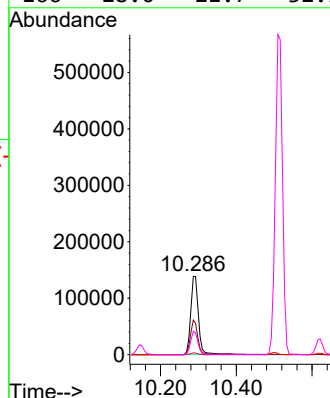
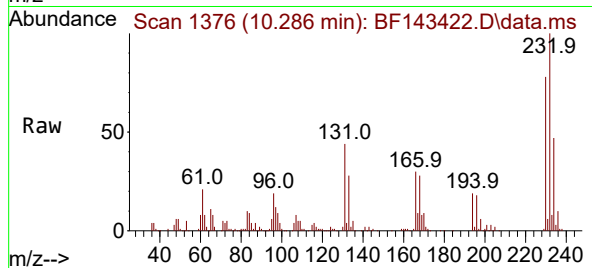




#59
2,3,4,6-Tetrachlorophenol
Concen: 65.147 ng
RT: 10.286 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

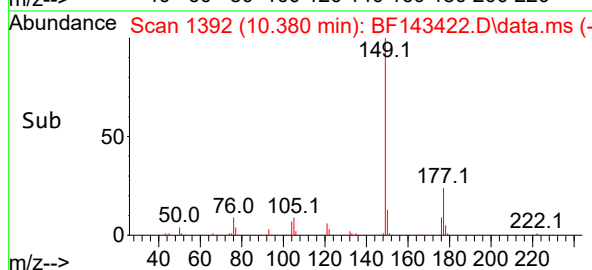
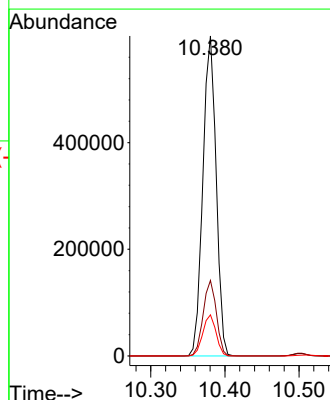
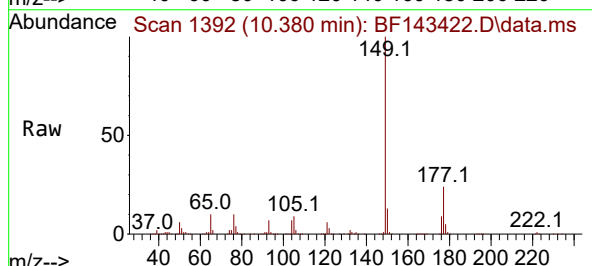
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

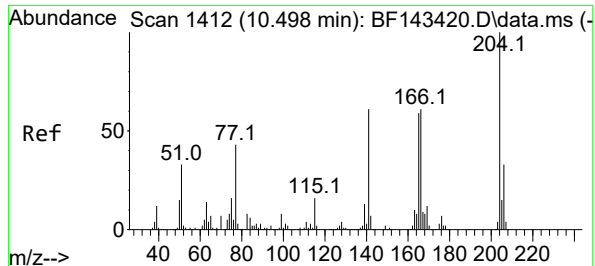
Tgt Ion:232 Resp: 199075
Ion Ratio Lower Upper
232 100
131 41.0 32.0 48.0
130 2.0 1.7 2.5
166 28.0 21.7 32.5



#60
Diethylphthalate
Concen: 59.893 ng
RT: 10.380 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

Tgt Ion:149 Resp: 746953
Ion Ratio Lower Upper
149 100
177 23.6 18.2 27.4
150 12.8 10.1 15.1

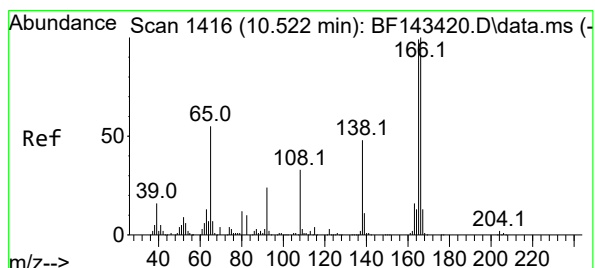
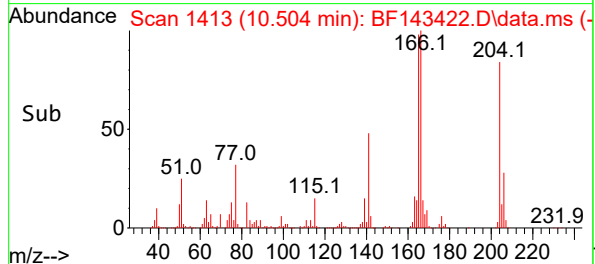
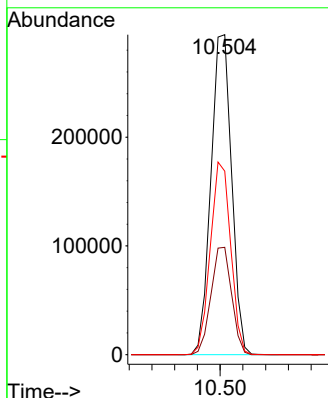
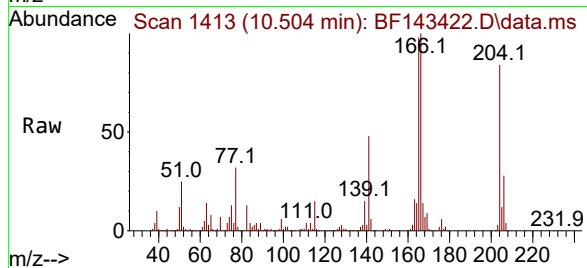




#61
4-Chlorophenyl-phenylether
Concen: 58.290 ng
RT: 10.504 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

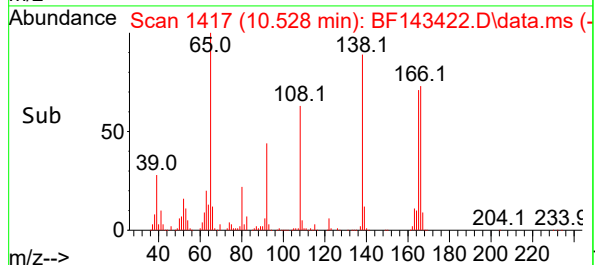
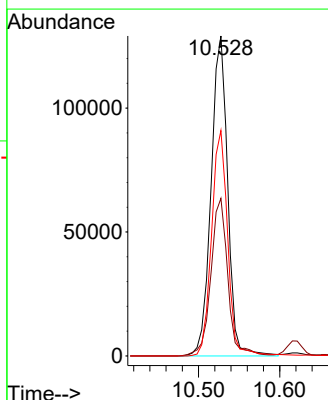
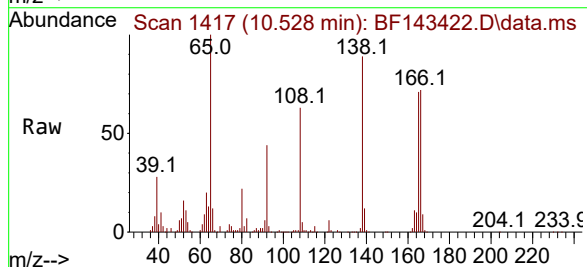
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

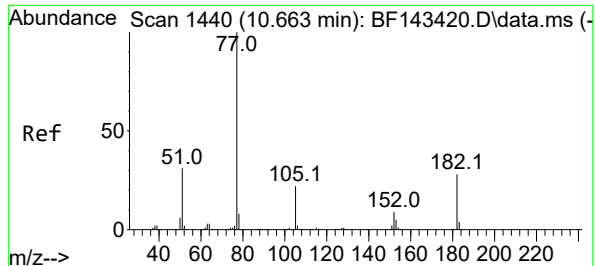
Tgt Ion:204 Resp: 372354
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 57.4 49.0 73.4



#62
4-Nitroaniline
Concen: 66.220 ng
RT: 10.528 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

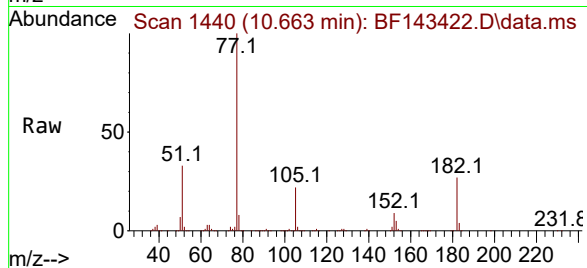
Tgt Ion:138 Resp: 183532
Ion Ratio Lower Upper
138 100
92 49.3 29.4 69.4
108 70.5 48.6 88.6





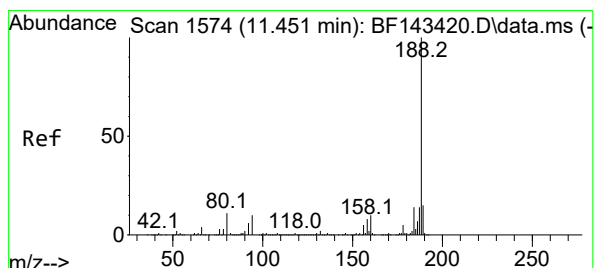
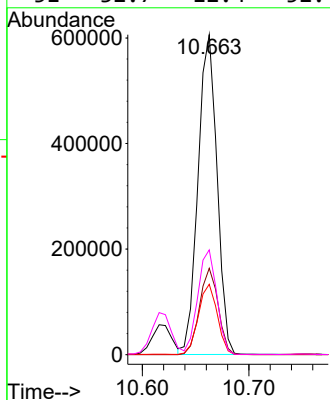
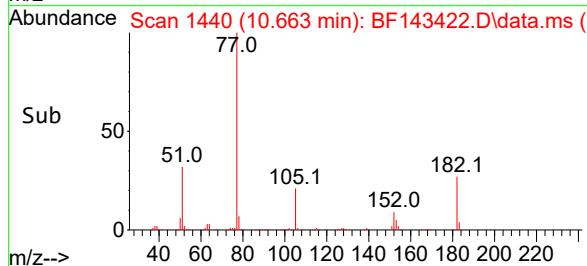
#63
Azobenzene
Concen: 59.640 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

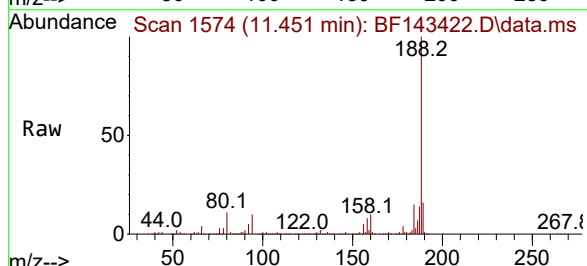


Tgt Ion: 77 Resp: 751747

Ion	Ratio	Lower	Upper
77	100		
182	27.0	7.4	47.4
105	22.0	1.7	41.7
51	32.7	12.4	52.4

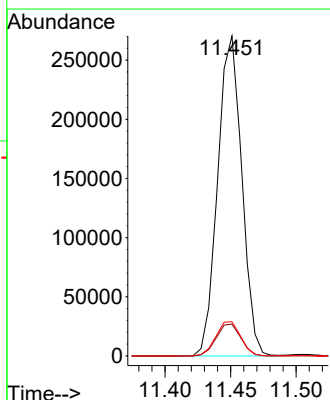
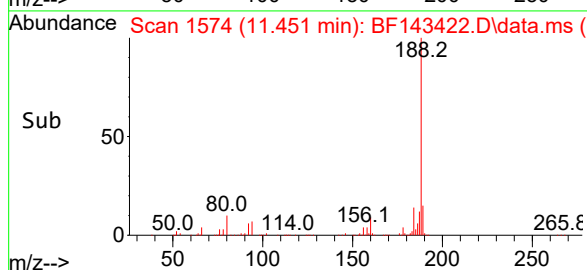


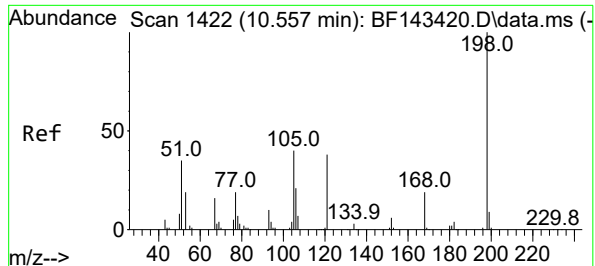
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27



Tgt Ion: 188 Resp: 345949

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.0	12.0
80	10.7	8.6	12.8

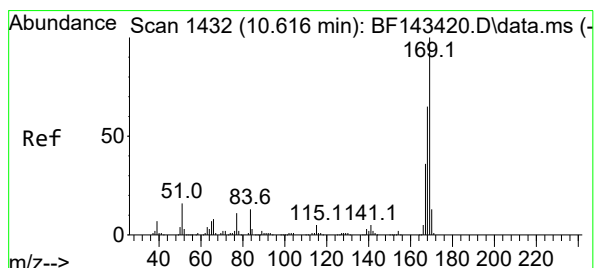
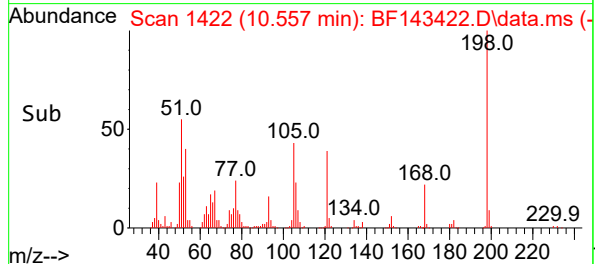
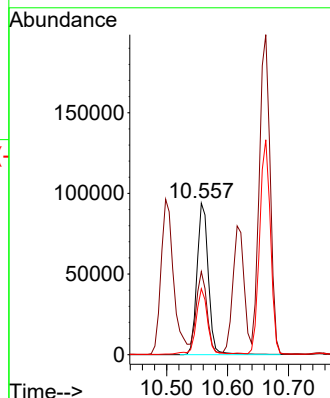
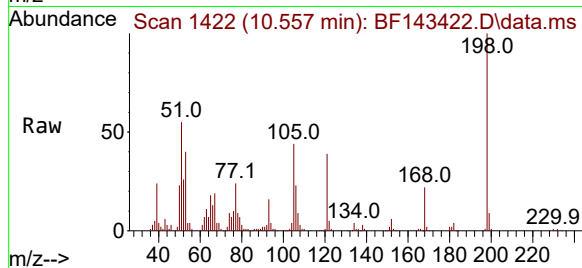




#65
4,6-Dinitro-2-methylphenol
Concen: 68.289 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

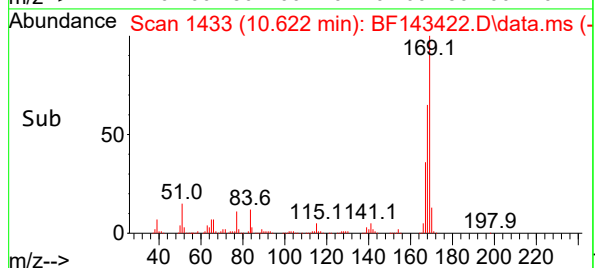
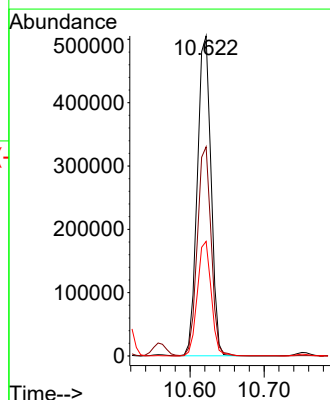
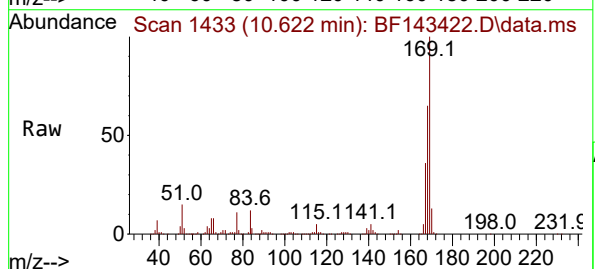
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

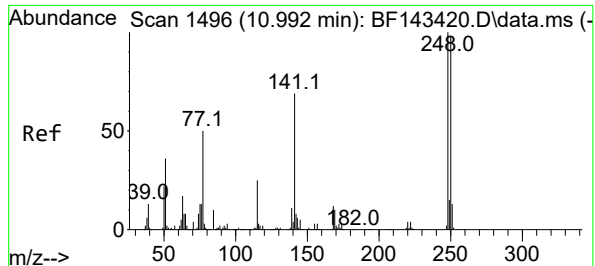
Tgt Ion:198 Resp: 121894
Ion Ratio Lower Upper
198 100
51 54.9 31.2 71.2
105 43.5 21.7 61.7



#66
n-Nitrosodiphenylamine
Concen: 57.518 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

Tgt Ion:169 Resp: 646995
Ion Ratio Lower Upper
169 100
168 65.4 52.5 78.7
167 35.8 28.6 42.8





#67

4-Bromophenyl-phenylether

Concen: 58.650 ng

RT: 10.992 min Scan# 1496

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

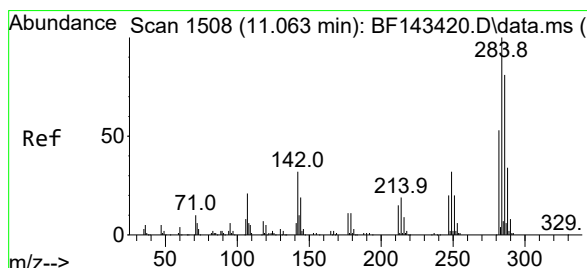
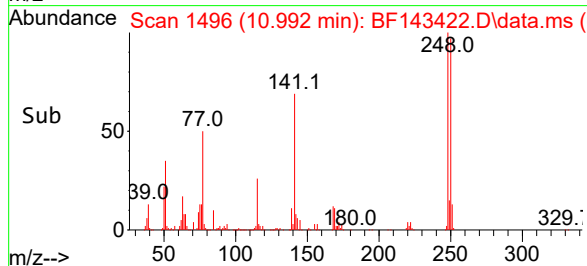
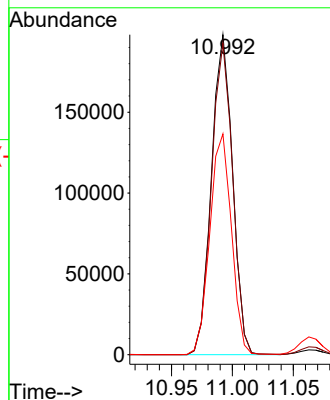
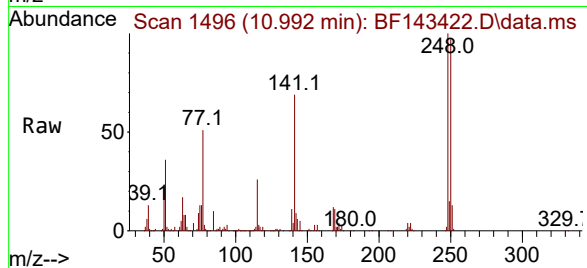
Tgt Ion:248 Resp: 239597

Ion Ratio Lower Upper

248 100

250 97.3 78.6 118.0

141 69.0 54.9 82.3



#68

Hexachlorobenzene

Concen: 58.367 ng

RT: 11.063 min Scan# 1508

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

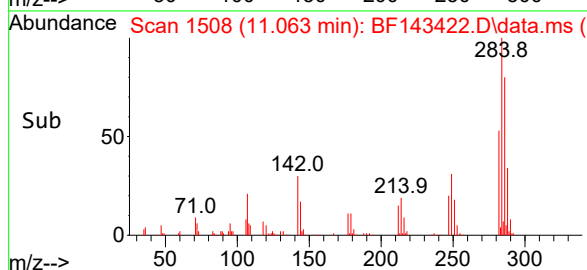
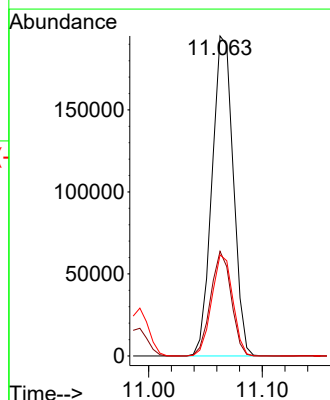
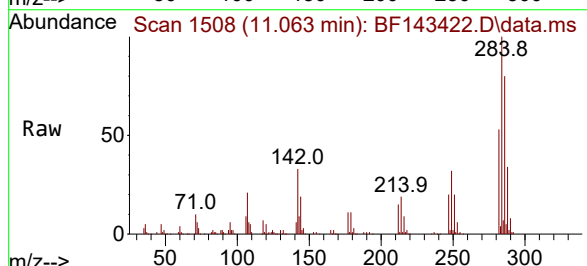
Tgt Ion:284 Resp: 253488

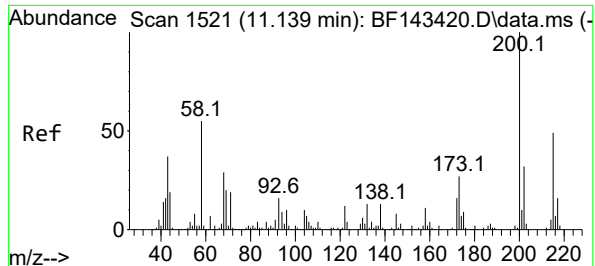
Ion Ratio Lower Upper

284 100

142 32.7 25.4 38.2

249 31.6 25.4 38.0





#69

Atrazine

Concen: 63.468 ng

RT: 11.145 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

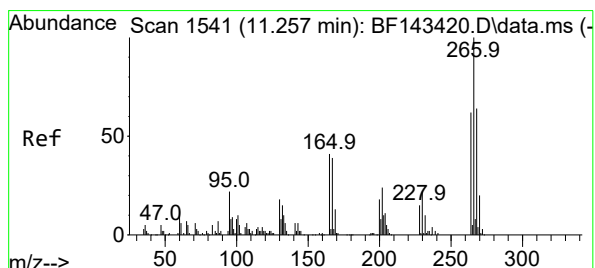
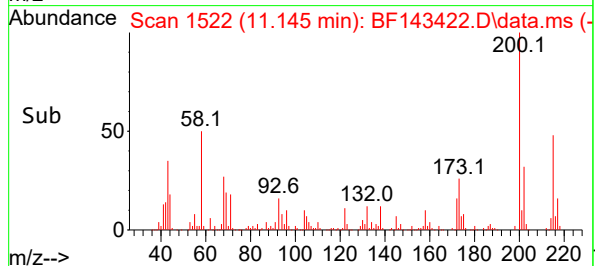
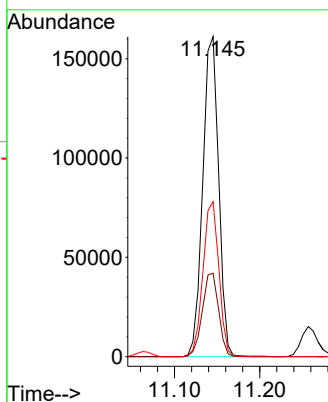
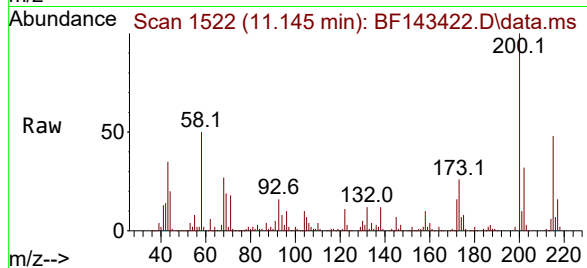
Tgt Ion:200 Resp: 208818

Ion Ratio Lower Upper

200 100

173 26.1 6.6 46.6

215 48.5 29.5 69.5



#70

Pentachlorophenol

Concen: 66.328 ng

RT: 11.257 min Scan# 1541

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

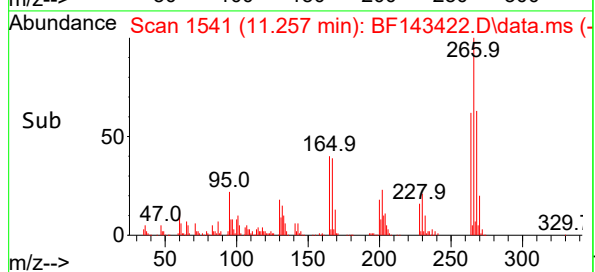
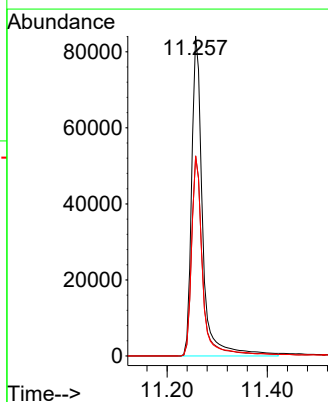
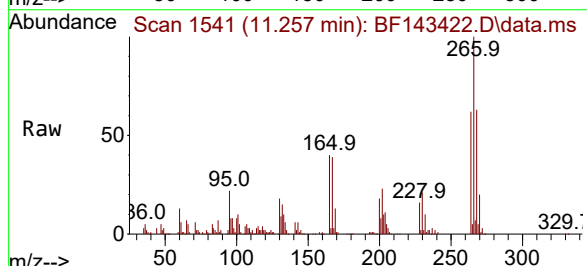
Tgt Ion:266 Resp: 127891

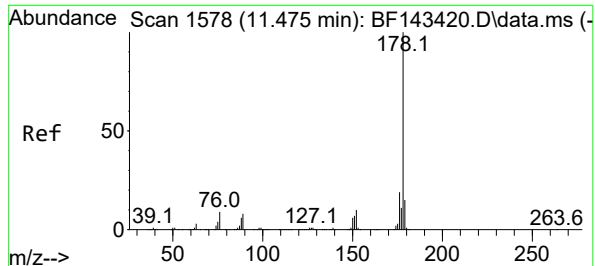
Ion Ratio Lower Upper

266 100

268 62.6 51.0 76.6

264 62.4 49.3 73.9

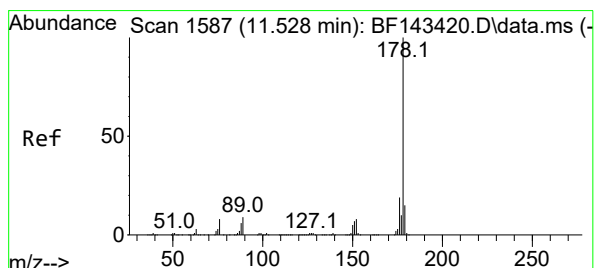
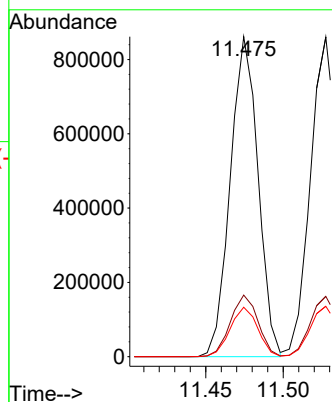
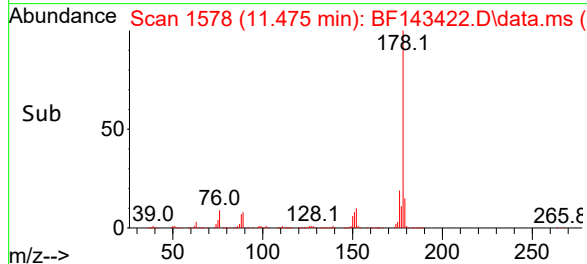
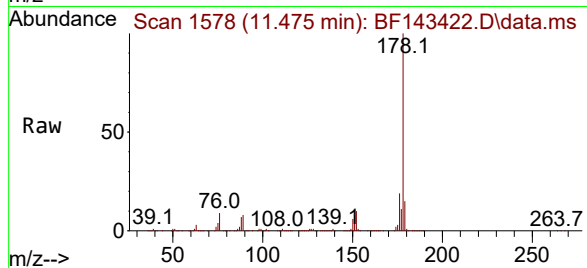




#71
Phenanthrene
Concen: 57.303 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

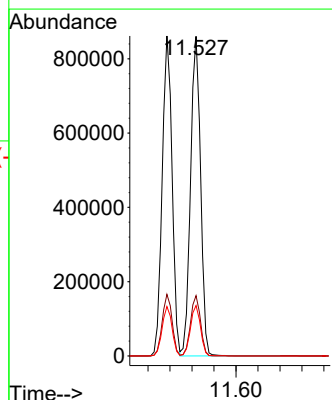
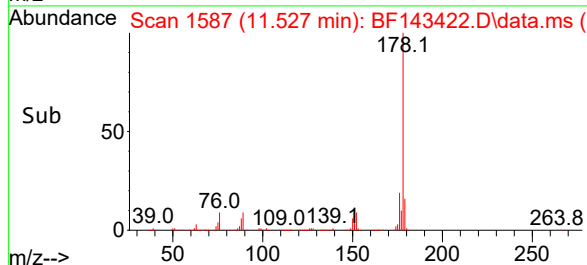
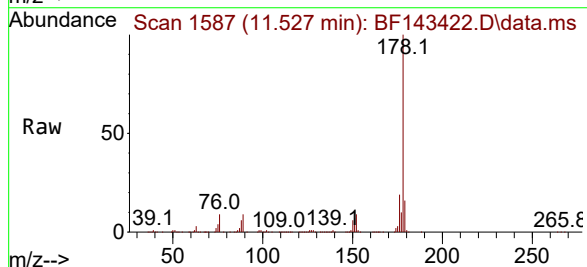
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

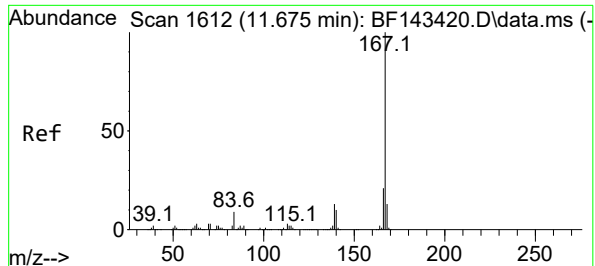
Tgt Ion:178 Resp: 1073495
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.5 12.3 18.5



#72
Anthracene
Concen: 57.323 ng
RT: 11.527 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

Tgt Ion:178 Resp: 1084628
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.8 12.2 18.4

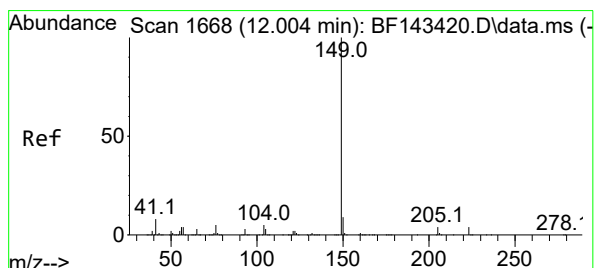
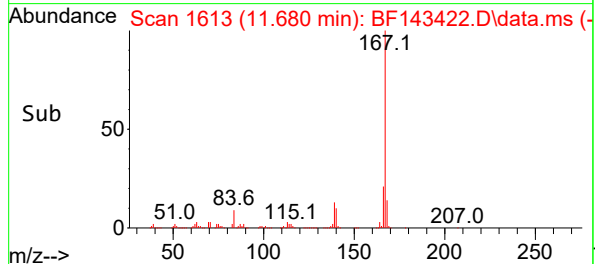
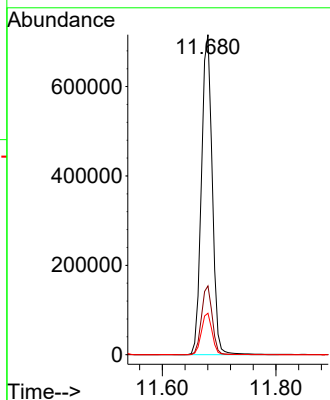
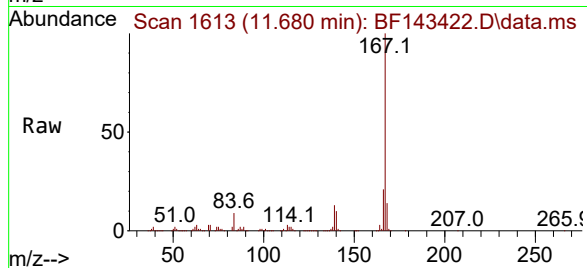




#73
Carbazole
Concen: 59.003 ng
RT: 11.680 min Scan# 1612
Delta R.T. 0.006 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

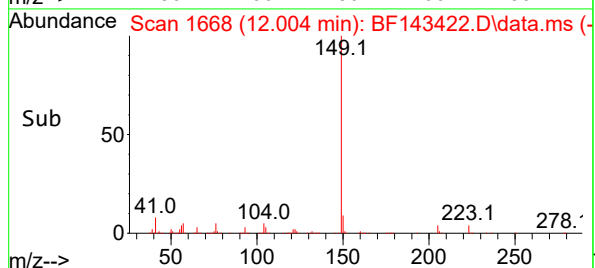
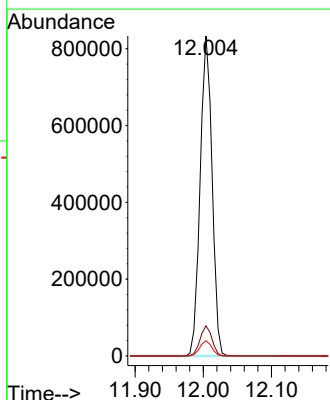
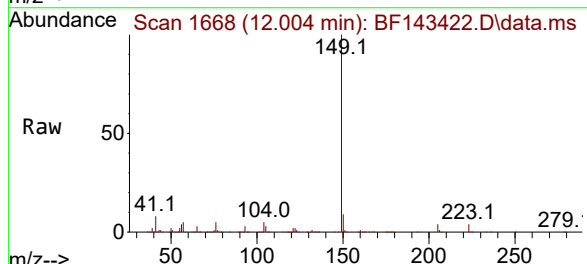
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

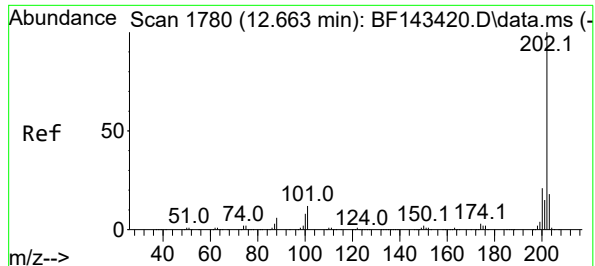
Tgt Ion:167 Resp: 944227
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 13.0 10.1 15.1



#74
Di-n-butylphthalate
Concen: 63.470 ng
RT: 12.004 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

Tgt Ion:149 Resp: 1011466
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 4.8 3.8 5.6

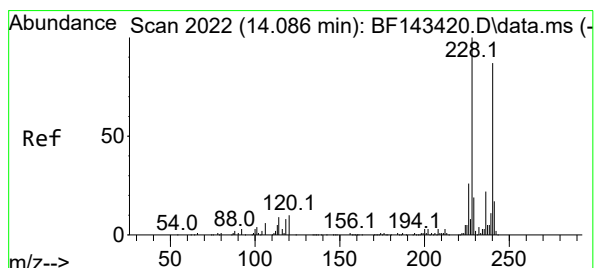
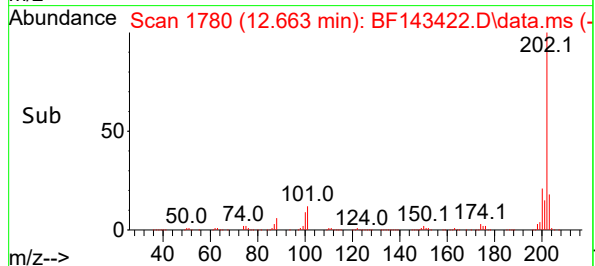
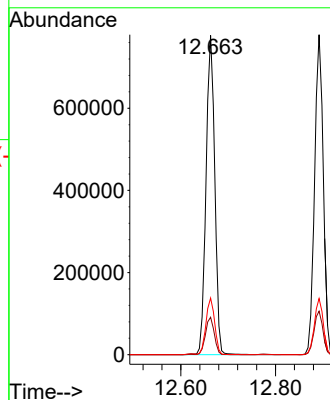
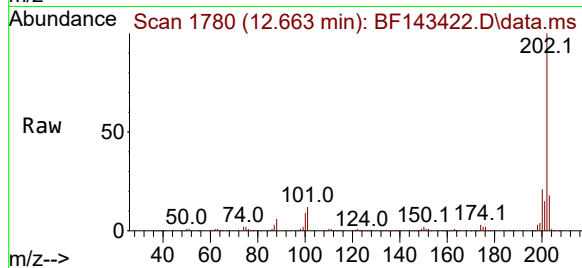




#75
Fluoranthene
Concen: 59.543 ng
RT: 12.663 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

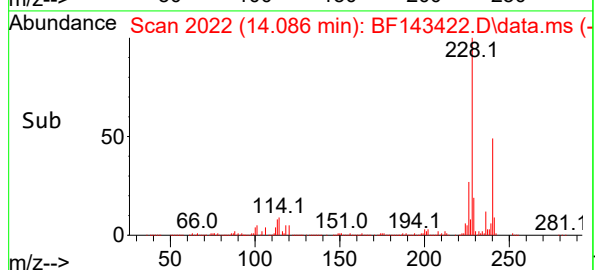
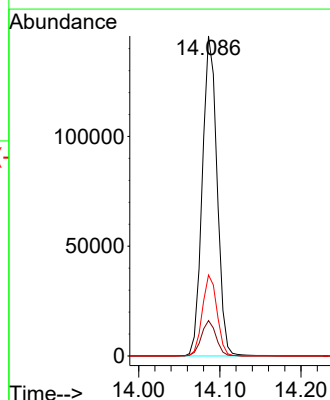
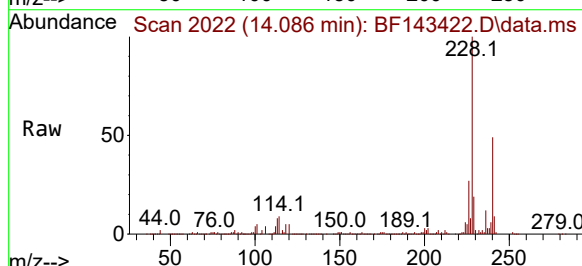
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

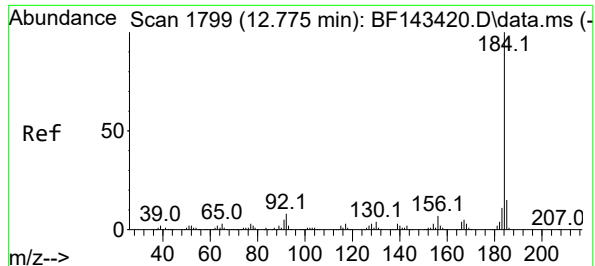
Tgt Ion:202 Resp: 991147
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.5
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

Tgt Ion:240 Resp: 183739
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.4
236 25.3 20.2 30.2





#77

Benzidine

Concen: 57.369 ng

RT: 12.774 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

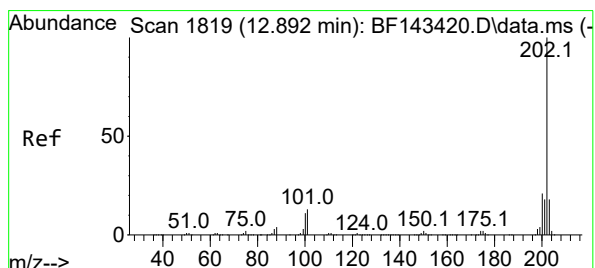
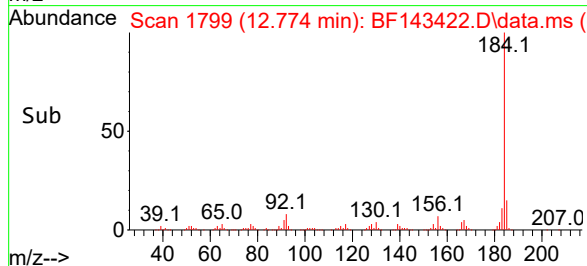
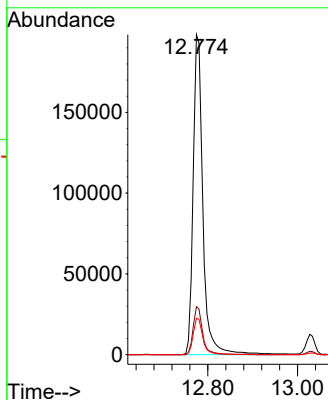
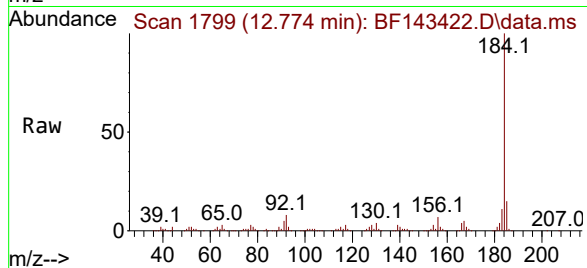
Tgt Ion:184 Resp: 298398

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

183 11.4 9.2 13.8



#78

Pyrene

Concen: 62.306 ng

RT: 12.892 min Scan# 1819

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

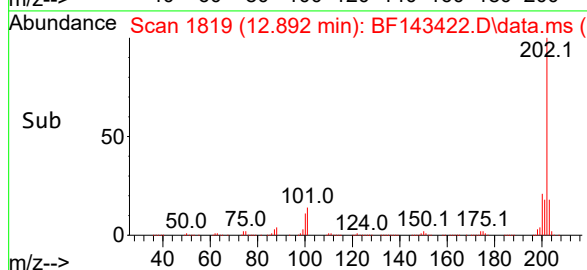
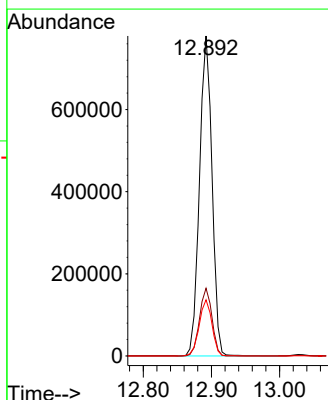
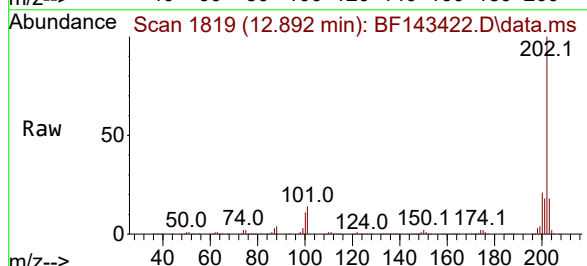
Tgt Ion:202 Resp: 995037

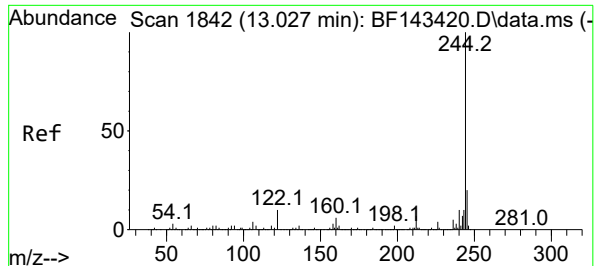
Ion Ratio Lower Upper

202 100

200 21.1 17.1 25.7

203 17.5 14.2 21.2

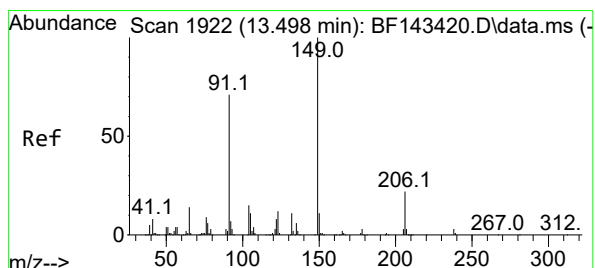
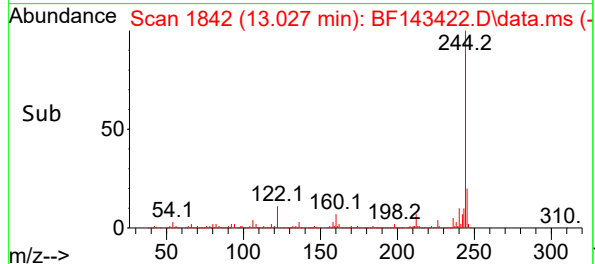
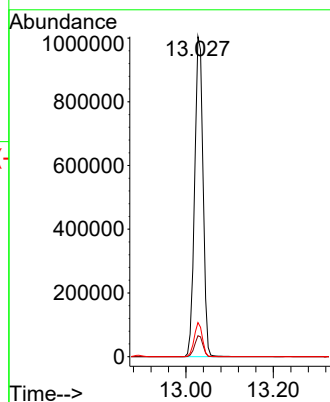
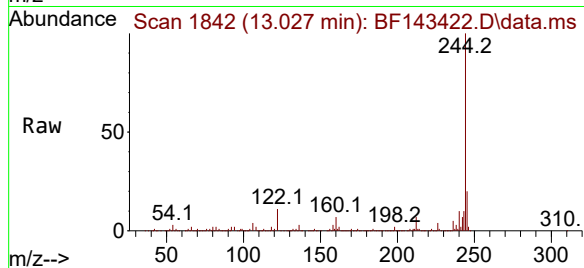




#79
Terphenyl-d14
Concen: 122.168 ng
RT: 13.027 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

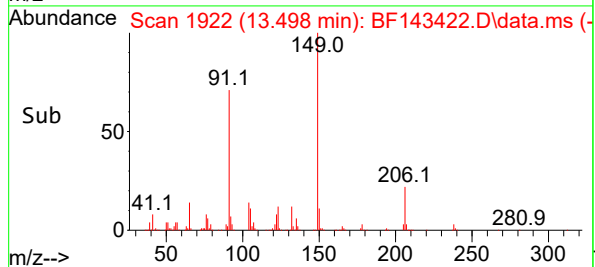
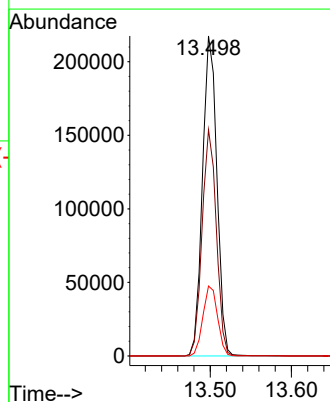
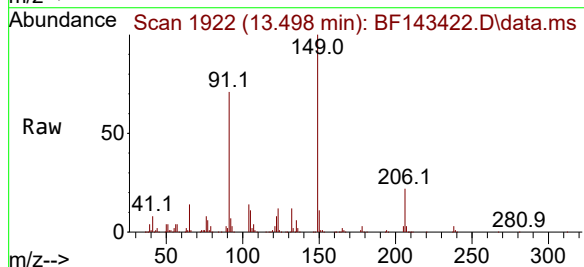
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

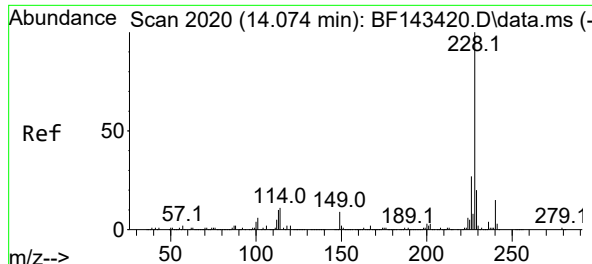
Tgt Ion:244 Resp: 1336250
Ion Ratio Lower Upper
244 100
212 6.5 5.2 7.8
122 10.6 8.3 12.5



#80
Butylbenzylphthalate
Concen: 67.834 ng
RT: 13.498 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

Tgt Ion:149 Resp: 268326
Ion Ratio Lower Upper
149 100
91 70.7 57.0 85.4
206 21.9 17.6 26.4

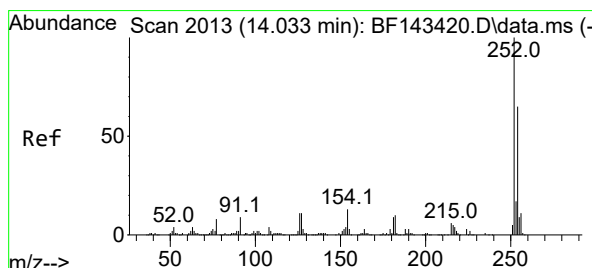
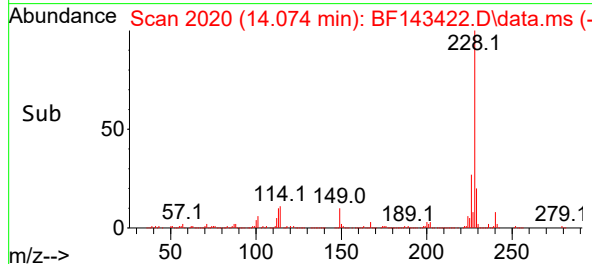
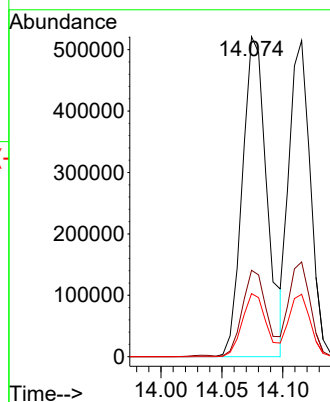
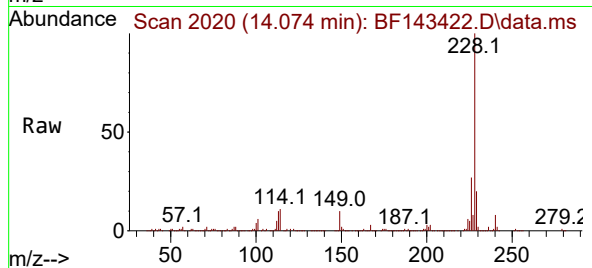




#81
Benzo(a)anthracene
Concen: 62.671 ng
RT: 14.074 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

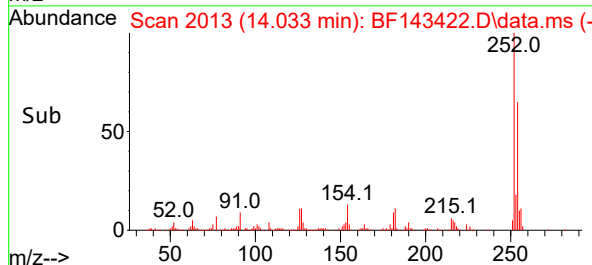
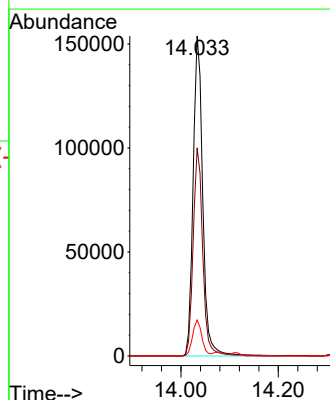
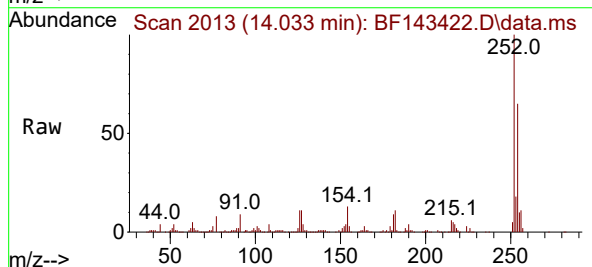
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

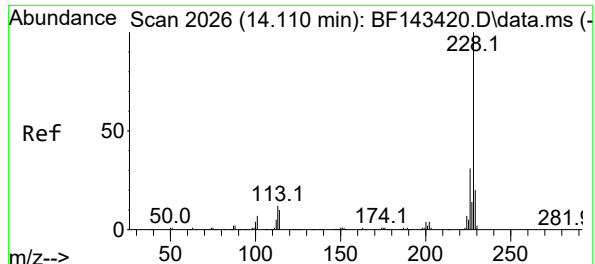
Tgt Ion:228 Resp: 733117
Ion Ratio Lower Upper
228 100
226 27.0 21.5 32.3
229 19.7 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 62.021 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

Tgt Ion:252 Resp: 212422
Ion Ratio Lower Upper
252 100
254 65.1 51.6 77.4
126 11.2 8.8 13.2





#83

Chrysene

Concen: 57.984 ng

RT: 14.116 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF143422.D

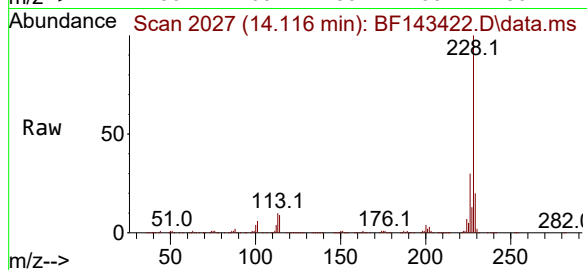
Acq: 15 Aug 2025 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



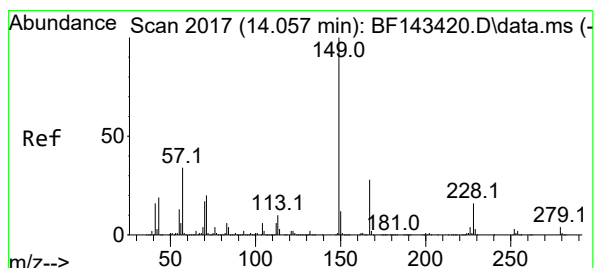
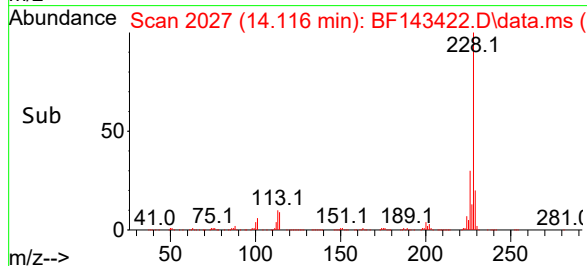
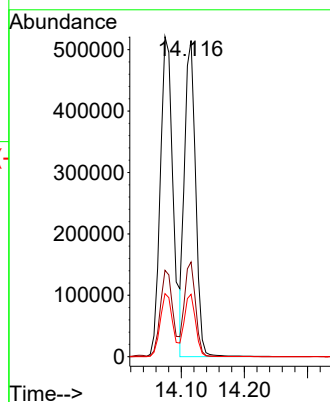
Tgt Ion:228 Resp: 627062

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

229 19.7 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.663 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

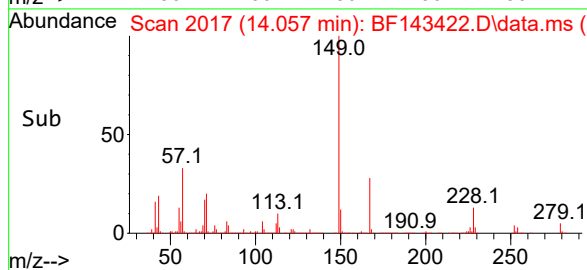
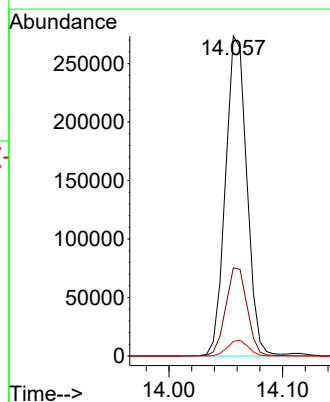
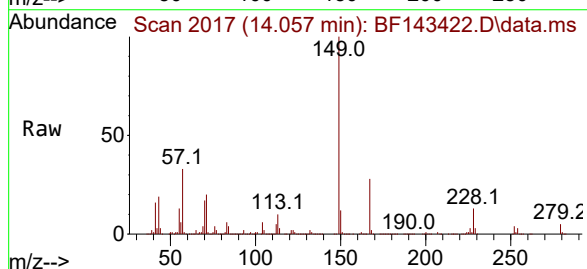
Tgt Ion:149 Resp: 357629

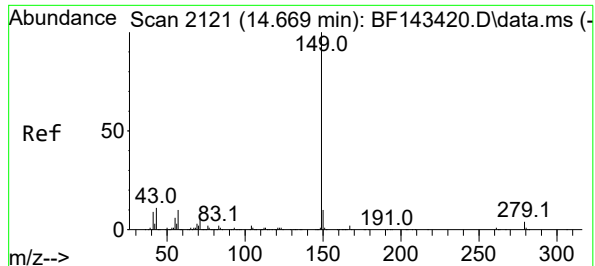
Ion Ratio Lower Upper

149 100

167 27.5 22.6 33.8

279 4.5 3.5 5.3

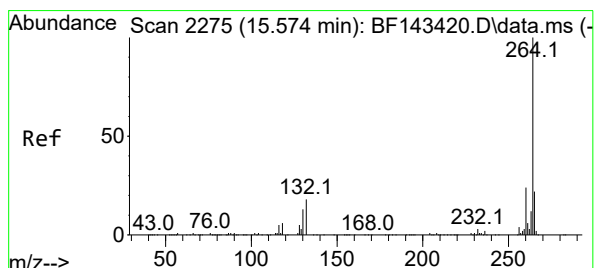
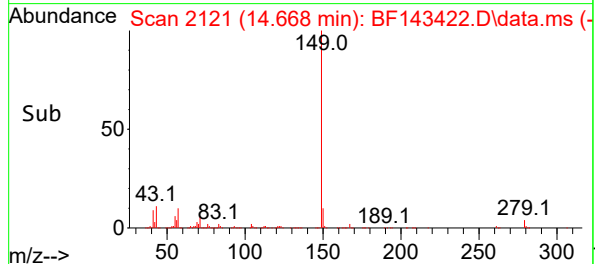
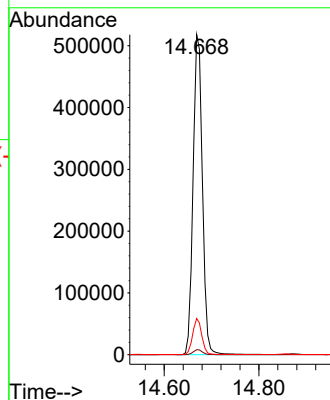
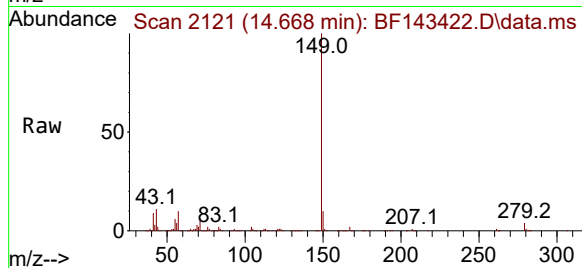




#85
Di-n-octyl phthalate
Concen: 62.221 ng
RT: 14.668 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

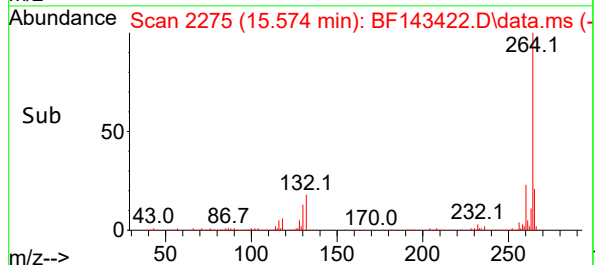
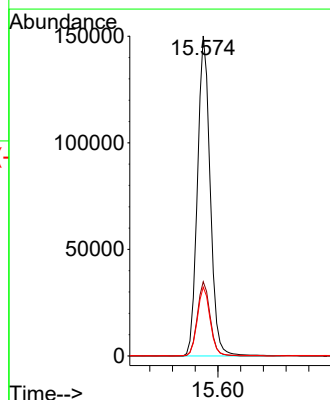
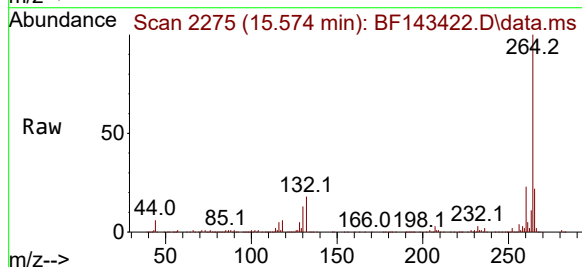
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

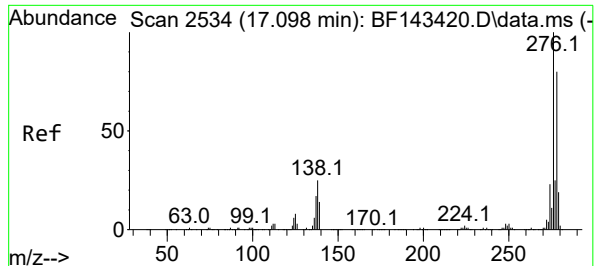
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.0	9.0	13.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF143422.D
Acq: 15 Aug 2025 17:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.5	17.4	26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.138 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143422.D

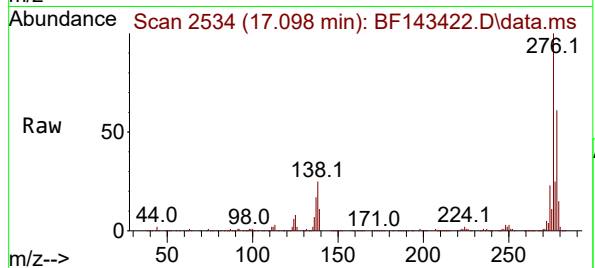
Acq: 15 Aug 2025 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



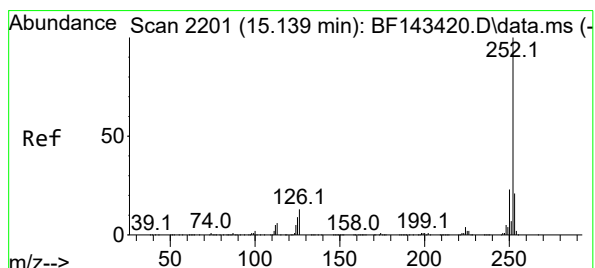
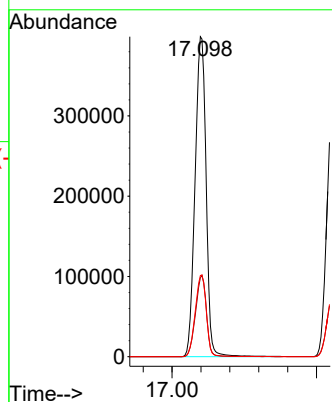
Tgt Ion:276 Resp: 1057633

Ion Ratio Lower Upper

276 100

138 25.0 20.2 30.4

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 58.304 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

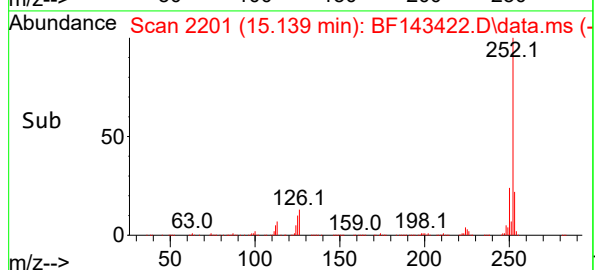
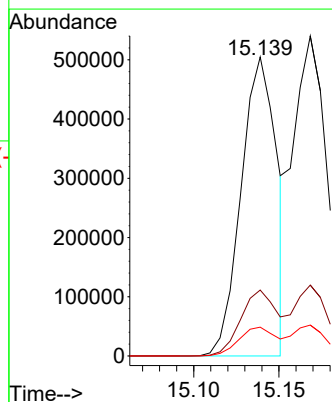
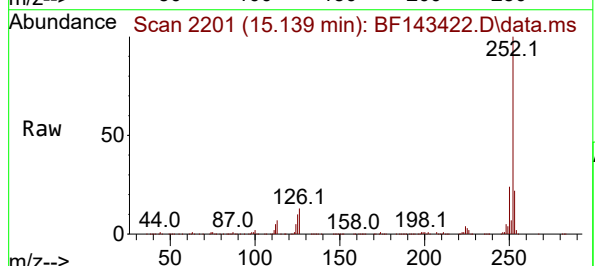
Tgt Ion:252 Resp: 732842

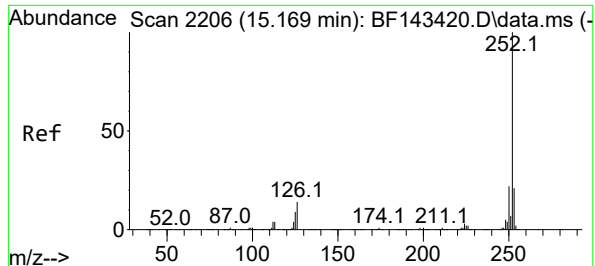
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 9.6 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 61.356 ng

RT: 15.168 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

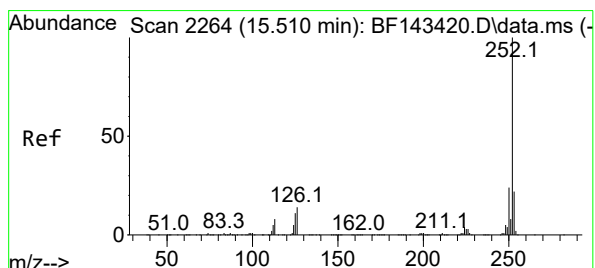
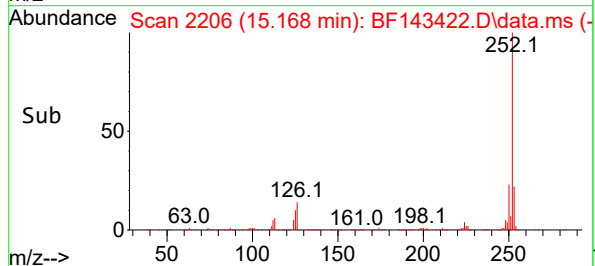
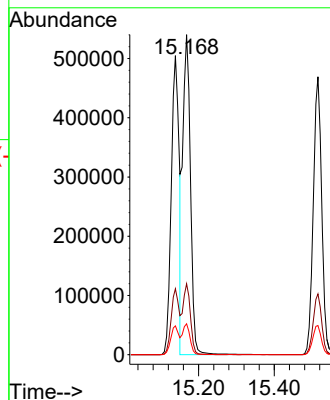
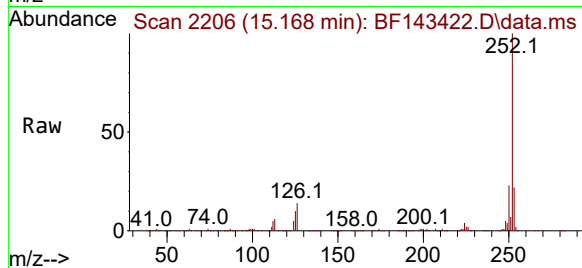
Tgt Ion:252 Resp: 760663

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 9.6 7.4 11.2



#90

Benzo(a)pyrene

Concen: 61.250 ng

RT: 15.515 min Scan# 2265

Delta R.T. 0.006 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

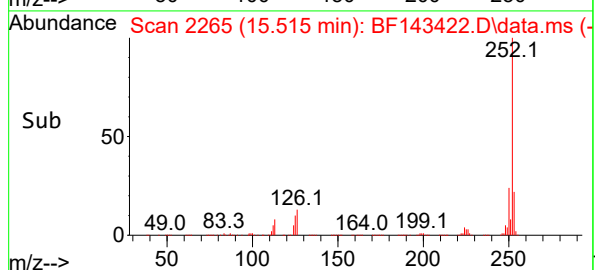
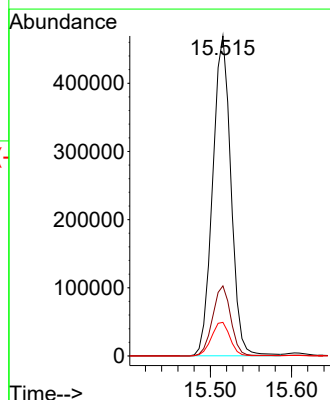
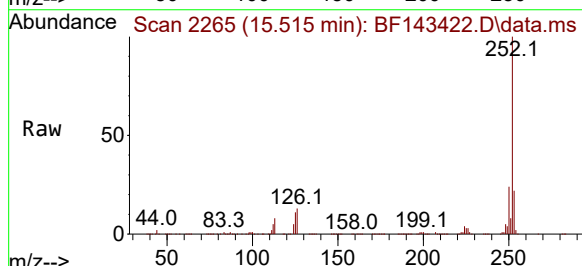
Tgt Ion:252 Resp: 733266

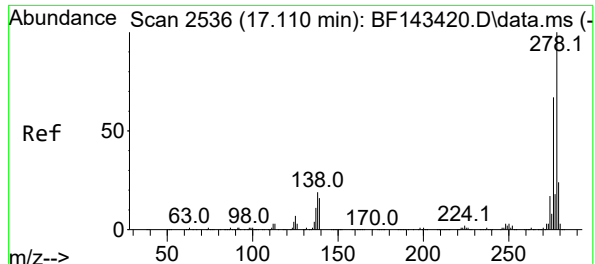
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 10.5 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 60.230 ng

RT: 17.109 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

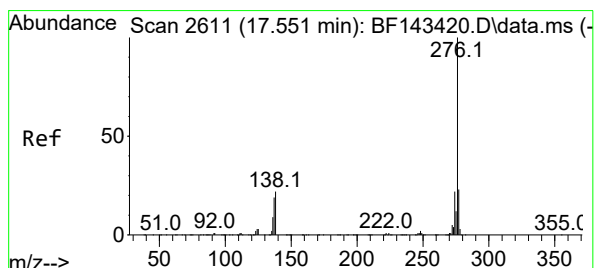
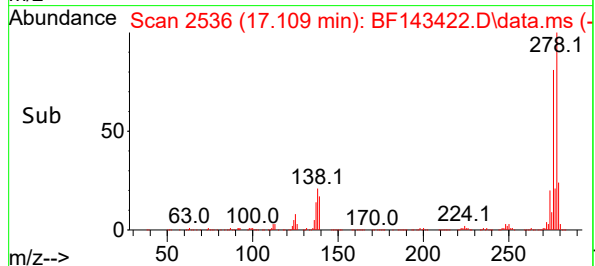
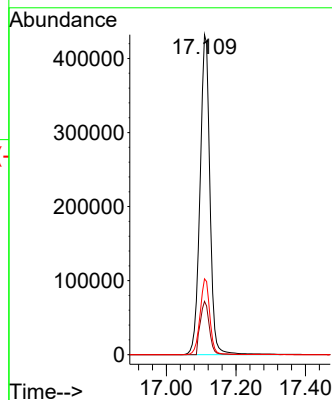
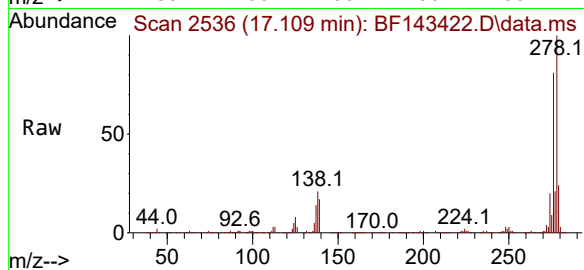
Tgt Ion:278 Resp: 850641

Ion Ratio Lower Upper

278 100

139 16.6 12.9 19.3

279 23.7 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 60.552 ng

RT: 17.556 min Scan# 2612

Delta R.T. 0.006 min

Lab File: BF143422.D

Acq: 15 Aug 2025 17:27

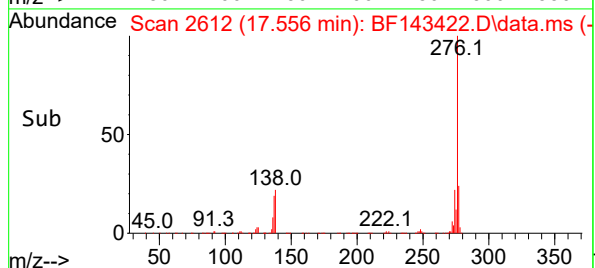
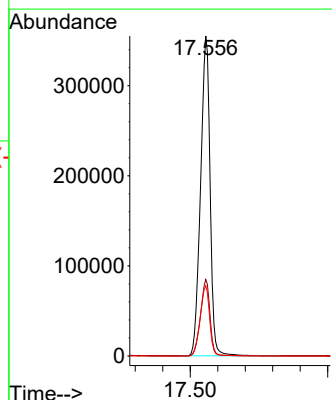
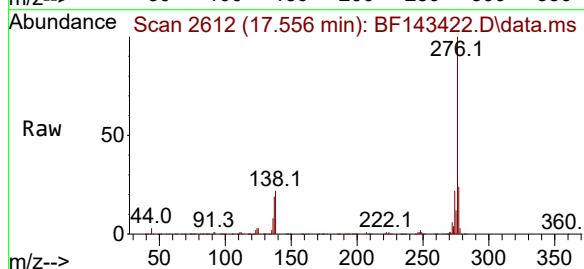
Tgt Ion:276 Resp: 854308

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 21.9 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143423.D
 Acq On : 15 Aug 2025 17:57
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Aug 15 18:35:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:23:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	127613	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	496955	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	263799	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	374109	20.000	ng	0.00
76) Chrysene-d12	14.092	240	220524	20.000	ng	0.00
86) Perylene-d12	15.574	264	303217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	1094798	149.132	ng	0.00
7) Phenol-d6	6.569	99	1363579	147.389	ng	0.01
23) Nitrobenzene-d5	7.492	82	1261400	150.617	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	351705	149.789	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	2026738	129.225	ng	0.00
79) Terphenyl-d14	13.033	244	1586760	120.873	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	276532	78.256	ng	99
3) Pyridine	3.510	79	757343	81.717	ng	99
4) n-Nitrosodimethylamine	3.469	42	355369	82.495	ng	99
6) Aniline	6.592	93	926945	73.803	ng	# 72
8) 2-Chlorophenol	6.722	128	618701	76.338	ng	99
9) Benzaldehyde	6.481	77	257472	52.314	ng	98
10) Phenol	6.587	94	768115	71.149	ng	# 74
11) bis(2-Chloroethyl)ether	6.663	93	614996	76.851	ng	99
12) 1,3-Dichlorobenzene	6.875	146	663965	73.133	ng	99
13) 1,4-Dichlorobenzene	6.945	146	661667	73.000	ng	99
14) 1,2-Dichlorobenzene	7.098	146	633632	73.190	ng	99
15) Benzyl Alcohol	7.075	79	539442	79.066	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	953823	69.720	ng	84
17) 2-Methylphenol	7.187	107	502851	76.044	ng	97
18) Hexachloroethane	7.445	117	232945	75.504	ng	98
19) n-Nitroso-di-n-propyla...	7.351	70	410455	71.664	ng	96
20) 3+4-Methylphenols	7.339	107	560730	70.919	ng	94
22) Acetophenone	7.339	105	732714	68.575	ng	# 97
24) Nitrobenzene	7.516	77	659006	75.289	ng	98
25) Isophorone	7.757	82	1224888	76.418	ng	99
26) 2-Nitrophenol	7.828	139	333788	82.260	ng	99
27) 2,4-Dimethylphenol	7.869	122	495612	72.240	ng	98
28) bis(2-Chloroethoxy)met...	7.957	93	719188	72.998	ng	99
29) 2,4-Dichlorophenol	8.075	162	516697	73.880	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	516357	72.057	ng	99
31) Naphthalene	8.234	128	1643524	69.661	ng	99
32) Benzoic acid	8.004	122	320776	90.330	ng	98
33) 4-Chloroaniline	8.281	127	621429	72.971	ng	99
34) Hexachlorobutadiene	8.351	225	337758	73.915	ng	98
35) Caprolactam	8.669	113	154207	76.585	ng	98
36) 4-Chloro-3-methylphenol	8.763	107	528206	73.333	ng	99
37) 2-Methylnaphthalene	8.928	142	1082367	68.060	ng	99
38) 1-Methylnaphthalene	9.022	142	1040898	68.315	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	528998	71.904	ng	100
41) Hexachlorocyclopentadiene	9.081	237	224806	83.474	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	356299	77.637	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143423.D
 Acq On : 15 Aug 2025 17:57
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

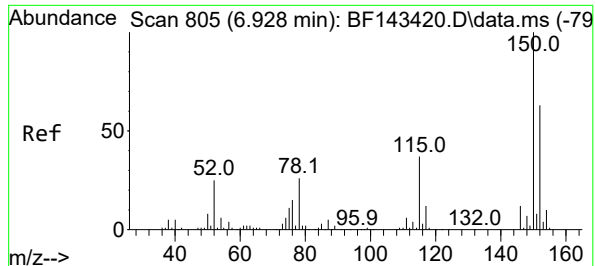
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:23:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	374807	76.189	ng	97
46) 1,1'-Biphenyl	9.386	154	1288126	69.497	ng	100
47) 2-Chloronaphthalene	9.416	162	1041882	71.212	ng	100
48) 2-Nitroaniline	9.504	65	340918	78.301	ng	100
49) Acenaphthylene	9.828	152	1493270	70.690	ng	99
50) Dimethylphthalate	9.680	163	1194741	72.643	ng	100
51) 2,6-Dinitrotoluene	9.745	165	263550	81.289	ng	98
52) Acenaphthene	9.998	154	1002131	70.534	ng	99
53) 3-Nitroaniline	9.916	138	282887	78.329	ng	99
54) 2,4-Dinitrophenol	10.028	184	124607	82.478	ng	96
55) Dibenzofuran	10.175	168	1406148	68.607	ng	98
56) 4-Nitrophenol	10.080	139	188791	83.148	ng	98
57) 2,4-Dinitrotoluene	10.151	165	339430	78.525	ng	99
58) Fluorene	10.516	166	1041922	66.173	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.292	232	285106	76.562	ng	96
60) Diethylphthalate	10.380	149	1048638	68.997	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	536308	68.893	ng	98
62) 4-Nitroaniline	10.533	138	253013	74.911	ng	98
63) Azobenzene	10.663	77	1079950	70.306	ng	98
65) 4,6-Dinitro-2-methylph...	10.563	198	176602	91.491	ng	98
66) n-Nitrosodiphenylamine	10.622	169	911081	74.898	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	343614	77.781	ng	98
68) Hexachlorobenzene	11.069	284	359214	76.486	ng	97
69) Atrazine	11.145	200	270449	76.013	ng	99
70) Pentachlorophenol	11.263	266	186470	89.429	ng	99
71) Phenanthrene	11.474	178	1428719	70.524	ng	99
72) Anthracene	11.527	178	1439557	70.354	ng	99
73) Carbazole	11.680	167	1207594	69.780	ng	100
74) Di-n-butylphthalate	12.004	149	1253224	72.721	ng	99
75) Fluoranthene	12.663	202	1207144	67.060	ng	99
78) Pyrene	12.892	202	1181381	61.635	ng	100
80) Butylbenzylphthalate	13.498	149	394998	83.201	ng	99
81) Benzo(a)anthracene	14.080	228	1068277	76.089	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	340456	82.823	ng	100
83) Chrysene	14.115	228	958475	73.845	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	584266	86.658	ng	99
85) Di-n-octyl phthalate	14.674	149	1162314	84.996	ng	100
87) Indeno(1,2,3-cd)pyrene	17.109	276	1666322	73.282	ng	99
88) Benzo(b)fluoranthene	15.145	252	1257001	77.348	ng	99
89) Benzo(k)fluoranthene	15.174	252	1186018	73.992	ng	99
90) Benzo(a)pyrene	15.521	252	1183837	76.483	ng	99
91) Dibenzo(a,h)anthracene	17.127	278	1328554	72.757	ng	99
92) Benzo(g,h,i)perylene	17.568	276	1346979	73.842	ng	99

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

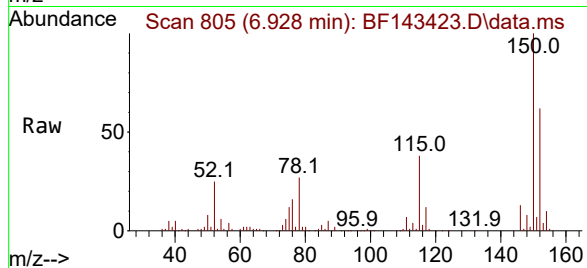
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BNA_F
ClientSampleId :
SSTDICC080

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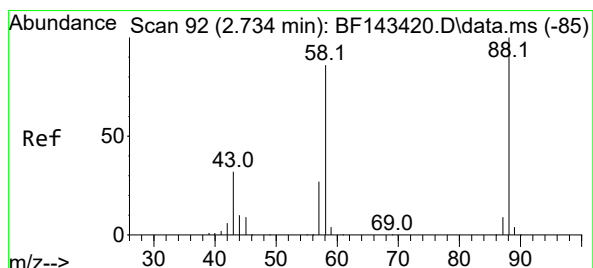
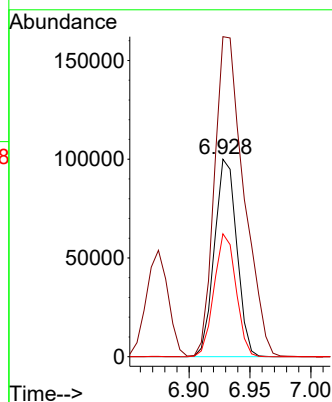
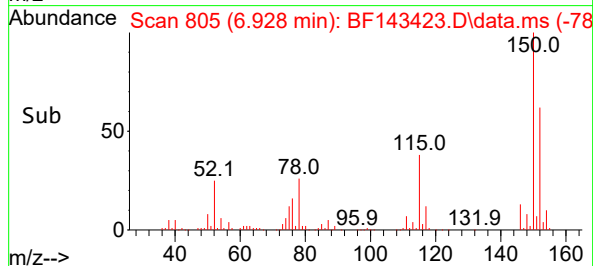


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

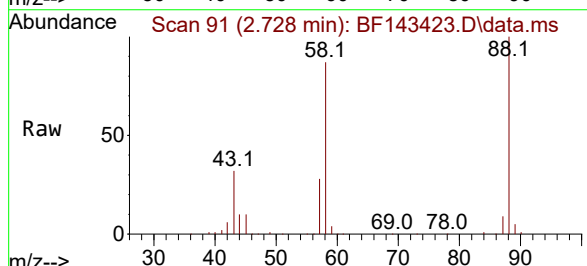
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



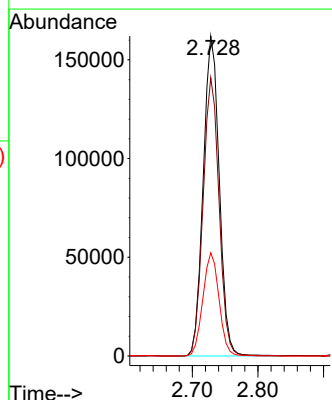
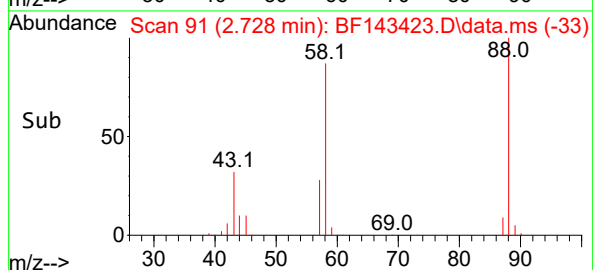
Tgt Ion:152 Resp: 127613
Ion Ratio Lower Upper
152 100
150 162.1 127.4 191.2
115 62.3 47.5 71.3

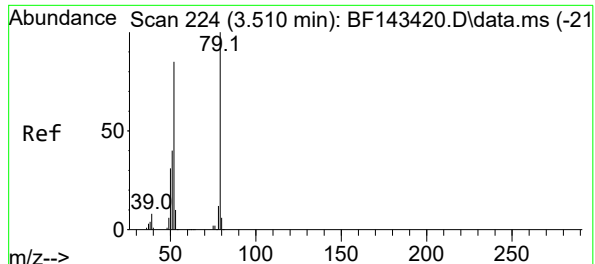


#2
1,4-Dioxane
Concen: 78.256 ng
RT: 2.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57



Tgt Ion: 88 Resp: 276532
Ion Ratio Lower Upper
88 100
58 86.7 68.7 103.1
43 32.5 26.1 39.1

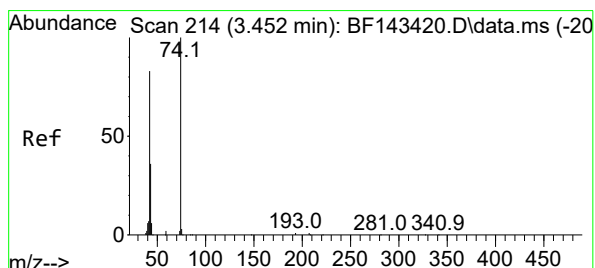
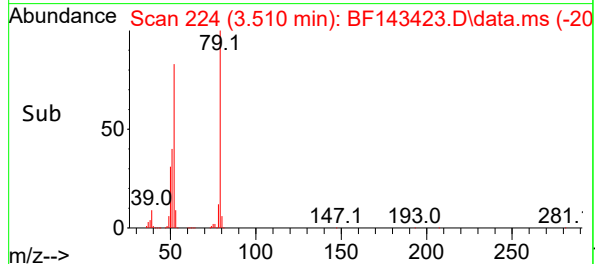
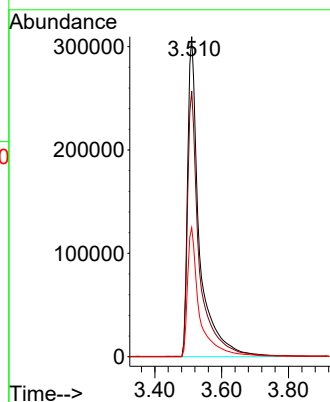
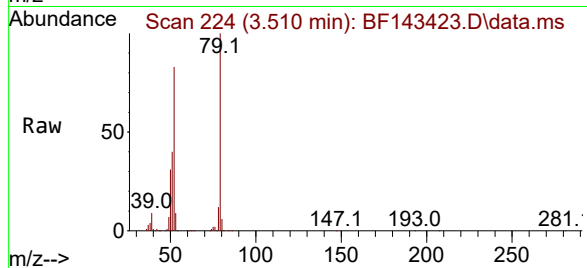




#3
Pyridine
Concen: 81.717 ng
RT: 3.510 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

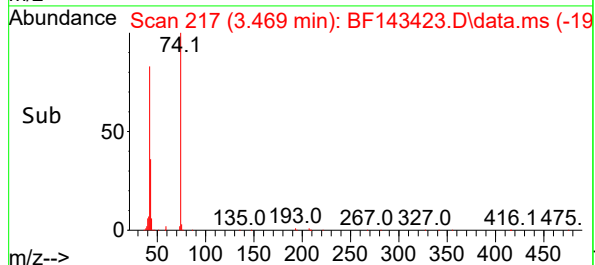
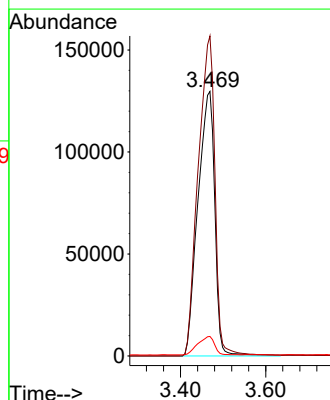
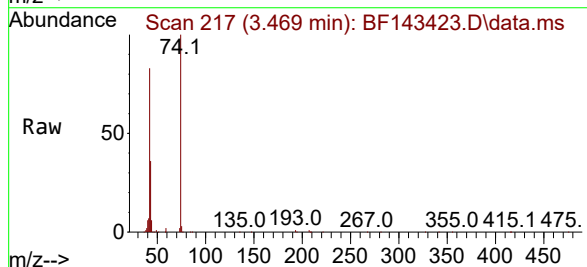
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

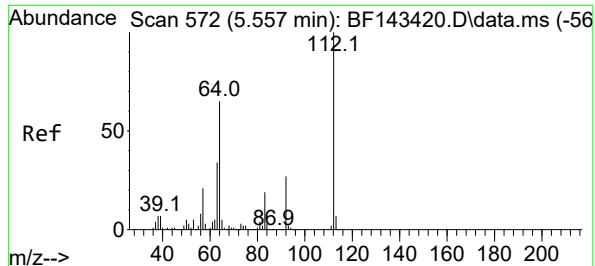
Tgt Ion: 79 Resp: 757343
Ion Ratio Lower Upper
79 100
52 83.0 67.7 101.5
51 40.3 32.3 48.5



#4
n-Nitrosodimethylamine
Concen: 82.495 ng
RT: 3.469 min Scan# 217
Delta R.T. 0.018 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

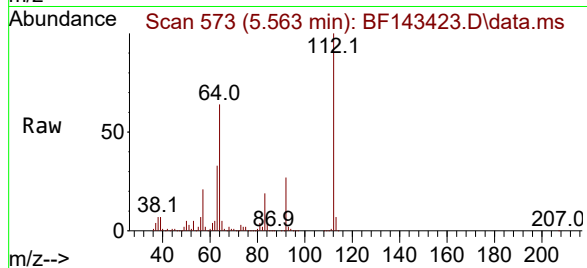
Tgt Ion: 42 Resp: 355369
Ion Ratio Lower Upper
42 100
74 121.0 96.2 144.4
44 7.4 5.9 8.9



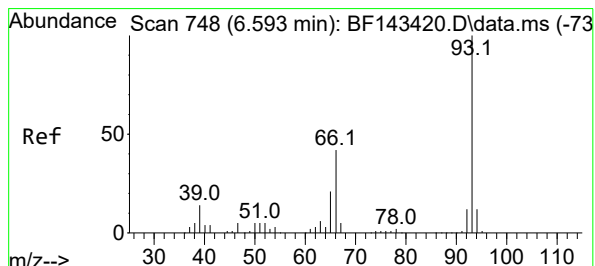
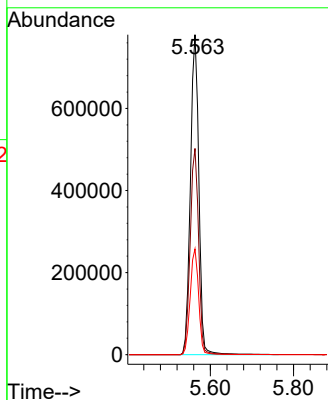
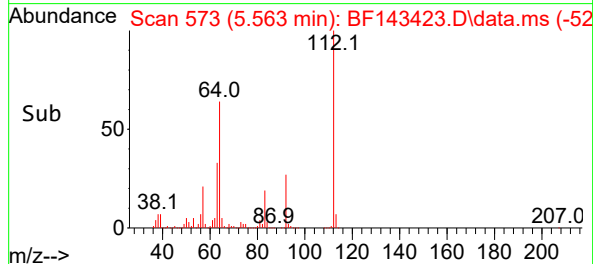


#5
2-Fluorophenol
Concen: 149.132 ng
RT: 5.563 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

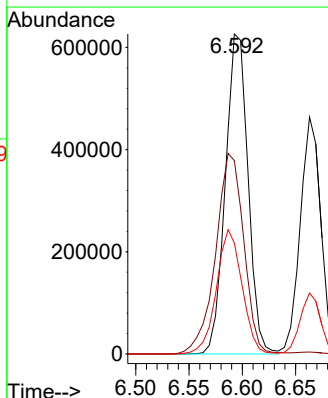
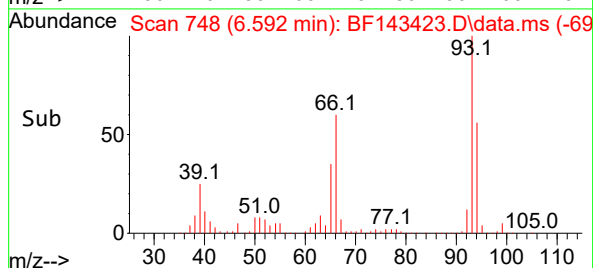
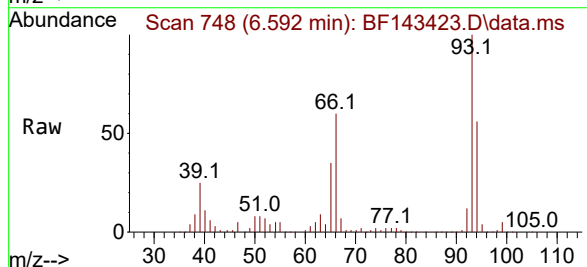


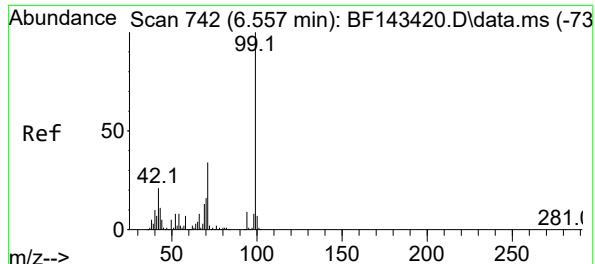
Tgt Ion:112 Resp: 1094798
Ion Ratio Lower Upper
112 100
64 64.5 52.2 78.2
63 33.1 27.0 40.6



#6
Aniline
Concen: 73.803 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Tgt Ion: 93 Resp: 926945
Ion Ratio Lower Upper
93 100
66 60.4 33.8 50.8#
65 34.6 17.2 25.8#

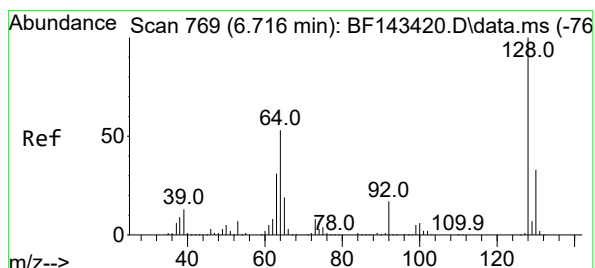
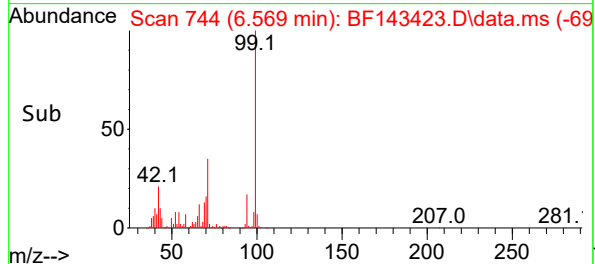
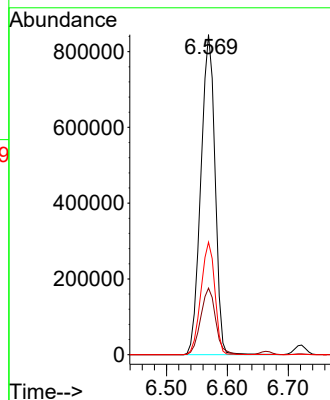
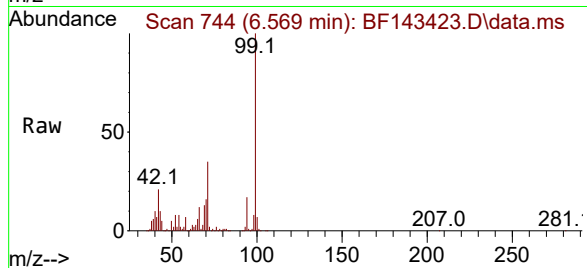




#7
Phenol-d6
Concen: 147.389 ng
RT: 6.569 min Scan# 742
Delta R.T. 0.012 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

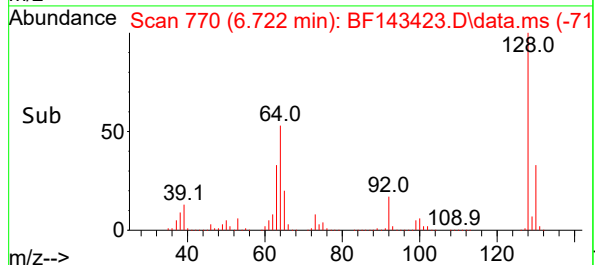
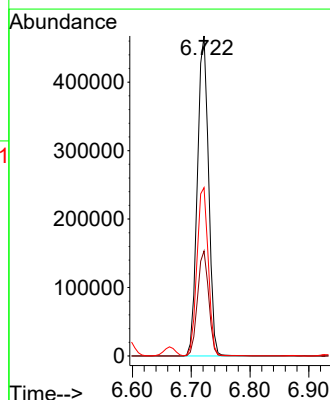
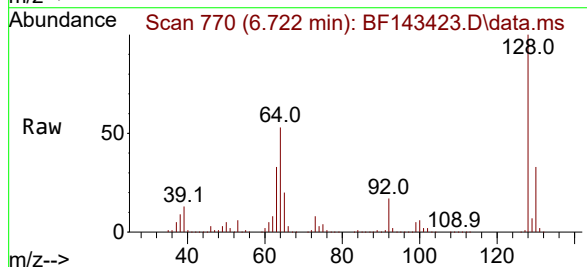
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

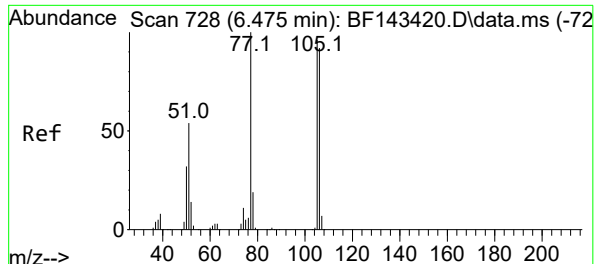
Tgt Ion: 99 Resp: 1363579
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 35.1 27.4 41.2



#8
2-Chlorophenol
Concen: 76.338 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Tgt Ion: 128 Resp: 618701
Ion Ratio Lower Upper
128 100
130 32.8 12.9 52.9
64 52.6 33.1 73.1





#9

Benzaldehyde

Concen: 52.314 ng

RT: 6.481 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

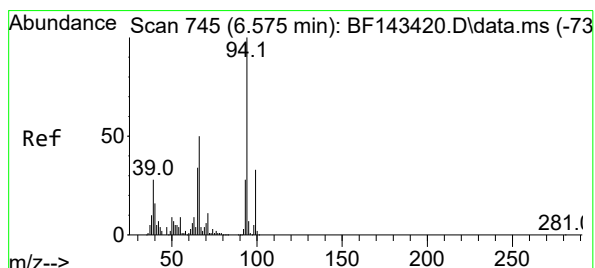
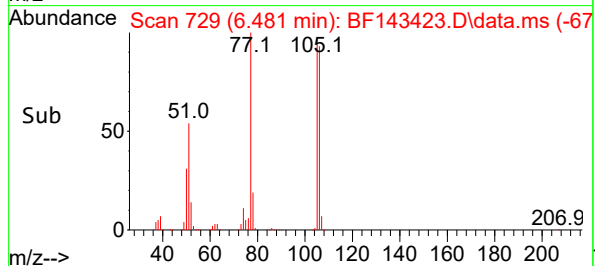
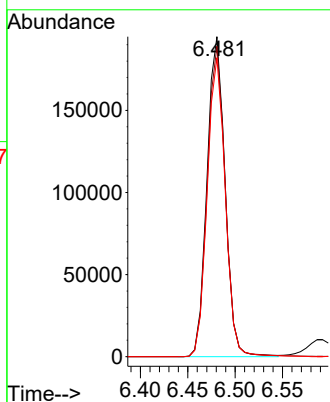
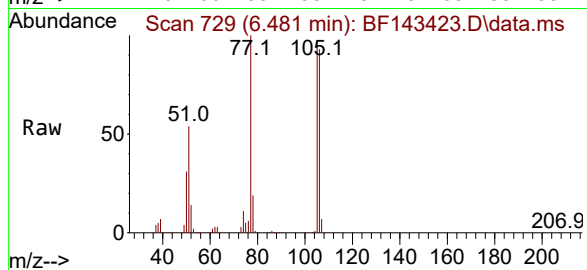
Tgt Ion: 77 Resp: 257472

Ion Ratio Lower Upper

77 100

105 97.0 75.5 115.5

106 93.4 72.0 112.0



#10

Phenol

Concen: 71.149 ng

RT: 6.587 min Scan# 747

Delta R.T. 0.012 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

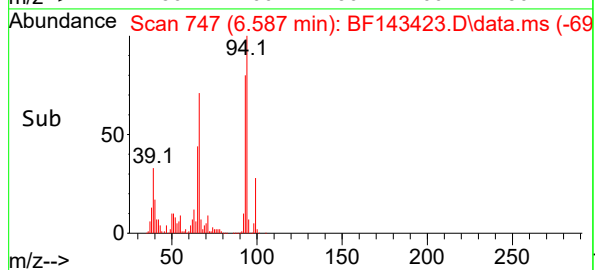
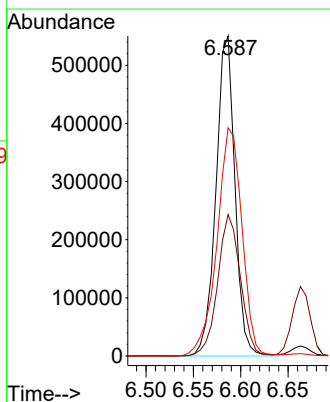
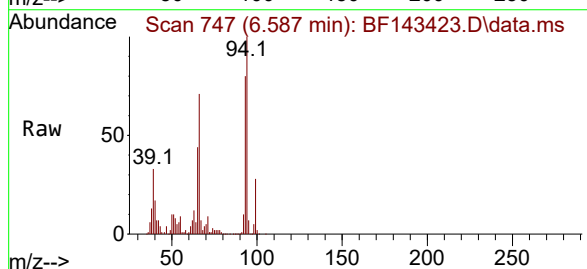
Tgt Ion: 94 Resp: 768115

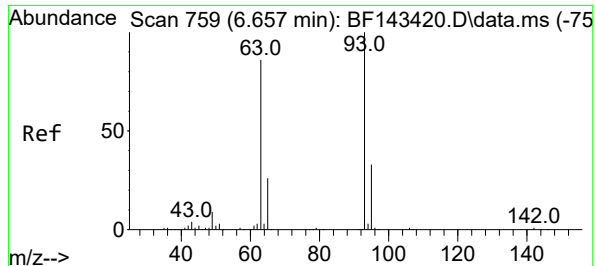
Ion Ratio Lower Upper

94 100

65 44.2 13.7 53.7

66 71.3 30.3 70.3#

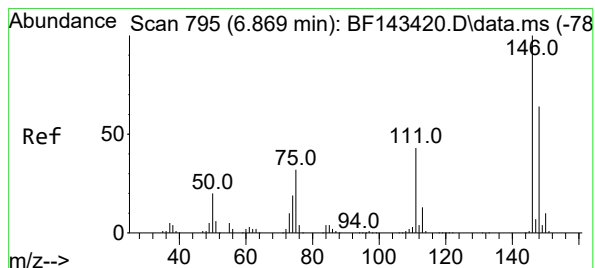
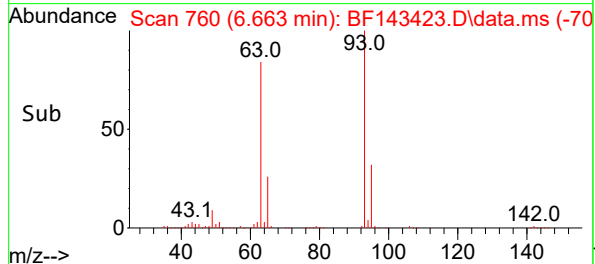
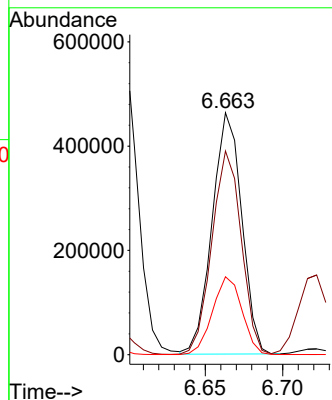
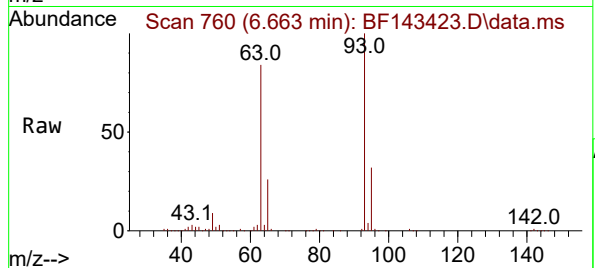




#11
bis(2-Chloroethyl)ether
Concen: 76.851 ng
RT: 6.663 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

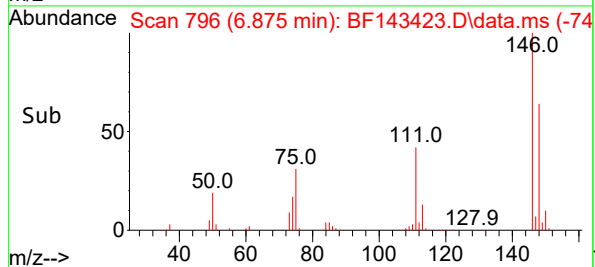
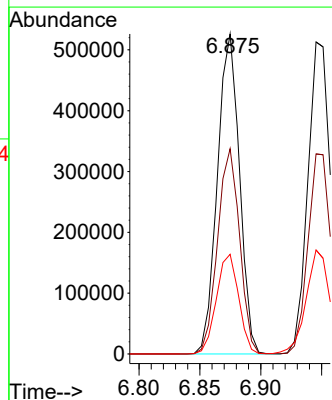
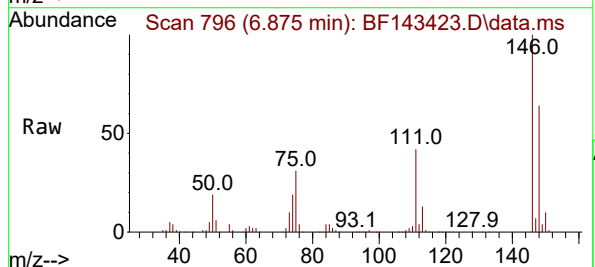
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

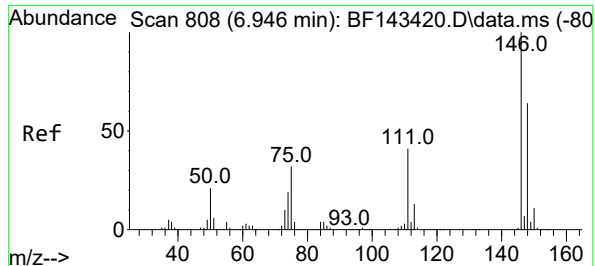
Tgt Ion: 93 Resp: 614996
Ion Ratio Lower Upper
93 100
63 84.2 65.4 105.4
95 32.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 73.133 ng
RT: 6.875 min Scan# 796
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Tgt Ion: 146 Resp: 663965
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.4
75 31.2 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 73.000 ng

RT: 6.945 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

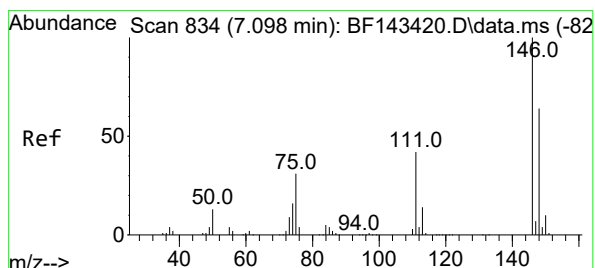
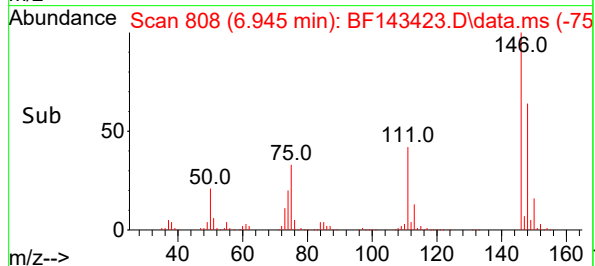
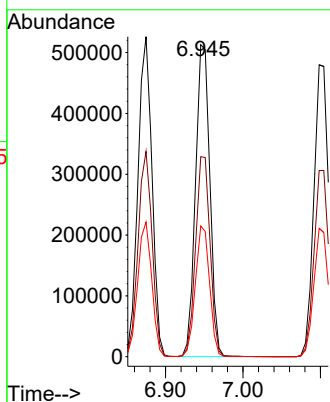
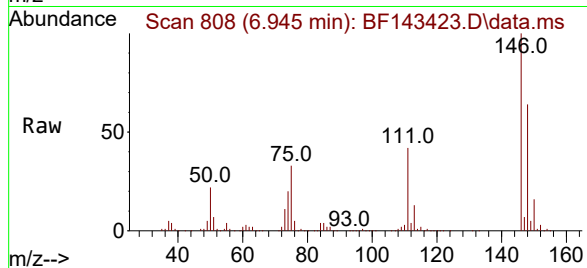
Tgt Ion:146 Resp: 661667

Ion Ratio Lower Upper

146 100

148 64.1 51.1 76.7

111 41.9 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 73.190 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

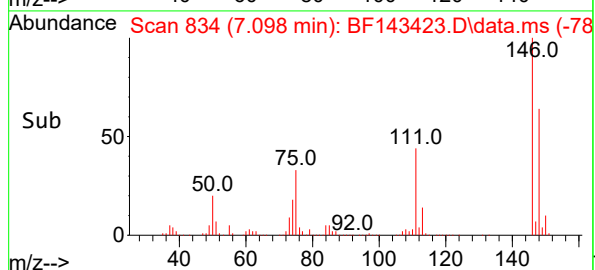
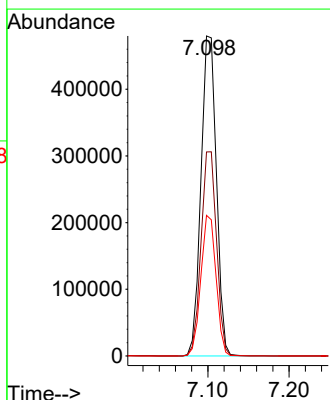
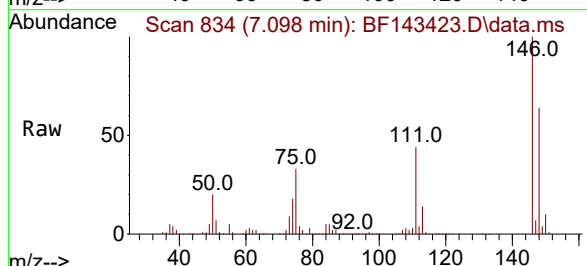
Tgt Ion:146 Resp: 633632

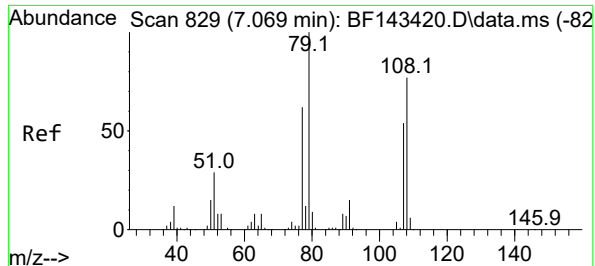
Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.0

111 44.0 33.9 50.9





#15

Benzyl Alcohol

Concen: 79.066 ng

RT: 7.075 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

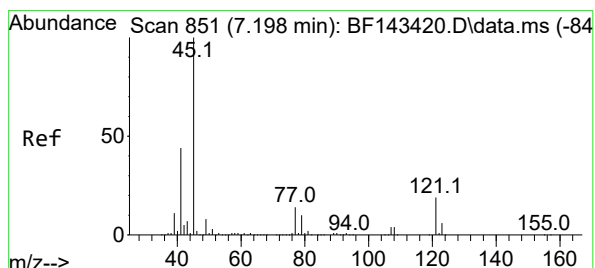
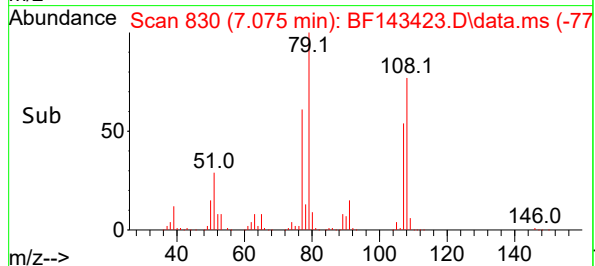
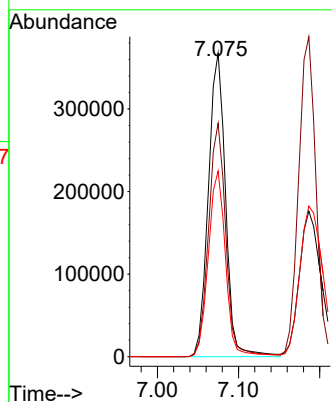
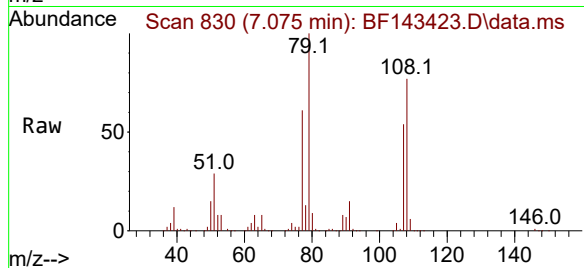
Tgt Ion: 79 Resp: 539442

Ion Ratio Lower Upper

79 100

108 76.9 61.9 92.9

77 61.1 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 69.720 ng

RT: 7.198 min Scan# 851

Delta R.T. -0.000 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

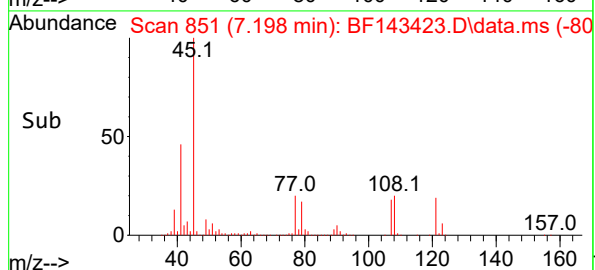
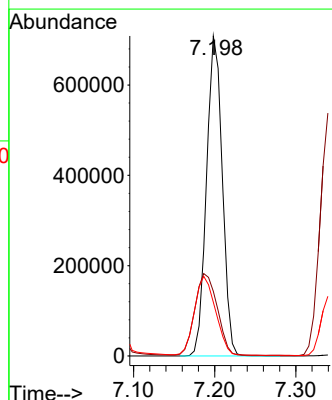
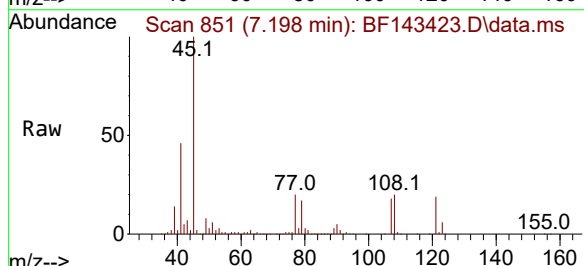
Tgt Ion: 45 Resp: 953823

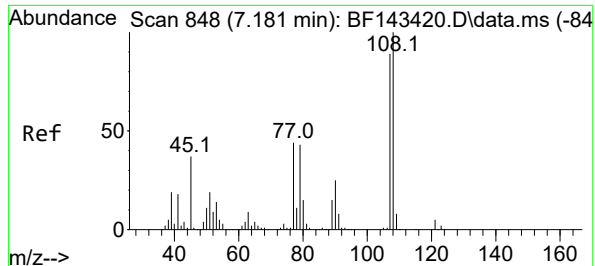
Ion Ratio Lower Upper

45 100

77 20.2 0.0 33.9

79 16.8 0.0 30.7

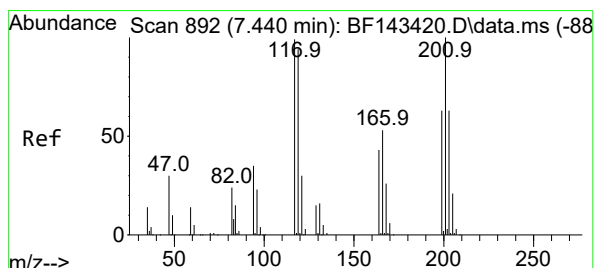
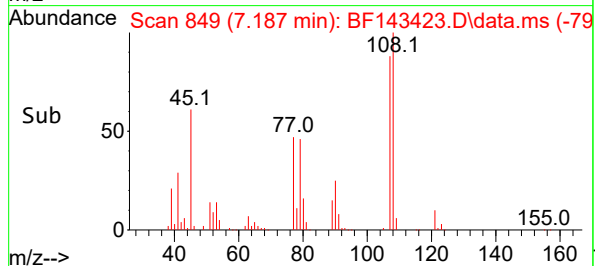
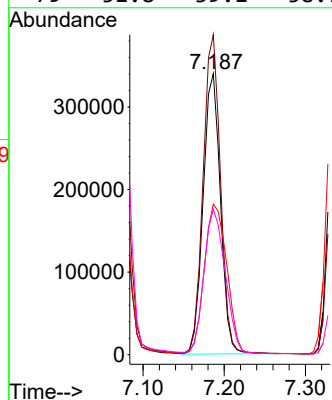
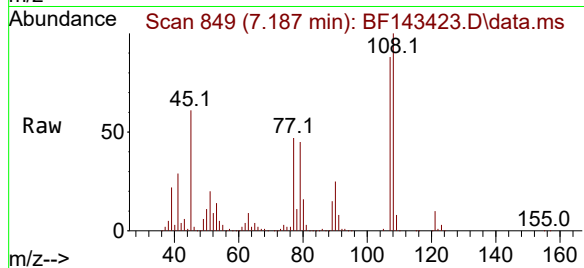




#17
2-Methylphenol
Concen: 76.044 ng
RT: 7.187 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

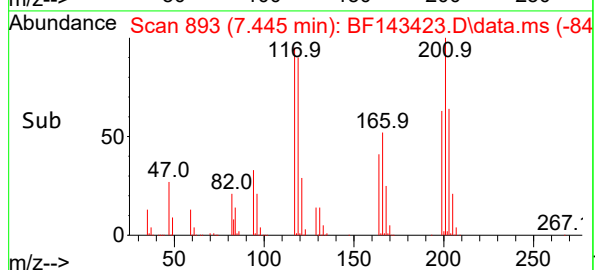
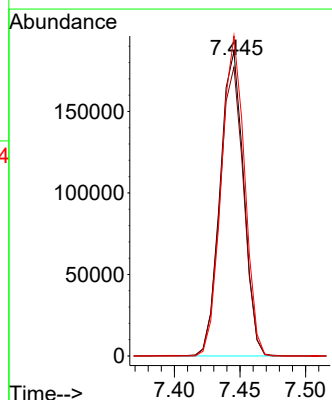
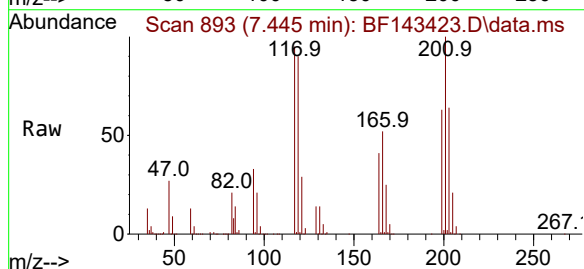
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

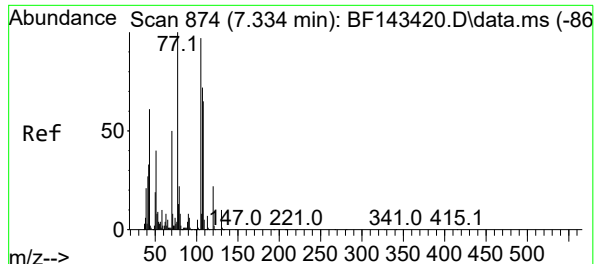
Tgt Ion:107 Resp: 502851
Ion Ratio Lower Upper
107 100
108 113.8 90.1 135.1
77 53.6 39.9 59.9
79 51.8 39.1 58.7



#18
Hexachloroethane
Concen: 75.504 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Tgt Ion:117 Resp: 232945
Ion Ratio Lower Upper
117 100
119 94.9 76.6 114.8
201 105.1 81.0 121.4





#19

n-Nitroso-di-n-propylamine

Concen: 71.664 ng

RT: 7.351 min Scan# 81

Delta R.T. 0.017 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 410455

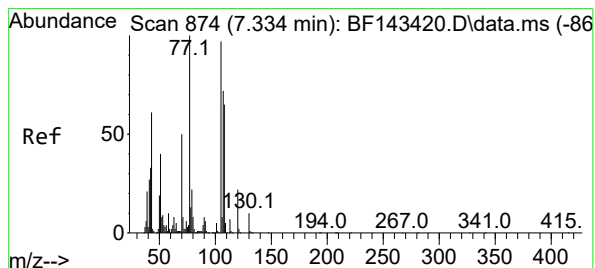
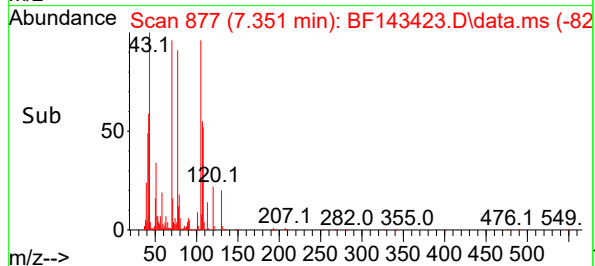
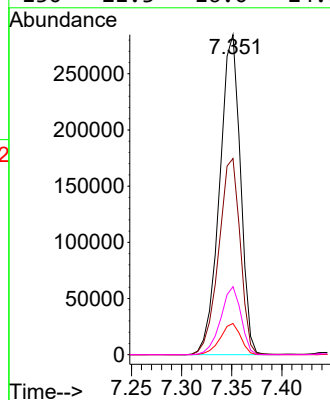
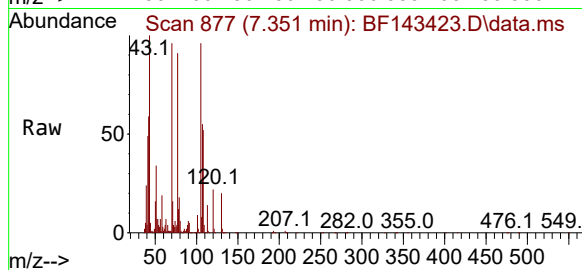
Ion Ratio Lower Upper

70 100

42 61.3 52.5 78.7

101 9.8 7.9 11.9

130 21.3 16.0 24.0



#20

3+4-Methylphenols

Concen: 70.919 ng

RT: 7.339 min Scan# 875

Delta R.T. 0.006 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

Tgt Ion: 107 Resp: 560730

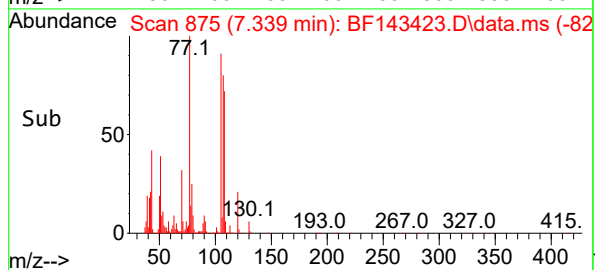
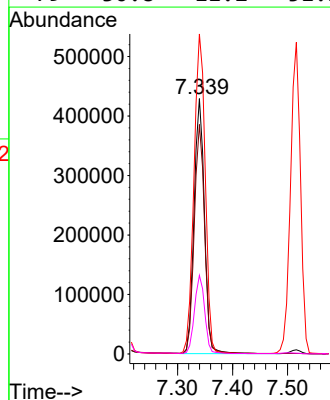
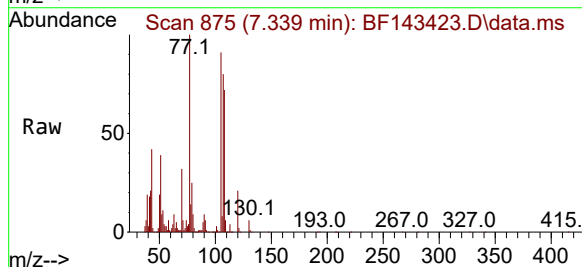
Ion Ratio Lower Upper

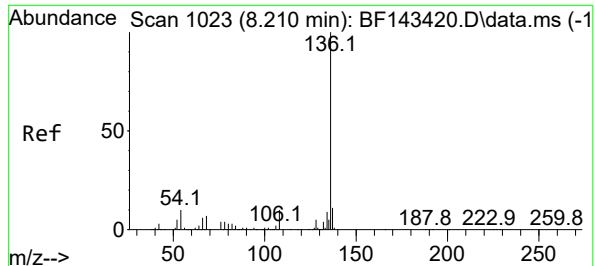
107 100

108 89.8 70.8 110.8

77 125.3 119.1 159.1

79 30.8 11.2 51.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:136 Resp: 496955

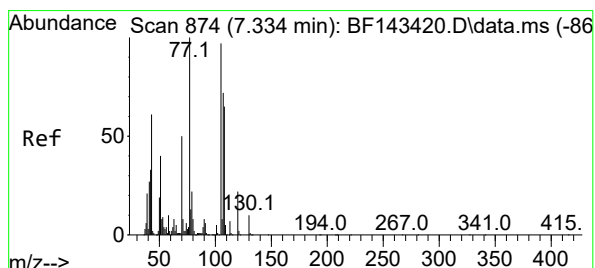
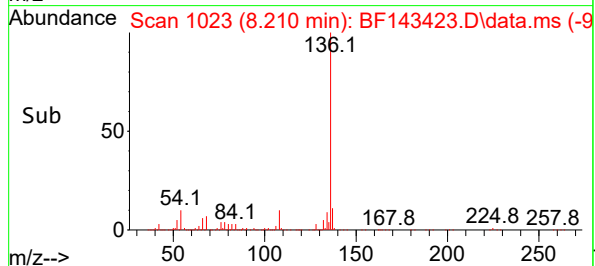
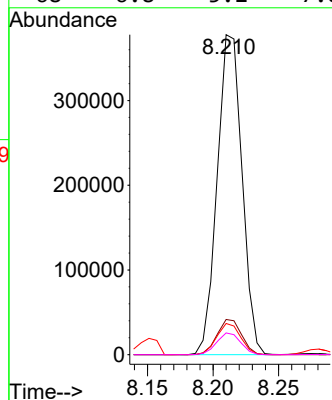
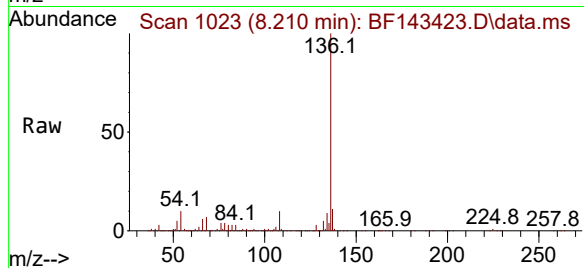
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.7 7.8 11.8

68 6.8 5.2 7.8



#22

Acetophenone

Concen: 68.575 ng

RT: 7.339 min Scan# 875

Delta R.T. 0.006 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

Tgt Ion:105 Resp: 732714

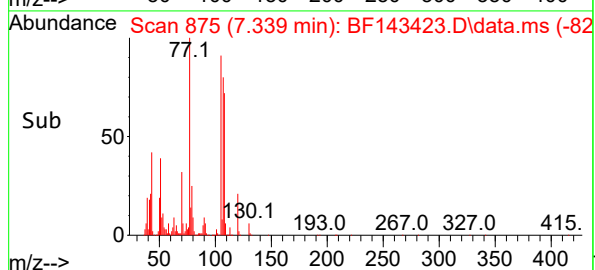
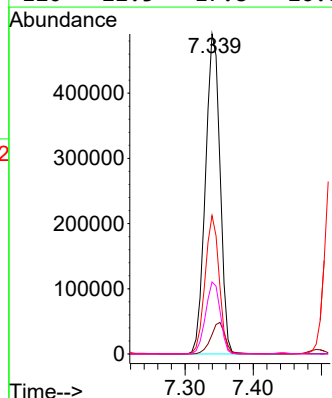
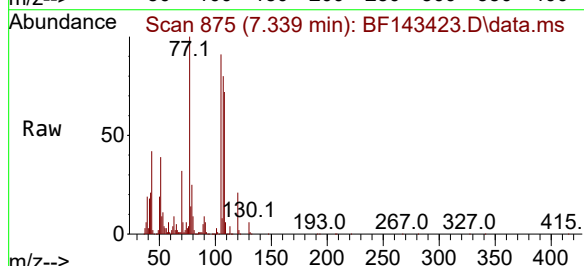
Ion Ratio Lower Upper

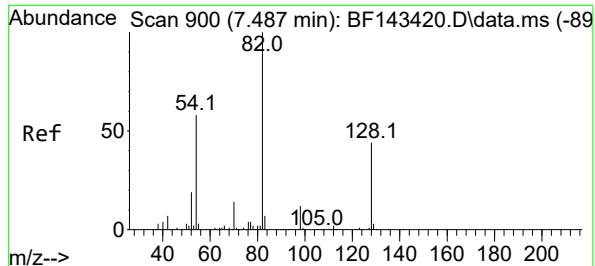
105 100

71 6.0 7.0 10.4#

51 43.2 32.7 49.1

120 22.5 17.8 26.8





#23

Nitrobenzene-d5

Concen: 150.617 ng

RT: 7.492 min Scan# 901

Delta R.T. 0.006 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

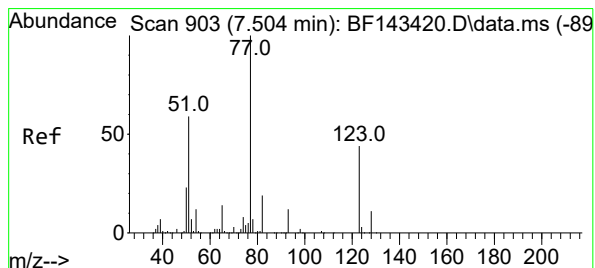
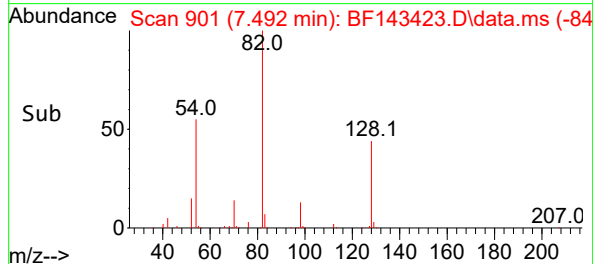
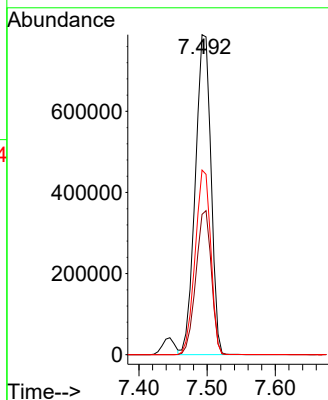
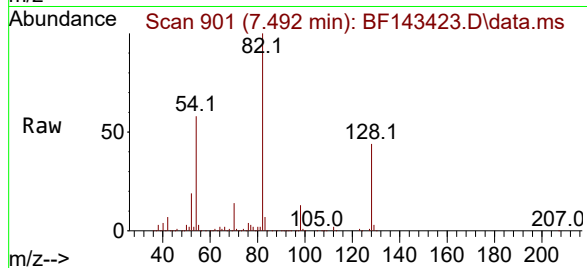
Tgt Ion: 82 Resp: 1261400

Ion Ratio Lower Upper

82 100

128 43.8 34.6 52.0

54 57.7 46.0 69.0



#24

Nitrobenzene

Concen: 75.289 ng

RT: 7.516 min Scan# 905

Delta R.T. 0.012 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

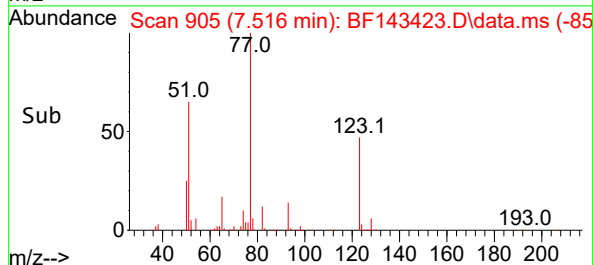
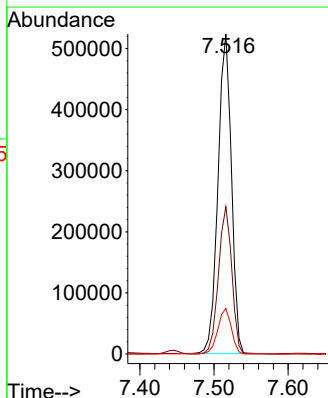
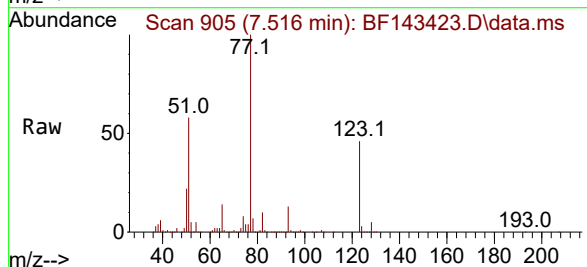
Tgt Ion: 77 Resp: 659006

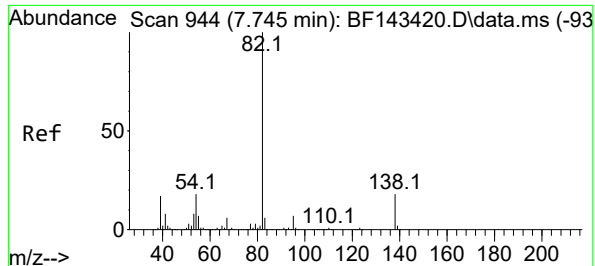
Ion Ratio Lower Upper

77 100

123 46.0 35.4 53.0

65 14.2 11.2 16.8





#25

Isophorone

Concen: 76.418 ng

RT: 7.757 min Scan# 944

Delta R.T. 0.012 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

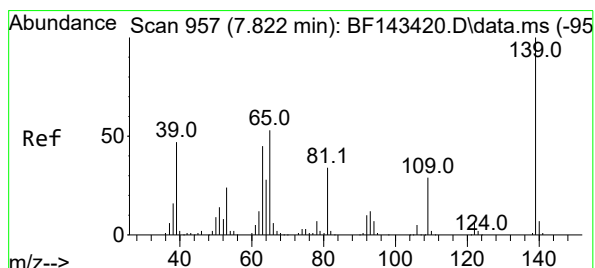
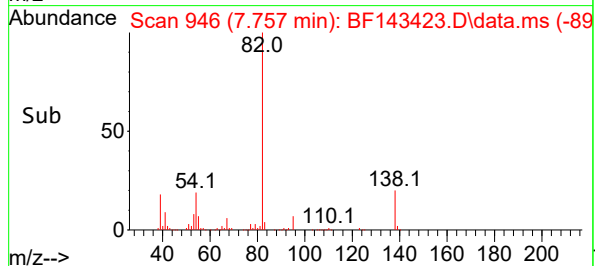
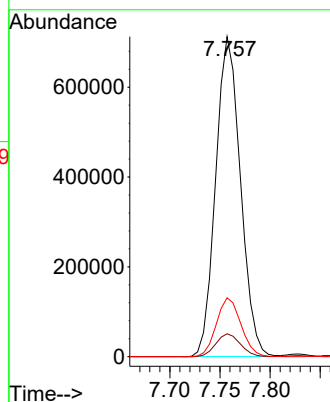
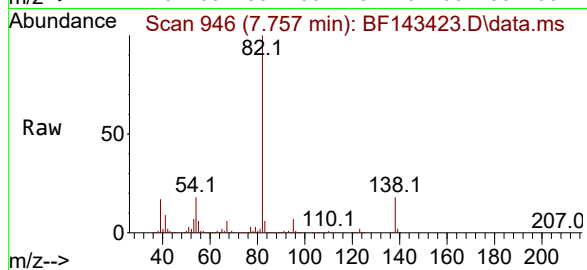
Tgt Ion: 82 Resp: 1224888

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

138 18.4 14.3 21.5



#26

2-Nitrophenol

Concen: 82.260 ng

RT: 7.828 min Scan# 958

Delta R.T. 0.006 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

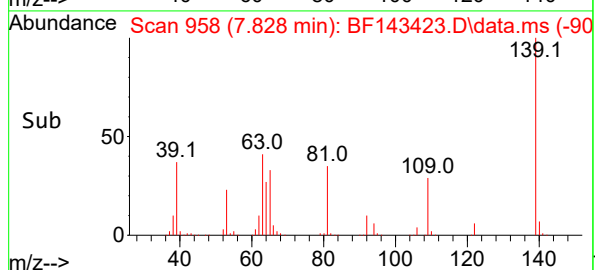
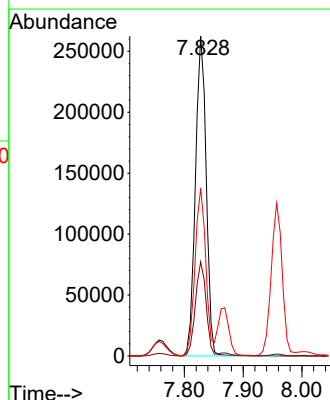
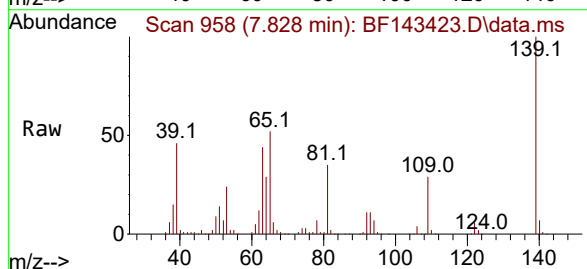
Tgt Ion:139 Resp: 333788

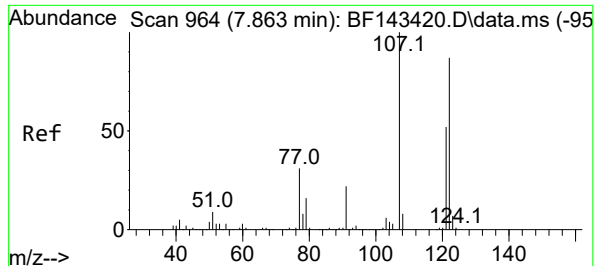
Ion Ratio Lower Upper

139 100

109 29.4 23.0 34.4

65 52.4 42.5 63.7





#27

2,4-Dimethylphenol

Concen: 72.240 ng

RT: 7.869 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

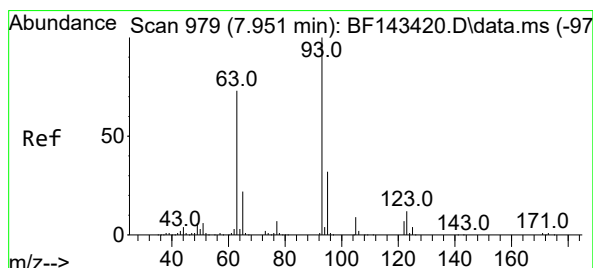
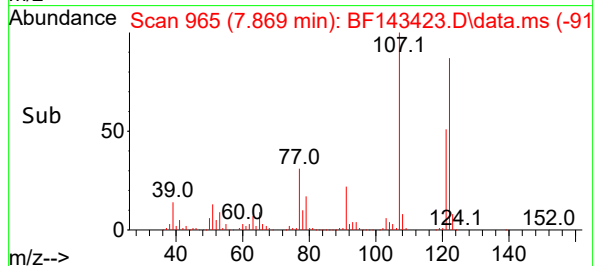
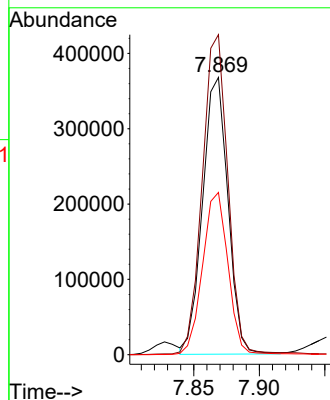
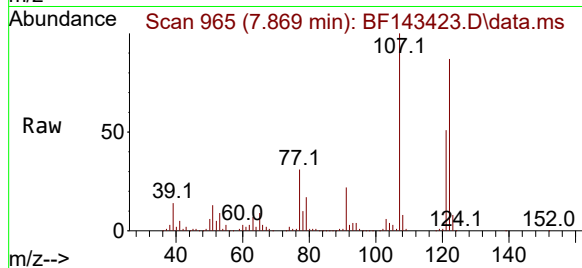
Tgt Ion:122 Resp: 495612

Ion Ratio Lower Upper

122 100

107 115.4 90.4 135.6

121 58.5 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 72.998 ng

RT: 7.957 min Scan# 980

Delta R.T. 0.006 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

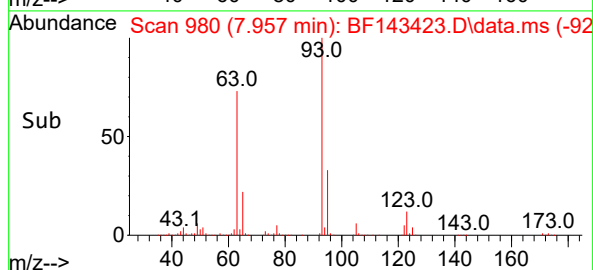
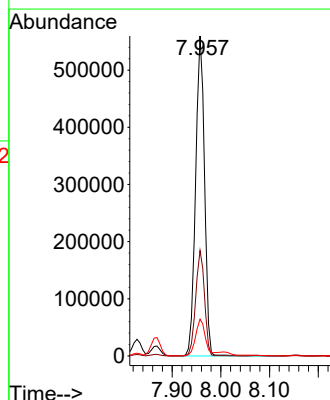
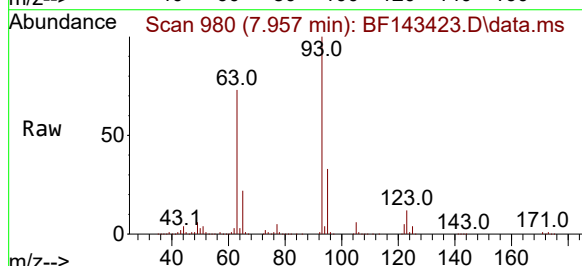
Tgt Ion: 93 Resp: 719188

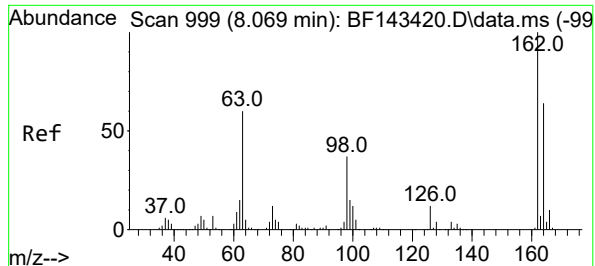
Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

123 11.5 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 73.880 ng

RT: 8.075 min Scan# 1000

Delta R.T. 0.006 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

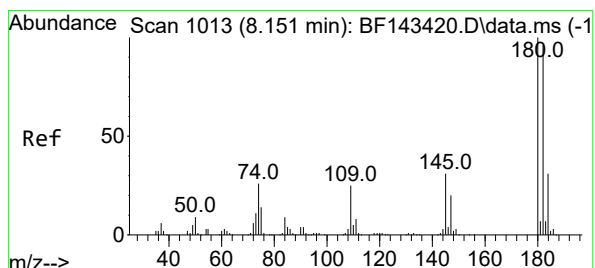
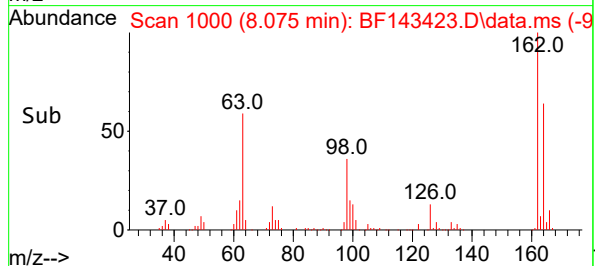
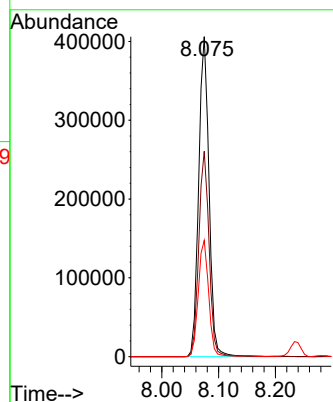
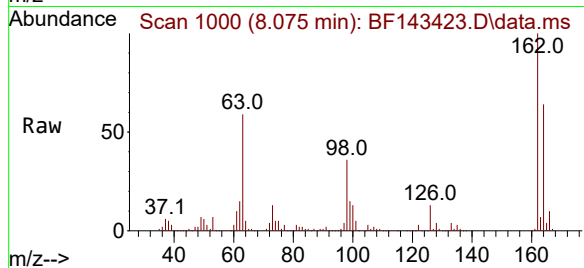
Tgt Ion:162 Resp: 516697

Ion Ratio Lower Upper

162 100

164 64.2 44.3 84.3

98 36.3 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 72.057 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

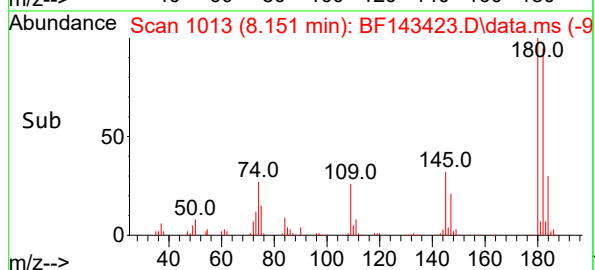
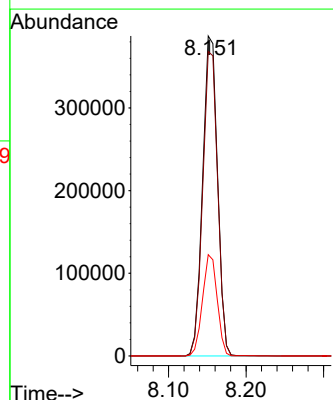
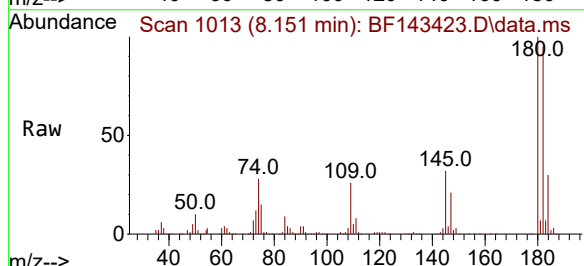
Tgt Ion:180 Resp: 516357

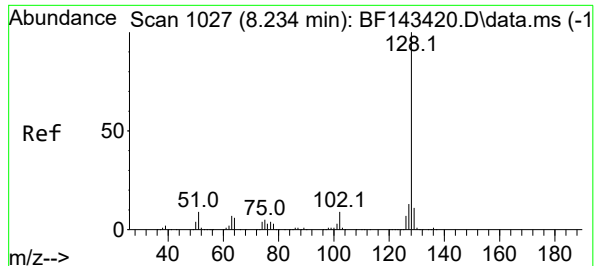
Ion Ratio Lower Upper

180 100

182 95.1 76.7 115.1

145 31.7 24.5 36.7

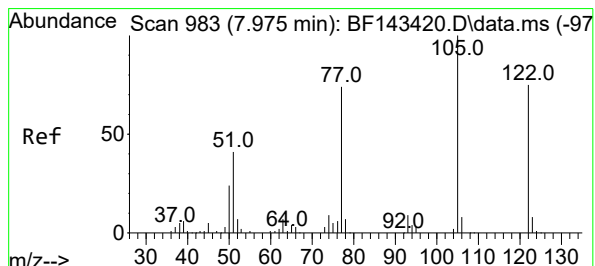
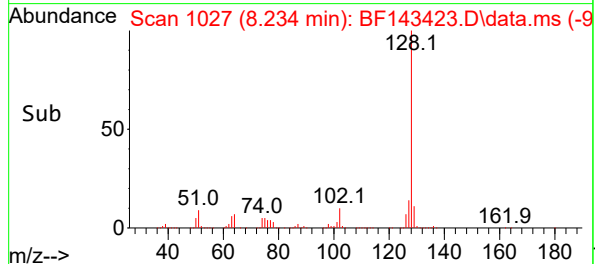
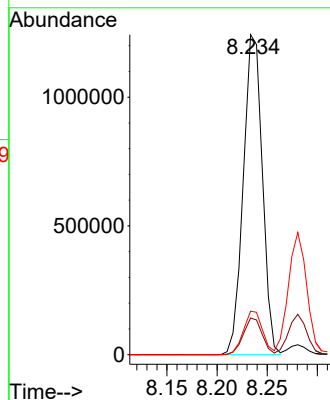
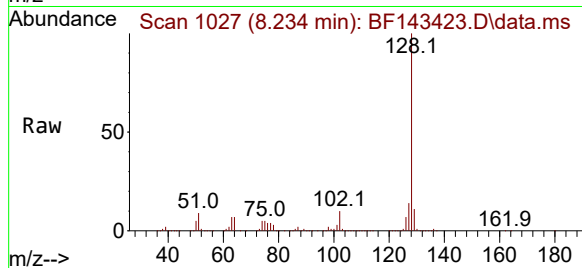




#31
Naphthalene
Concen: 69.661 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

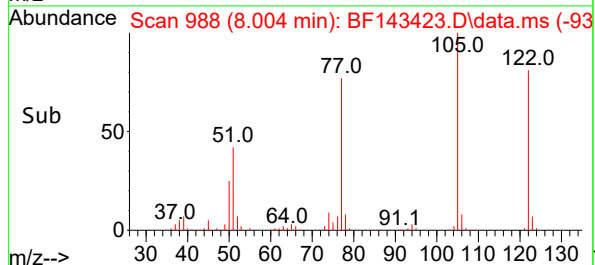
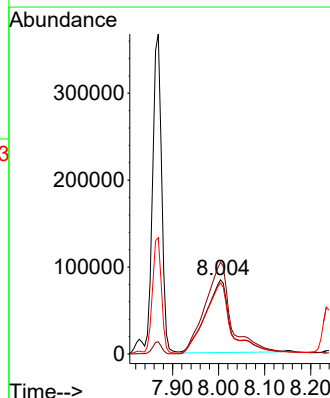
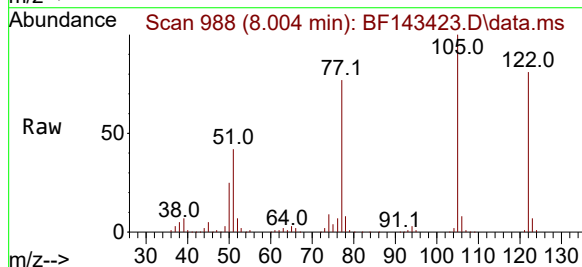
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

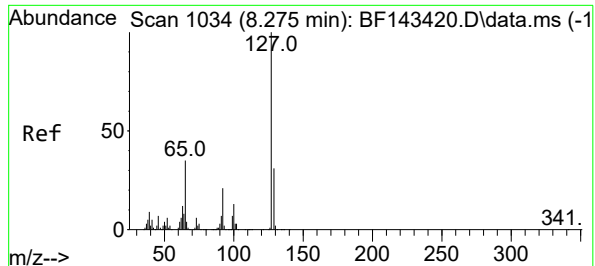
Tgt Ion:128 Resp: 1643524
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.6 10.6 16.0



#32
Benzoic acid
Concen: 90.330 ng
RT: 8.004 min Scan# 988
Delta R.T. 0.029 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Tgt Ion:122 Resp: 320776
Ion Ratio Lower Upper
122 100
105 123.9 108.4 148.4
77 95.9 75.9 115.9

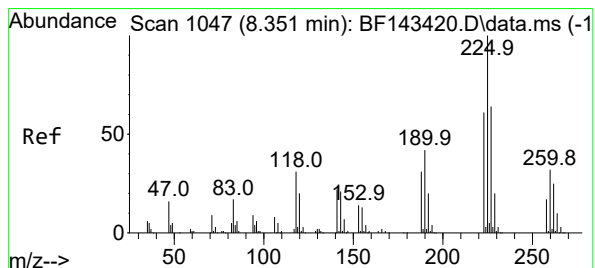
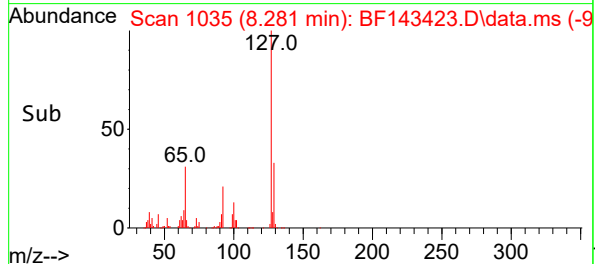
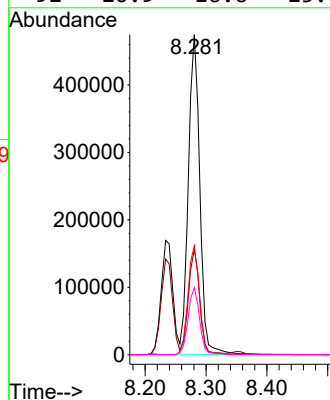
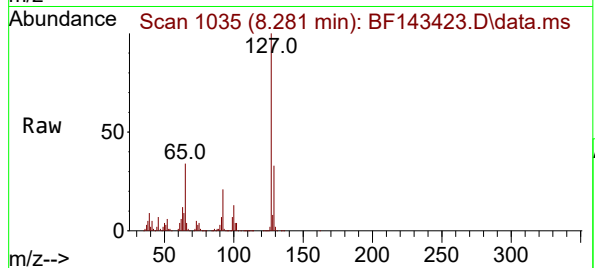




#33
4-Chloroaniline
Concen: 72.971 ng
RT: 8.281 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

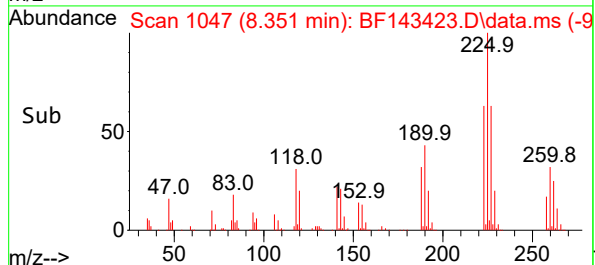
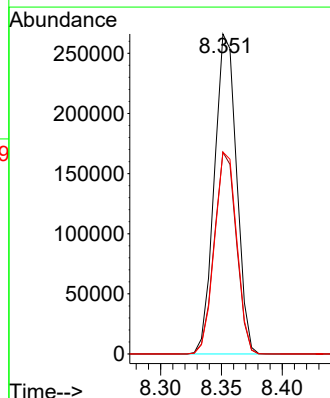
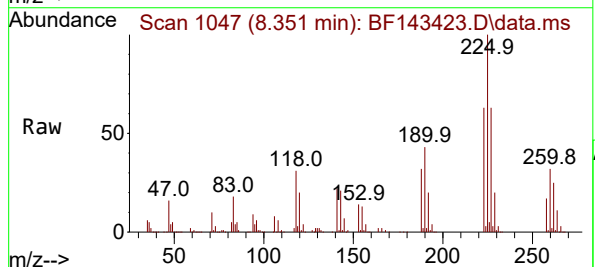
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

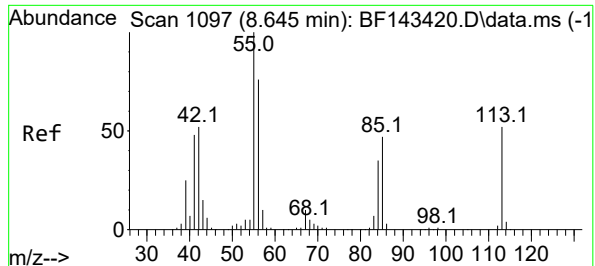
Tgt Ion:127 Resp: 621429
Ion Ratio Lower Upper
127 100
129 33.0 25.8 38.8
65 34.1 27.2 40.8
92 20.9 16.6 25.0



#34
Hexachlorobutadiene
Concen: 73.915 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Tgt Ion:225 Resp: 337758
Ion Ratio Lower Upper
225 100
223 63.1 49.0 73.6
227 63.1 51.1 76.7





#35

Caprolactam

Concen: 76.585 ng

RT: 8.669 min Scan# 1110

Delta R.T. 0.023 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

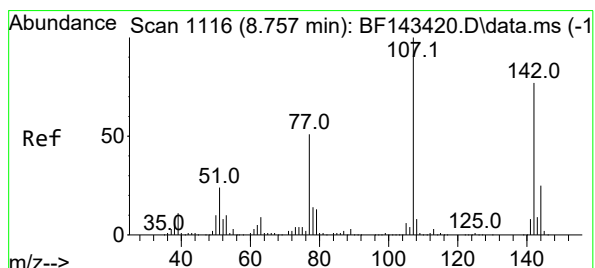
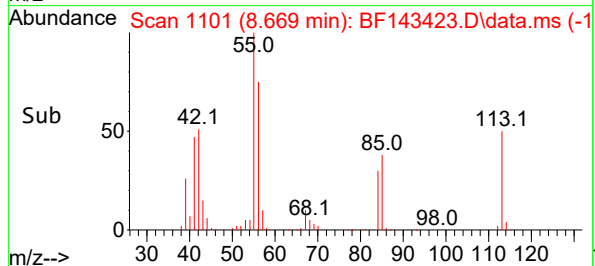
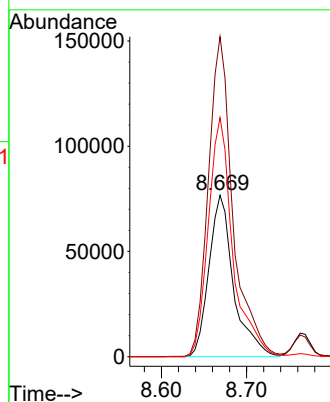
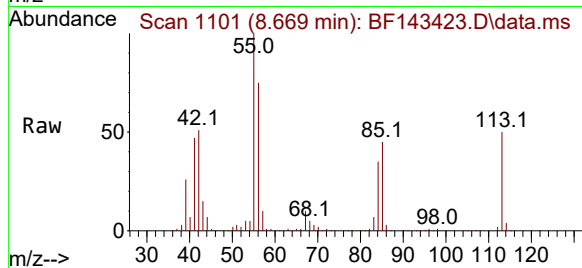
Tgt Ion:113 Resp: 154207

Ion Ratio Lower Upper

113 100

55 198.2 174.7 214.7

56 148.0 127.0 167.0



#36

4-Chloro-3-methylphenol

Concen: 73.333 ng

RT: 8.763 min Scan# 1117

Delta R.T. 0.006 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

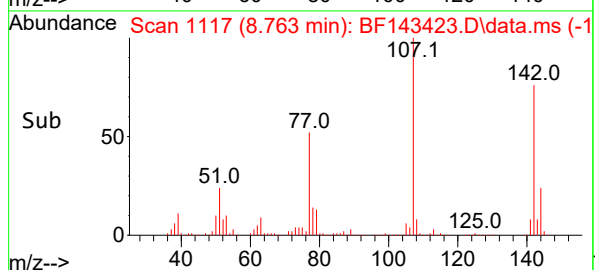
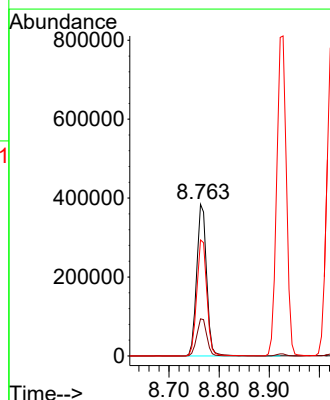
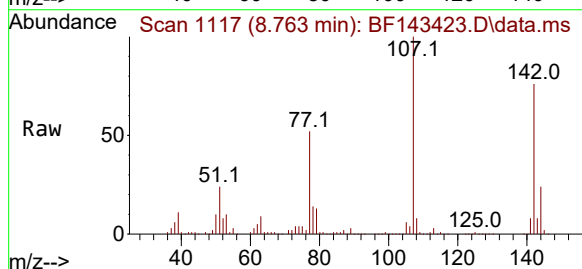
Tgt Ion:107 Resp: 528206

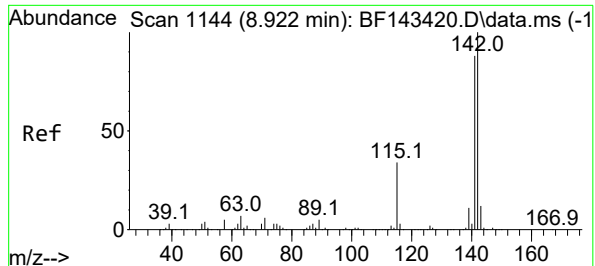
Ion Ratio Lower Upper

107 100

144 24.5 20.2 30.2

142 76.4 62.0 93.0

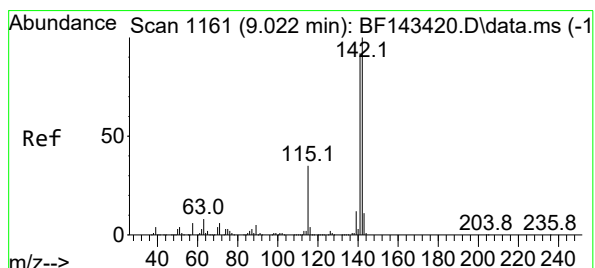
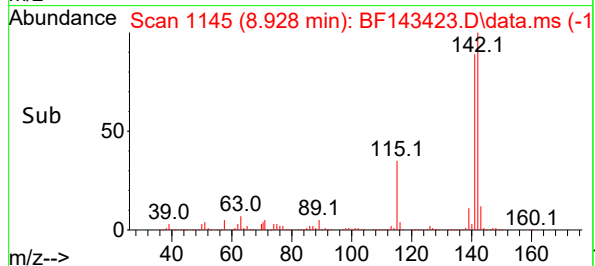
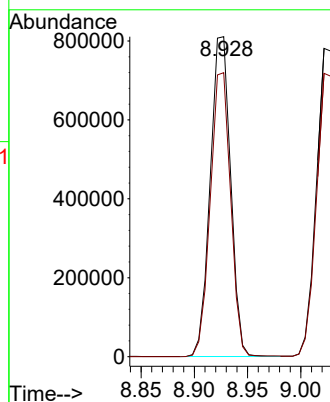
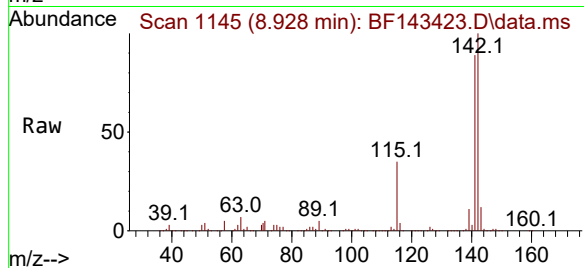




#37
2-Methylnaphthalene
Concen: 68.060 ng
RT: 8.928 min Scan# 1145
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

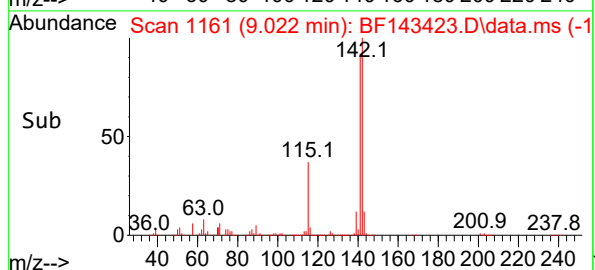
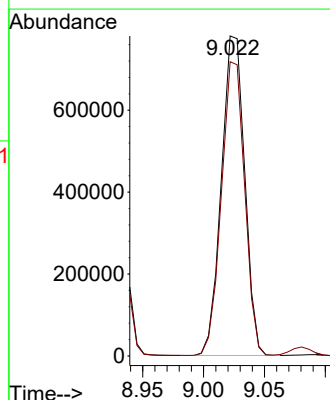
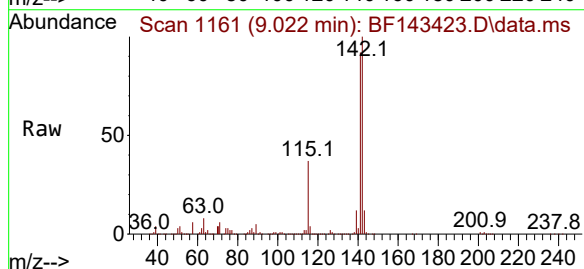
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

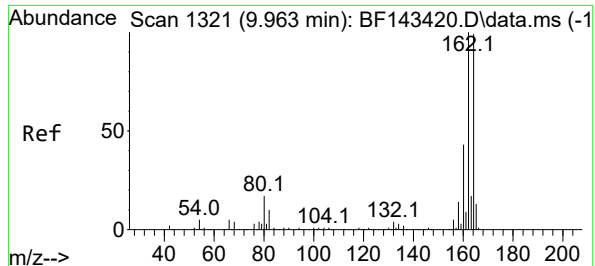
Tgt Ion:142 Resp: 1082367
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5



#38
1-Methylnaphthalene
Concen: 68.315 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Tgt Ion:142 Resp: 1040898
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

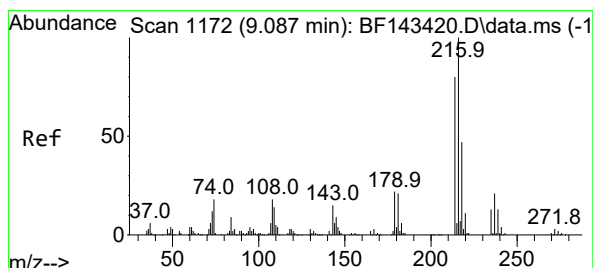
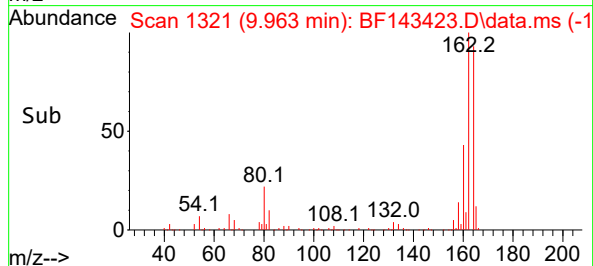
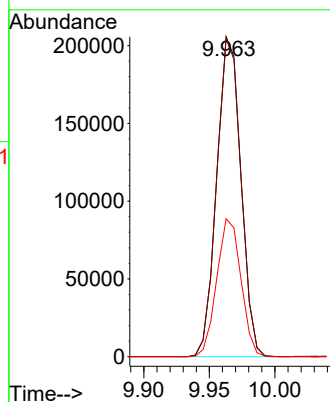
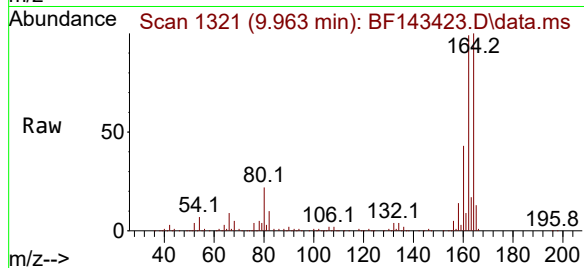
Tgt Ion:164 Resp: 263799

Ion Ratio Lower Upper

164 100

162 99.4 80.6 121.0

160 43.1 34.6 51.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 71.904 ng

RT: 9.092 min Scan# 1173

Delta R.T. 0.006 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

Tgt Ion:216 Resp: 528998

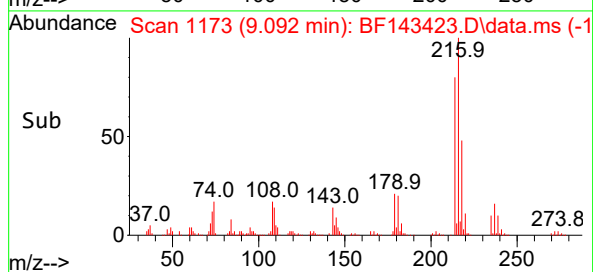
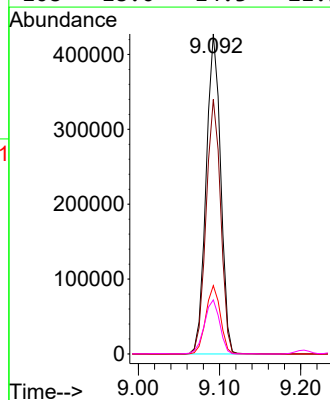
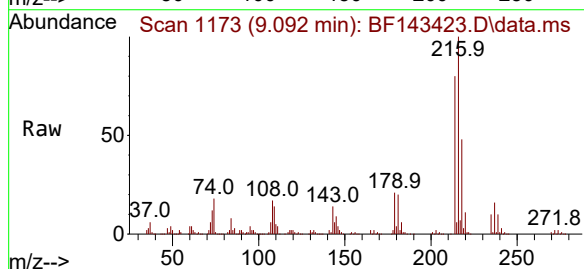
Ion Ratio Lower Upper

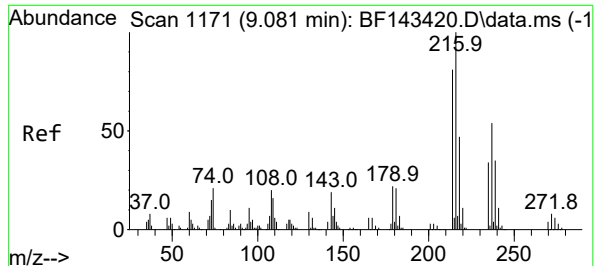
216 100

214 79.7 63.7 95.5

179 21.3 17.0 25.4

108 18.0 14.3 21.5

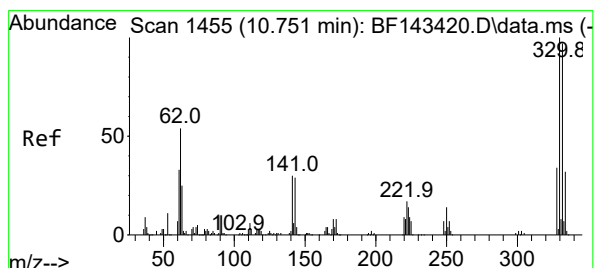
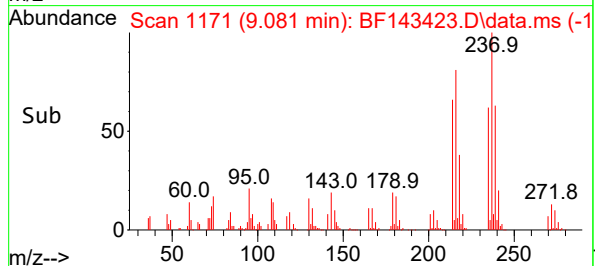
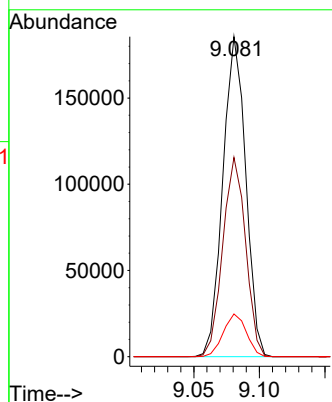
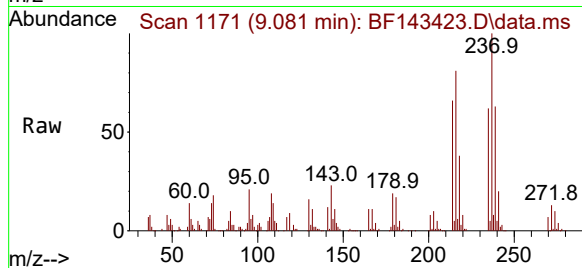




#41
Hexachlorocyclopentadiene
Concen: 83.474 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

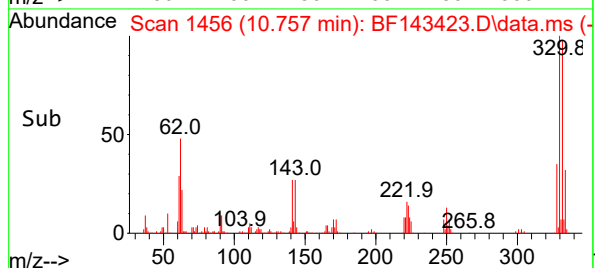
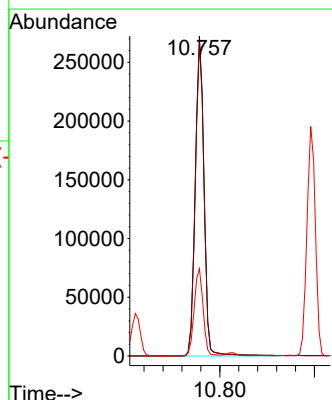
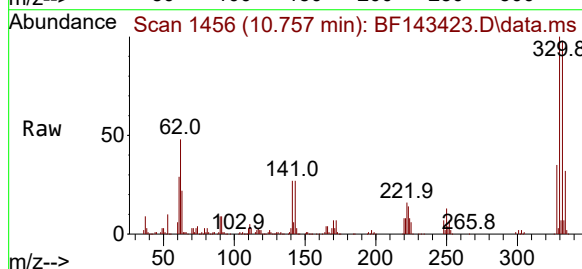
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

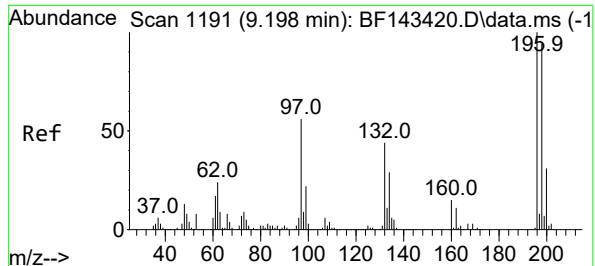
Tgt Ion:237 Resp: 224806
Ion Ratio Lower Upper
237 100
235 62.2 41.6 81.6
272 13.4 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 149.789 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Tgt Ion:330 Resp: 351705
Ion Ratio Lower Upper
330 100
332 97.9 77.4 116.2
141 27.9 24.1 36.1





#43

2,4,6-Trichlorophenol

Concen: 77.637 ng

RT: 9.204 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF143423.D

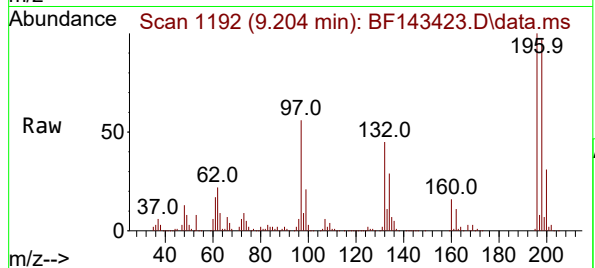
Acq: 15 Aug 2025 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



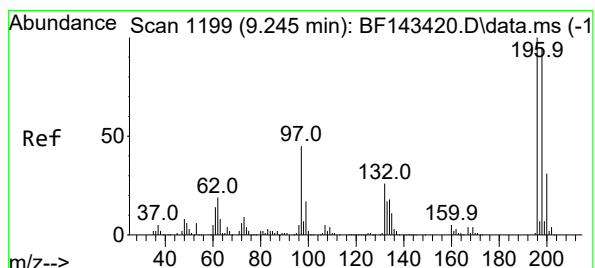
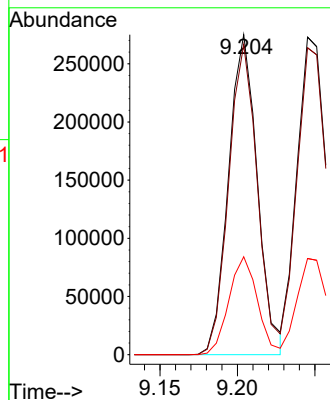
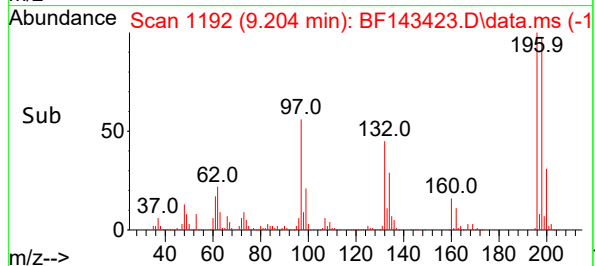
Tgt Ion:196 Resp: 356299

Ion Ratio Lower Upper

196 100

198 96.9 75.4 113.2

200 30.6 24.7 37.1



#44

2,4,5-Trichlorophenol

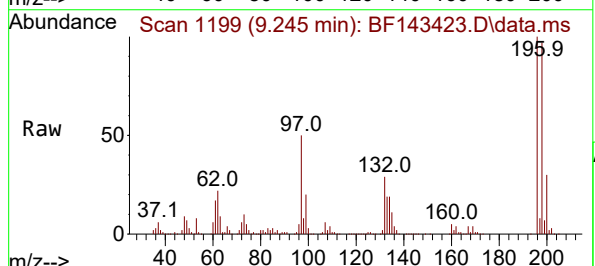
Concen: 76.189 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57



Tgt Ion:196 Resp: 374807

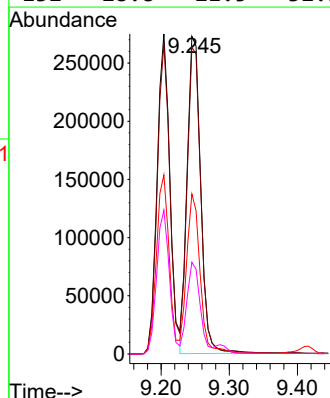
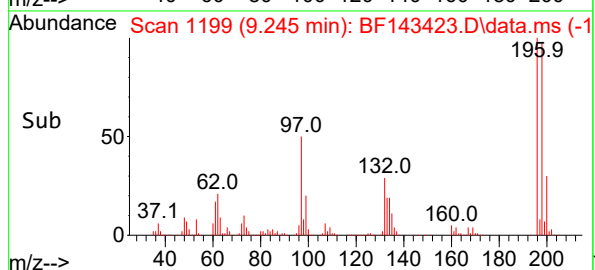
Ion Ratio Lower Upper

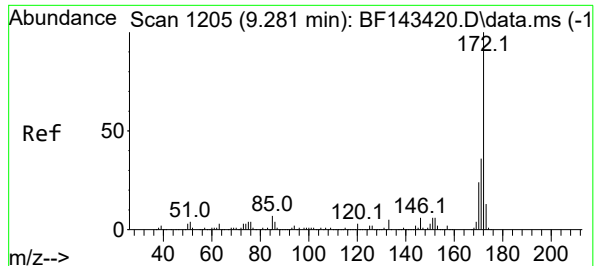
196 100

198 96.6 76.2 114.4

97 50.4 36.6 55.0

132 28.8 21.5 32.3





#45

2-Fluorobiphenyl

Concen: 129.225 ng

RT: 9.286 min Scan# 1206

Delta R.T. 0.006 min

Lab File: BF143423.D

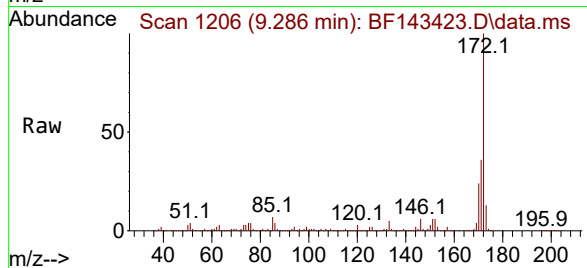
Acq: 15 Aug 2025 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



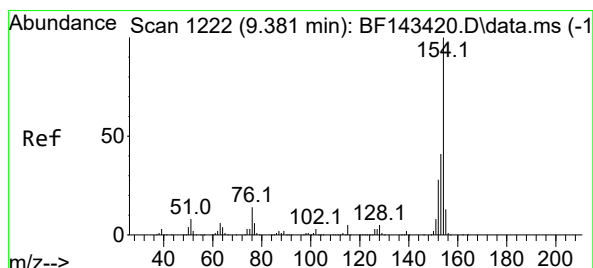
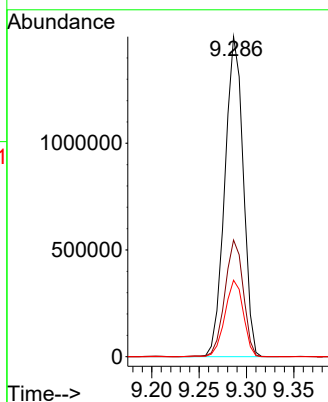
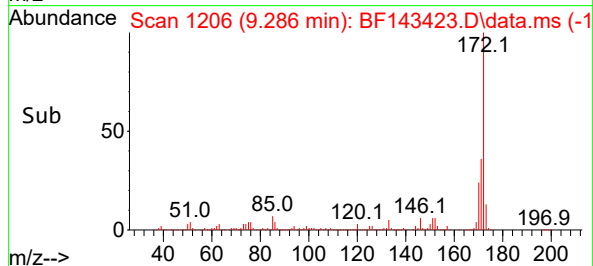
Tgt Ion:172 Resp: 2026738

Ion Ratio Lower Upper

172 100

171 36.4 28.7 43.1

170 23.9 19.0 28.6



#46

1,1'-Biphenyl

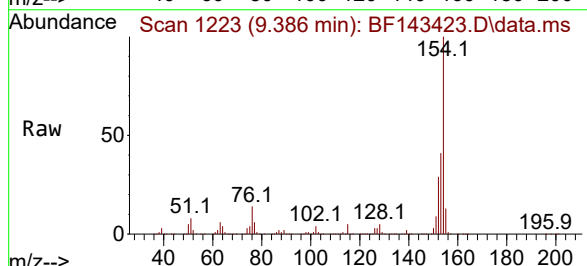
Concen: 69.497 ng

RT: 9.386 min Scan# 1223

Delta R.T. 0.006 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57



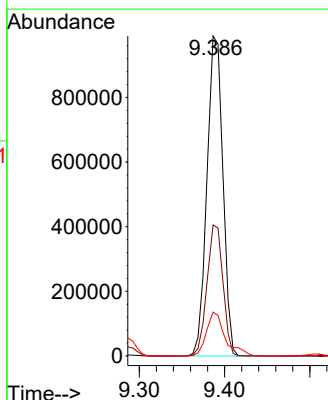
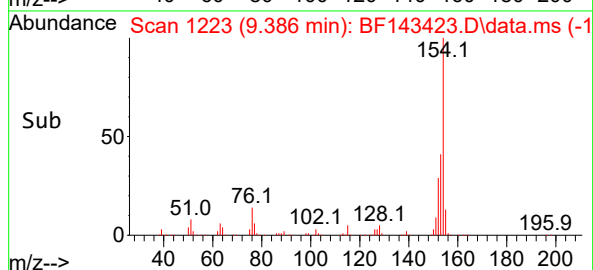
Tgt Ion:154 Resp: 1288126

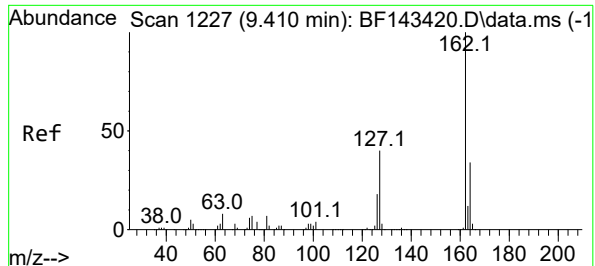
Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

76 13.7 0.0 33.8





#47

2-Chloronaphthalene

Concen: 71.212 ng

RT: 9.416 min Scan# 1227

Delta R.T. 0.006 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

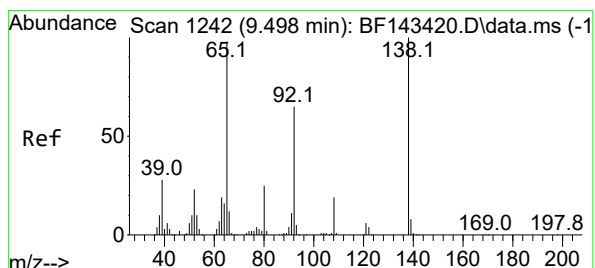
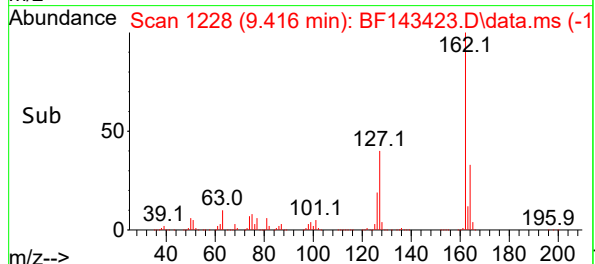
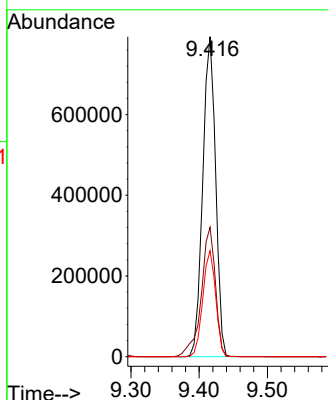
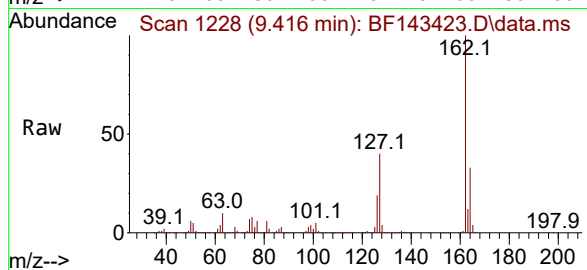
Tgt Ion:162 Resp: 1041882

Ion Ratio Lower Upper

162 100

127 40.5 32.3 48.5

164 33.1 26.9 40.3



#48

2-Nitroaniline

Concen: 78.301 ng

RT: 9.504 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

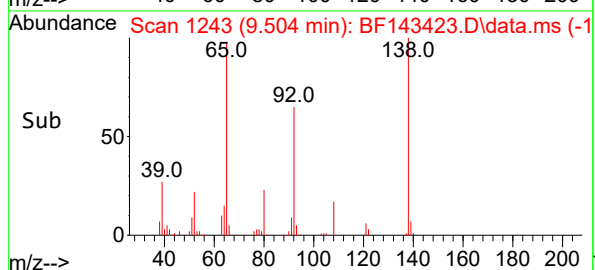
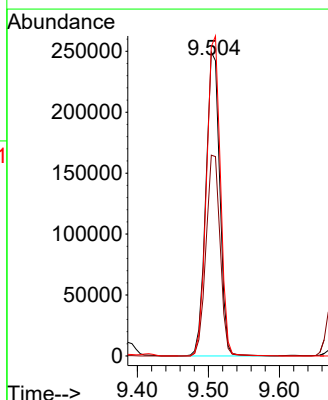
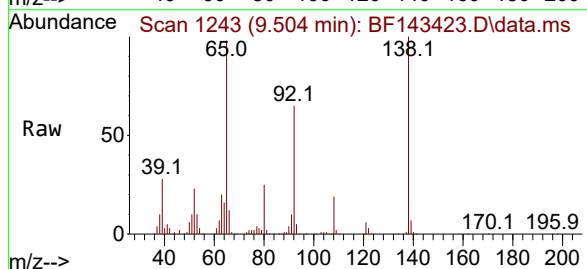
Tgt Ion: 65 Resp: 340918

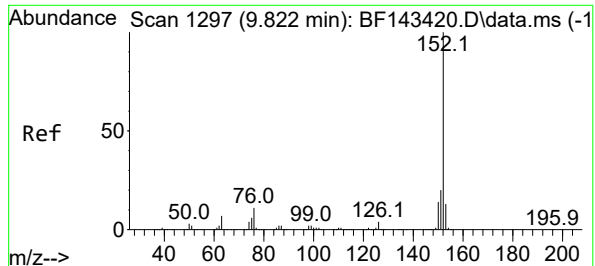
Ion Ratio Lower Upper

65 100

92 66.1 52.9 79.3

138 101.8 81.3 121.9





#49

Acenaphthylene

Concen: 70.690 ng

RT: 9.828 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

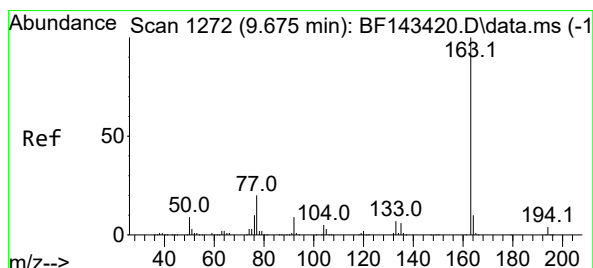
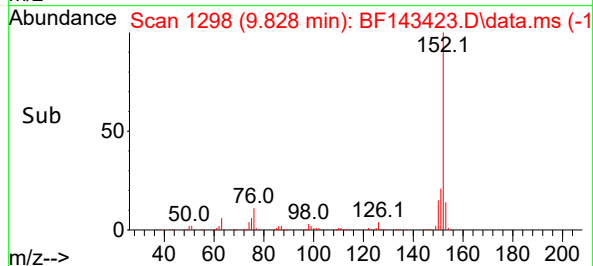
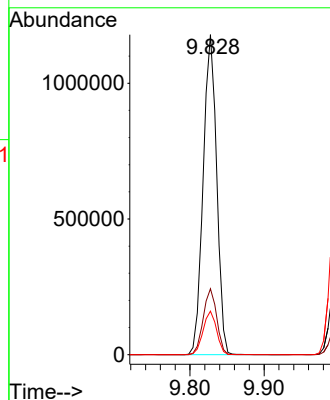
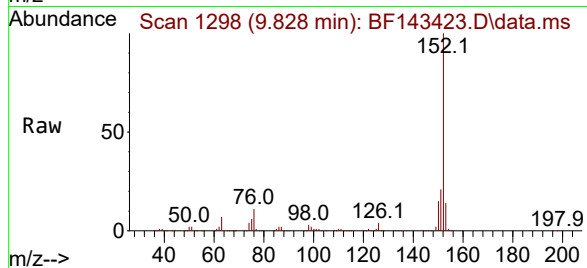
Tgt Ion:152 Resp: 1493270

Ion Ratio Lower Upper

152 100

151 20.6 16.0 24.0

153 13.6 10.8 16.2



#50

Dimethylphthalate

Concen: 72.643 ng

RT: 9.680 min Scan# 1273

Delta R.T. 0.006 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

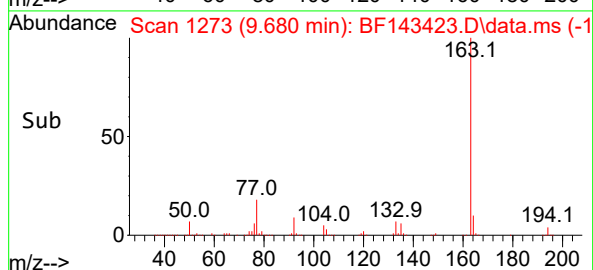
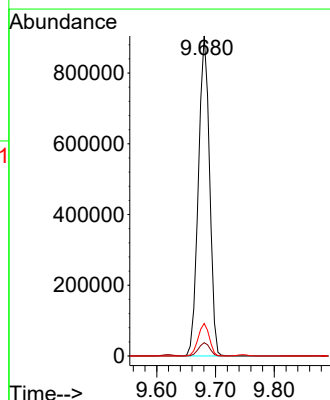
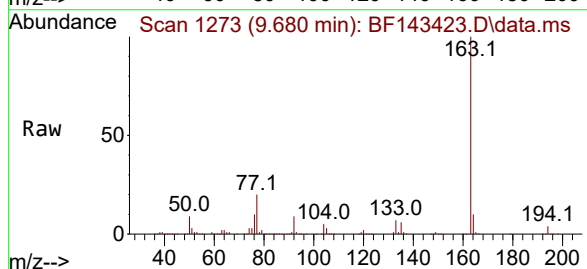
Tgt Ion:163 Resp: 1194741

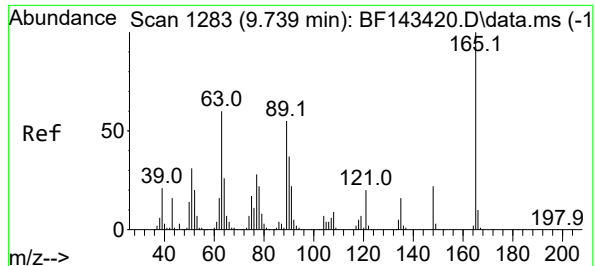
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.2 8.2 12.4

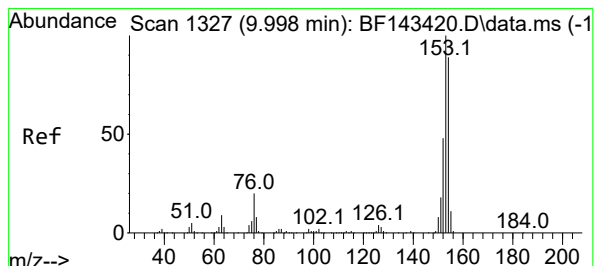
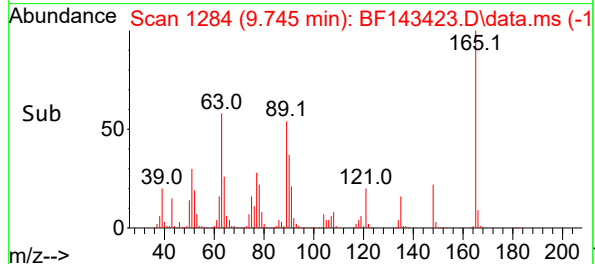
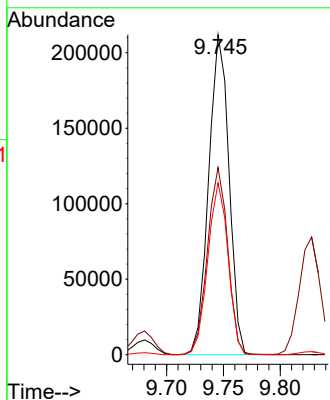
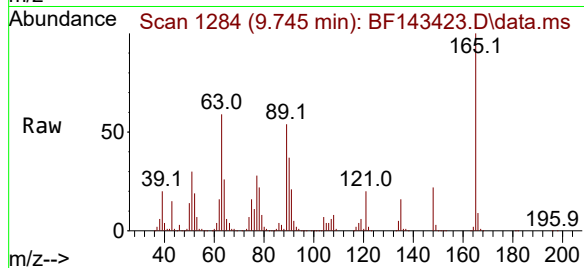




#51
2,6-Dinitrotoluene
Concen: 81.289 ng
RT: 9.745 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

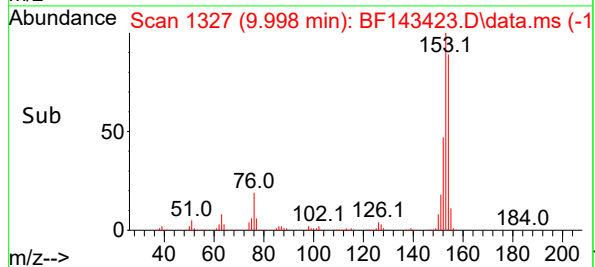
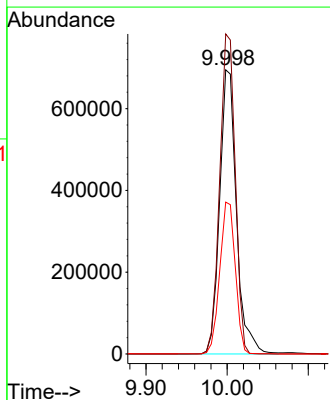
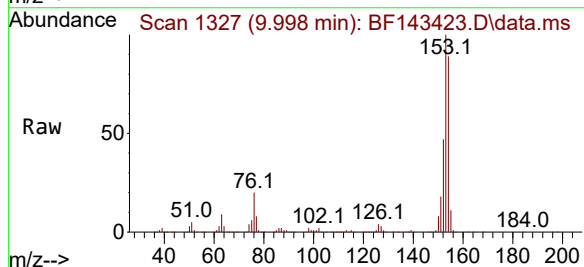
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

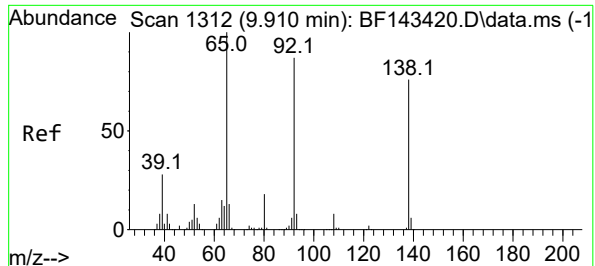
Tgt Ion:165 Resp: 263550
Ion Ratio Lower Upper
165 100
63 58.5 48.2 72.2
89 53.7 44.2 66.2



#52
Acenaphthene
Concen: 70.534 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

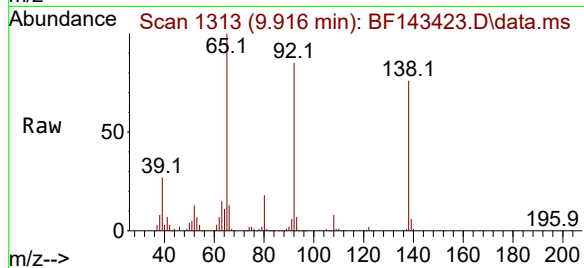
Tgt Ion:154 Resp: 1002131
Ion Ratio Lower Upper
154 100
153 112.6 89.5 134.3
152 53.5 42.6 64.0



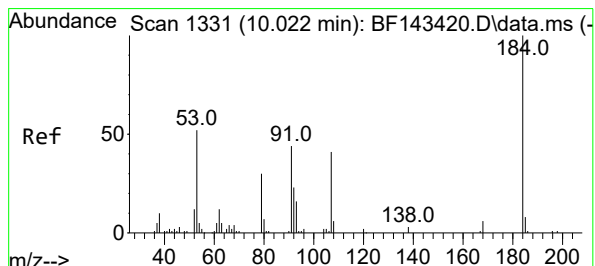
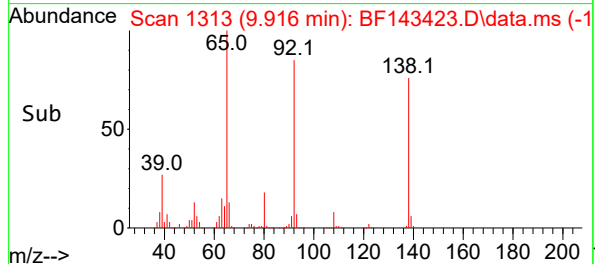
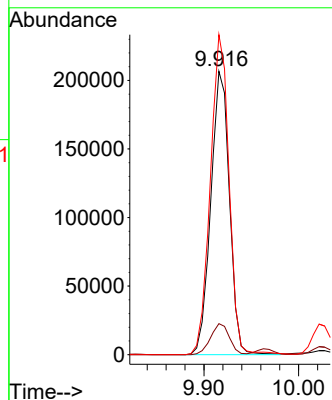


#53
3-Nitroaniline
Concen: 78.329 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

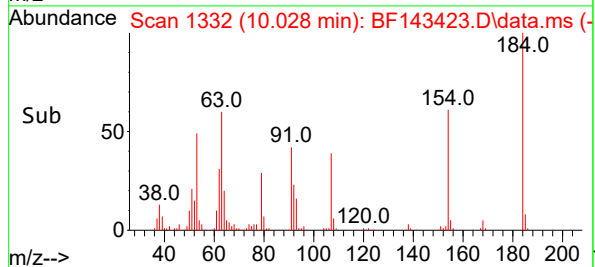
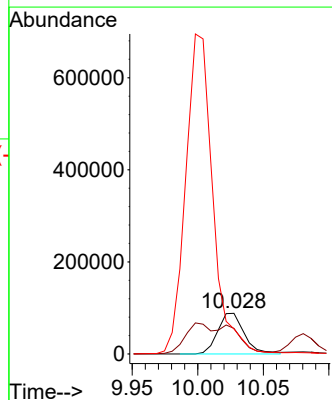
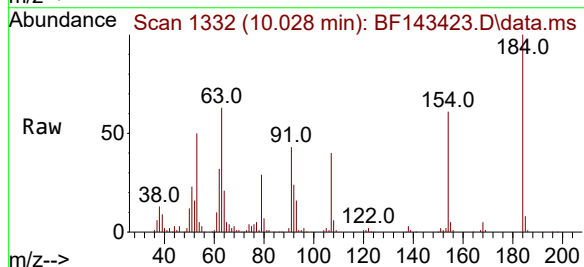


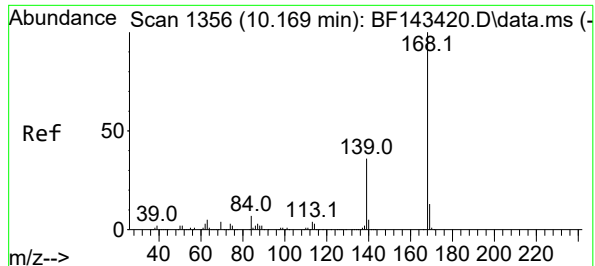
Tgt Ion:138 Resp: 282887
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 112.9 91.4 137.2



#54
2,4-Dinitrophenol
Concen: 82.478 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Tgt Ion:184 Resp: 124607
Ion Ratio Lower Upper
184 100
63 63.0 53.2 79.8
154 61.5 51.3 76.9





#55

Dibenzenofuran

Concen: 68.607 ng

RT: 10.175 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

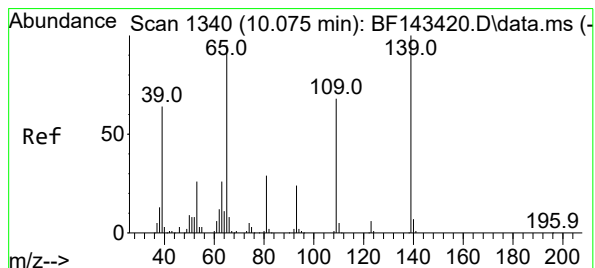
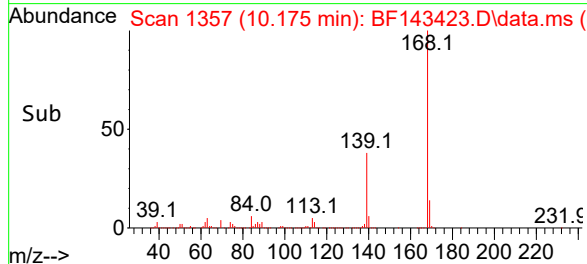
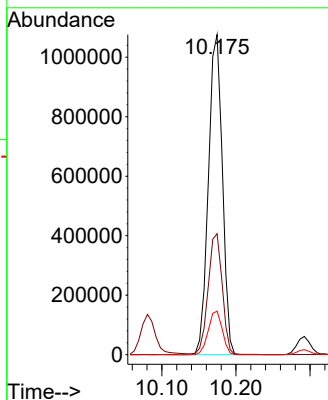
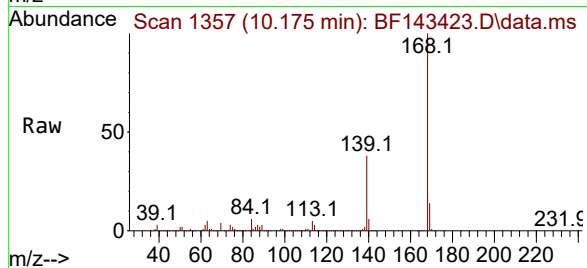
Tgt Ion:168 Resp: 1406148

Ion Ratio Lower Upper

168 100

139 37.8 29.3 43.9

169 13.6 10.8 16.2



#56

4-Nitrophenol

Concen: 83.148 ng

RT: 10.080 min Scan# 1341

Delta R.T. 0.006 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

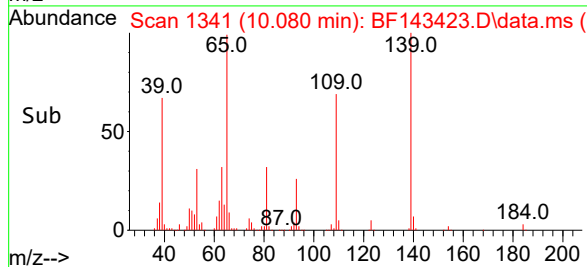
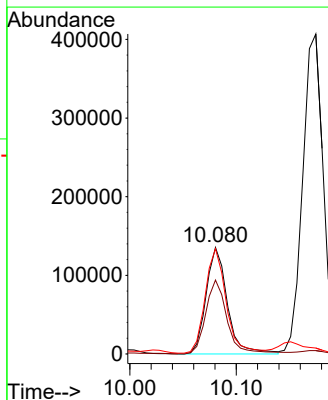
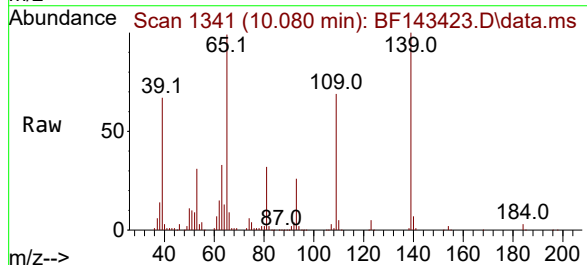
Tgt Ion:139 Resp: 188791

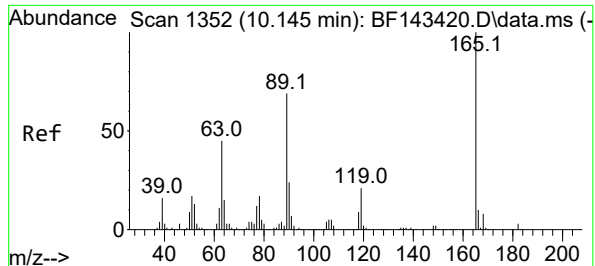
Ion Ratio Lower Upper

139 100

109 69.4 47.7 87.7

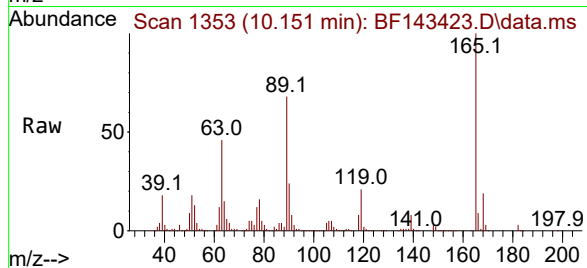
65 98.7 76.4 116.4



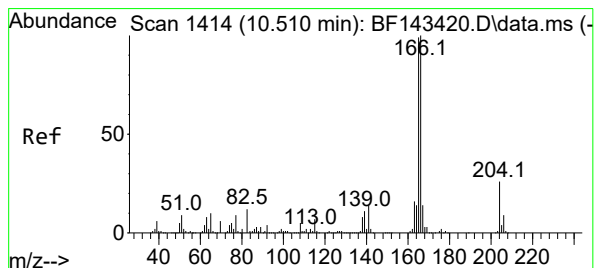
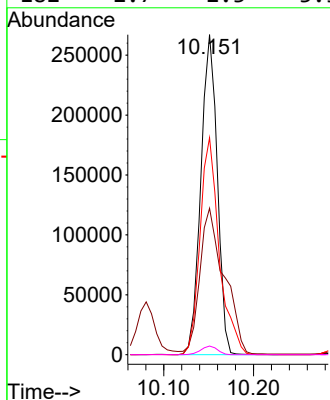
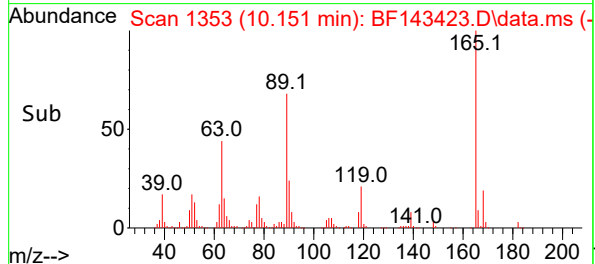


#57
2,4-Dinitrotoluene
Concen: 78.525 ng
RT: 10.151 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

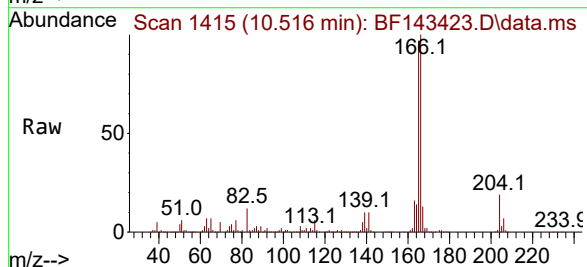
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



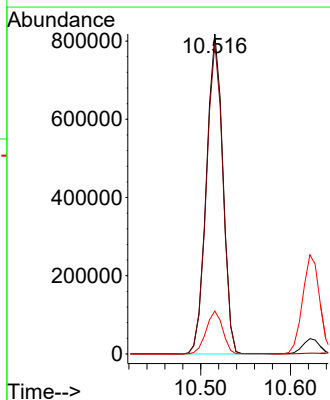
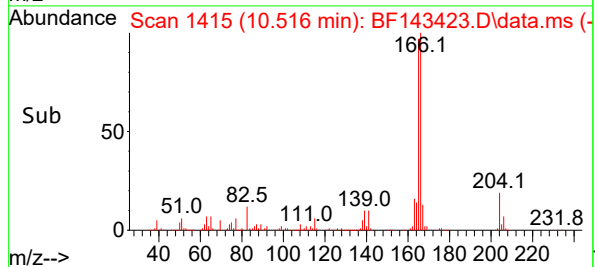
Tgt Ion:165 Resp: 339430
Ion Ratio Lower Upper
165 100
63 45.7 37.0 55.6
89 67.8 55.4 83.0
182 2.7 2.3 3.5

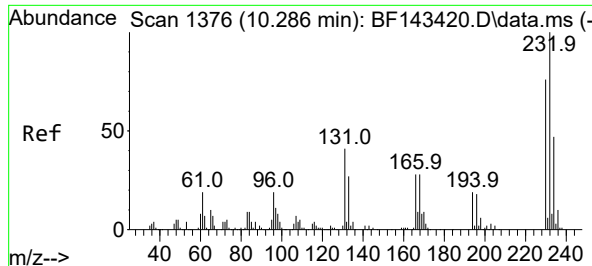


#58
Fluorene
Concen: 66.173 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57



Tgt Ion:166 Resp: 1041922
Ion Ratio Lower Upper
166 100
165 97.1 79.0 118.6
167 13.4 10.9 16.3

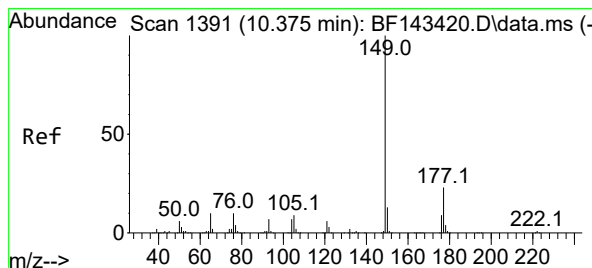
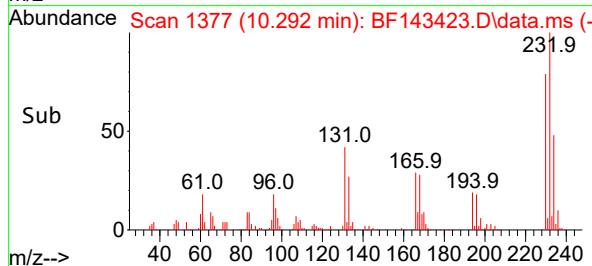
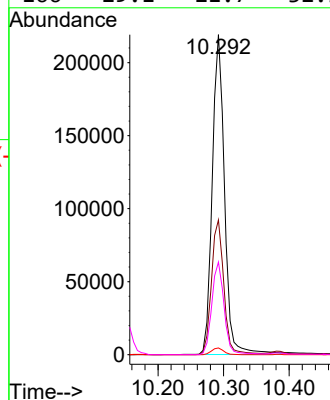
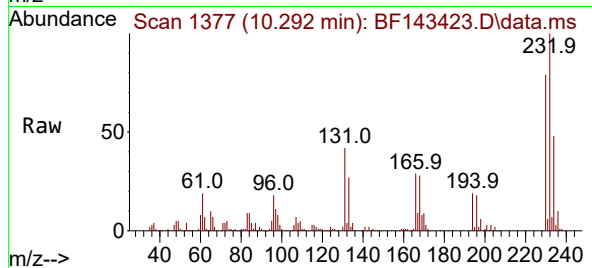




#59
2,3,4,6-Tetrachlorophenol
Concen: 76.562 ng
RT: 10.292 min Scan# 1377
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

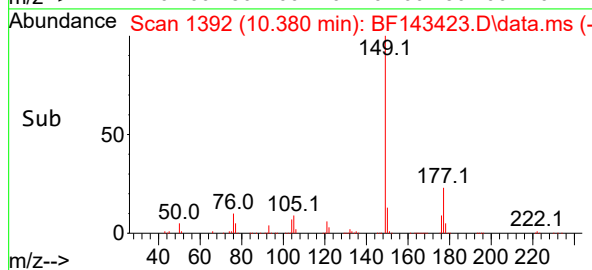
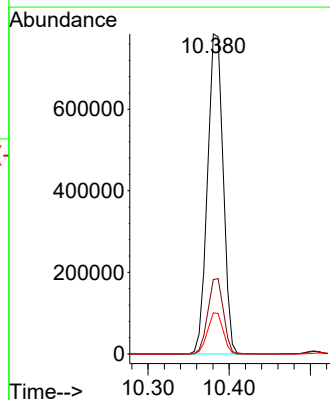
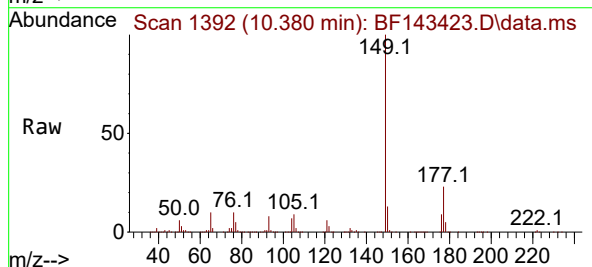
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

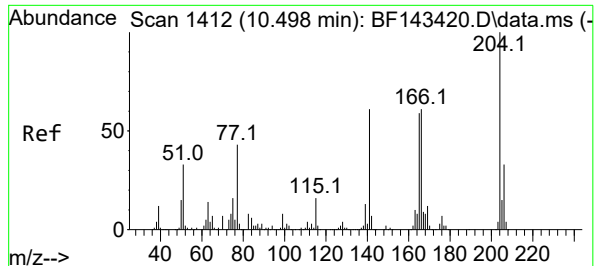
Tgt Ion:232 Resp: 285106
Ion Ratio Lower Upper
232 100
131 42.5 32.0 48.0
130 2.1 1.7 2.5
166 29.1 21.7 32.5



#60
Diethylphthalate
Concen: 68.997 ng
RT: 10.380 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Tgt Ion:149 Resp: 1048638
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.4
150 12.8 10.1 15.1

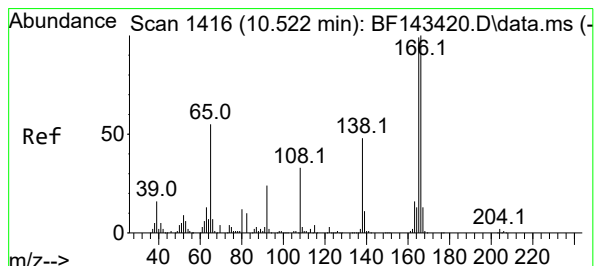
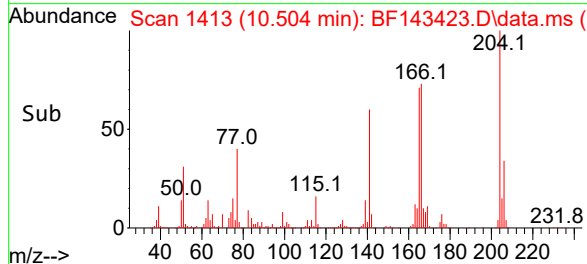
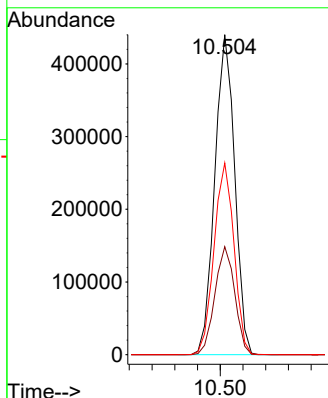
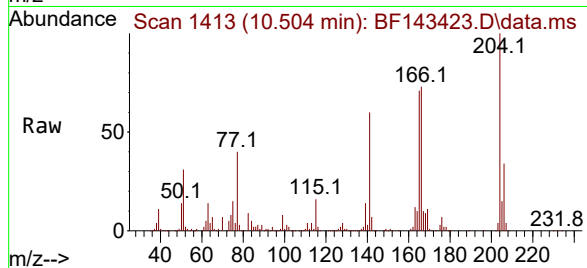




#61
4-Chlorophenyl-phenylether
Concen: 68.893 ng
RT: 10.504 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

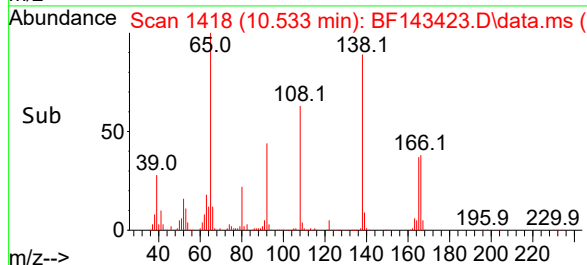
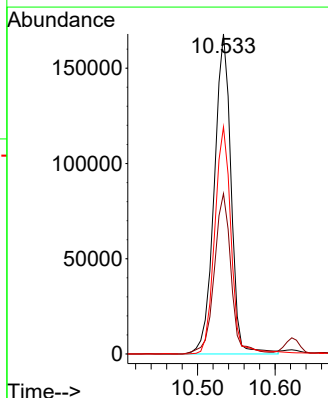
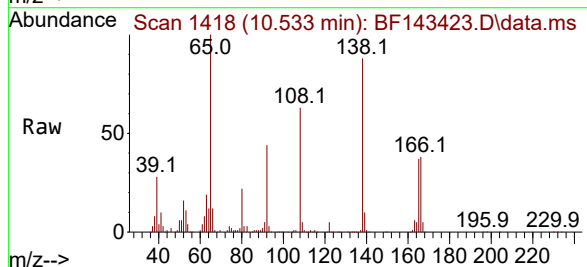
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

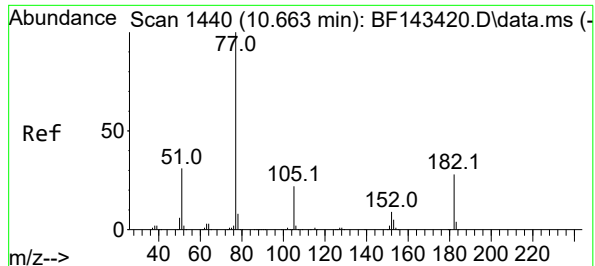
Tgt Ion:204 Resp: 536308
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 59.9 49.0 73.4



#62
4-Nitroaniline
Concen: 74.911 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.012 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Tgt Ion:138 Resp: 253013
Ion Ratio Lower Upper
138 100
92 50.1 29.4 69.4
108 70.9 48.6 88.6

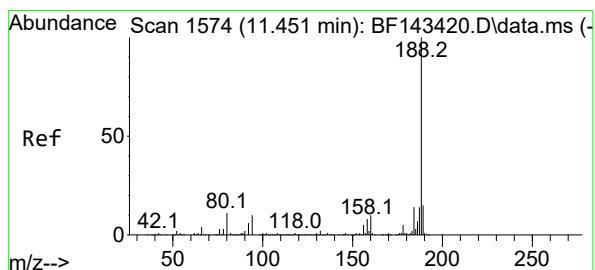
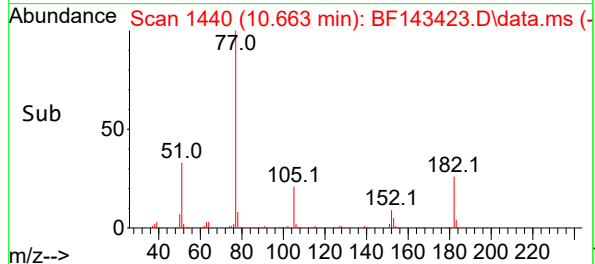
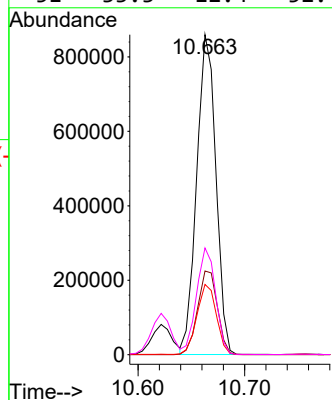
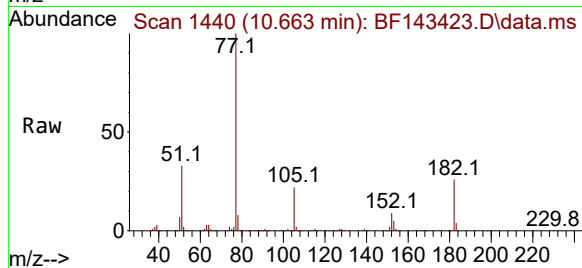




#63
Azobenzene
Concen: 70.306 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

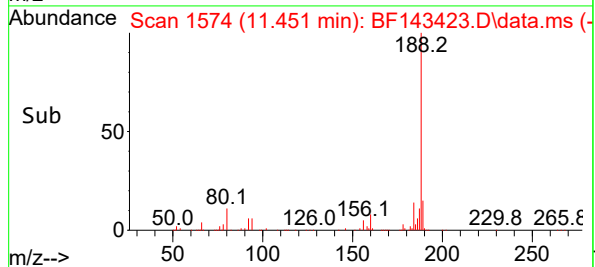
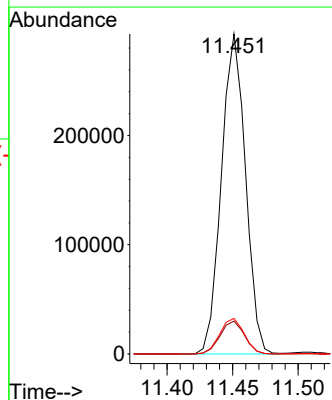
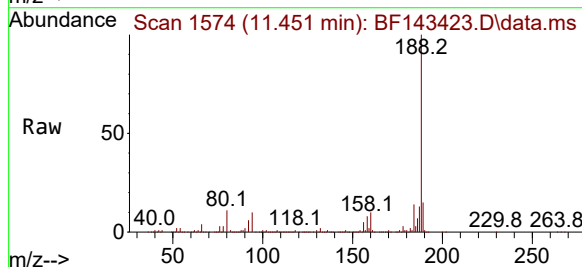
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

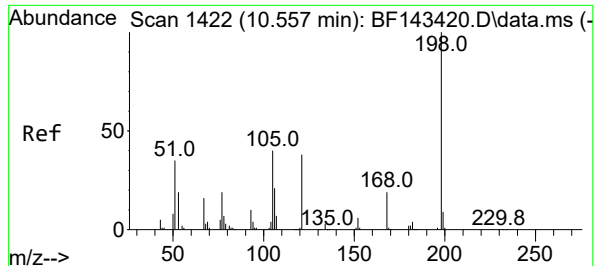
Tgt Ion: 77 Resp: 1079950
Ion Ratio Lower Upper
77 100
182 26.1 7.4 47.4
105 22.0 1.7 41.7
51 33.3 12.4 52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Tgt Ion: 188 Resp: 374109
Ion Ratio Lower Upper
188 100
94 10.3 8.0 12.0
80 11.1 8.6 12.8

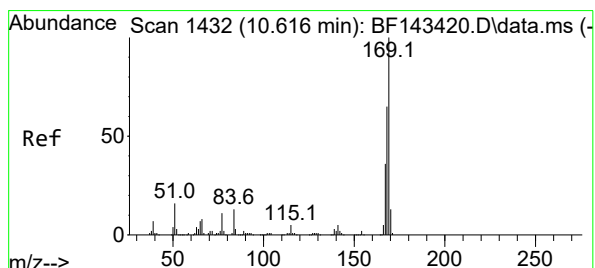
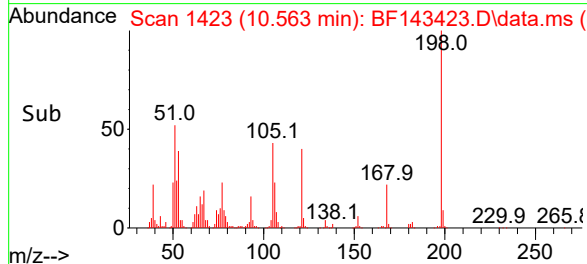
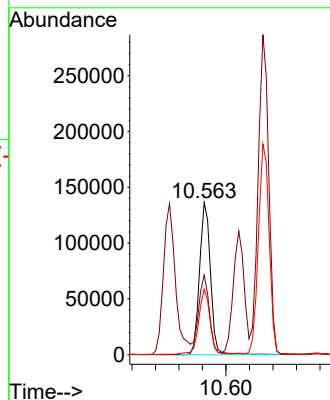
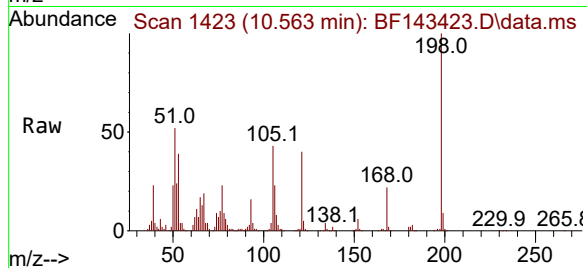




#65
4,6-Dinitro-2-methylphenol
Concen: 91.491 ng
RT: 10.563 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

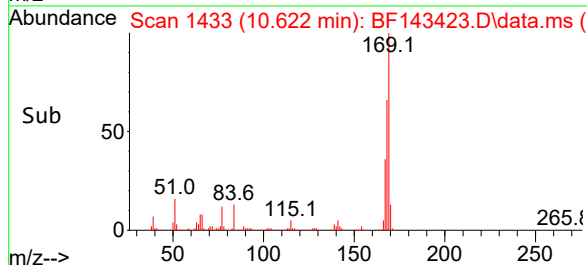
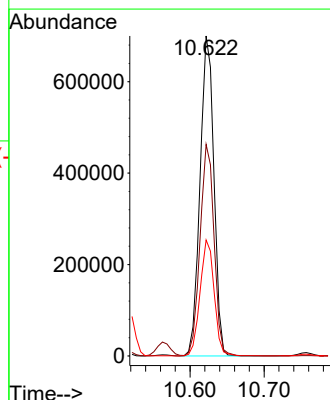
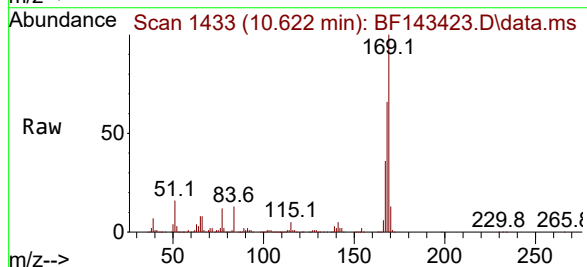
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

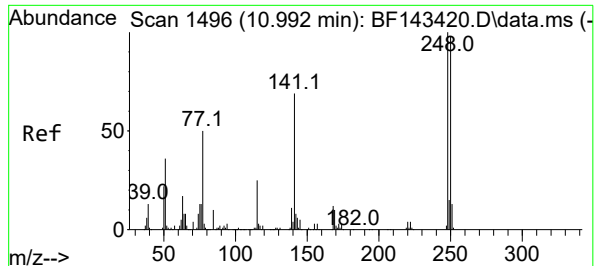
Tgt Ion:198 Resp: 176602
Ion Ratio Lower Upper
198 100
51 52.2 31.2 71.2
105 43.1 21.7 61.7



#66
n-Nitrosodiphenylamine
Concen: 74.898 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Tgt Ion:169 Resp: 911081
Ion Ratio Lower Upper
169 100
168 66.1 52.5 78.7
167 36.2 28.6 42.8

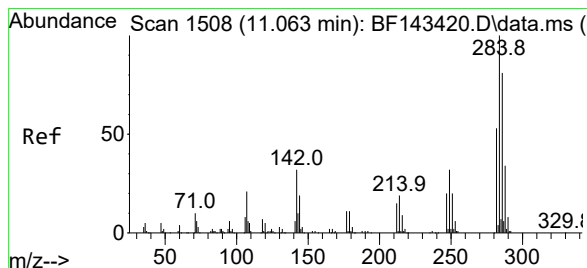
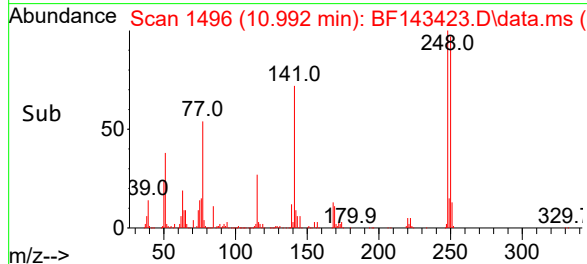
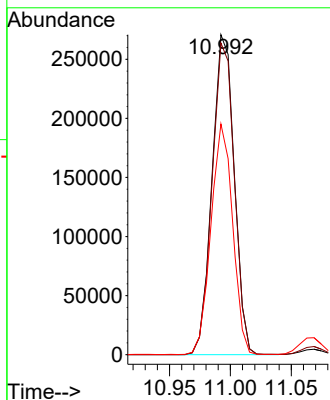
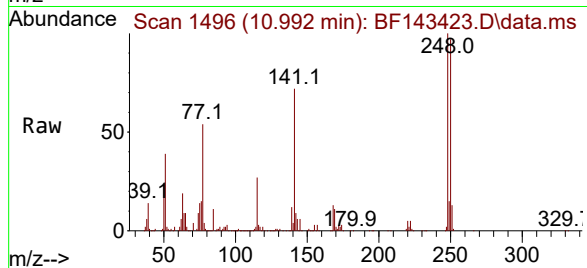




#67
4-Bromophenyl-phenylether
Concen: 77.781 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

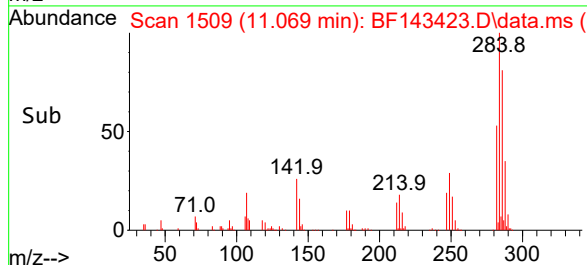
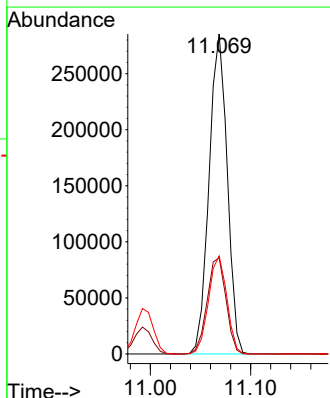
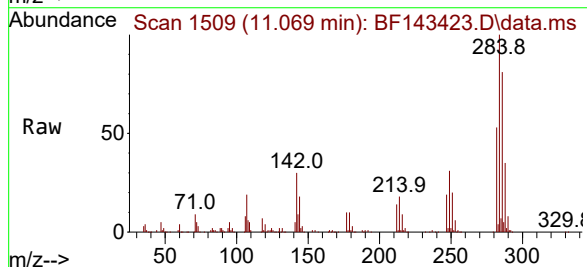
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

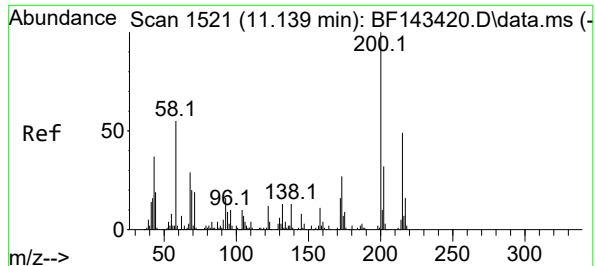
Tgt Ion:248 Resp: 343614
Ion Ratio Lower Upper
248 100
250 97.4 78.6 118.0
141 72.1 54.9 82.3



#68
Hexachlorobenzene
Concen: 76.486 ng
RT: 11.069 min Scan# 1509
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Tgt Ion:284 Resp: 359214
Ion Ratio Lower Upper
284 100
142 30.0 25.4 38.2
249 30.7 25.4 38.0

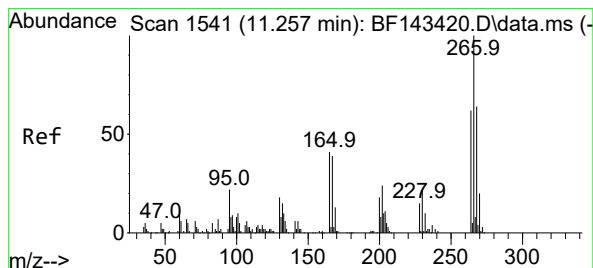
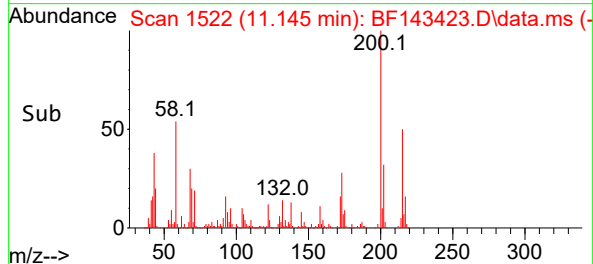
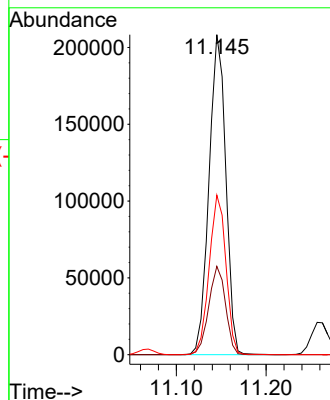
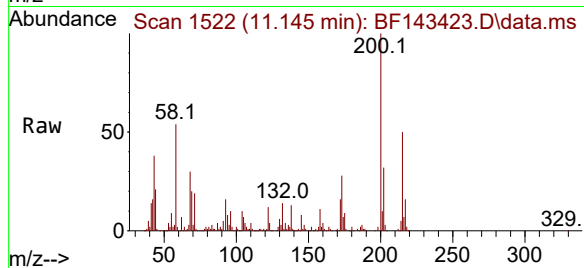




#69
Atrazine
Concen: 76.013 ng
RT: 11.145 min Scan# 1521
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

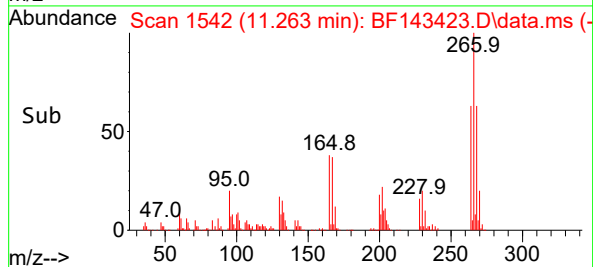
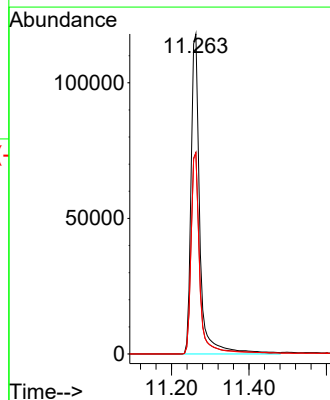
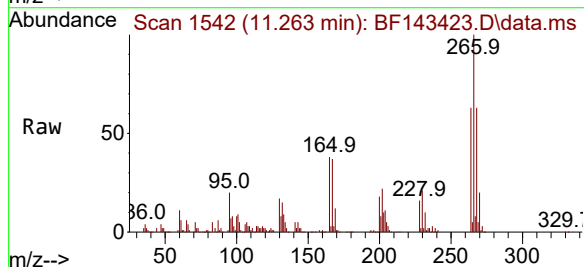
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

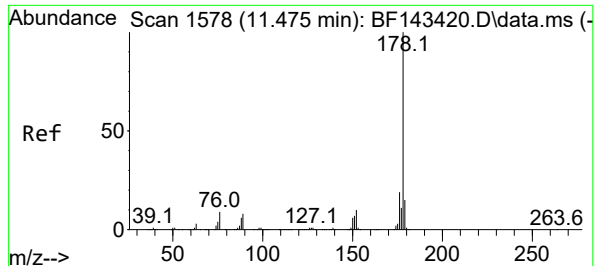
Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.6	46.6
215	49.8	29.5	69.5



#70
Pentachlorophenol
Concen: 89.429 ng
RT: 11.263 min Scan# 1542
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.0	76.6
264	62.7	49.3	73.9

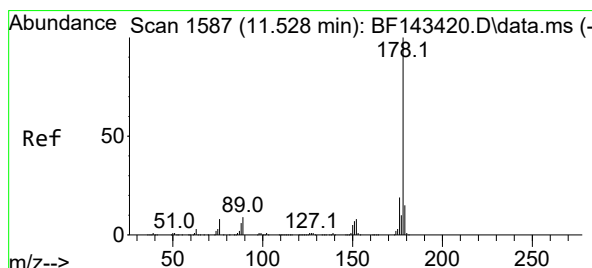
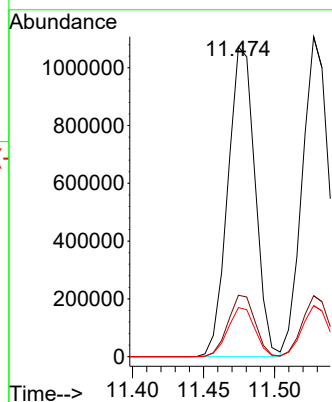
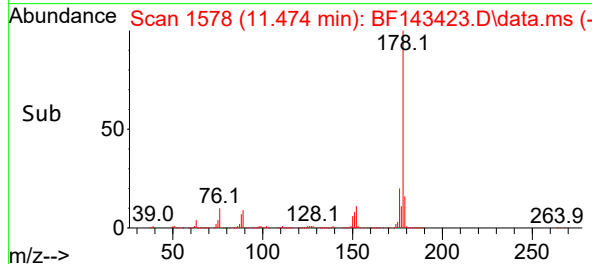
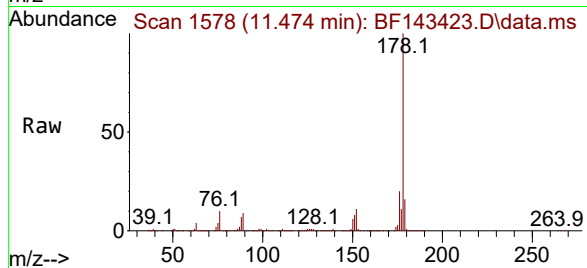




#71
Phenanthrene
Concen: 70.524 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

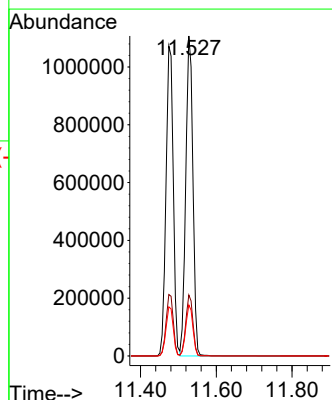
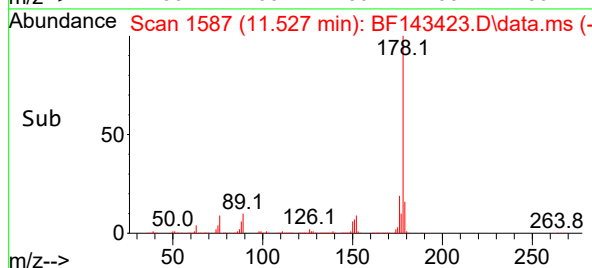
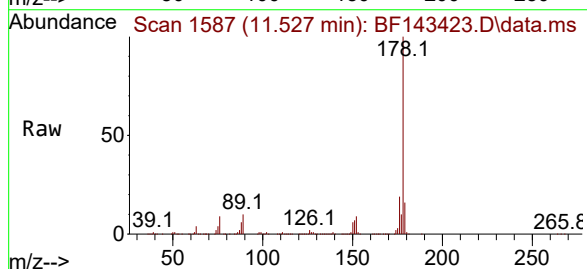
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

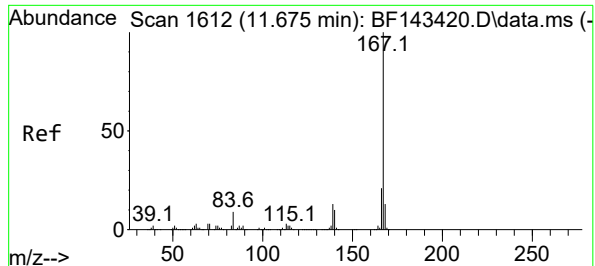
Tgt Ion:178 Resp: 1428719
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.0
179 15.8 12.3 18.5



#72
Anthracene
Concen: 70.354 ng
RT: 11.527 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Tgt Ion:178 Resp: 1439557
Ion Ratio Lower Upper
178 100
176 19.1 14.8 22.2
179 16.0 12.2 18.4

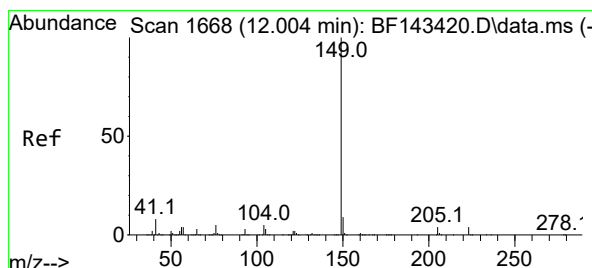
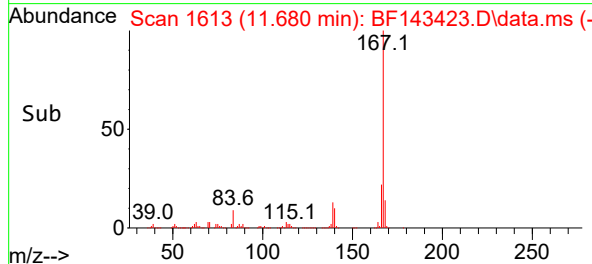
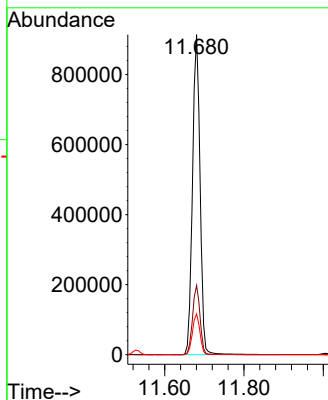
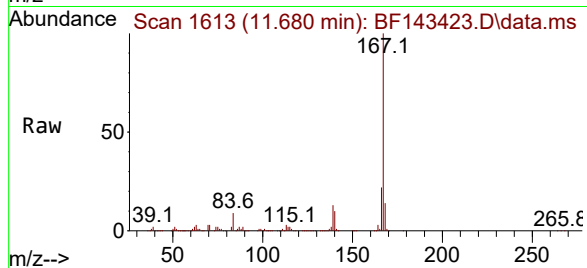




#73
Carbazole
Concen: 69.780 ng
RT: 11.680 min Scan# 1612
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

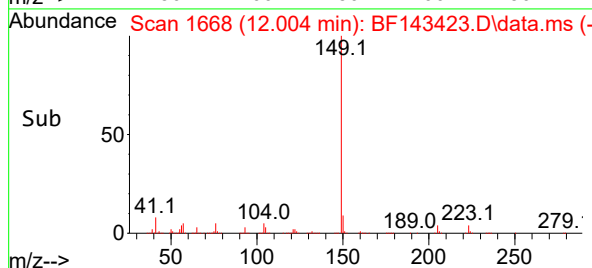
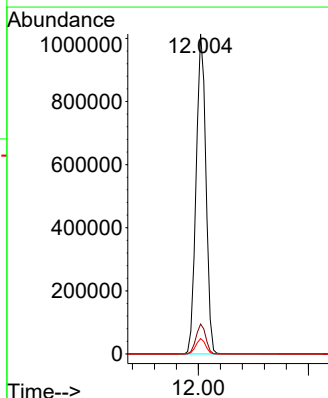
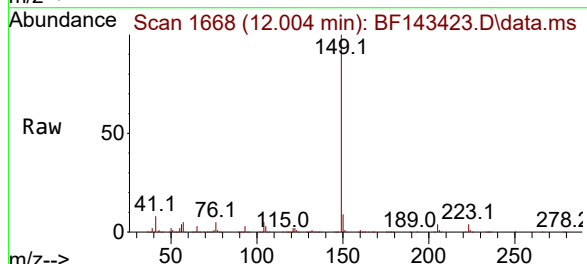
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

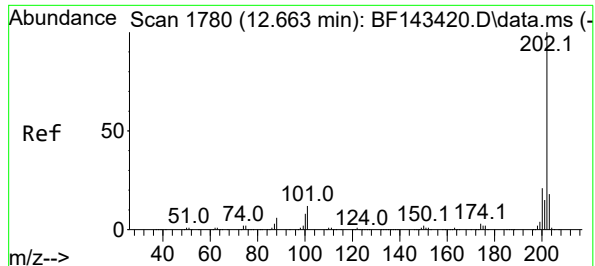
Tgt Ion:167 Resp: 1207594
Ion Ratio Lower Upper
167 100
166 21.7 17.2 25.8
139 12.8 10.1 15.1



#74
Di-n-butylphthalate
Concen: 72.721 ng
RT: 12.004 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Tgt Ion:149 Resp: 1253224
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 4.8 3.8 5.6

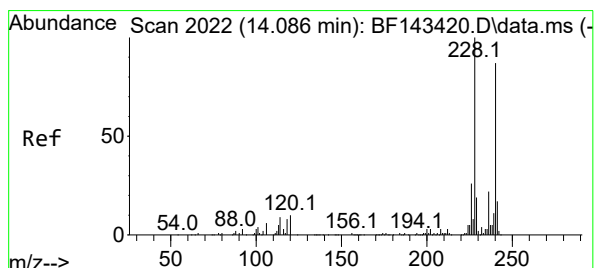
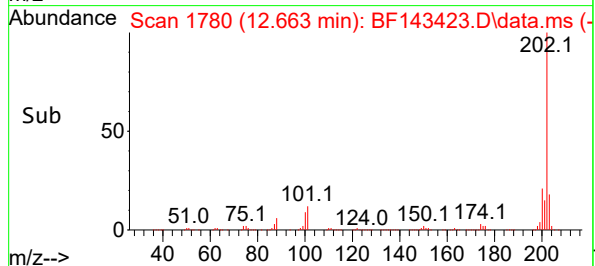
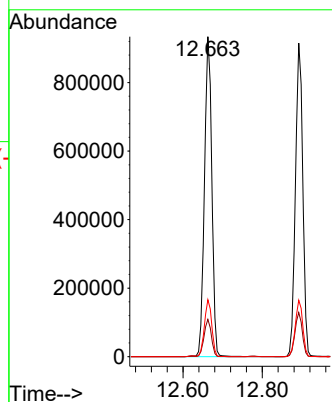
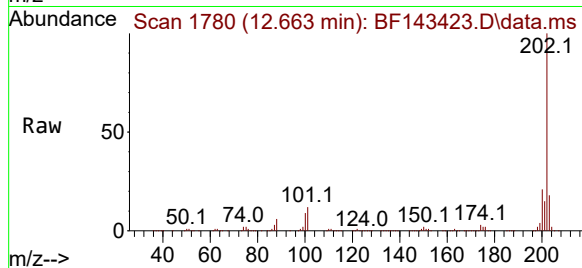




#75
Fluoranthene
Concen: 67.060 ng
RT: 12.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

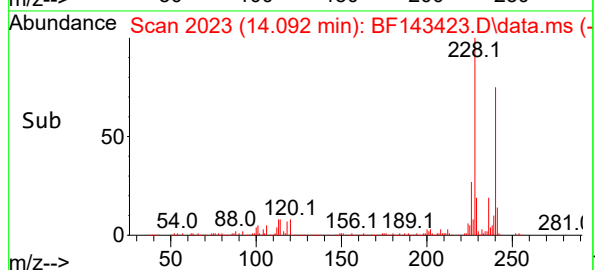
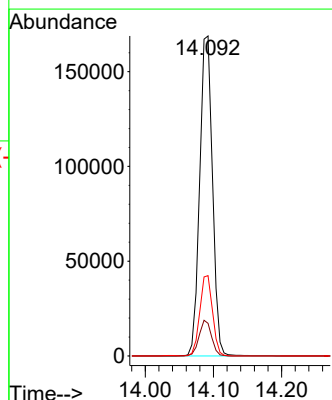
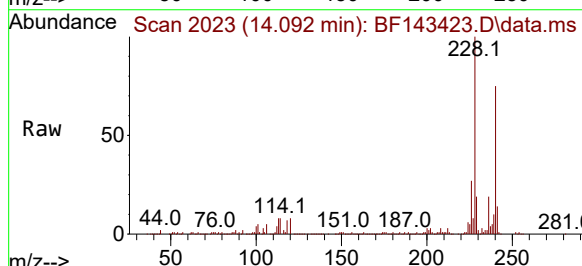
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

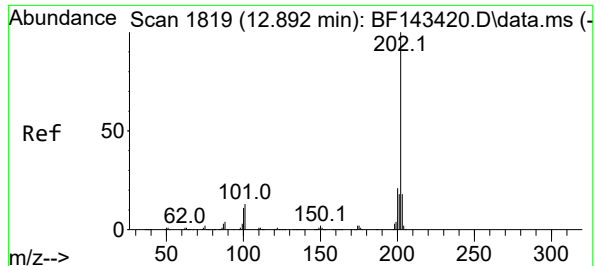
Tgt Ion:202 Resp: 1207144
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.5
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Tgt Ion:240 Resp: 220524
Ion Ratio Lower Upper
240 100
120 10.2 9.0 13.4
236 25.1 20.2 30.2

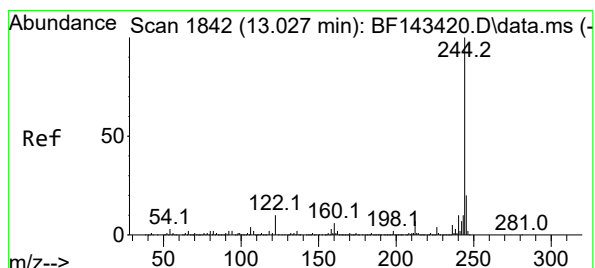
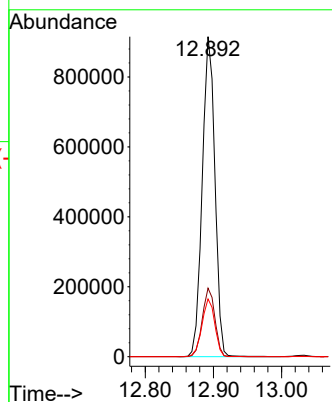
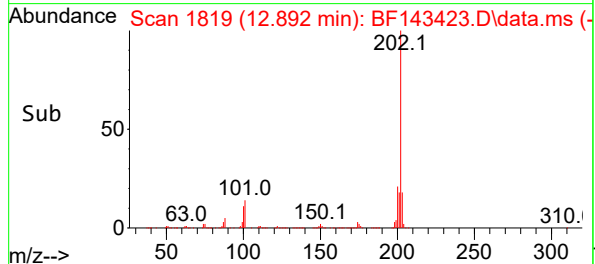
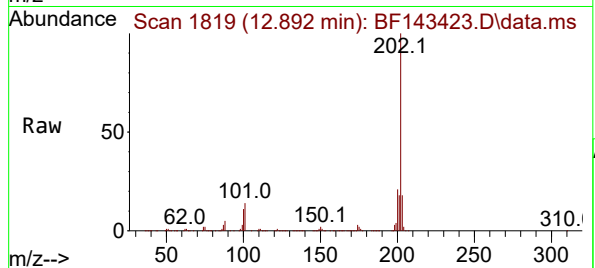




#78
Pyrene
Concen: 61.635 ng
RT: 12.892 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

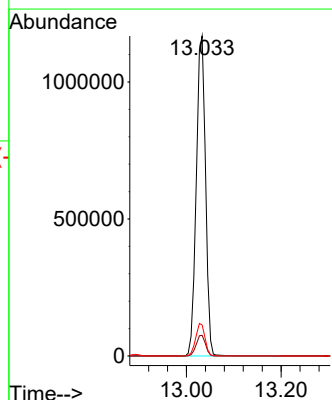
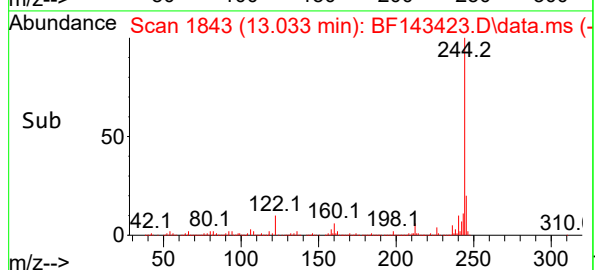
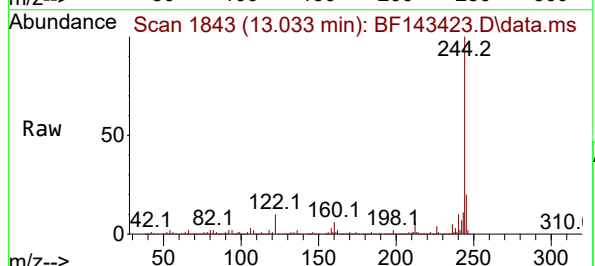
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

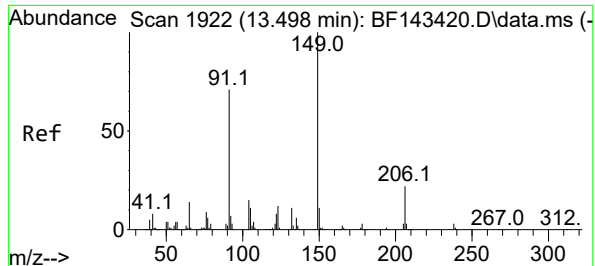
Tgt Ion:202 Resp: 1181381
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 18.0 14.2 21.2



#79
Terphenyl-d14
Concen: 120.873 ng
RT: 13.033 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Tgt Ion:244 Resp: 1586760
Ion Ratio Lower Upper
244 100
212 6.5 5.2 7.8
122 9.7 8.3 12.5

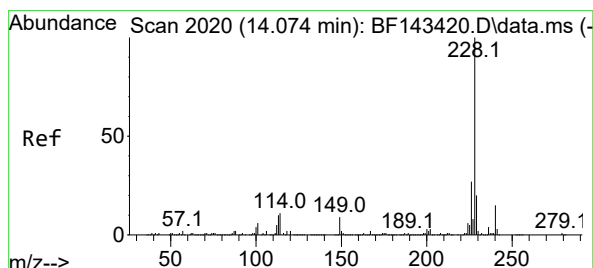
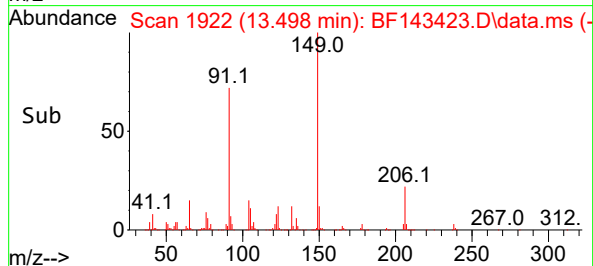
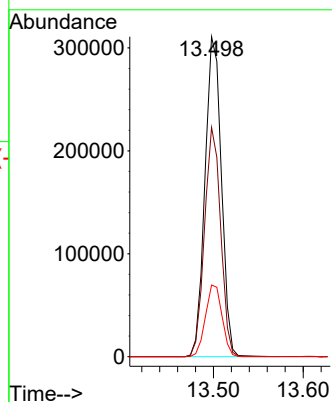
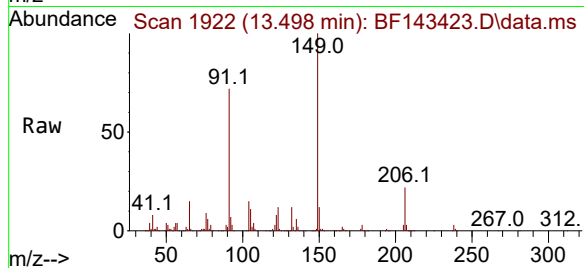




#80
Butylbenzylphthalate
Concen: 83.201 ng
RT: 13.498 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

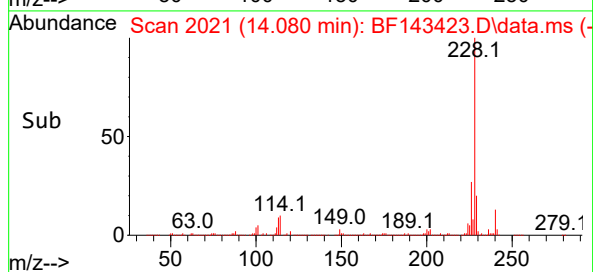
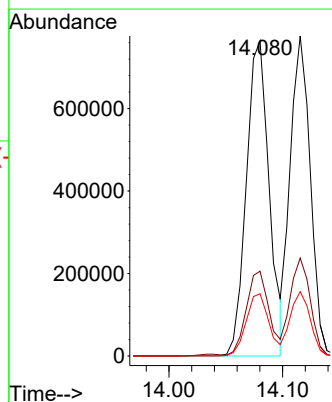
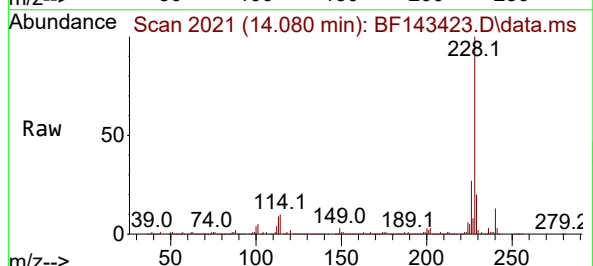
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

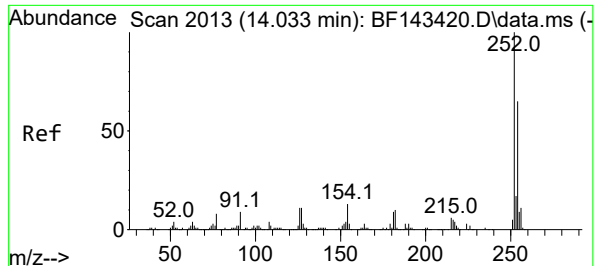
Tgt Ion:149 Resp: 394998
Ion Ratio Lower Upper
149 100
91 71.6 57.0 85.4
206 22.4 17.6 26.4



#81
Benzo(a)anthracene
Concen: 76.089 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Tgt Ion:228 Resp: 1068277
Ion Ratio Lower Upper
228 100
226 26.9 21.5 32.3
229 19.7 15.7 23.5





#82

3,3'-Dichlorobenzidine

Concen: 82.823 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.000 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

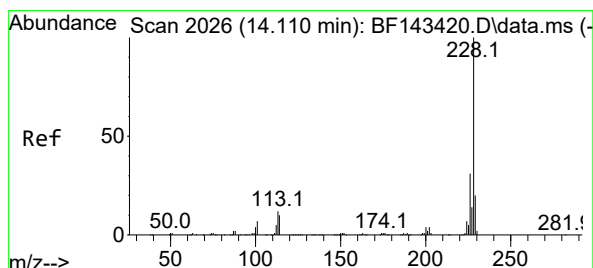
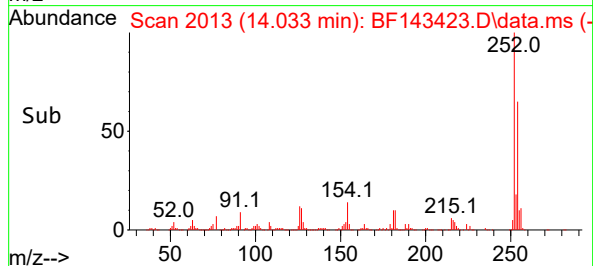
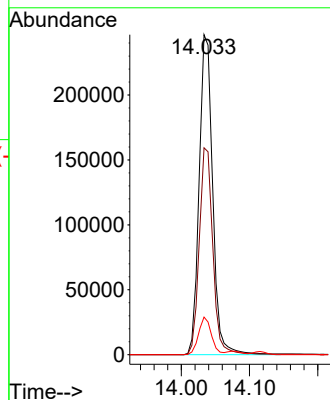
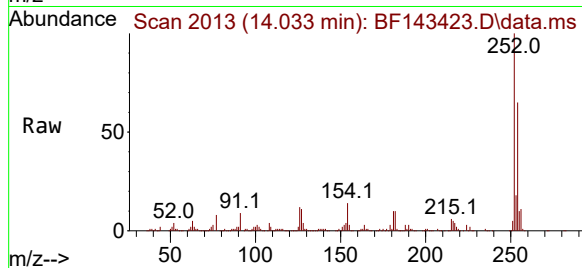
Tgt Ion:252 Resp: 340456

Ion Ratio Lower Upper

252 100

254 64.6 51.6 77.4

126 11.7 8.8 13.2



#83

Chrysene

Concen: 73.845 ng

RT: 14.115 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

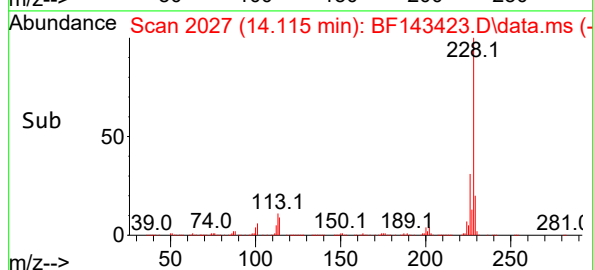
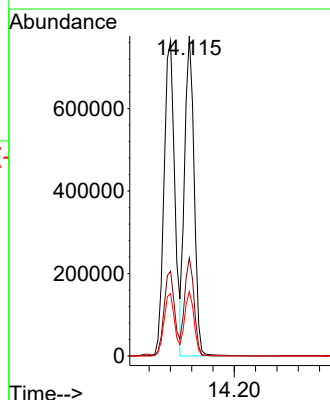
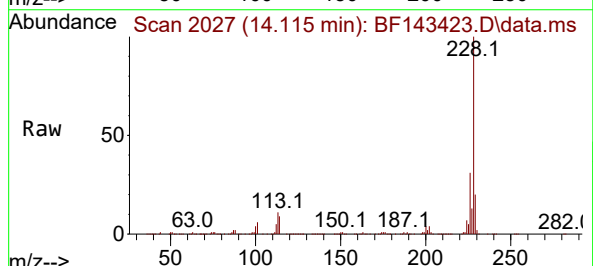
Tgt Ion:228 Resp: 958475

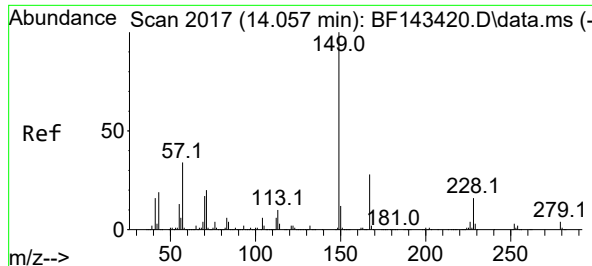
Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 20.1 16.1 24.1

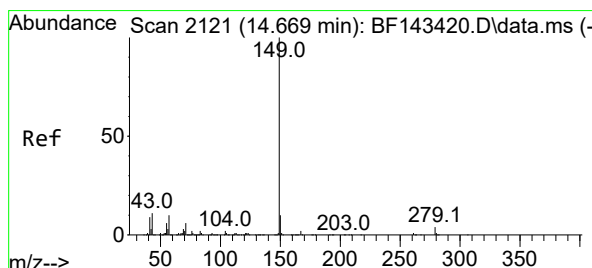
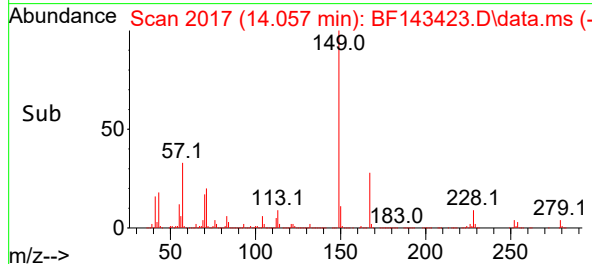
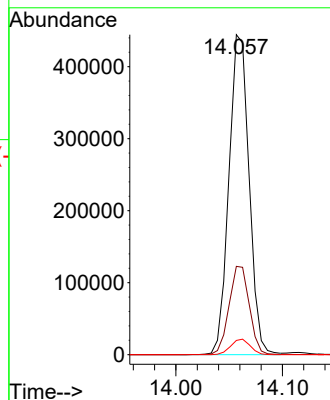
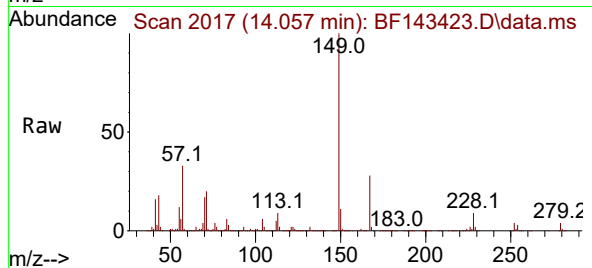




#84
Bis(2-ethylhexyl)phthalate
Concen: 86.658 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

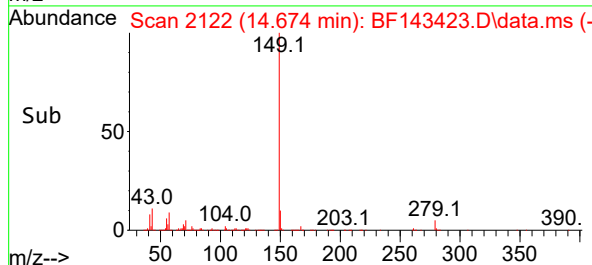
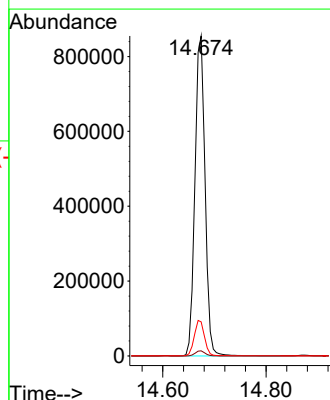
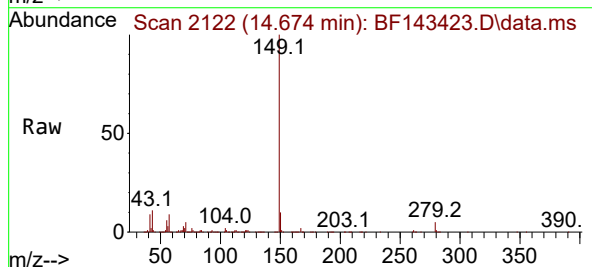
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

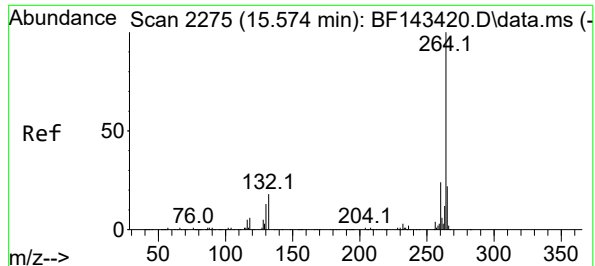
Tgt Ion:149 Resp: 584266
Ion Ratio Lower Upper
149 100
167 27.6 22.6 33.8
279 4.4 3.5 5.3



#85
Di-n-octyl phthalate
Concen: 84.996 ng
RT: 14.674 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Tgt Ion:149 Resp: 1162314
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.2 9.0 13.6

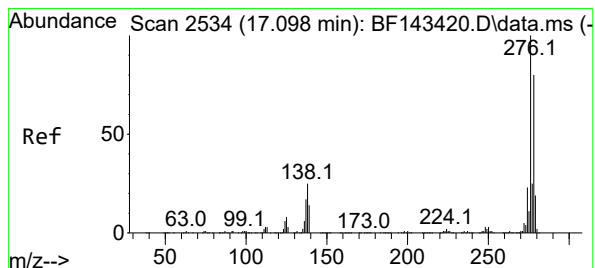
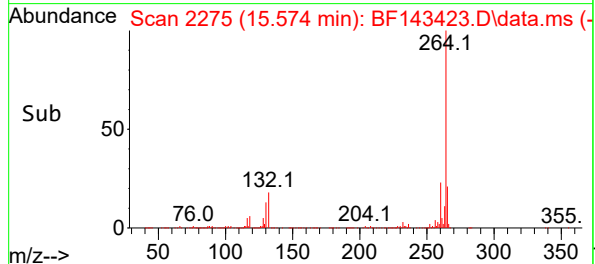
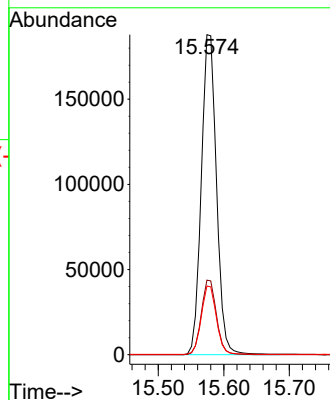
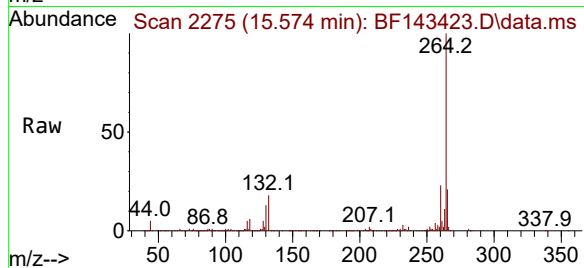




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

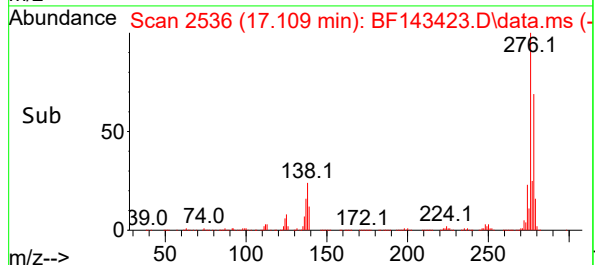
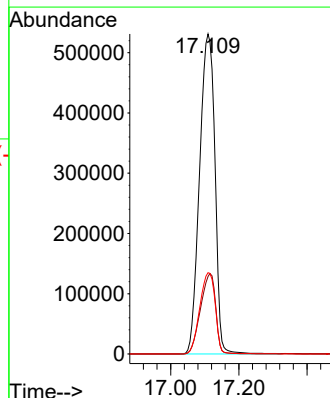
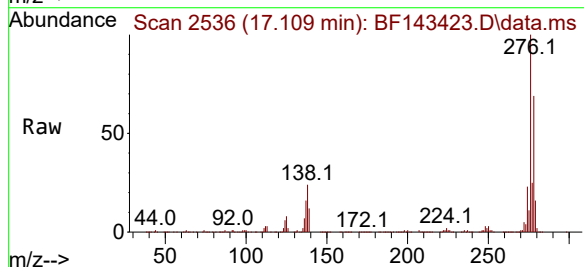
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

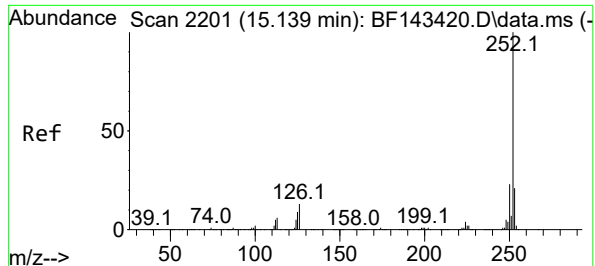
Tgt Ion:264 Resp: 303217
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 21.5 17.4 26.0



#87
Indeno(1,2,3-cd)pyrene
Concen: 73.282 ng
RT: 17.109 min Scan# 2536
Delta R.T. 0.012 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Tgt Ion:276 Resp: 1666322
Ion Ratio Lower Upper
276 100
138 24.7 20.2 30.4
277 25.5 20.2 30.2

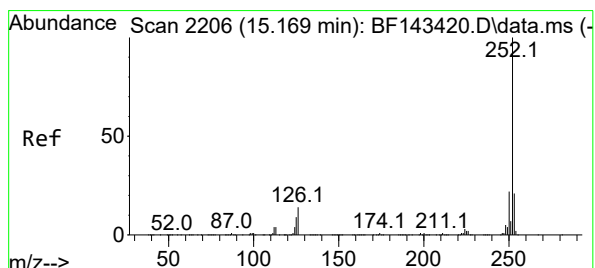
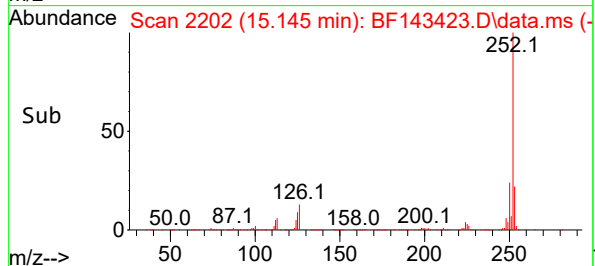
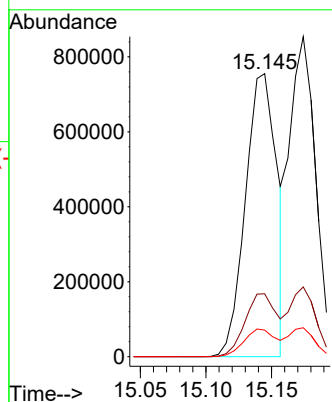
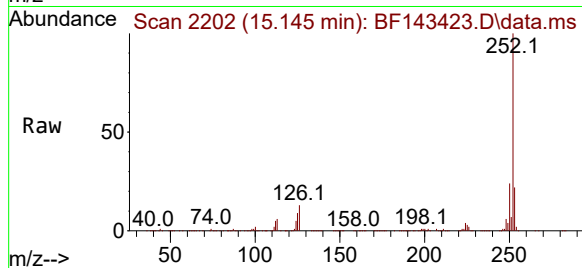




#88
Benzo(b)fluoranthene
Concen: 77.348 ng
RT: 15.145 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

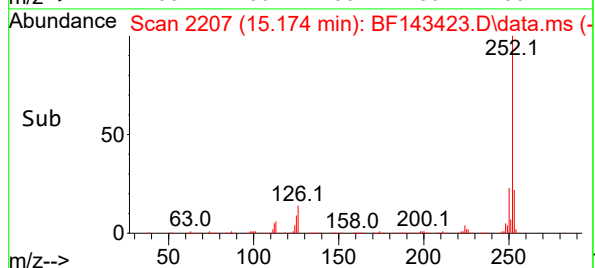
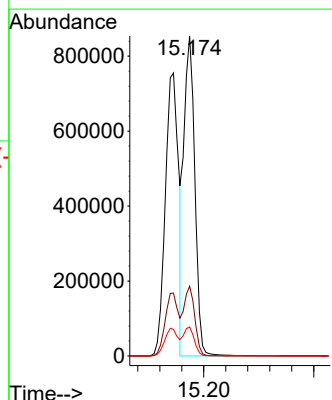
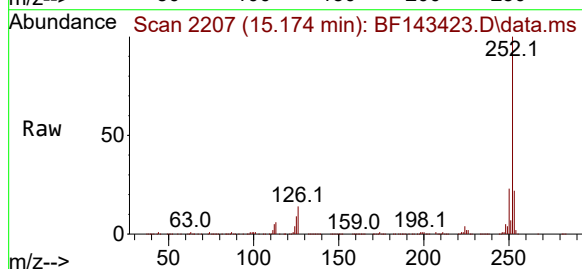
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

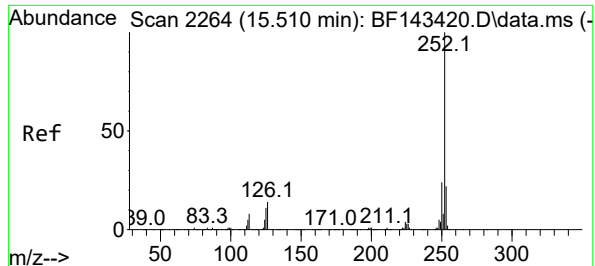
Tgt Ion:252 Resp: 1257001
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 9.4 7.5 11.3



#89
Benzo(k)fluoranthene
Concen: 73.992 ng
RT: 15.174 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF143423.D
Acq: 15 Aug 2025 17:57

Tgt Ion:252 Resp: 1186018
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 9.0 7.4 11.2





#90

Benzo(a)pyrene

Concen: 76.483 ng

RT: 15.521 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

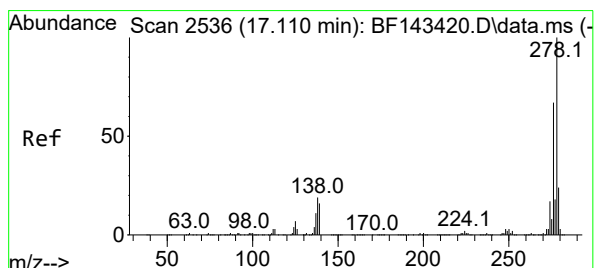
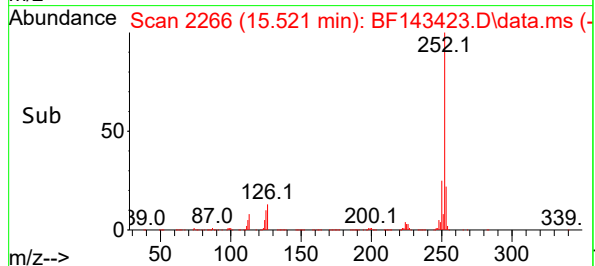
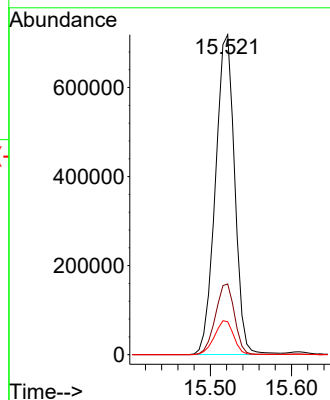
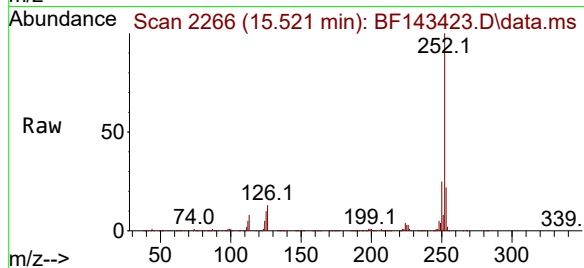
Tgt Ion:252 Resp: 1183837

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 10.3 8.6 12.8



#91

Dibenzo(a,h)anthracene

Concen: 72.757 ng

RT: 17.127 min Scan# 2539

Delta R.T. 0.017 min

Lab File: BF143423.D

Acq: 15 Aug 2025 17:57

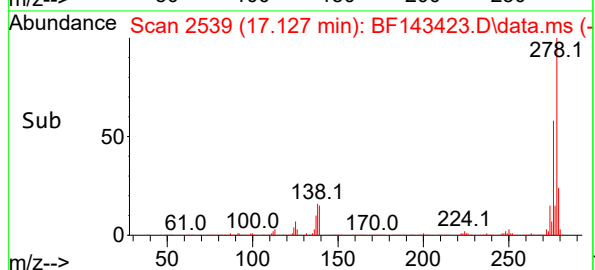
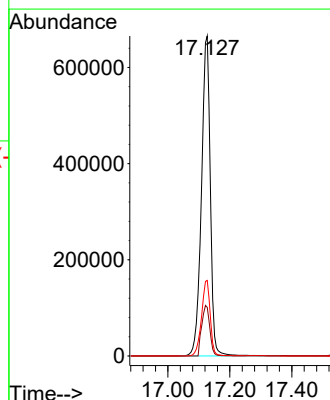
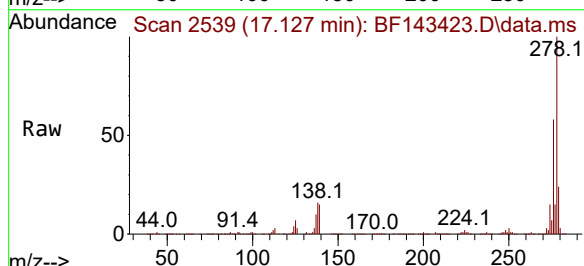
Tgt Ion:278 Resp: 1328554

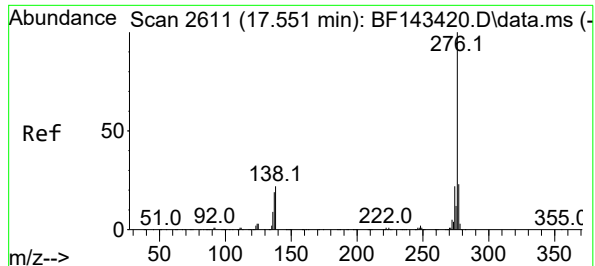
Ion Ratio Lower Upper

278 100

139 15.2 12.9 19.3

279 23.6 19.0 28.4





#92

Benzo(g,h,i)perylene

Concen: 73.842 ng

RT: 17.568 min Scan# 20

Delta R.T. 0.017 min

Lab File: BF143423.D

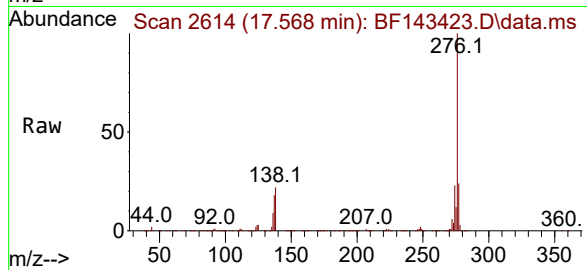
Acq: 15 Aug 2025 17:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



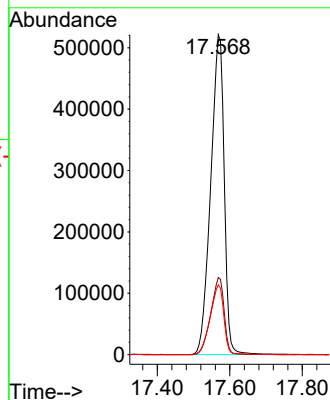
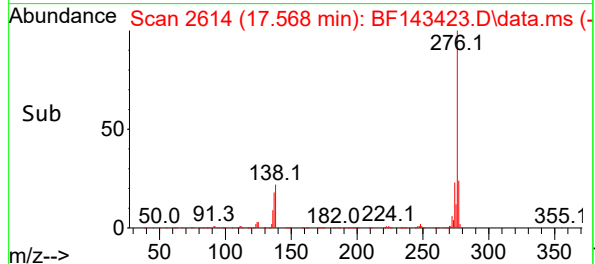
Tgt Ion:276 Resp: 1346979

Ion Ratio Lower Upper

276 100

277 24.1 18.7 28.1

138 21.9 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143424.D
 Acq On : 15 Aug 2025 18:57
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081525

Quant Time: Aug 15 19:18:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:57:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	125639	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	491006	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	272709	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	440330	20.000	ng	0.00
76) Chrysene-d12	14.086	240	224321	20.000	ng	0.00
86) Perylene-d12	15.574	264	261605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	580235	80.281	ng	0.00
7) Phenol-d6	6.557	99	720369	79.088	ng	0.00
23) Nitrobenzene-d5	7.487	82	674421	81.505	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	202301	83.344	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1240954	76.538	ng	0.00
79) Terphenyl-d14	13.027	244	1146442	85.853	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	137973	39.659	ng	99
3) Pyridine	3.499	79	372858	40.863	ng	99
4) n-Nitrosodimethylamine	3.440	42	171863	40.523	ng	100
6) Aniline	6.592	93	498492	40.314	ng	99
8) 2-Chlorophenol	6.716	128	319839	40.083	ng	99
9) Benzaldehyde	6.481	77	217414	44.869	ng	98
10) Phenol	6.575	94	430958	40.546	ng	99
11) bis(2-Chloroethyl)ether	6.657	93	317550	40.305	ng	100
12) 1,3-Dichlorobenzene	6.869	146	355050	39.722	ng	99
13) 1,4-Dichlorobenzene	6.945	146	353824	39.650	ng	99
14) 1,2-Dichlorobenzene	7.098	146	337631	39.612	ng	100
15) Benzyl Alcohol	7.069	79	276064	41.098	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	537541	39.909	ng	100
17) 2-Methylphenol	7.181	107	263479	40.471	ng	99
18) Hexachloroethane	7.439	117	122314	40.268	ng	98
19) n-Nitroso-di-n-propyla...	7.339	70	222462	39.451	ng	97
20) 3+4-Methylphenols	7.334	107	317327	40.773	ng	100
22) Acetophenone	7.334	105	409319	38.772	ng	100
24) Nitrobenzene	7.504	77	353900	40.922	ng	100
25) Isophorone	7.745	82	634395	40.058	ng	100
26) 2-Nitrophenol	7.822	139	171500	42.777	ng	99
27) 2,4-Dimethylphenol	7.863	122	268492	39.609	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	387437	39.801	ng	99
29) 2,4-Dichlorophenol	8.069	162	278935	40.367	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	277133	39.142	ng	100
31) Naphthalene	8.234	128	917858	39.375	ng	100
32) Benzoic acid	7.975	122	145960	41.403	ng	97
33) 4-Chloroaniline	8.275	127	341869	40.630	ng	99
34) Hexachlorobutadiene	8.351	225	177092	39.224	ng	97
35) Caprolactam	8.645	113	84212	42.330	ng	99
36) 4-Chloro-3-methylphenol	8.757	107	291765	40.997	ng	98
37) 2-Methylnaphthalene	8.922	142	615873	39.196	ng	100
38) 1-Methylnaphthalene	9.022	142	596492	39.623	ng	99
40) 1,2,4,5-Tetrachloroben...	9.086	216	297713	39.145	ng	99
41) Hexachlorocyclopentadiene	9.081	237	102238	40.416	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	193444	40.774	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143424.D
 Acq On : 15 Aug 2025 18:57
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081525

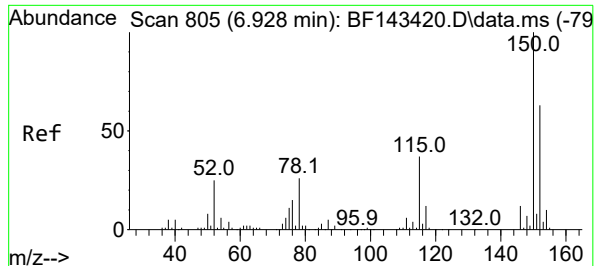
Quant Time: Aug 15 19:18:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:57:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	210061	41.305	ng	99
46) 1,1'-Biphenyl	9.386	154	748830	39.081	ng	99
47) 2-Chloronaphthalene	9.410	162	590752	39.058	ng	99
48) 2-Nitroaniline	9.504	65	189676	42.141	ng	97
49) Acenaphthylene	9.822	152	866445	39.677	ng	100
50) Dimethylphthalate	9.675	163	686793	40.394	ng	100
51) 2,6-Dinitrotoluene	9.739	165	146942	43.842	ng	98
52) Acenaphthene	9.998	154	589195	40.115	ng	100
53) 3-Nitroaniline	9.910	138	160770	43.062	ng	99
54) 2,4-Dinitrophenol	10.022	184	60785	41.967	ng	97
55) Dibenzofuran	10.169	168	827034	39.033	ng	99
56) 4-Nitrophenol	10.075	139	104368	44.464	ng	98
57) 2,4-Dinitrotoluene	10.145	165	198343	44.386	ng	100
58) Fluorene	10.510	166	635952	39.070	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	167166	43.424	ng	99
60) Diethylphthalate	10.380	149	636541	40.514	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	318141	39.533	ng	100
62) 4-Nitroaniline	10.522	138	152248	43.604	ng	97
63) Azobenzene	10.663	77	637467	40.143	ng	100
65) 4,6-Dinitro-2-methylph...	10.557	198	104008	45.779	ng	99
66) n-Nitrosodiphenylamine	10.616	169	554575	38.734	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	205635	39.547	ng	99
68) Hexachlorobenzene	11.063	284	215158	38.923	ng	99
69) Atrazine	11.139	200	177396	42.361	ng	99
70) Pentachlorophenol	11.257	266	105712	43.486	ng	99
71) Phenanthrene	11.474	178	919627	38.568	ng	100
72) Anthracene	11.527	178	937696	38.935	ng	100
73) Carbazole	11.674	167	804170	39.480	ng	100
74) Di-n-butylphthalate	12.004	149	859613	42.379	ng	100
75) Fluoranthene	12.663	202	842615	39.770	ng	100
77) Benzidine	12.774	184	301000	47.400	ng	100
78) Pyrene	12.892	202	845466	43.363	ng	99
80) Butylbenzylphthalate	13.498	149	216055	44.739	ng	100
81) Benzo(a)anthracene	14.074	228	569456	39.874	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	164709	39.390	ng	99
83) Chrysene	14.110	228	539626	40.872	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	282227	41.151	ng	99
85) Di-n-octyl phthalate	14.668	149	546335	39.276	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	810056	41.292	ng	100
88) Benzo(b)fluoranthene	15.139	252	561290	40.032	ng	99
89) Benzo(k)fluoranthene	15.168	252	556803	40.263	ng	100
90) Benzo(a)pyrene	15.510	252	536535	40.177	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	656933	41.699	ng	99
92) Benzo(g,h,i)perylene	17.551	276	652150	41.438	ng	99

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

Instrument :
BNA_F
ClientSampleId :
ICVBF081525

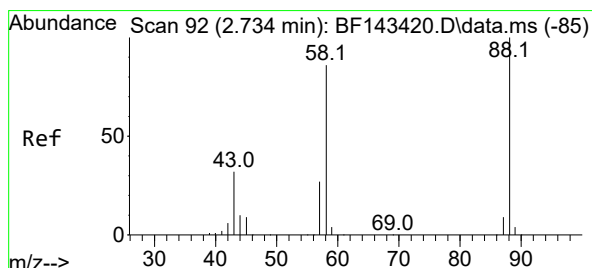
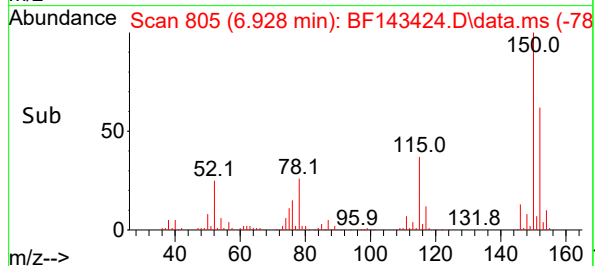
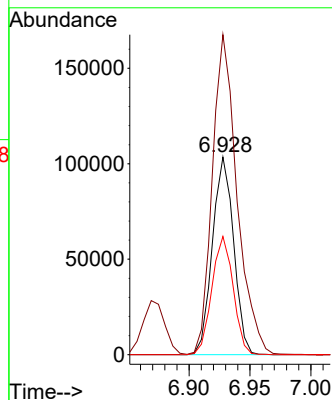
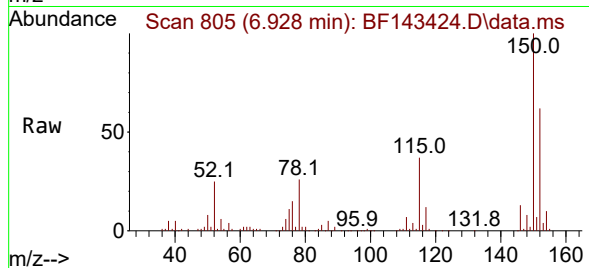
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

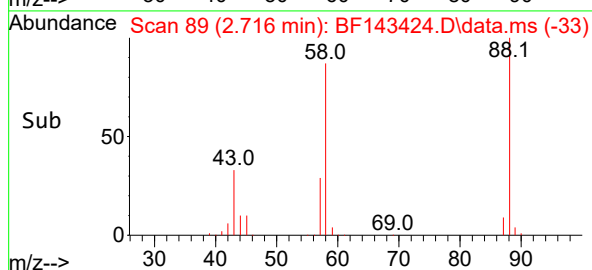
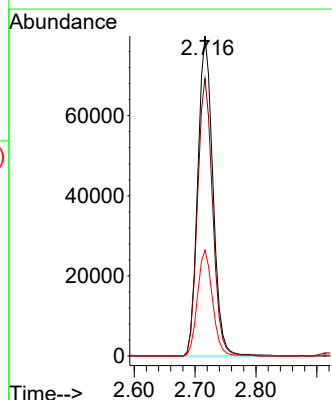
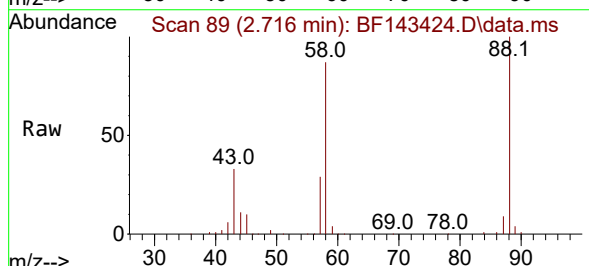
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

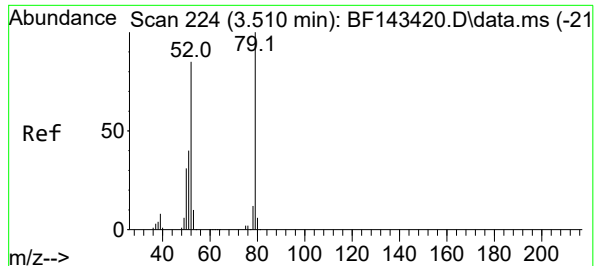
Tgt Ion:152 Resp: 125639
Ion Ratio Lower Upper
152 100
150 161.9 127.4 191.2
115 59.8 47.5 71.3



#2
1,4-Dioxane
Concen: 39.659 ng
RT: 2.716 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

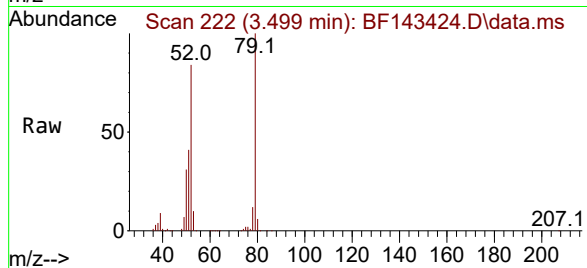
Tgt Ion: 88 Resp: 137973
Ion Ratio Lower Upper
88 100
58 86.4 68.7 103.1
43 32.9 26.1 39.1



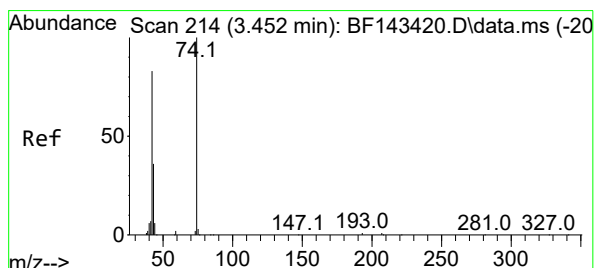
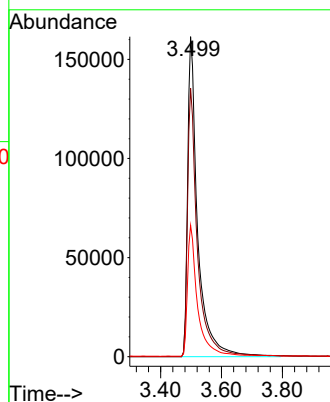
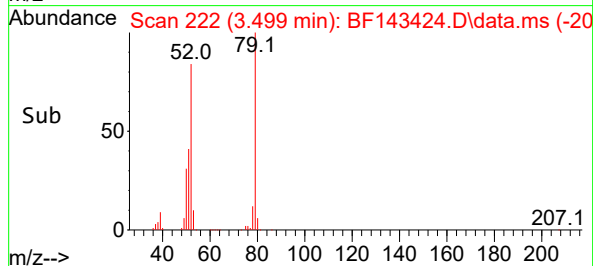


#3
Pyridine
Concen: 40.863 ng
RT: 3.499 min Scan# 212
Delta R.T. -0.012 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Instrument :
BNA_F
ClientSampleId :
ICVBF081525

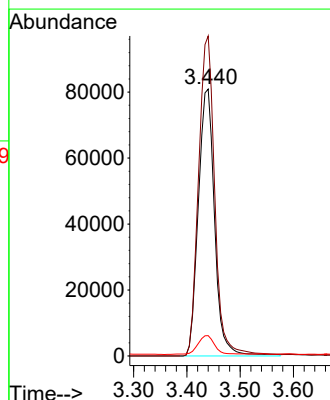
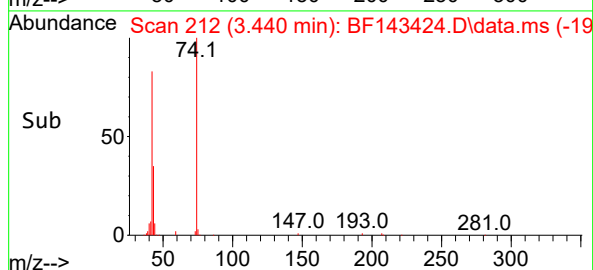
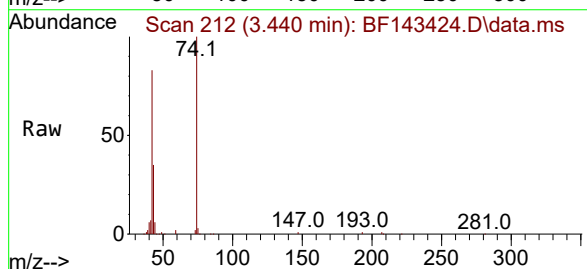


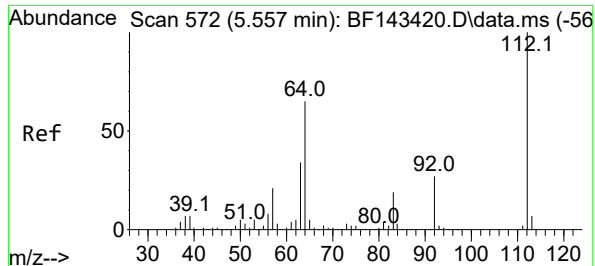
Tgt Ion: 79 Resp: 372858
Ion Ratio Lower Upper
79 100
52 83.9 67.7 101.5
51 41.0 32.3 48.5



#4
n-Nitrosodimethylamine
Concen: 40.523 ng
RT: 3.440 min Scan# 212
Delta R.T. -0.012 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion: 42 Resp: 171863
Ion Ratio Lower Upper
42 100
74 119.9 96.2 144.4
44 7.6 5.9 8.9

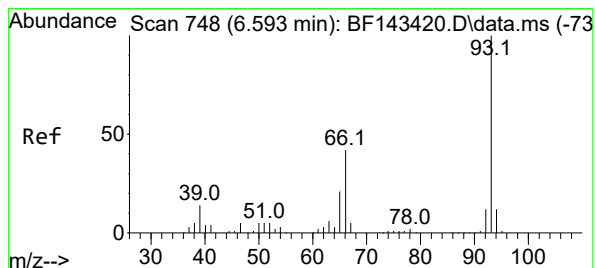
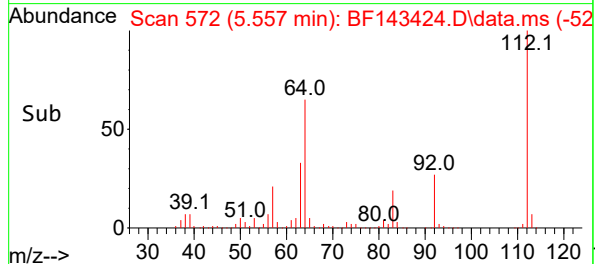
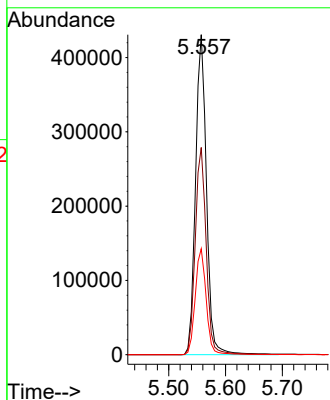
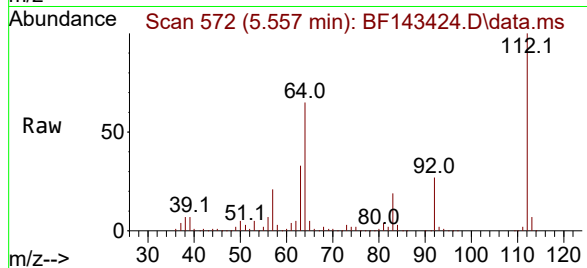




#5
2-Fluorophenol
Concen: 80.281 ng
RT: 5.557 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

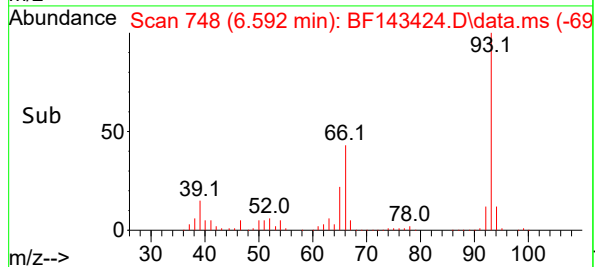
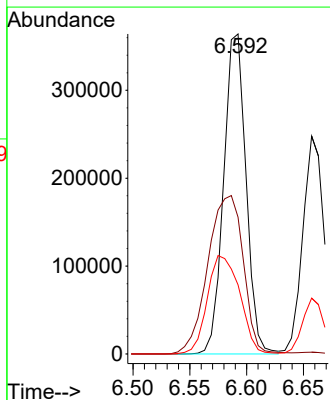
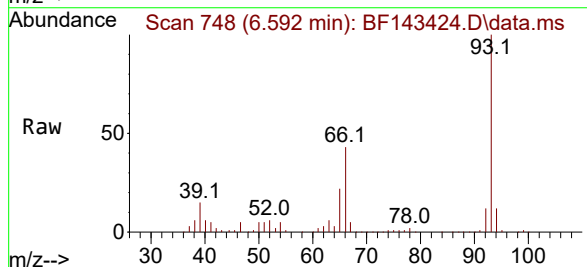
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BNA_F
ClientSampleId :
ICVBF081525

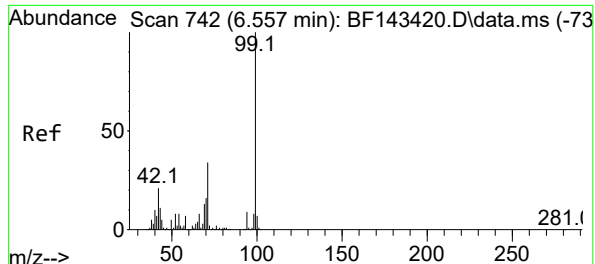
Tgt Ion:112 Resp: 580235
Ion Ratio Lower Upper
112 100
64 64.8 52.2 78.2
63 33.1 27.0 40.6



#6
Aniline
Concen: 40.314 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion: 93 Resp: 498492
Ion Ratio Lower Upper
93 100
66 42.7 33.8 50.8
65 21.6 17.2 25.8





#7

Phenol-d6

Concen: 79.088 ng

RT: 6.557 min Scan# 742

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

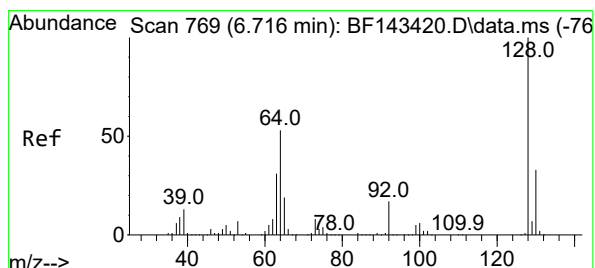
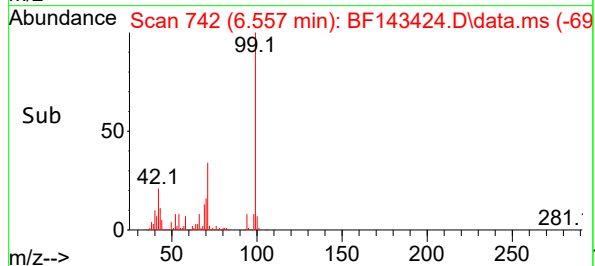
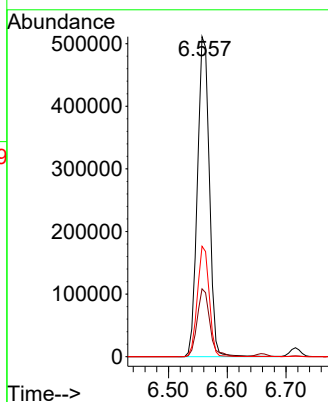
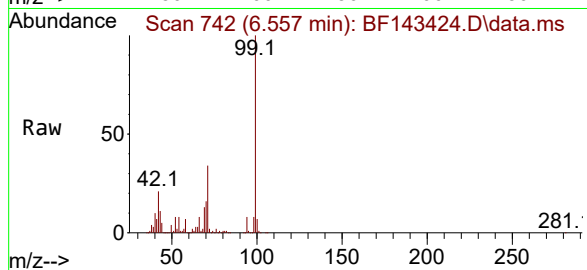
Tgt Ion: 99 Resp: 720369

Ion Ratio Lower Upper

99 100

42 21.2 17.0 25.6

71 34.5 27.4 41.2



#8

2-Chlorophenol

Concen: 40.083 ng

RT: 6.716 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

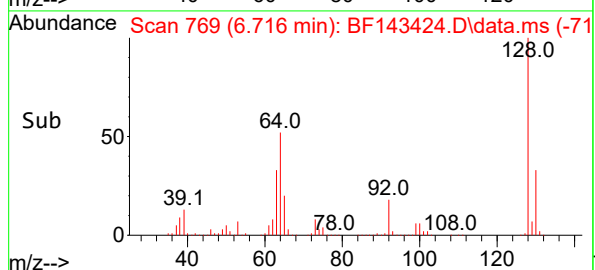
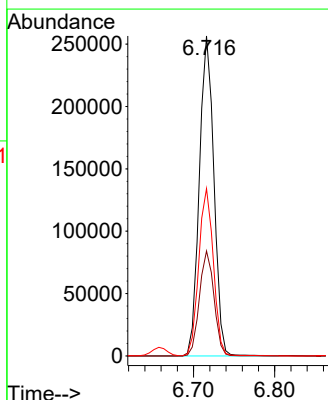
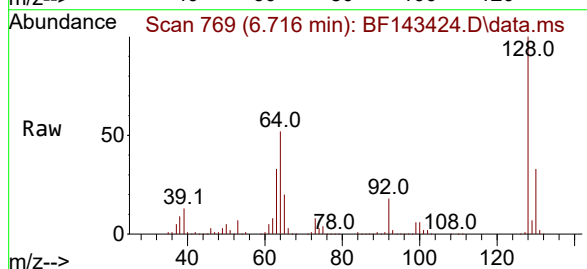
Tgt Ion: 128 Resp: 319839

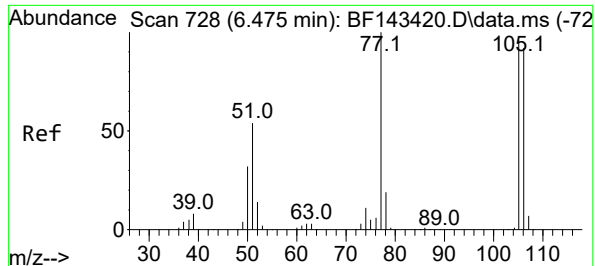
Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

64 52.3 33.1 73.1





#9

Benzaldehyde

Concen: 44.869 ng

RT: 6.481 min Scan# 728

Delta R.T. 0.006 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

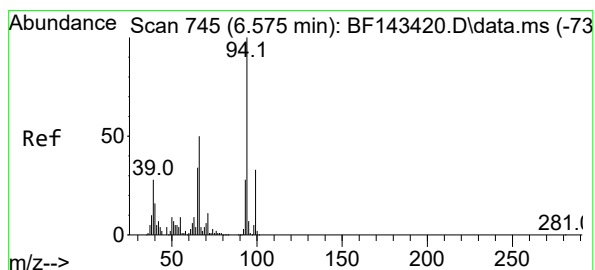
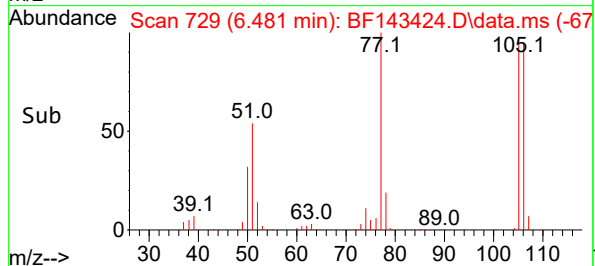
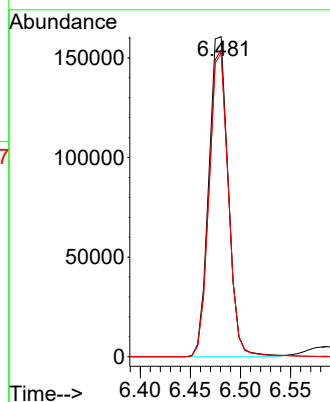
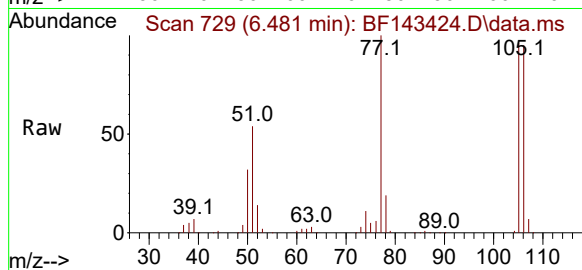
Tgt Ion: 77 Resp: 217414

Ion Ratio Lower Upper

77 100

105 95.9 75.5 115.5

106 95.0 72.0 112.0



#10

Phenol

Concen: 40.546 ng

RT: 6.575 min Scan# 745

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

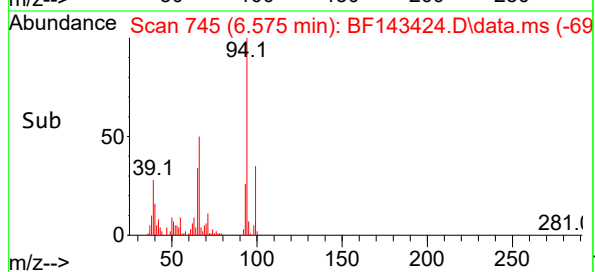
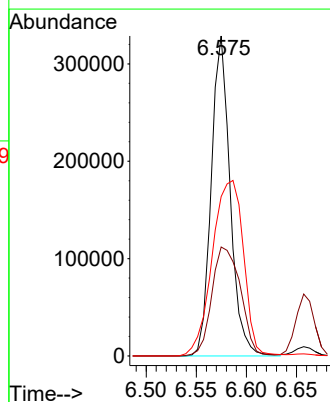
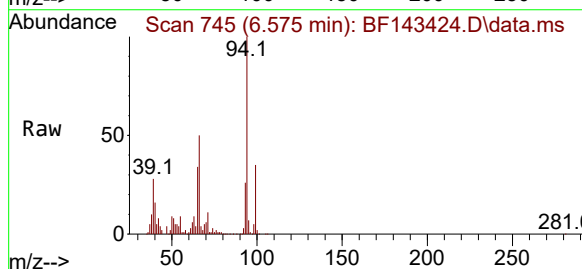
Tgt Ion: 94 Resp: 430958

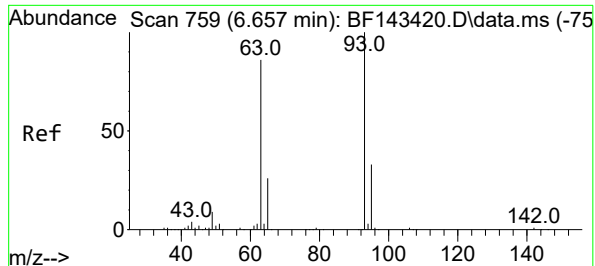
Ion Ratio Lower Upper

94 100

65 34.1 13.7 53.7

66 49.8 30.3 70.3

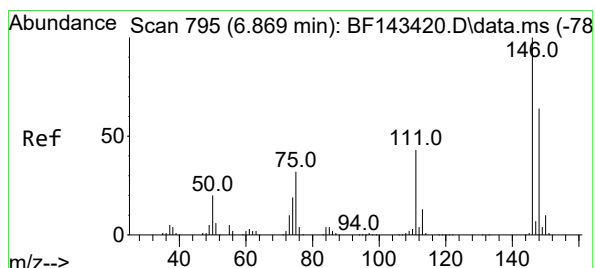
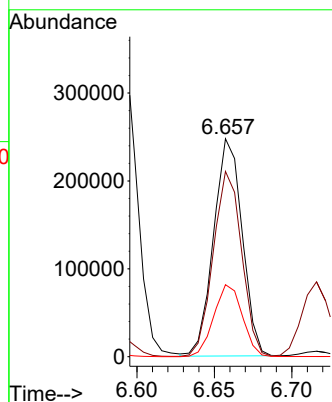
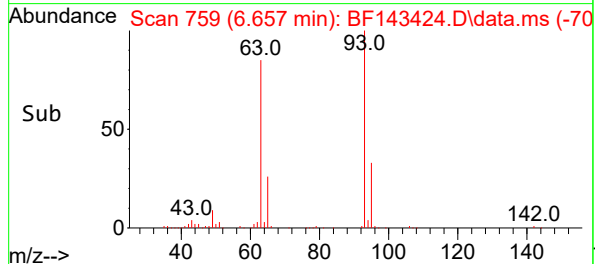
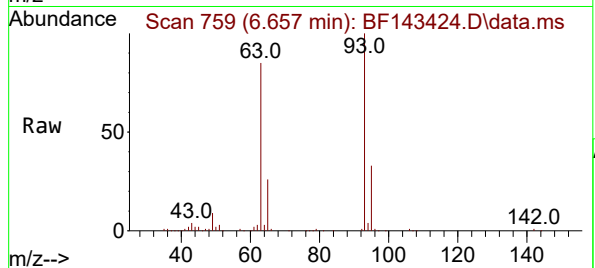




#11
bis(2-Chloroethyl)ether
Concen: 40.305 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

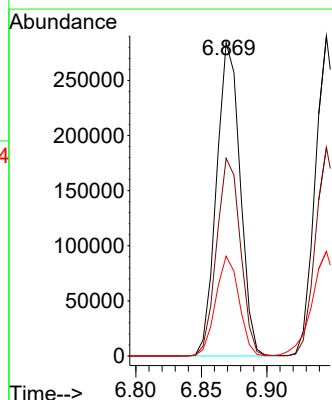
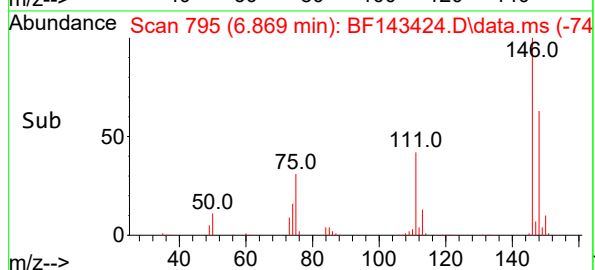
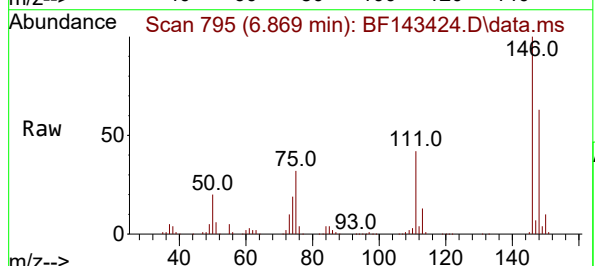
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

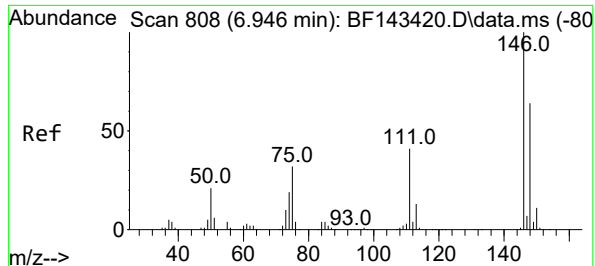
Tgt Ion: 93 Resp: 317550
Ion Ratio Lower Upper
93 100
63 85.1 65.4 105.4
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.722 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion: 146 Resp: 355050
Ion Ratio Lower Upper
146 100
148 63.1 51.0 76.4
75 31.9 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 39.650 ng

RT: 6.945 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

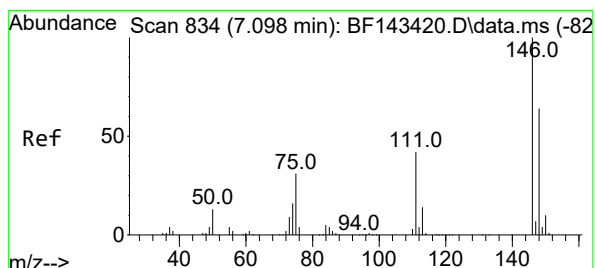
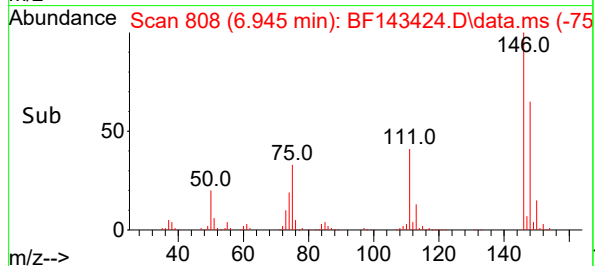
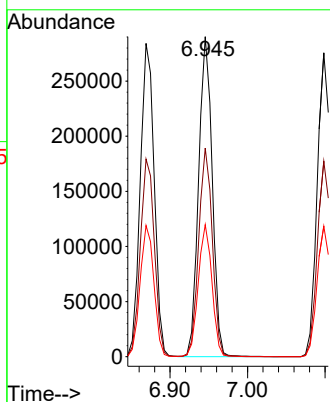
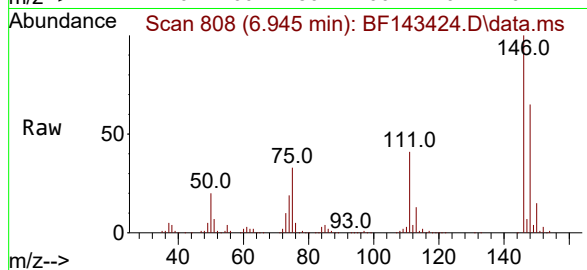
Tgt Ion:146 Resp: 353824

Ion Ratio Lower Upper

146 100

148 65.2 51.1 76.7

111 41.3 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 39.612 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

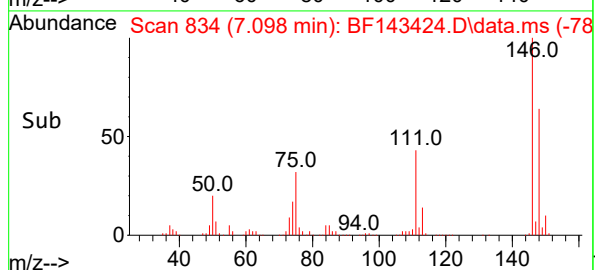
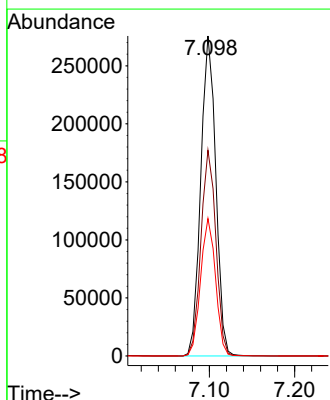
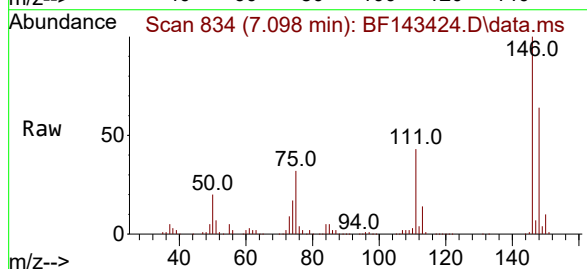
Tgt Ion:146 Resp: 337631

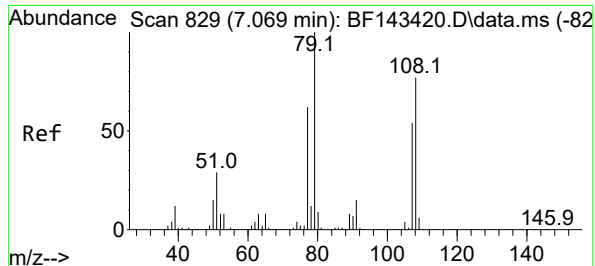
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.0

111 43.0 33.9 50.9





#15

Benzyl Alcohol

Concen: 41.098 ng

RT: 7.069 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

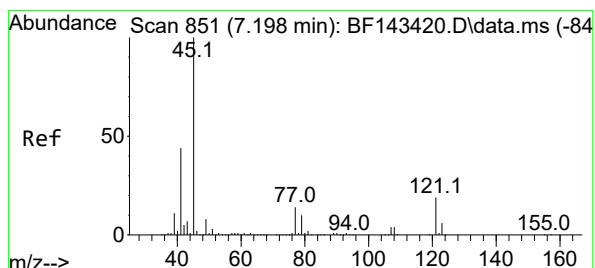
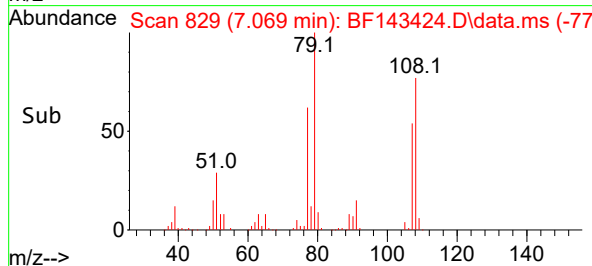
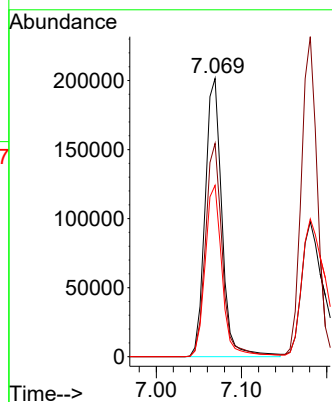
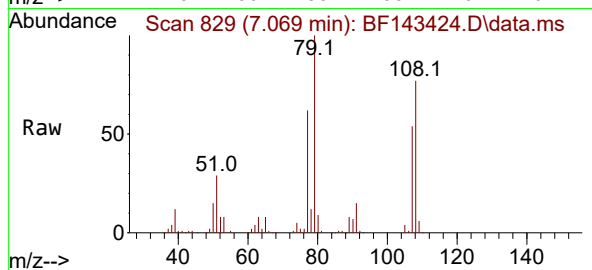
Tgt Ion: 79 Resp: 276064

Ion Ratio Lower Upper

79 100

108 76.7 61.9 92.9

77 61.6 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.909 ng

RT: 7.198 min Scan# 851

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

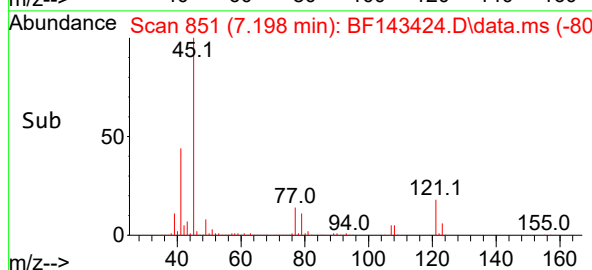
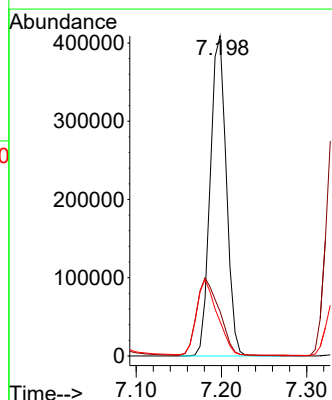
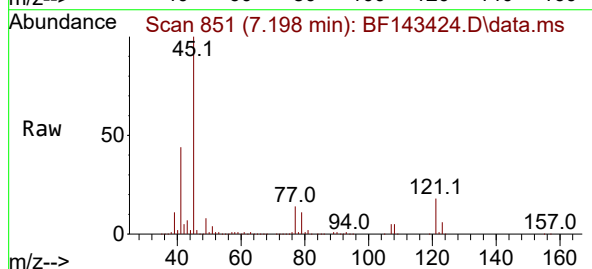
Tgt Ion: 45 Resp: 537541

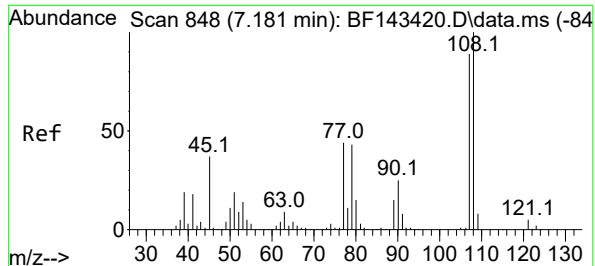
Ion Ratio Lower Upper

45 100

77 13.9 0.0 33.9

79 10.8 0.0 30.7

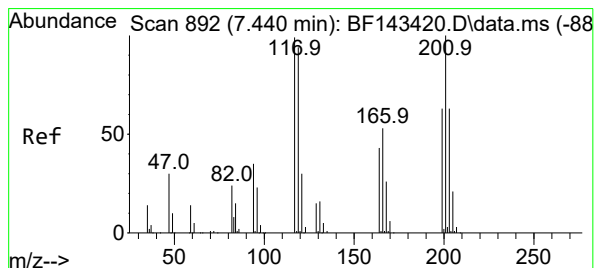
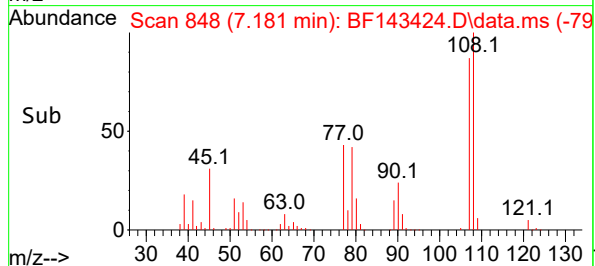
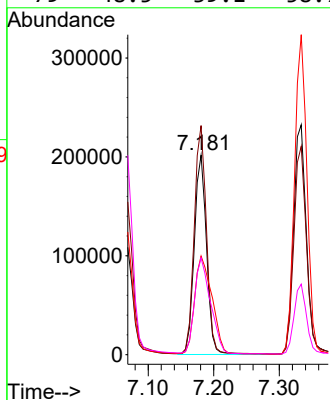
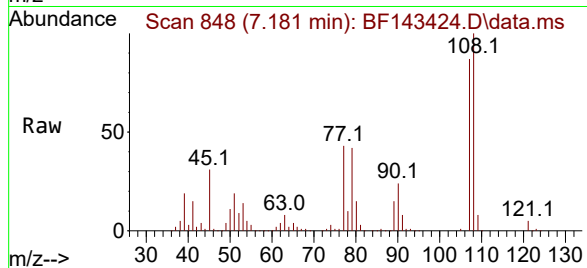




#17
2-Methylphenol
Concen: 40.471 ng
RT: 7.181 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

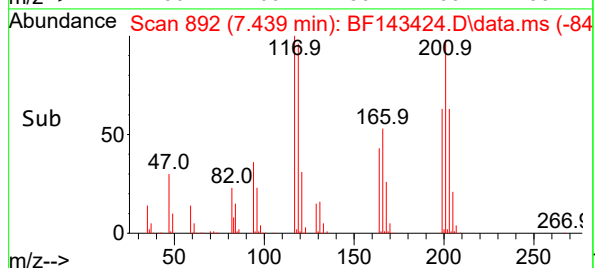
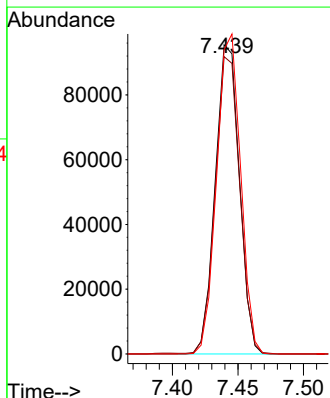
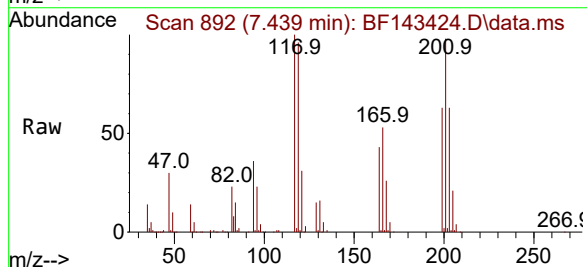
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

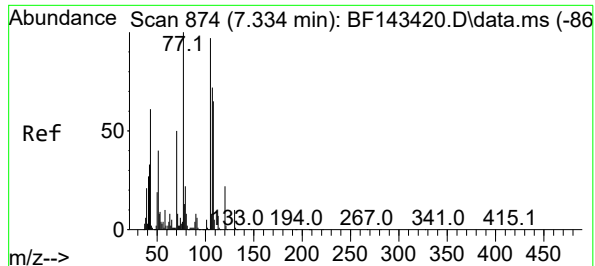
Tgt Ion:107 Resp: 263479
Ion Ratio Lower Upper
107 100
108 114.8 90.1 135.1
77 49.4 39.9 59.9
79 48.5 39.1 58.7



#18
Hexachloroethane
Concen: 40.268 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:117 Resp: 122314
Ion Ratio Lower Upper
117 100
119 96.1 76.6 114.8
201 98.4 81.0 121.4





#19

n-Nitroso-di-n-propylamine

Concen: 39.451 ng

RT: 7.339 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

Tgt Ion: 70 Resp: 222462

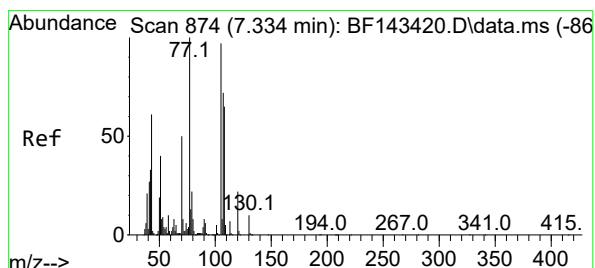
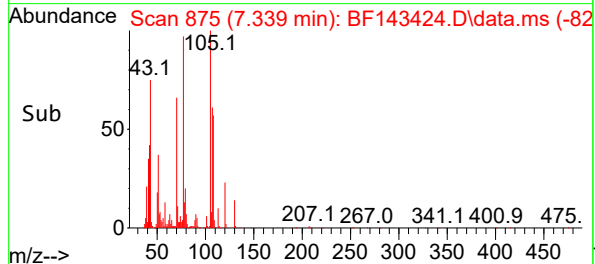
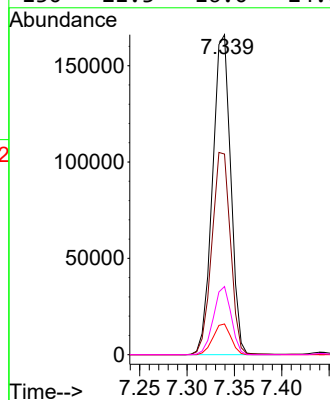
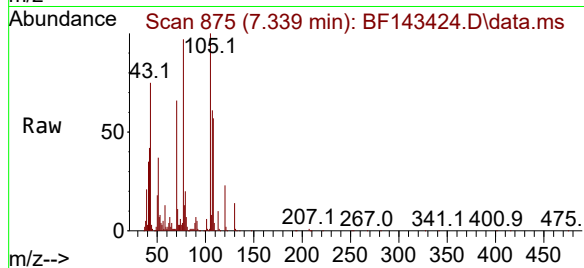
Ion Ratio Lower Upper

70 100

42 62.7 52.5 78.7

101 9.6 7.9 11.9

130 21.3 16.0 24.0



#20

3+4-Methylphenols

Concen: 40.773 ng

RT: 7.334 min Scan# 874

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Tgt Ion: 107 Resp: 317327

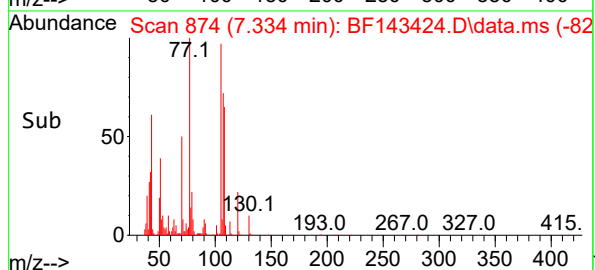
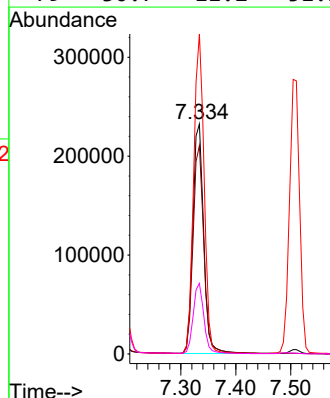
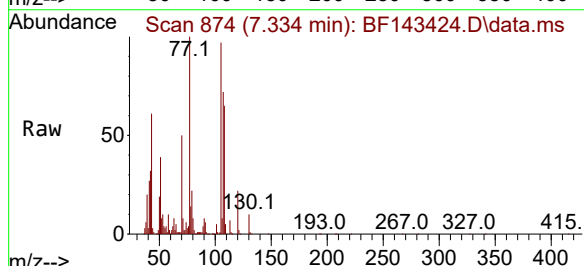
Ion Ratio Lower Upper

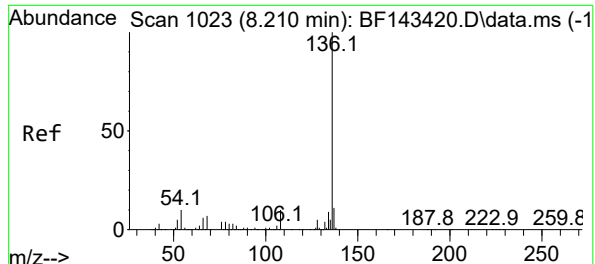
107 100

108 90.6 70.8 110.8

77 139.1 119.1 159.1

79 30.7 11.2 51.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

Tgt Ion:136 Resp: 491006

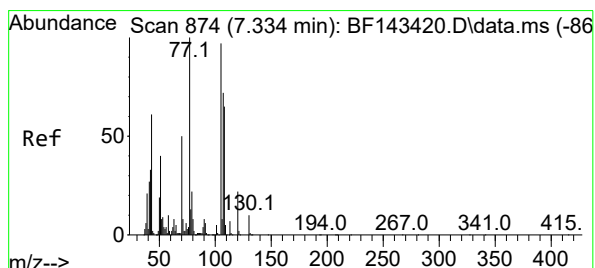
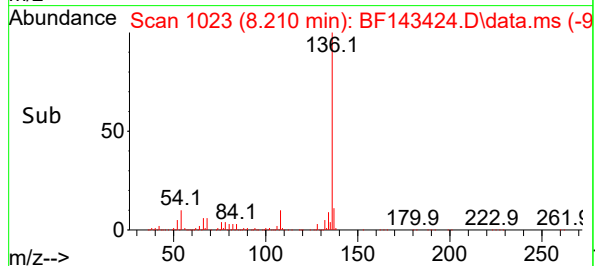
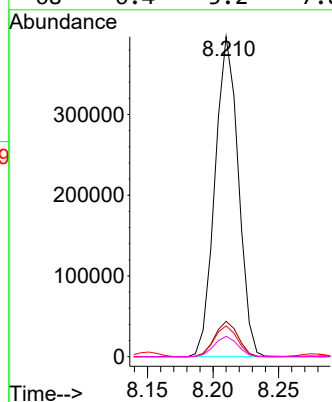
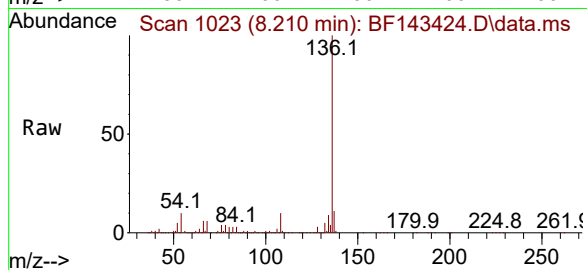
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.6 7.8 11.8

68 6.4 5.2 7.8



#22

Acetophenone

Concen: 38.772 ng

RT: 7.334 min Scan# 874

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Tgt Ion:105 Resp: 409319

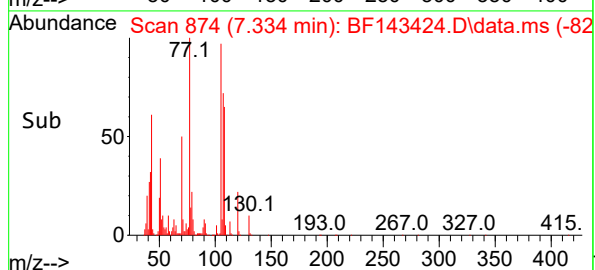
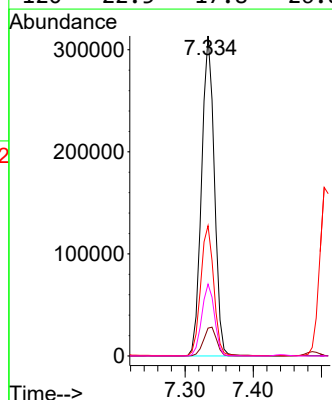
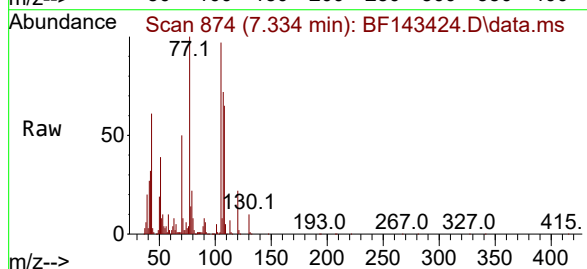
Ion Ratio Lower Upper

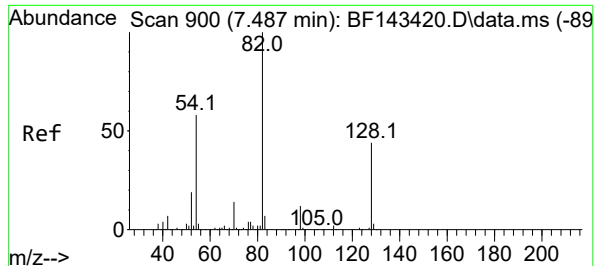
105 100

71 8.7 7.0 10.4

51 40.7 32.7 49.1

120 22.5 17.8 26.8





#23

Nitrobenzene-d5

Concen: 81.505 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

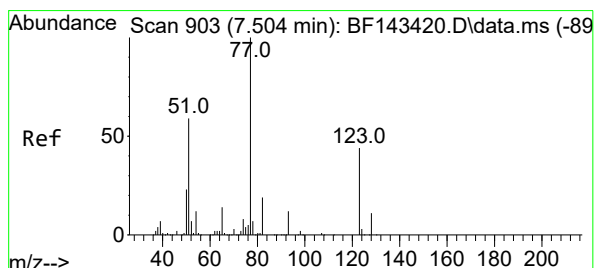
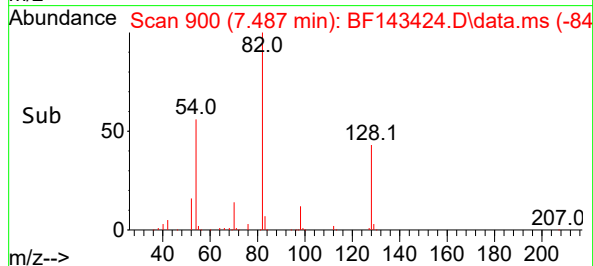
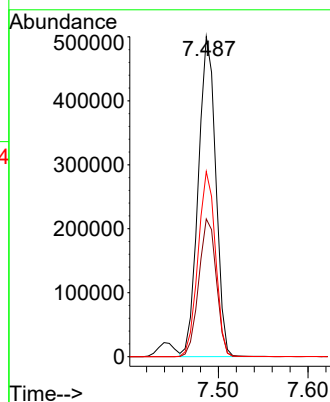
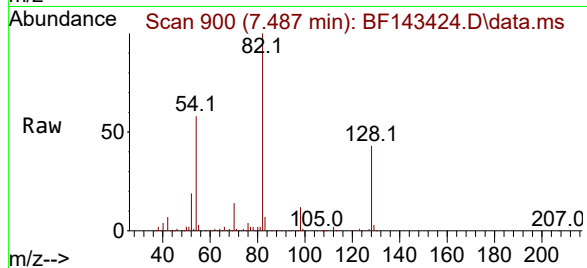
Tgt Ion: 82 Resp: 674421

Ion Ratio Lower Upper

82 100

128 43.1 34.6 52.0

54 57.9 46.0 69.0



#24

Nitrobenzene

Concen: 40.922 ng

RT: 7.504 min Scan# 903

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

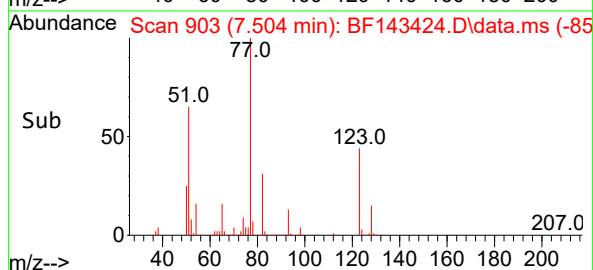
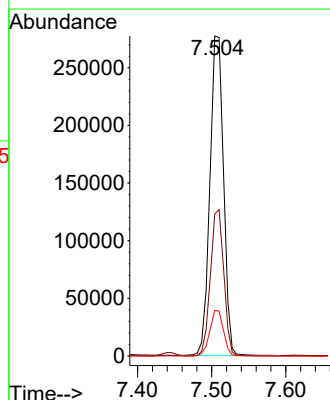
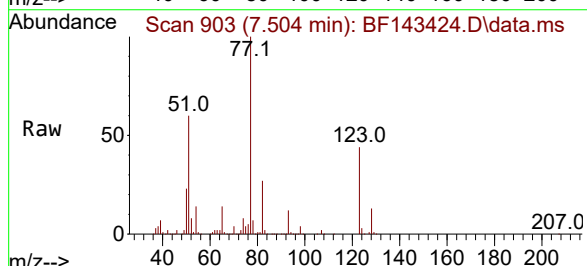
Tgt Ion: 77 Resp: 353900

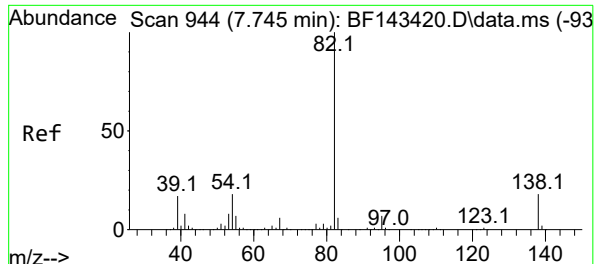
Ion Ratio Lower Upper

77 100

123 44.3 35.4 53.0

65 14.2 11.2 16.8





#25

Isophorone

Concen: 40.058 ng

RT: 7.745 min Scan# 944

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

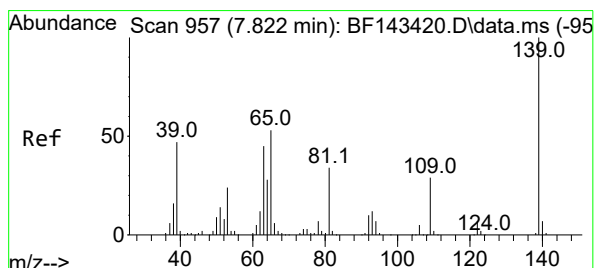
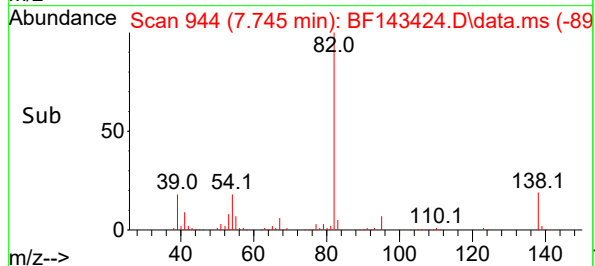
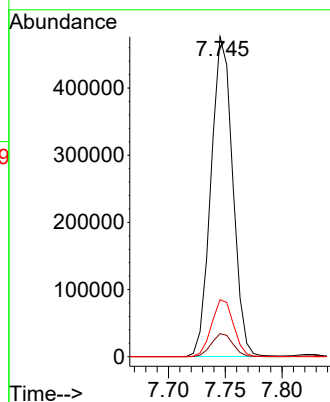
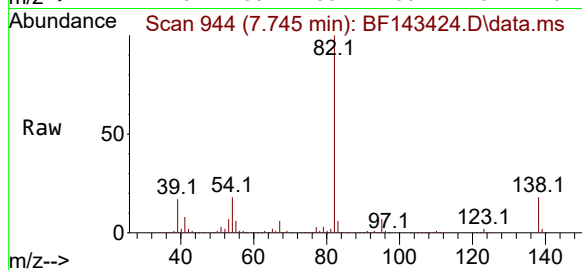
Tgt Ion: 82 Resp: 634395

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

138 17.8 14.3 21.5



#26

2-Nitrophenol

Concen: 42.777 ng

RT: 7.822 min Scan# 957

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

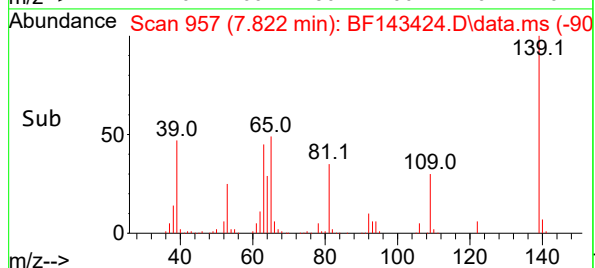
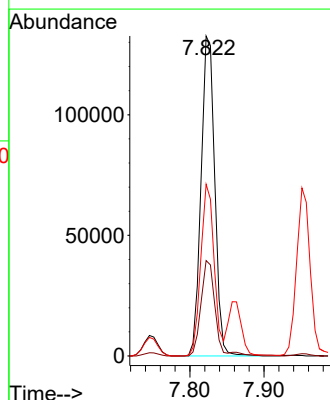
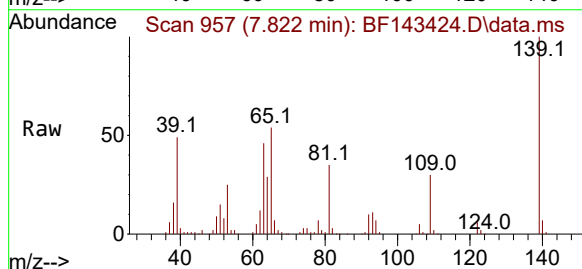
Tgt Ion:139 Resp: 171500

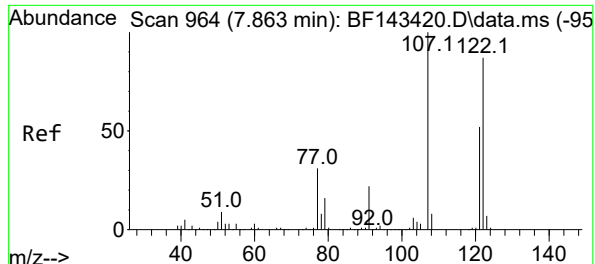
Ion Ratio Lower Upper

139 100

109 29.8 23.0 34.4

65 53.7 42.5 63.7





#27

2,4-Dimethylphenol

Concen: 39.609 ng

RT: 7.863 min Scan# 9

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

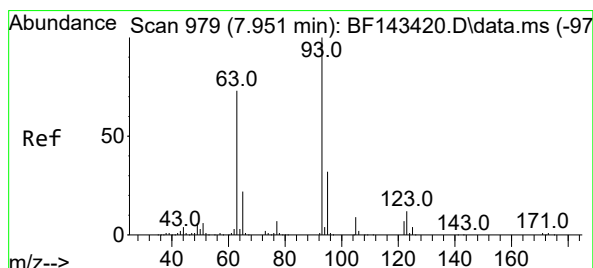
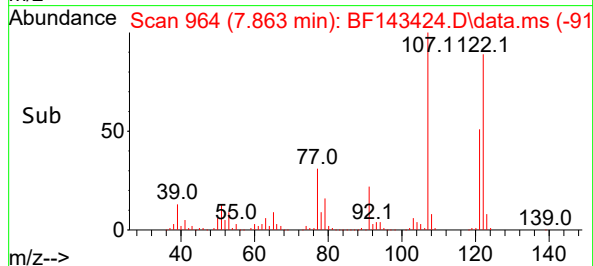
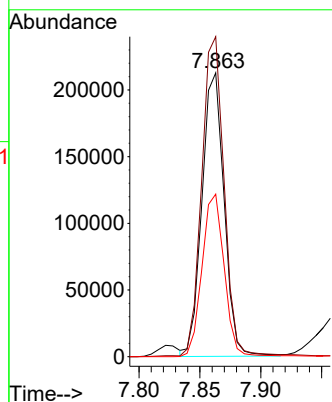
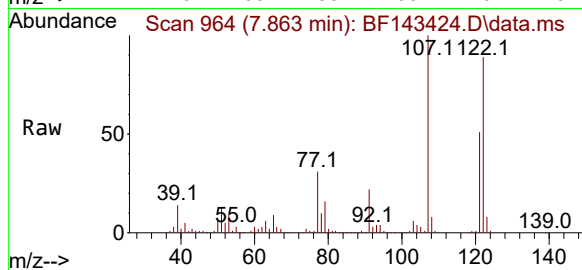
Tgt Ion:122 Resp: 268492

Ion Ratio Lower Upper

122 100

107 112.7 90.4 135.6

121 57.2 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 39.801 ng

RT: 7.951 min Scan# 979

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

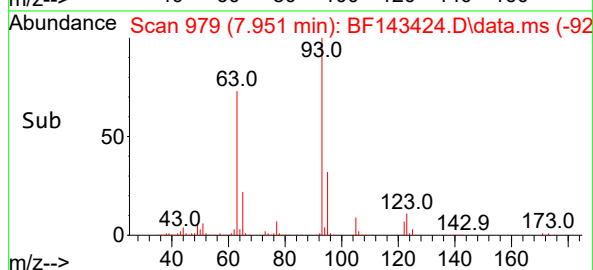
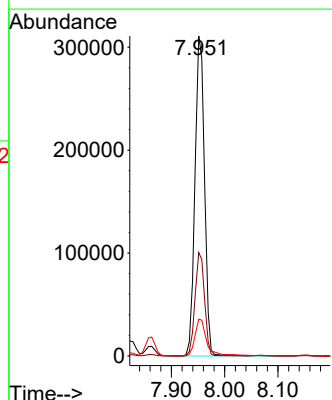
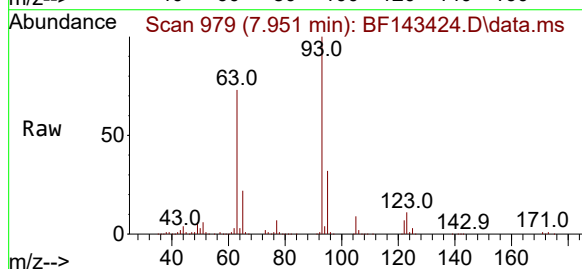
Tgt Ion: 93 Resp: 387437

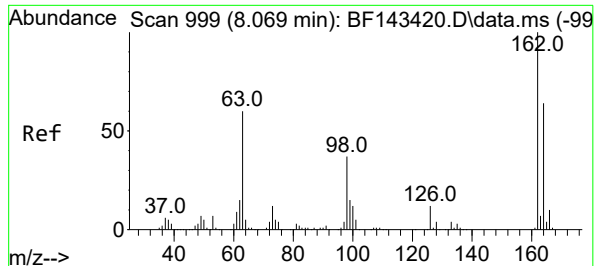
Ion Ratio Lower Upper

93 100

95 32.3 26.0 39.0

123 11.5 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.367 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

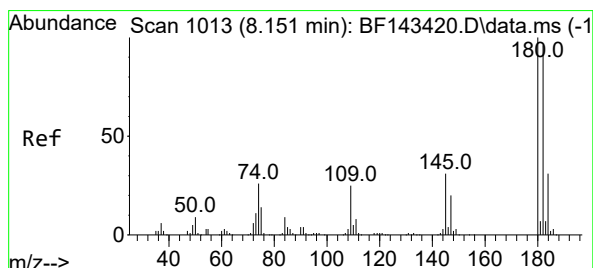
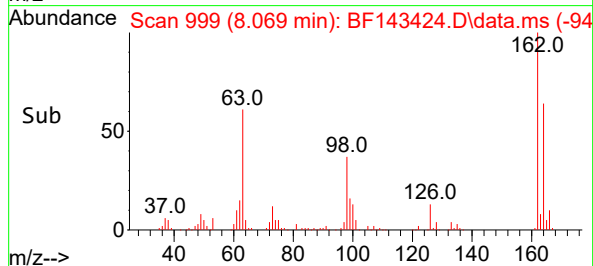
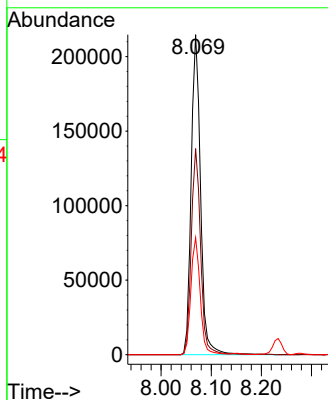
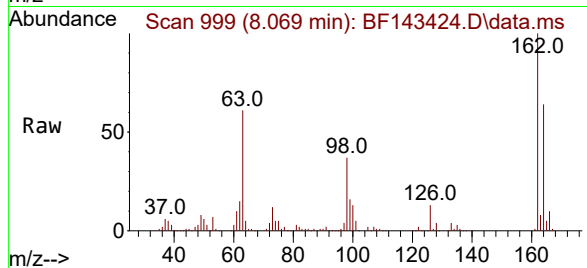
Tgt Ion:162 Resp: 278935

Ion Ratio Lower Upper

162 100

164 64.4 44.3 84.3

98 36.6 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 39.142 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

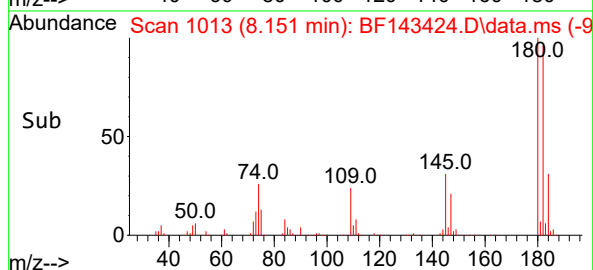
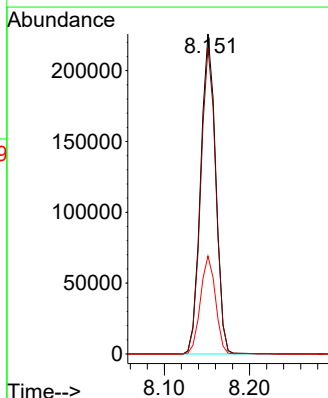
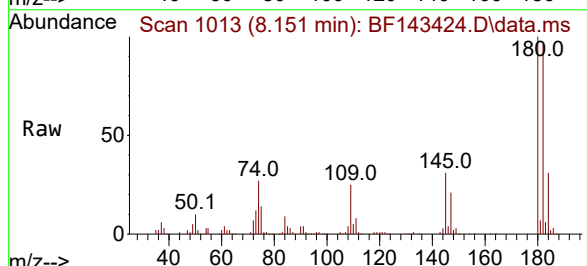
Tgt Ion:180 Resp: 277133

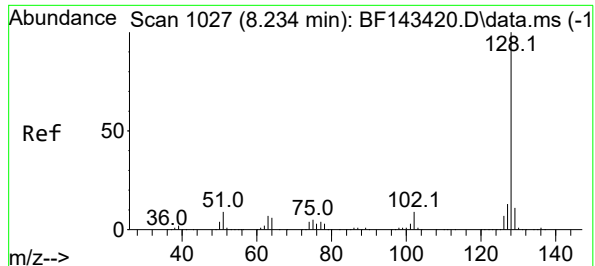
Ion Ratio Lower Upper

180 100

182 95.7 76.7 115.1

145 30.6 24.5 36.7





#31

Naphthalene

Concen: 39.375 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

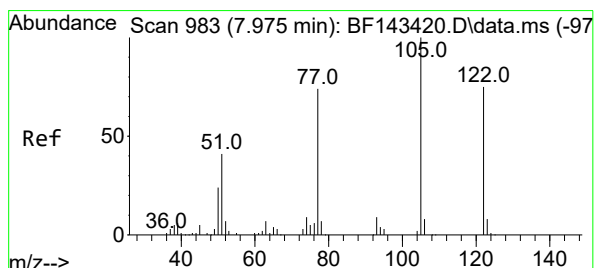
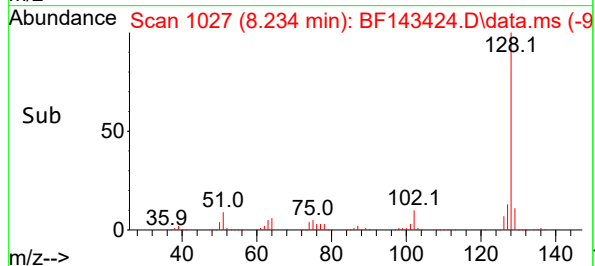
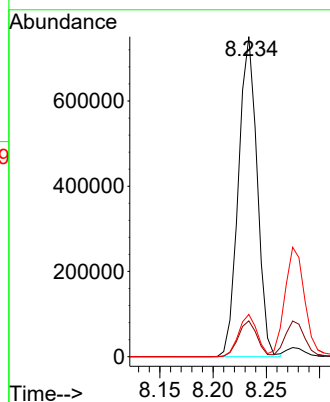
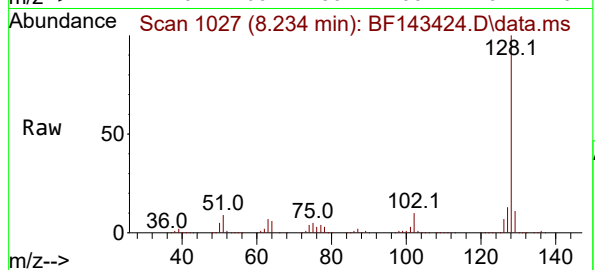
Tgt Ion:128 Resp: 917858

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.2 10.6 16.0



#32

Benzoic acid

Concen: 41.403 ng

RT: 7.975 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

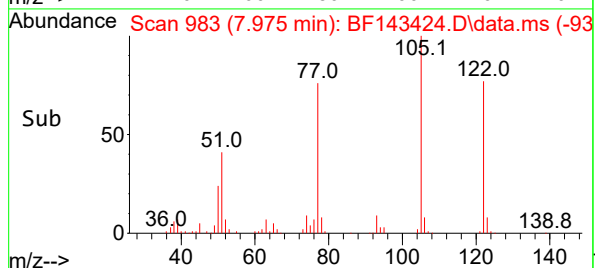
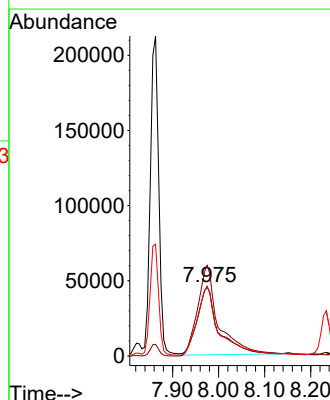
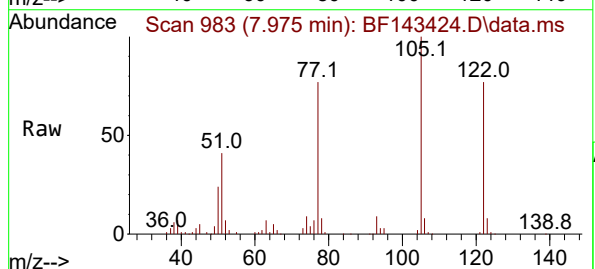
Tgt Ion:122 Resp: 145960

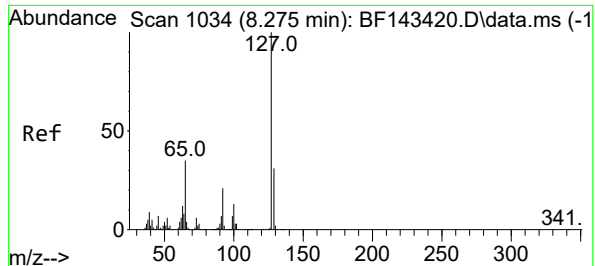
Ion Ratio Lower Upper

122 100

105 130.7 108.4 148.4

77 100.3 75.9 115.9

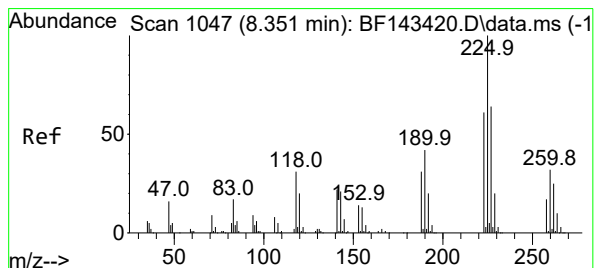
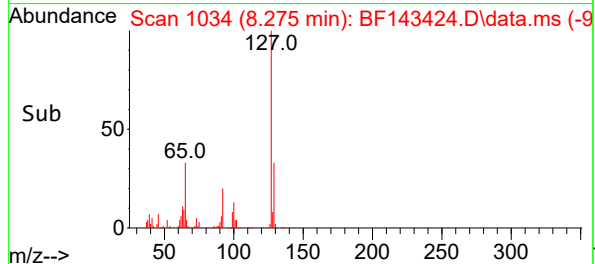
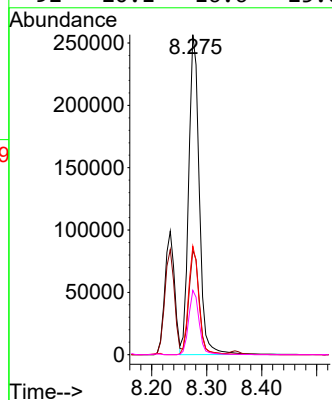
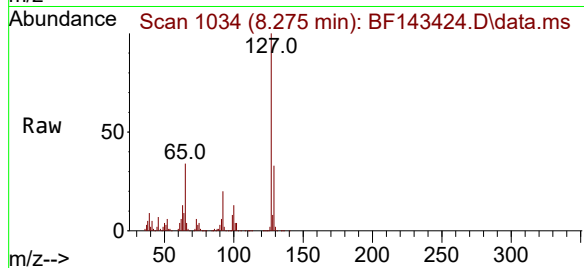




#33
4-Chloroaniline
Concen: 40.630 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

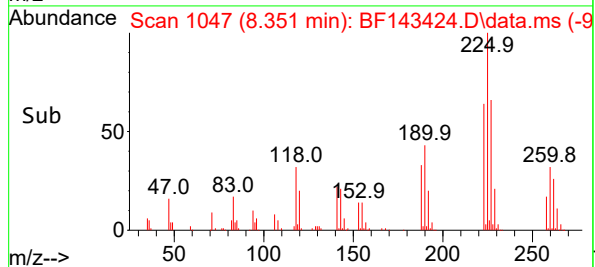
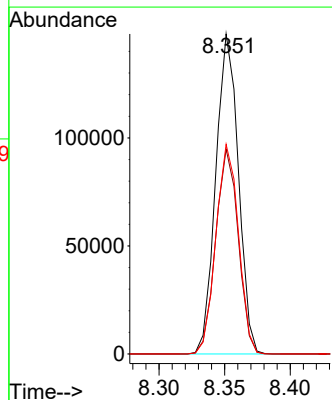
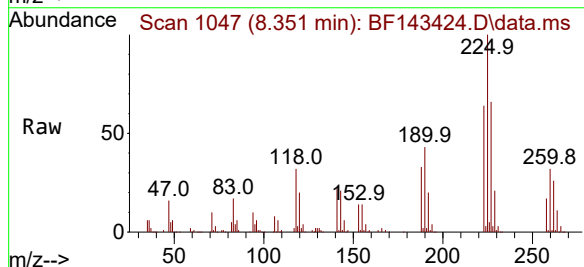
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

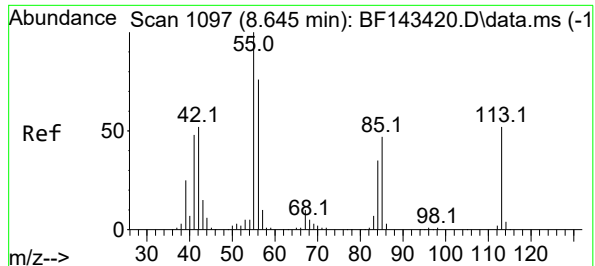
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.8
65	33.9	27.2	40.8
92	20.1	16.6	25.0



#34
Hexachlorobutadiene
Concen: 39.224 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.0	73.6
227	65.5	51.1	76.7

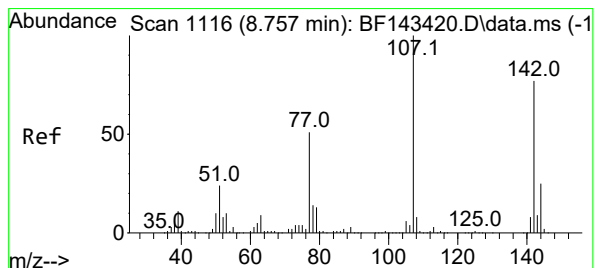
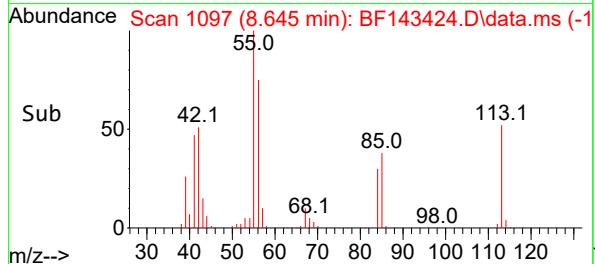
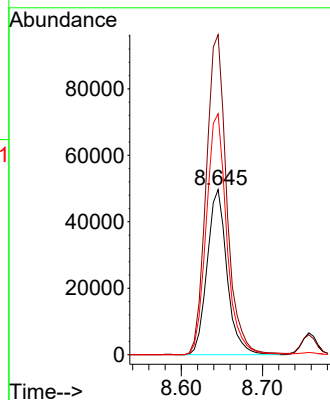
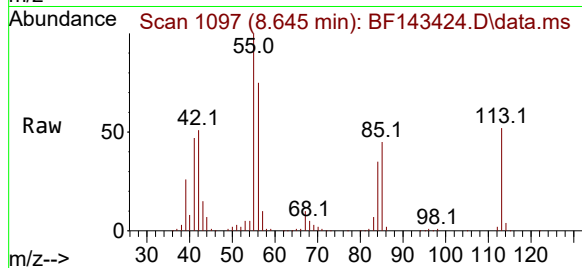




#35
Caprolactam
Concen: 42.330 ng
RT: 8.645 min Scan# 1097
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

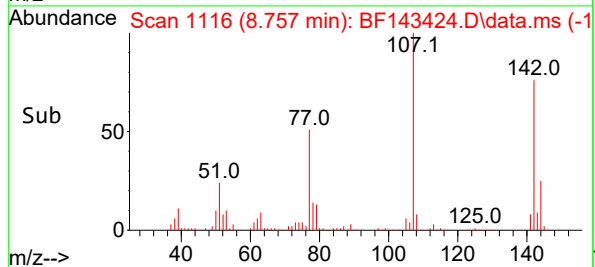
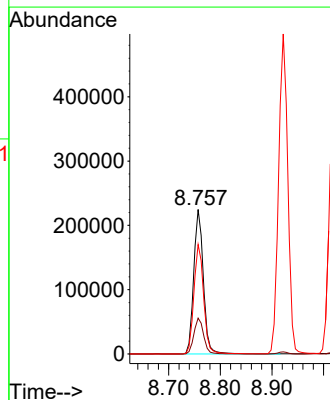
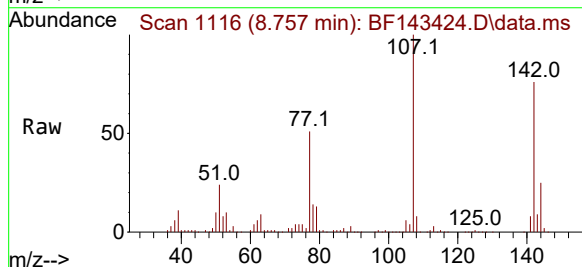
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

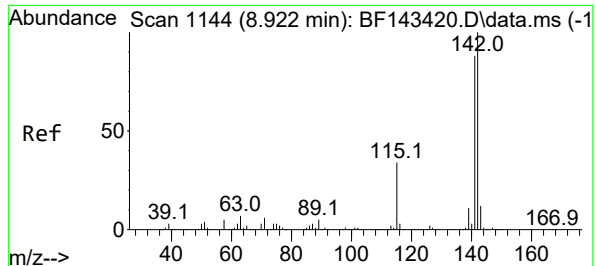
Tgt Ion	Ratio	Lower	Upper
113	100		
55	193.9	174.7	214.7
56	146.0	127.0	167.0



#36
4-Chloro-3-methylphenol
Concen: 40.997 ng
RT: 8.757 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.2	30.2
142	75.7	62.0	93.0

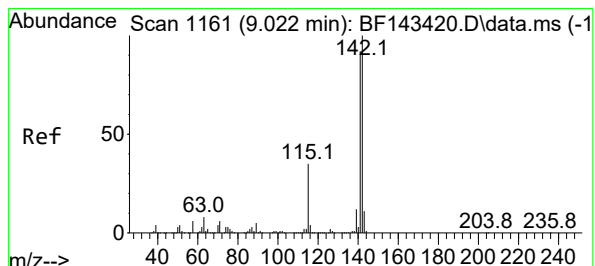
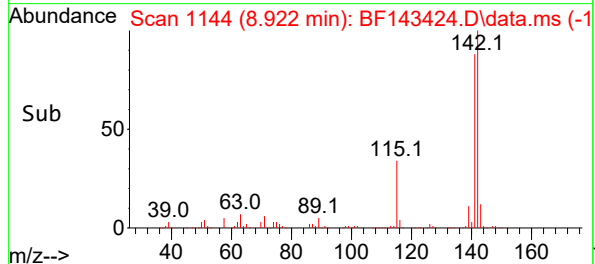
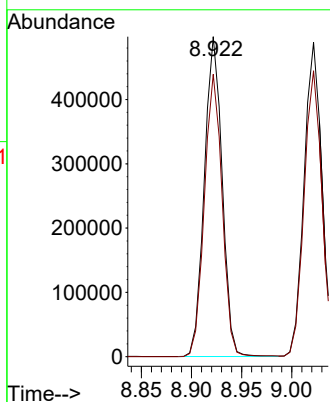
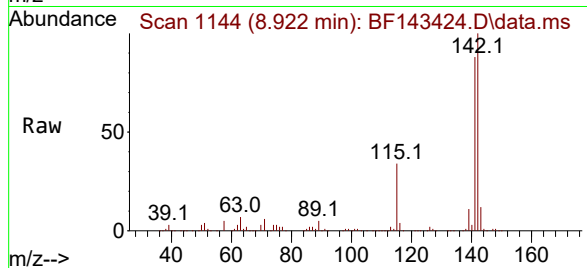




#37
2-Methylnaphthalene
Concen: 39.196 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

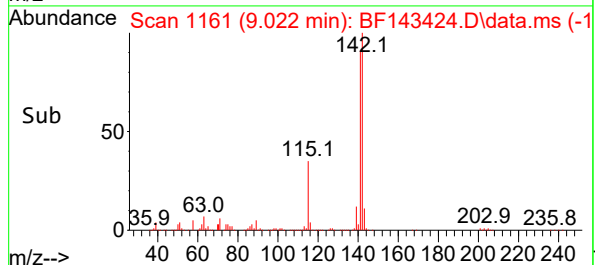
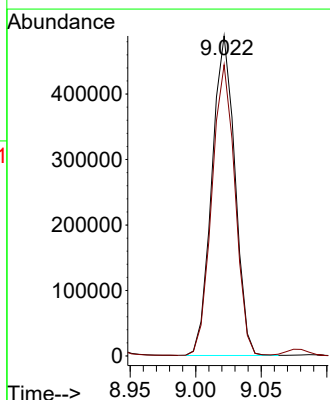
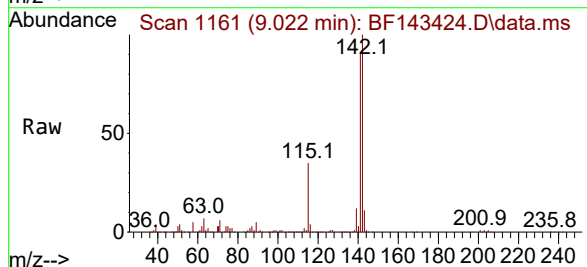
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

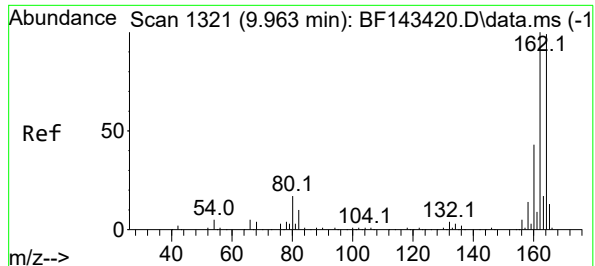
Tgt Ion:142 Resp: 615873
Ion Ratio Lower Upper
142 100
141 88.2 70.3 105.5



#38
1-Methylnaphthalene
Concen: 39.623 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:142 Resp: 596492
Ion Ratio Lower Upper
142 100
141 91.0 73.8 110.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF143424.D

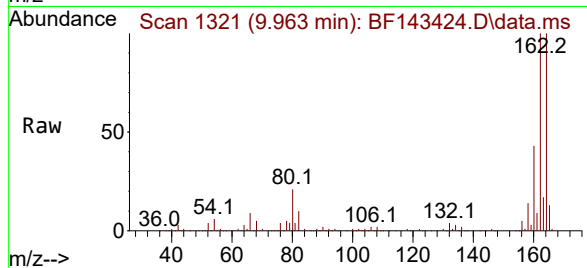
Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525



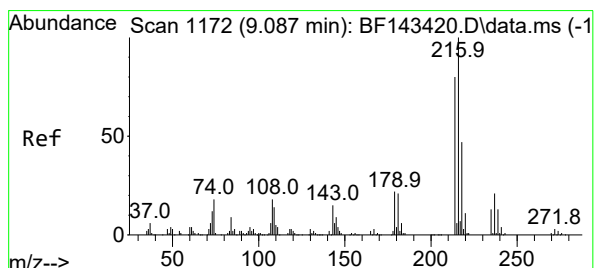
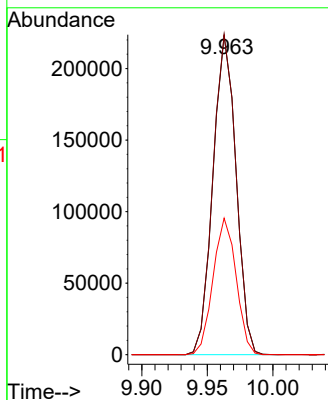
Tgt Ion:164 Resp: 272709

Ion Ratio Lower Upper

164 100

162 100.3 80.6 121.0

160 42.8 34.6 51.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.145 ng

RT: 9.086 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Tgt Ion:216 Resp: 297713

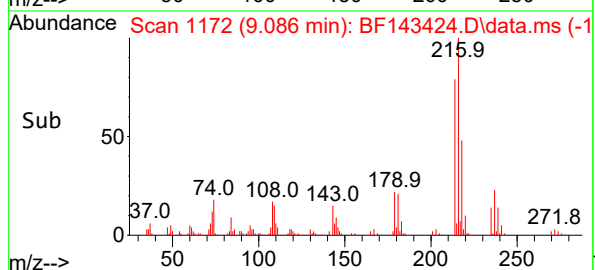
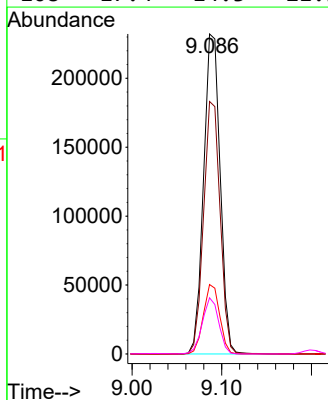
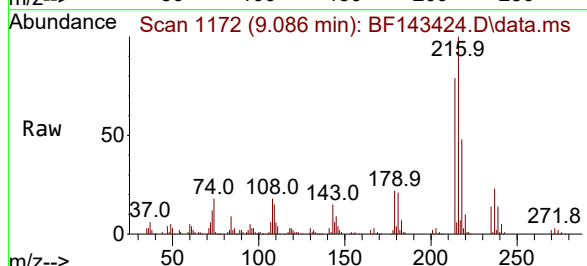
Ion Ratio Lower Upper

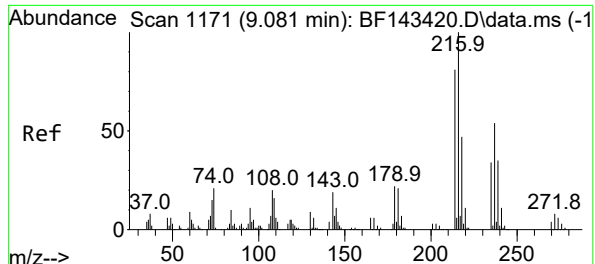
216 100

214 78.7 63.7 95.5

179 21.3 17.0 25.4

108 17.4 14.3 21.5

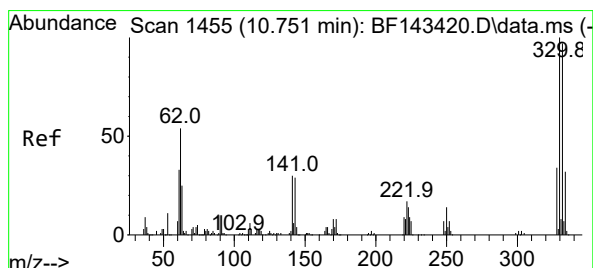
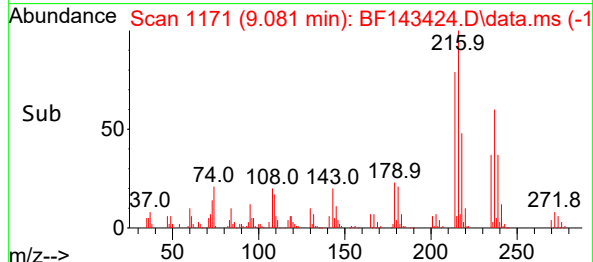
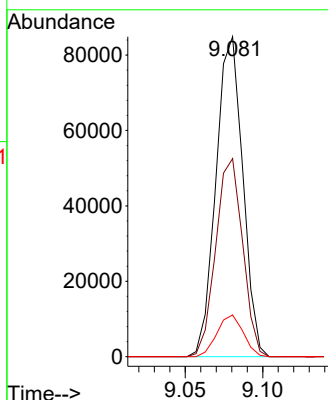
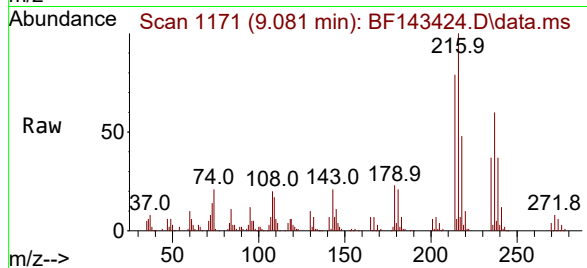




#41
Hexachlorocyclopentadiene
Concen: 40.416 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

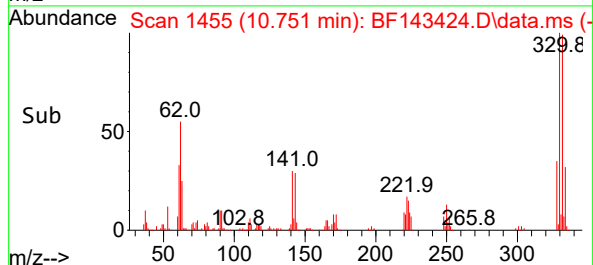
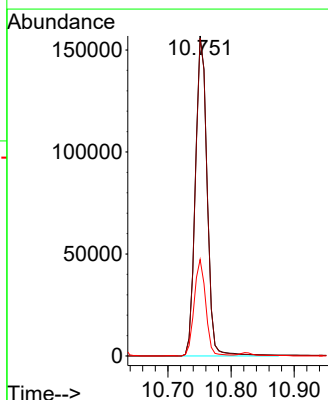
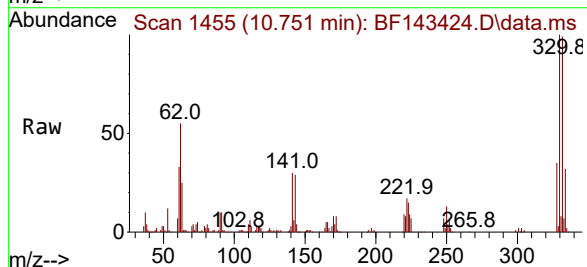
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

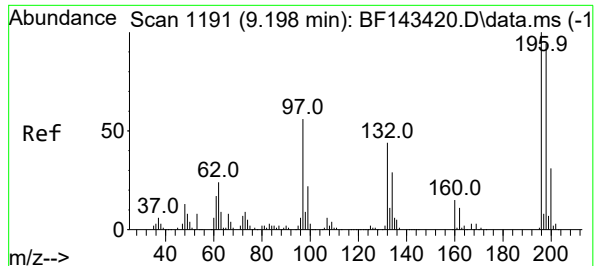
Tgt Ion: 237 Resp: 102238
Ion Ratio Lower Upper
237 100
235 61.9 41.6 81.6
272 13.0 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 83.344 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion: 330 Resp: 202301
Ion Ratio Lower Upper
330 100
332 99.5 77.4 116.2
141 29.7 24.1 36.1





#43

2,4,6-Trichlorophenol

Concen: 40.774 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF143424.D

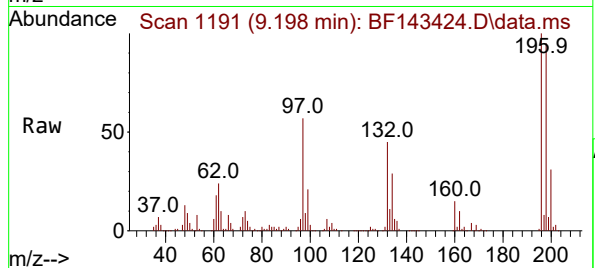
Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525



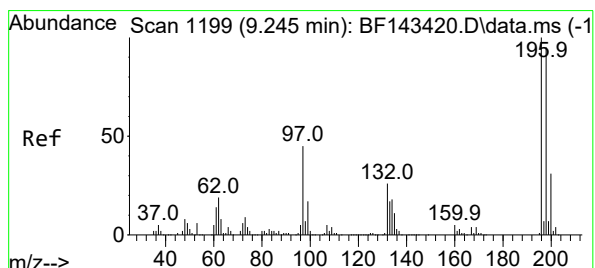
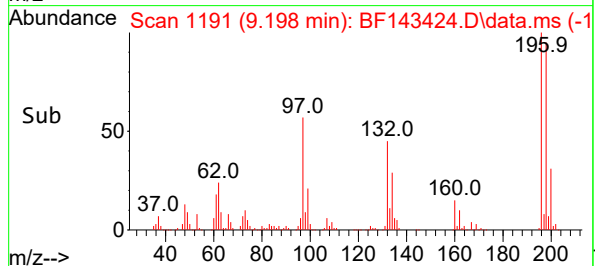
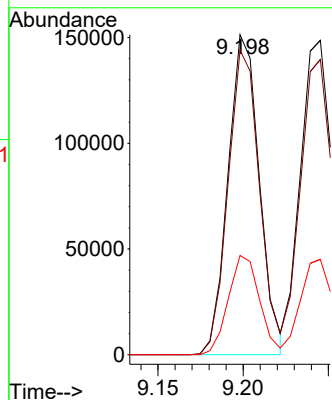
Tgt Ion:196 Resp: 193444

Ion Ratio Lower Upper

196 100

198 95.1 75.4 113.2

200 31.0 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 41.305 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Tgt Ion:196 Resp: 210061

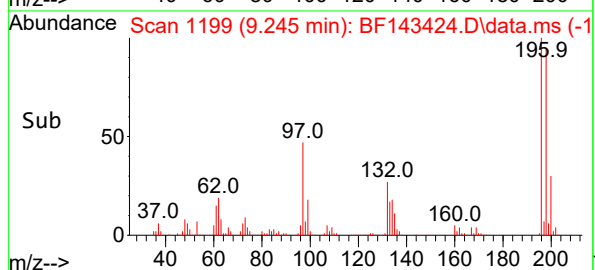
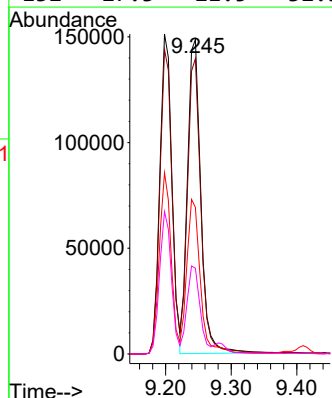
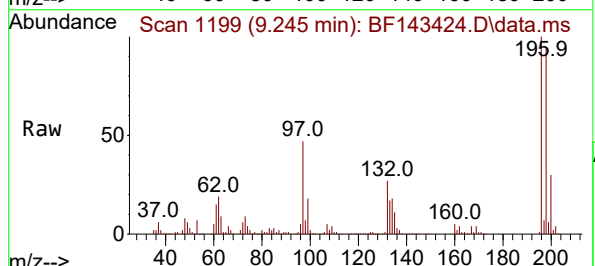
Ion Ratio Lower Upper

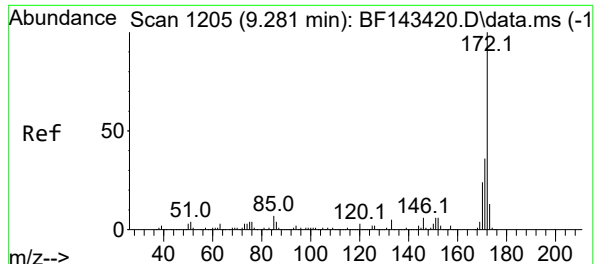
196 100

198 93.9 76.2 114.4

97 46.6 36.6 55.0

132 27.3 21.5 32.3





#45

2-Fluorobiphenyl

Concen: 76.538 ng

RT: 9.281 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

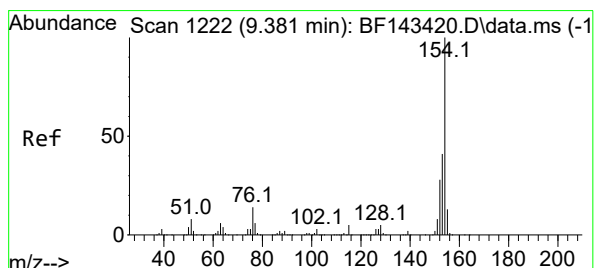
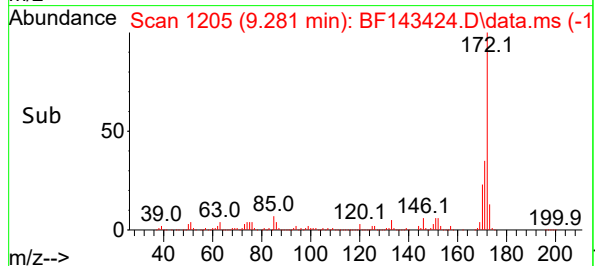
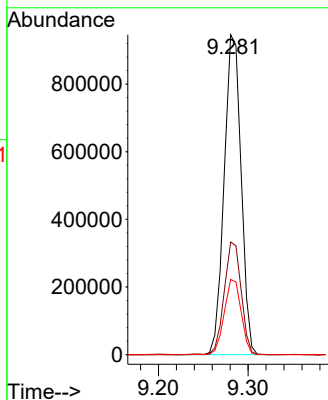
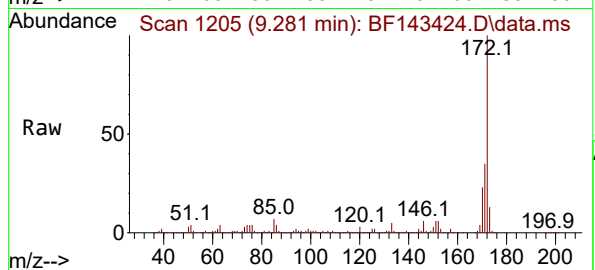
Tgt Ion:172 Resp: 1240954

Ion Ratio Lower Upper

172 100

171 35.2 28.7 43.1

170 23.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 39.081 ng

RT: 9.386 min Scan# 1223

Delta R.T. 0.006 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

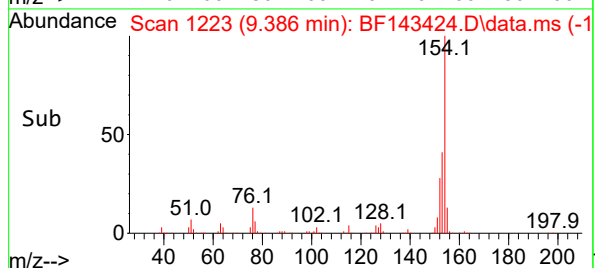
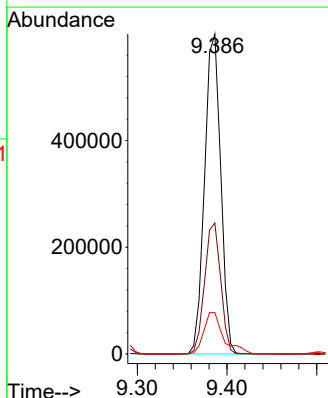
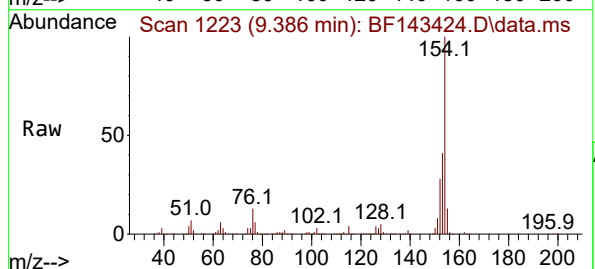
Tgt Ion:154 Resp: 748830

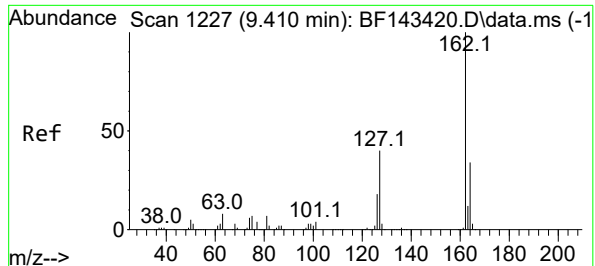
Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

76 13.0 0.0 33.8





#47

2-Chloronaphthalene

Concen: 39.058 ng

RT: 9.410 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

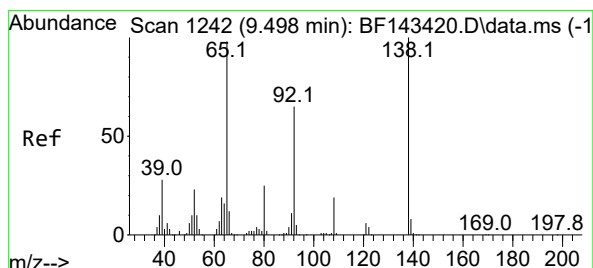
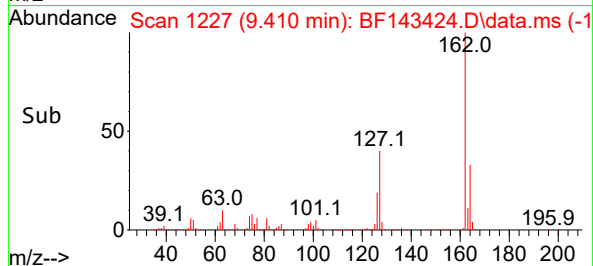
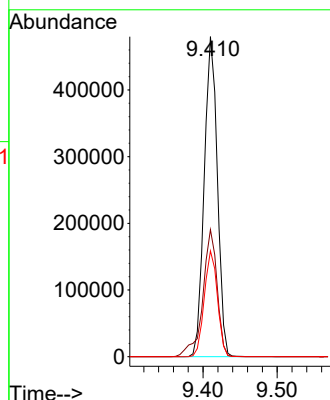
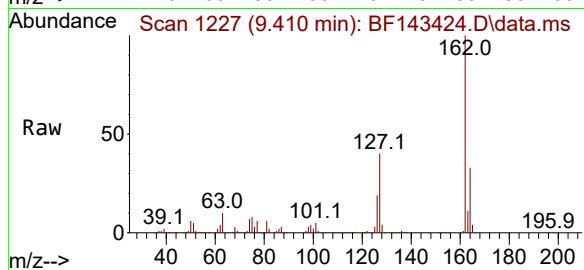
Tgt Ion:162 Resp: 590752

Ion Ratio Lower Upper

162 100

127 39.7 32.3 48.5

164 33.0 26.9 40.3



#48

2-Nitroaniline

Concen: 42.141 ng

RT: 9.504 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

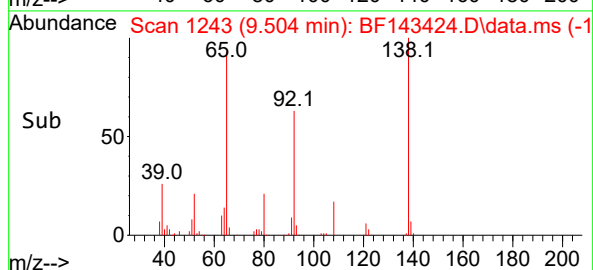
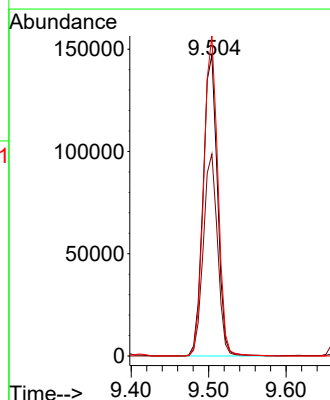
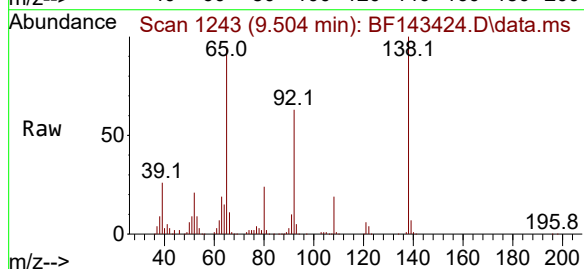
Tgt Ion: 65 Resp: 189676

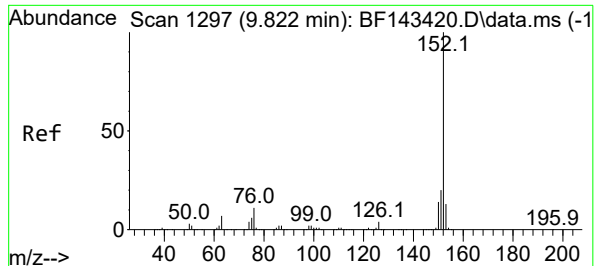
Ion Ratio Lower Upper

65 100

92 67.1 52.9 79.3

138 106.4 81.3 121.9





#49

Acenaphthylene

Concen: 39.677 ng

RT: 9.822 min Scan# 1297

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

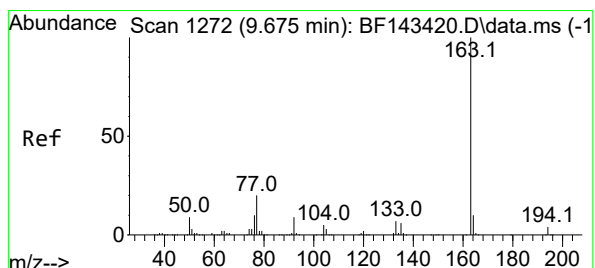
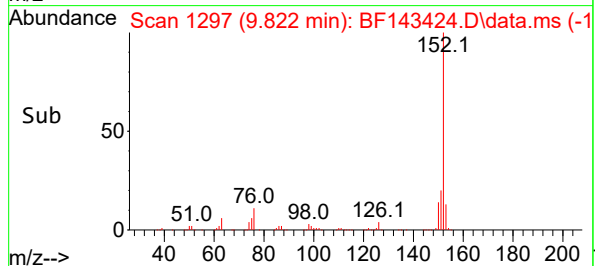
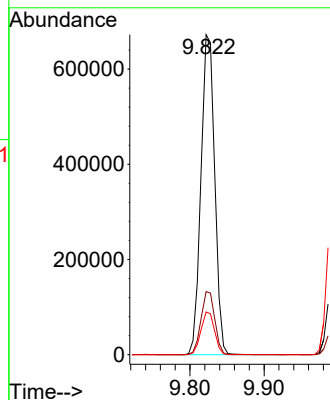
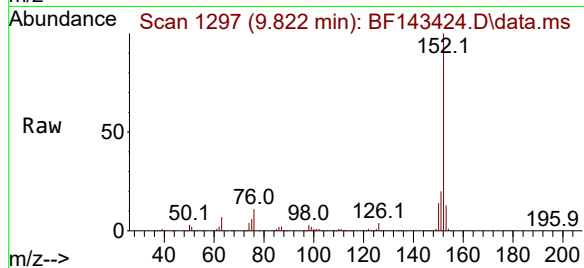
Tgt Ion:152 Resp: 866445

Ion Ratio Lower Upper

152 100

151 19.7 16.0 24.0

153 13.4 10.8 16.2



#50

Dimethylphthalate

Concen: 40.394 ng

RT: 9.675 min Scan# 1272

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

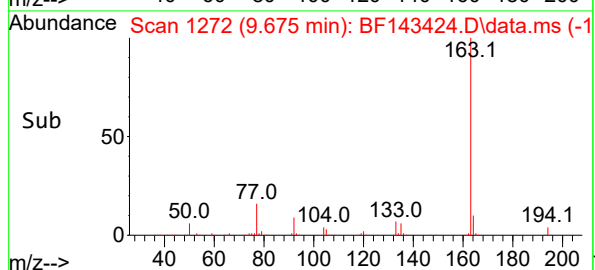
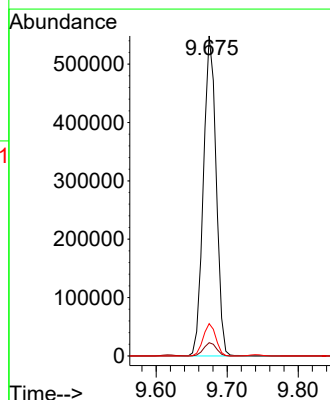
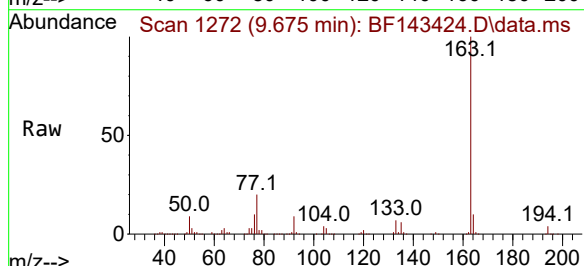
Tgt Ion:163 Resp: 686793

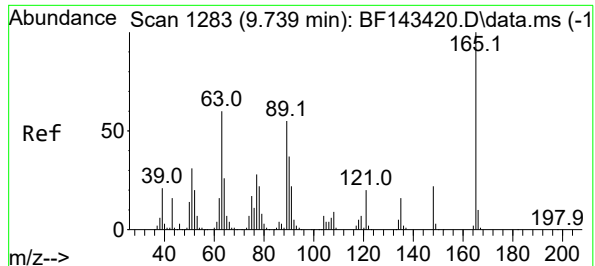
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.1 8.2 12.4

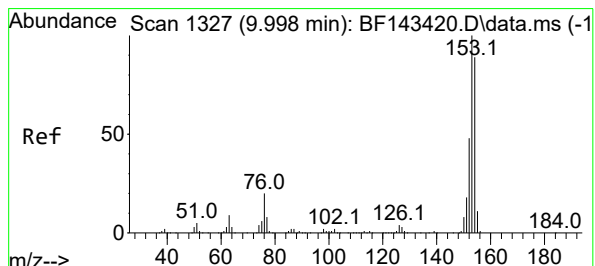
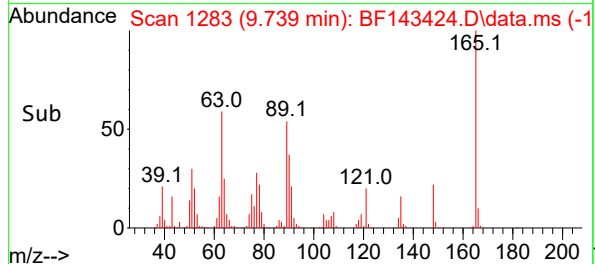
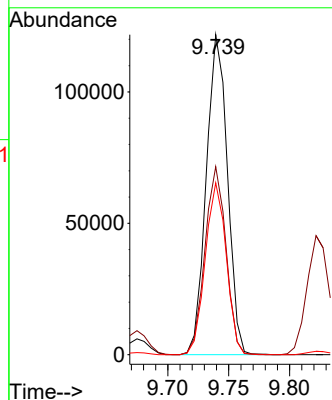
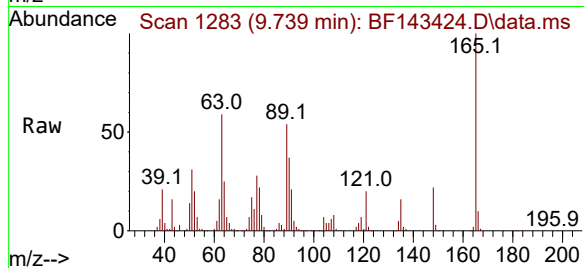




#51
2,6-Dinitrotoluene
Concen: 43.842 ng
RT: 9.739 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

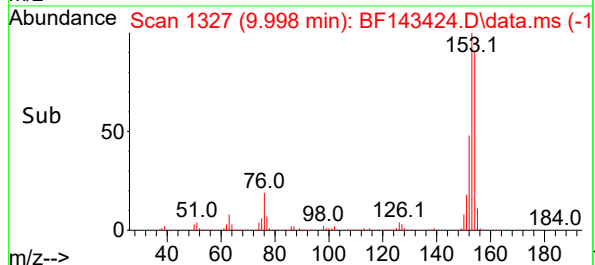
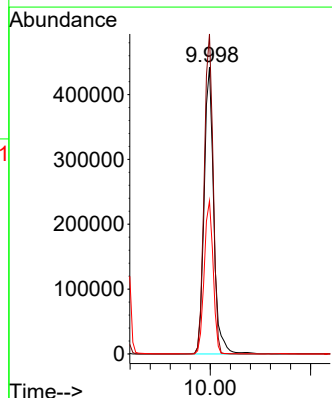
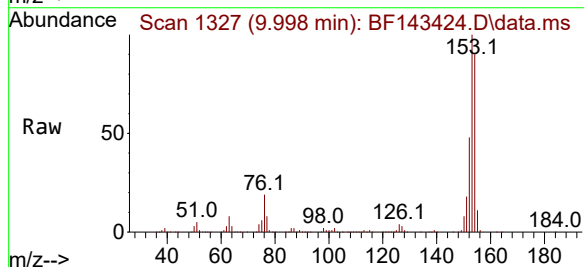
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

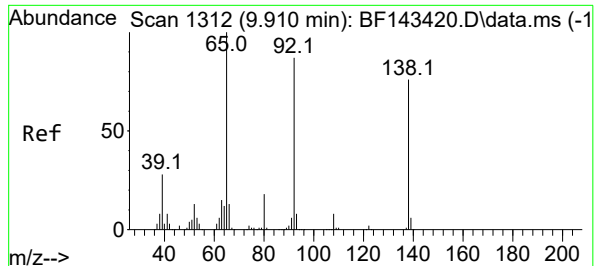
Tgt Ion:165 Resp: 146942
Ion Ratio Lower Upper
165 100
63 58.7 48.2 72.2
89 53.7 44.2 66.2



#52
Acenaphthene
Concen: 40.115 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:154 Resp: 589195
Ion Ratio Lower Upper
154 100
153 111.6 89.5 134.3
152 53.4 42.6 64.0

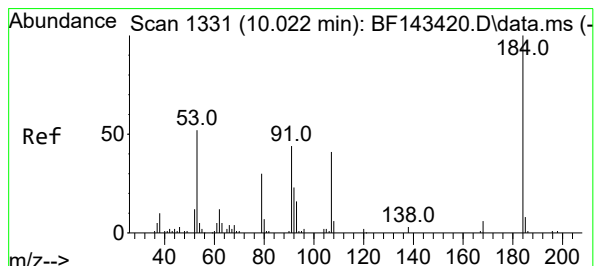
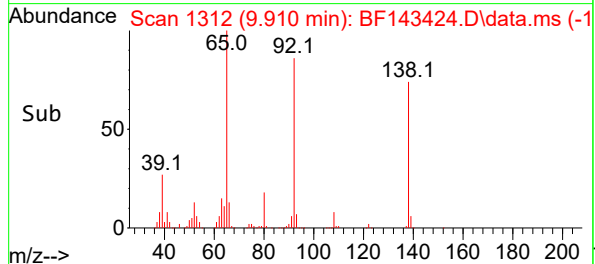
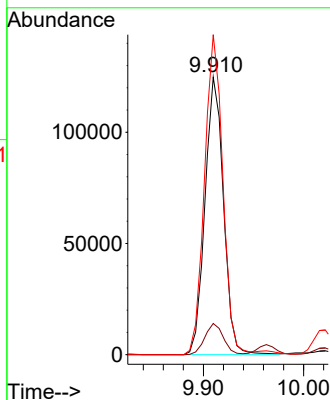
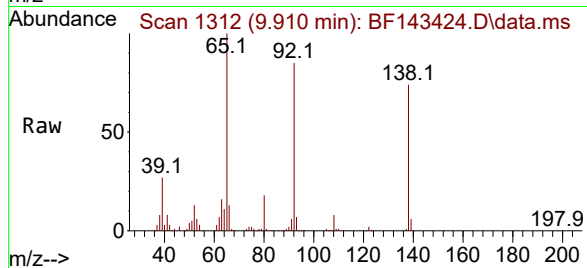




#53
3-Nitroaniline
Concen: 43.062 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

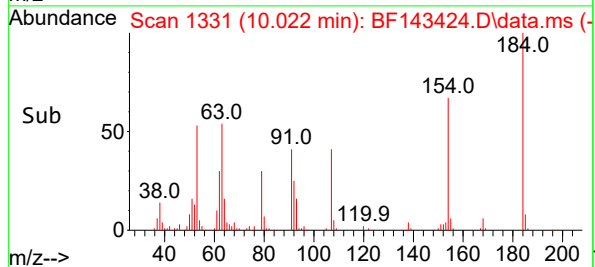
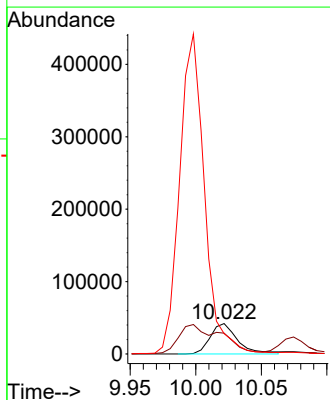
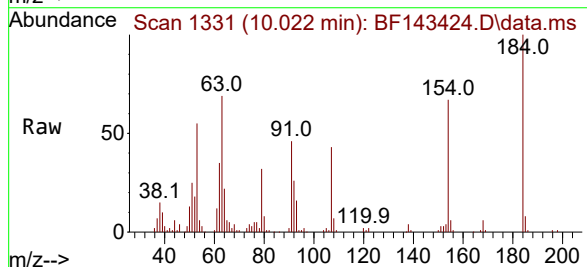
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

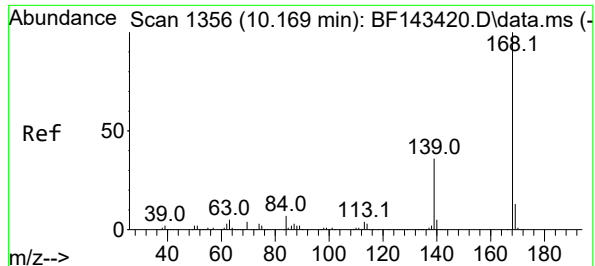
Tgt Ion:138 Resp: 160770
Ion Ratio Lower Upper
138 100
108 11.2 8.7 13.1
92 115.3 91.4 137.2



#54
2,4-Dinitrophenol
Concen: 41.967 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:184 Resp: 60785
Ion Ratio Lower Upper
184 100
63 68.6 53.2 79.8
154 67.0 51.3 76.9





#55

Dibenzofuran

Concen: 39.033 ng

RT: 10.169 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

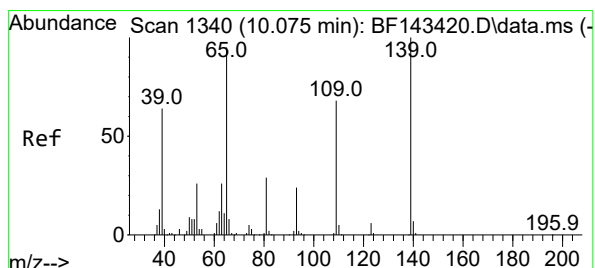
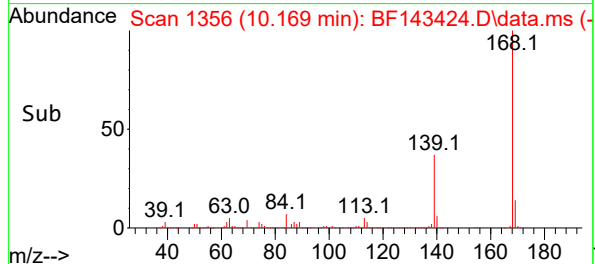
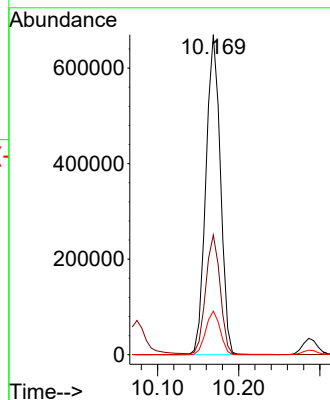
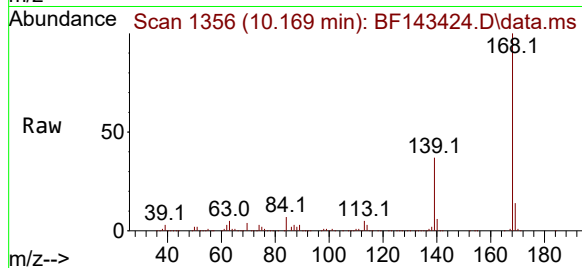
Tgt Ion:168 Resp: 827034

Ion Ratio Lower Upper

168 100

139 37.4 29.3 43.9

169 13.6 10.8 16.2



#56

4-Nitrophenol

Concen: 44.464 ng

RT: 10.075 min Scan# 1340

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

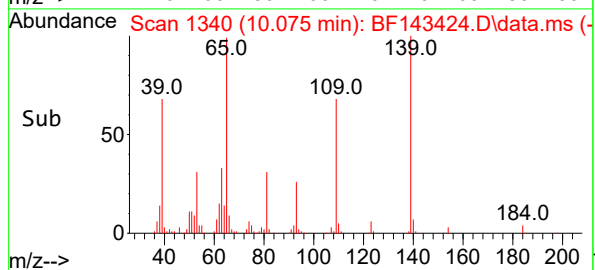
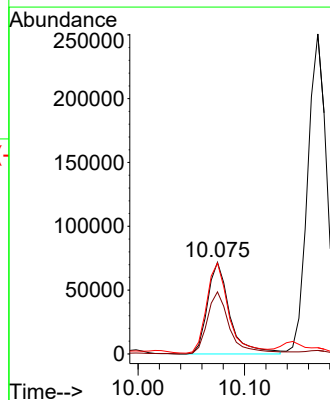
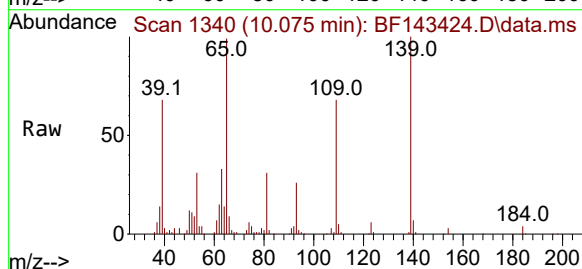
Tgt Ion:139 Resp: 104368

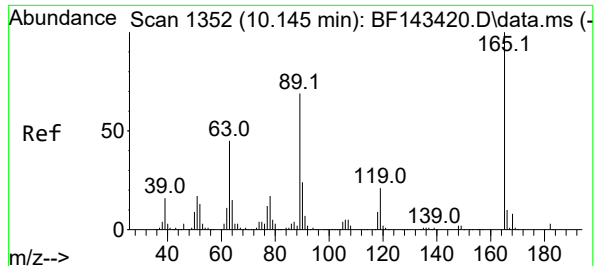
Ion Ratio Lower Upper

139 100

109 67.7 47.7 87.7

65 99.2 76.4 116.4

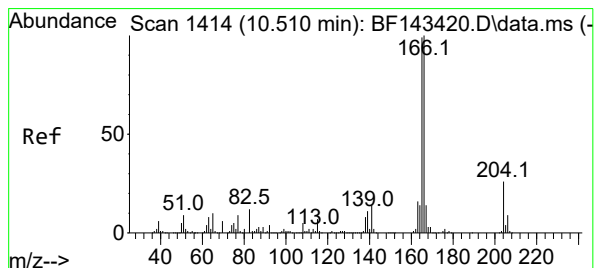
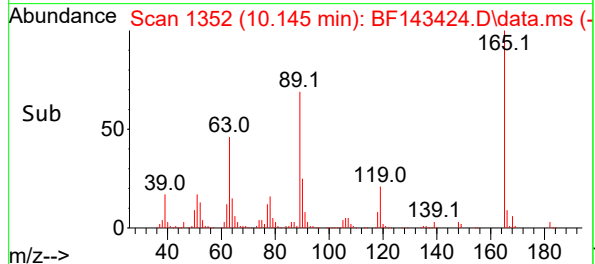
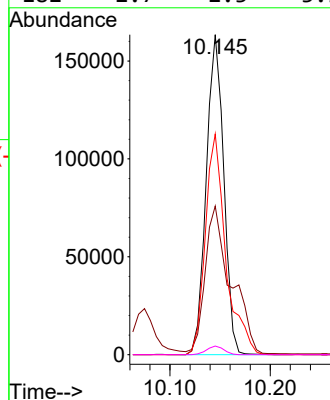
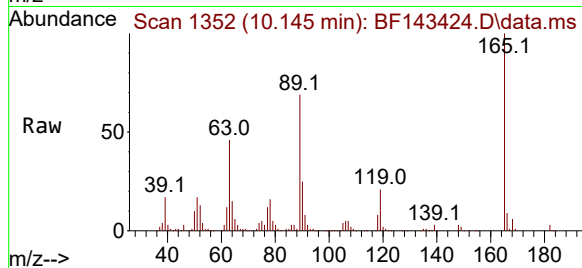




#57
2,4-Dinitrotoluene
Concen: 44.386 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

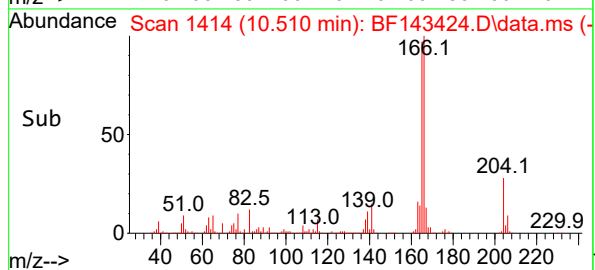
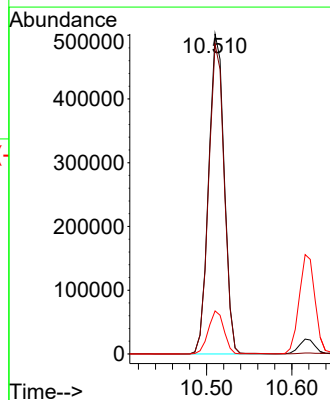
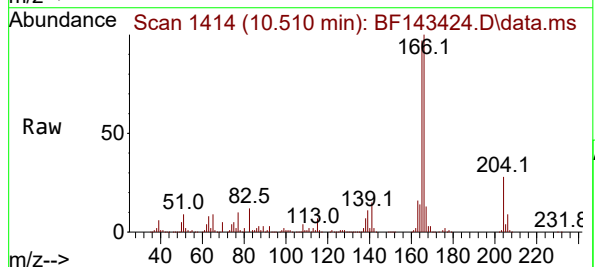
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

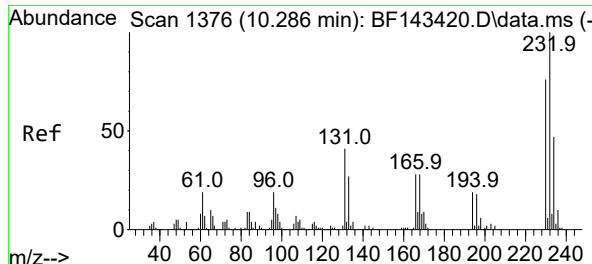
Tgt Ion:165 Resp: 198343
Ion Ratio Lower Upper
165 100
63 46.4 37.0 55.6
89 68.9 55.4 83.0
182 2.7 2.3 3.5



#58
Fluorene
Concen: 39.070 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

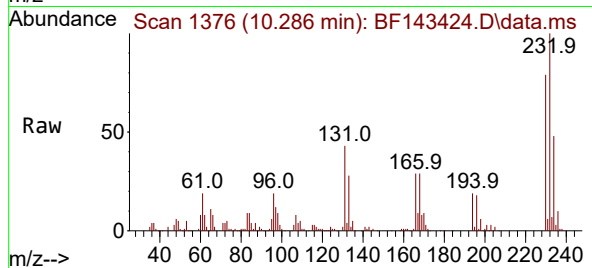
Tgt Ion:166 Resp: 635952
Ion Ratio Lower Upper
166 100
165 96.8 79.0 118.6
167 13.5 10.9 16.3



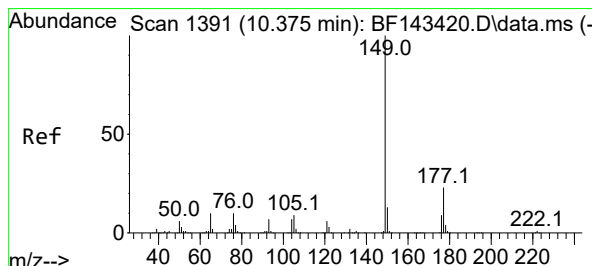
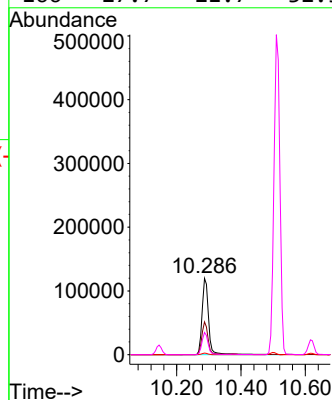
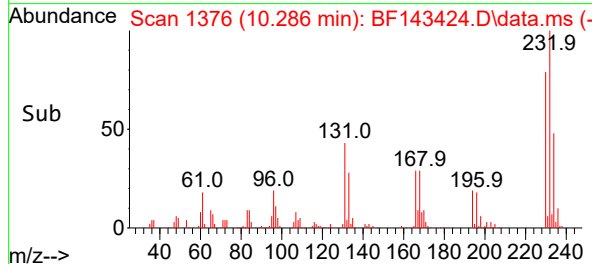


#59
2,3,4,6-Tetrachlorophenol
Concen: 43.424 ng
RT: 10.286 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

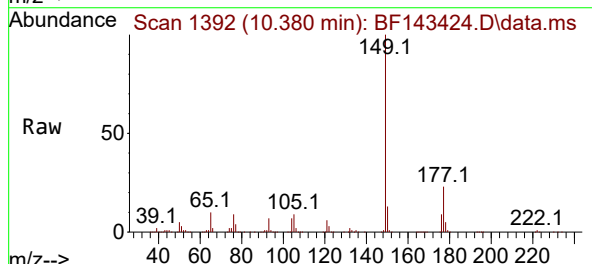
Instrument :
BNA_F
ClientSampleId :
ICVBF081525



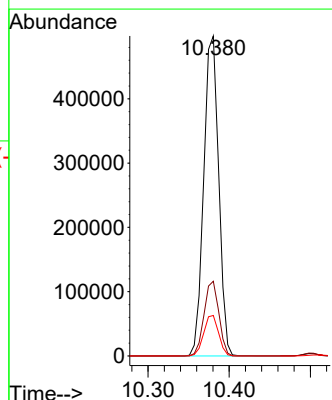
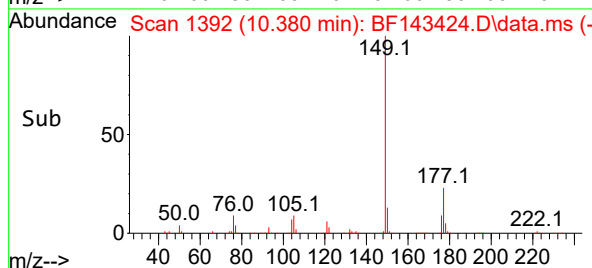
Tgt Ion:232 Resp: 167166
Ion Ratio Lower Upper
232 100
131 40.7 32.0 48.0
130 1.9 1.7 2.5
166 27.7 21.7 32.5

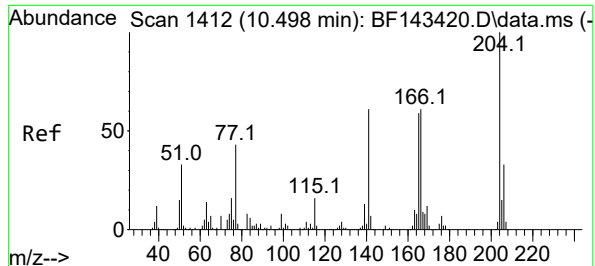


#60
Diethylphthalate
Concen: 40.514 ng
RT: 10.380 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57



Tgt Ion:149 Resp: 636541
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.4
150 12.6 10.1 15.1

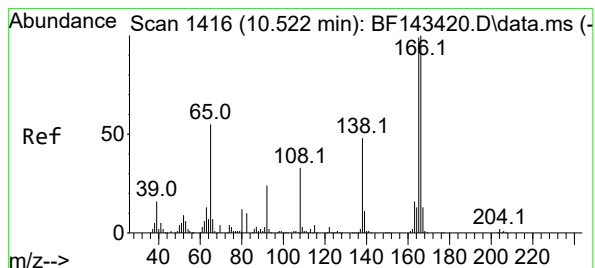
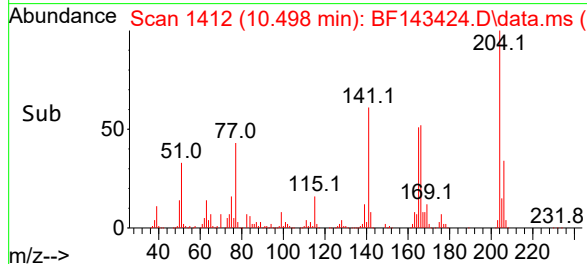
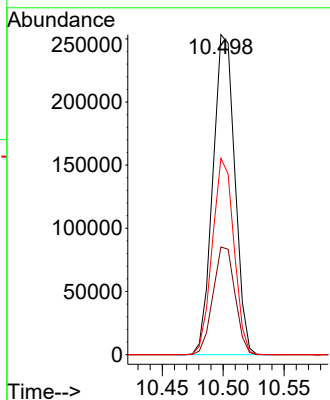
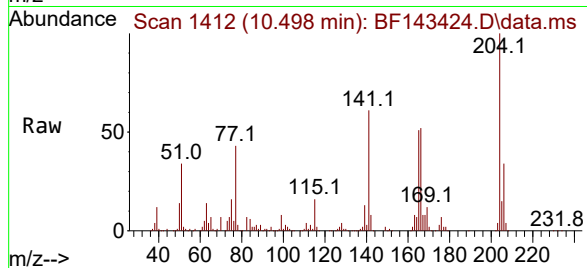




#61
4-Chlorophenyl-phenylether
Concen: 39.533 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

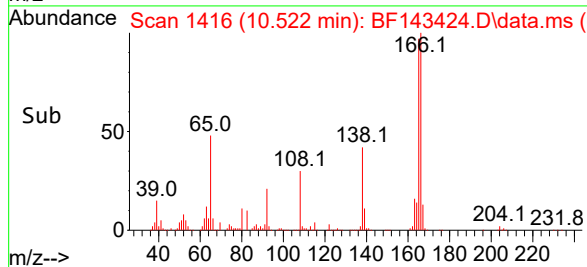
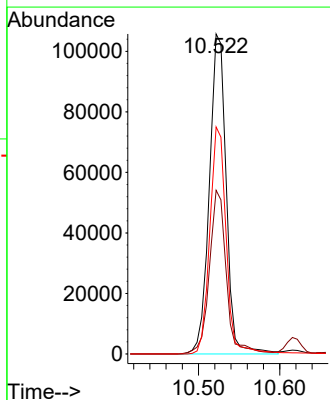
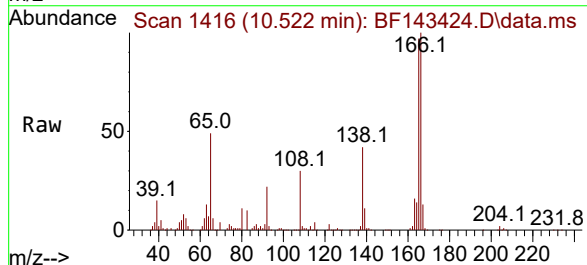
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

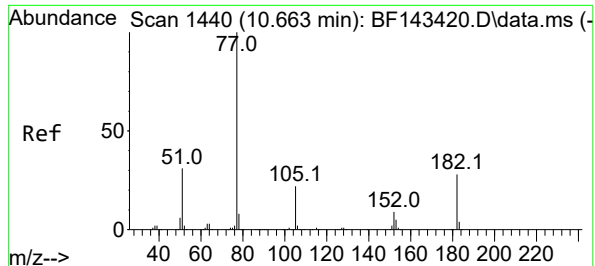
Tgt Ion:204 Resp: 318141
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 61.3 49.0 73.4



#62
4-Nitroaniline
Concen: 43.604 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:138 Resp: 152248
Ion Ratio Lower Upper
138 100
92 51.2 29.4 69.4
108 71.0 48.6 88.6

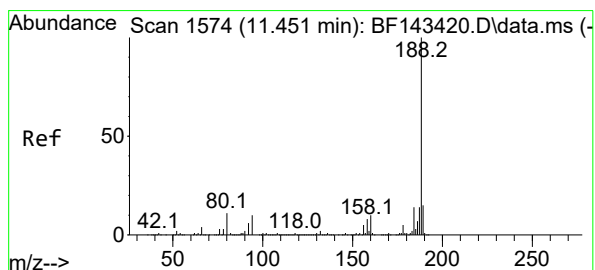
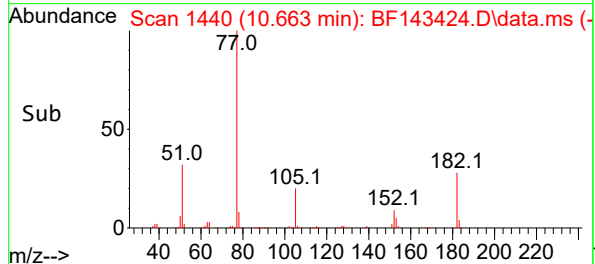
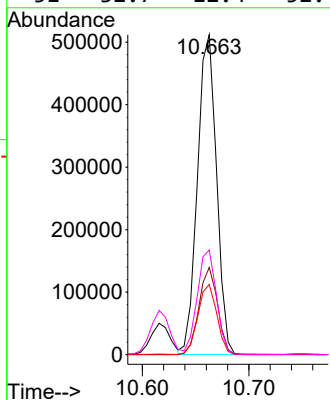
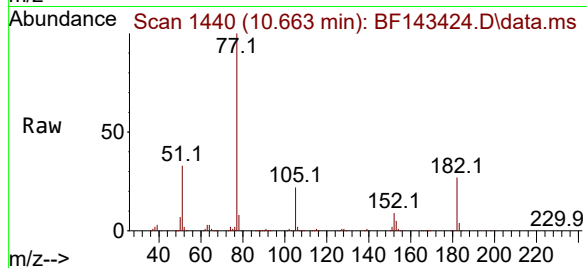




#63
Azobenzene
Concen: 40.143 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

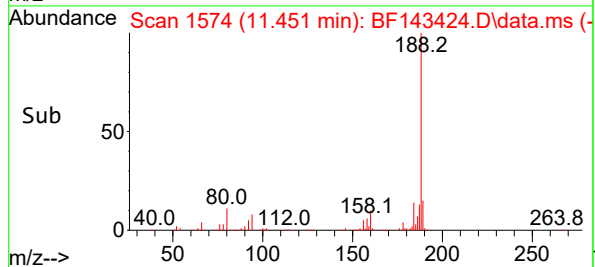
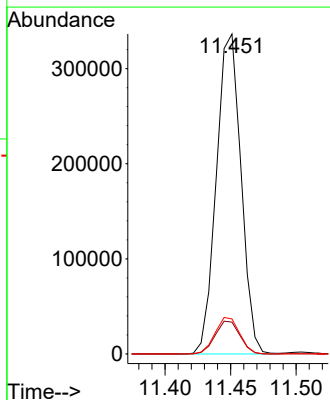
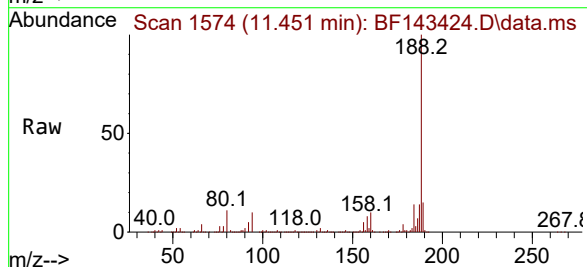
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

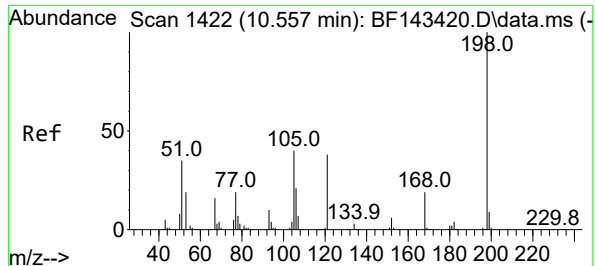
Tgt Ion: 77 Resp: 637467
Ion Ratio Lower Upper
77 100
182 27.2 7.4 47.4
105 21.9 1.7 41.7
51 32.7 12.4 52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion: 188 Resp: 440330
Ion Ratio Lower Upper
188 100
94 10.0 8.0 12.0
80 10.9 8.6 12.8

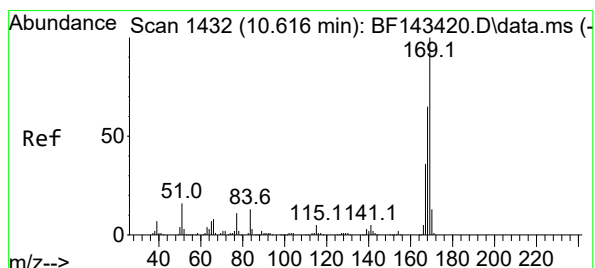
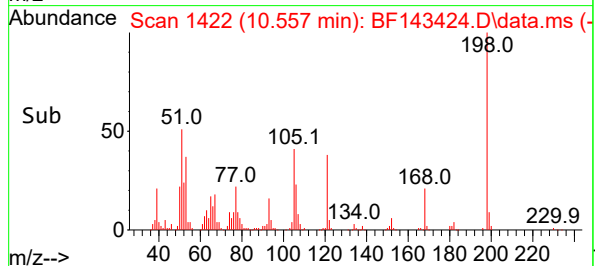
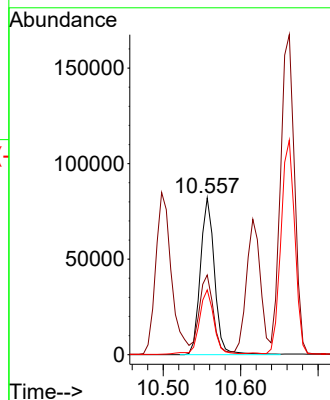
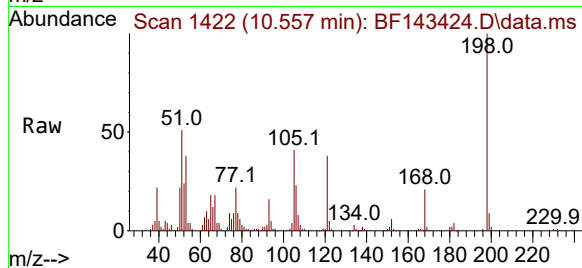




#65
4,6-Dinitro-2-methylphenol
Concen: 45.779 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

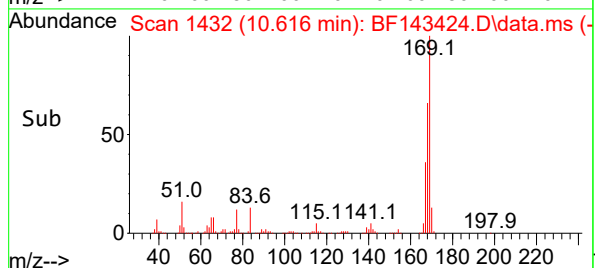
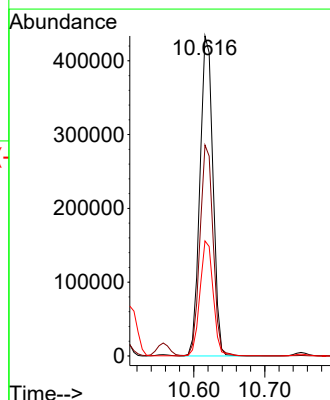
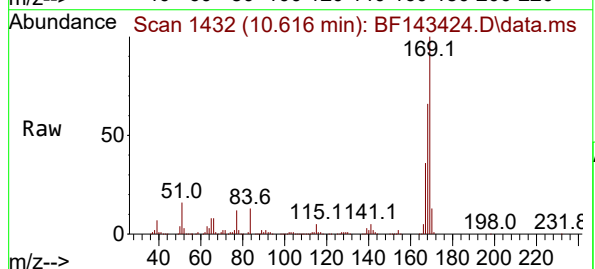
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

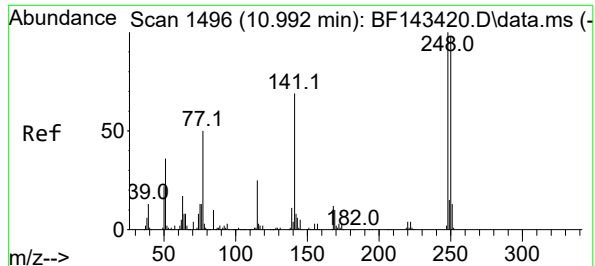
Tgt Ion:198 Resp: 104008
Ion Ratio Lower Upper
198 100
51 50.8 31.2 71.2
105 41.3 21.7 61.7



#66
n-Nitrosodiphenylamine
Concen: 38.734 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:169 Resp: 554575
Ion Ratio Lower Upper
169 100
168 65.9 52.5 78.7
167 36.0 28.6 42.8

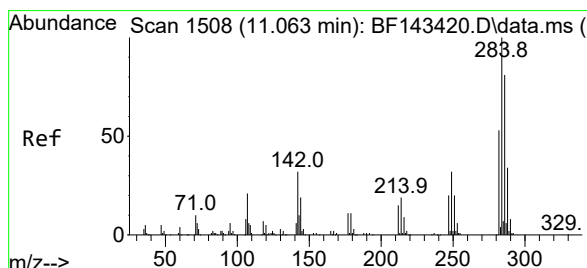
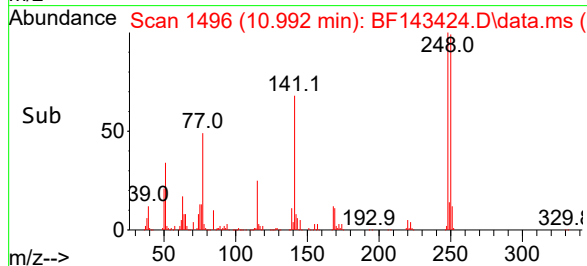
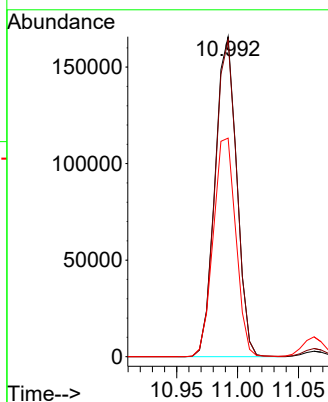
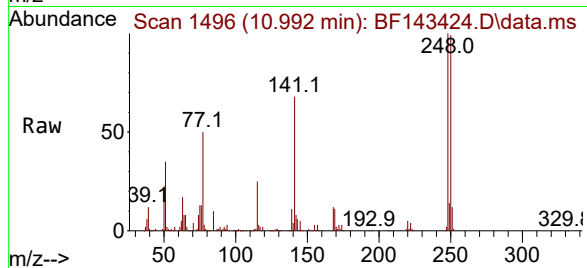




#67
4-Bromophenyl-phenylether
Concen: 39.547 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

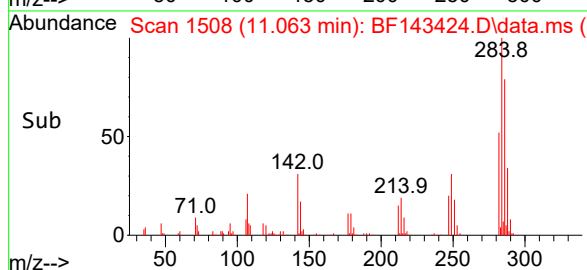
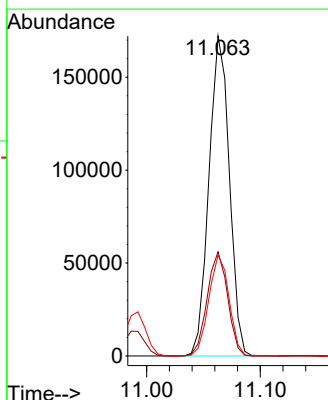
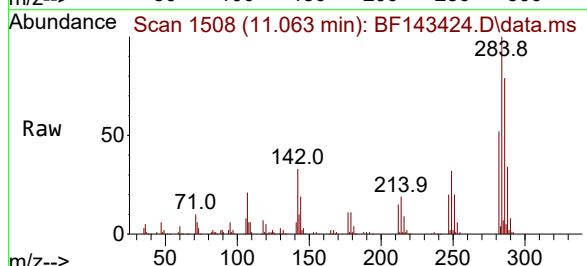
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

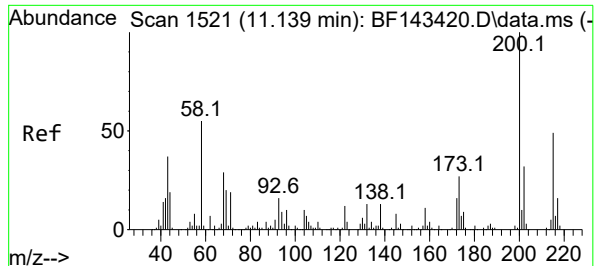
Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.0	78.6	118.0
141	68.3	54.9	82.3



#68
Hexachlorobenzene
Concen: 38.923 ng
RT: 11.063 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	25.4	38.2
249	31.5	25.4	38.0





#69

Atrazine

Concen: 42.361 ng

RT: 11.139 min Scan# 1521

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

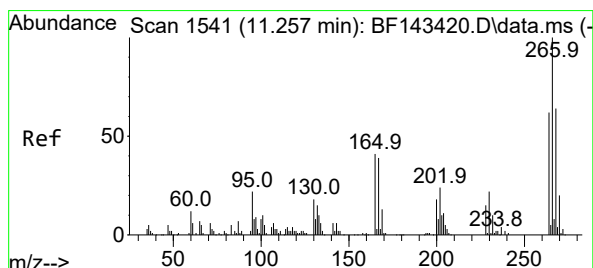
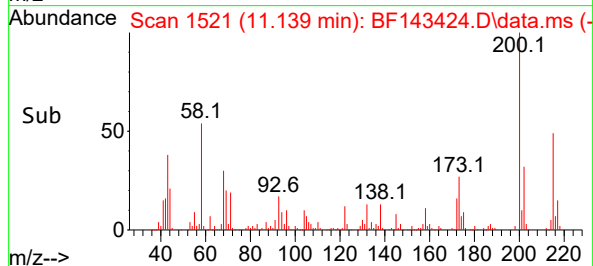
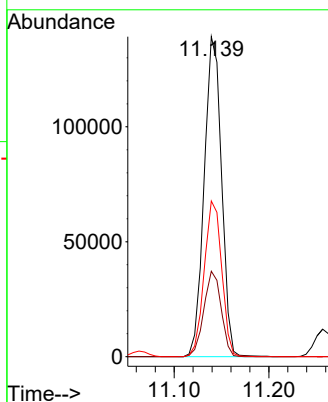
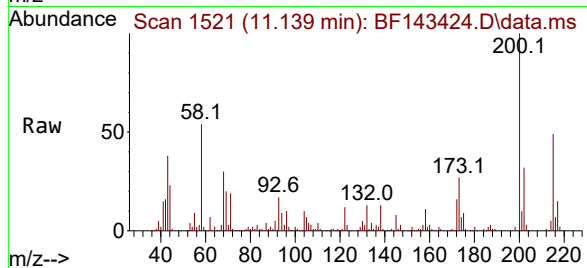
Tgt Ion:200 Resp: 177396

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

215 48.6 29.5 69.5



#70

Pentachlorophenol

Concen: 43.486 ng

RT: 11.257 min Scan# 1541

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

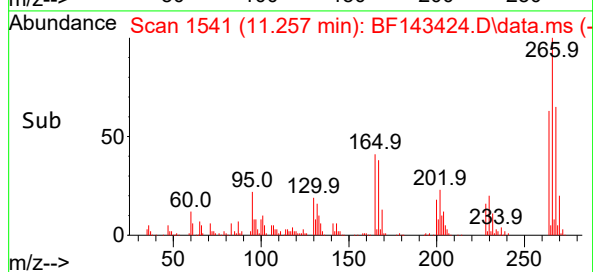
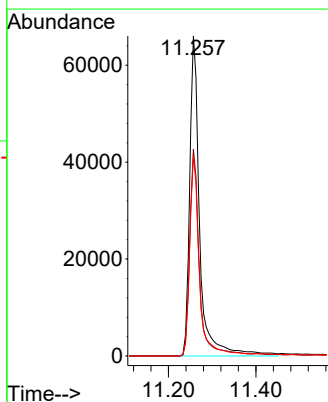
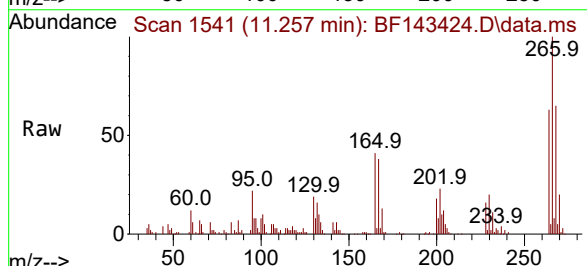
Tgt Ion:266 Resp: 105712

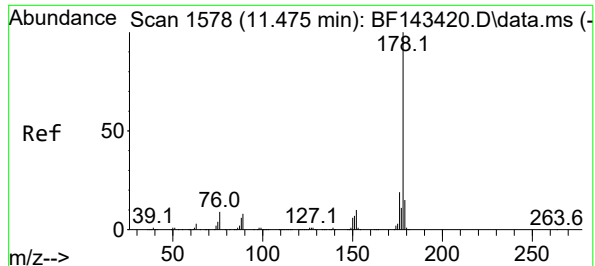
Ion Ratio Lower Upper

266 100

268 64.6 51.0 76.6

264 62.6 49.3 73.9

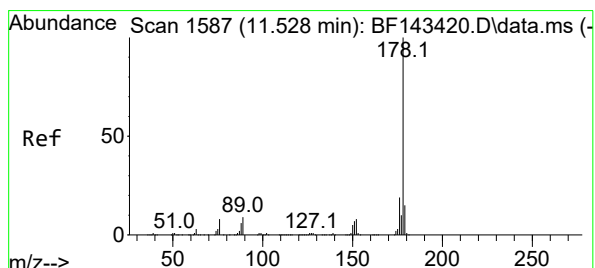
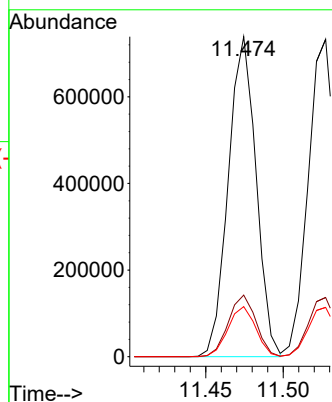
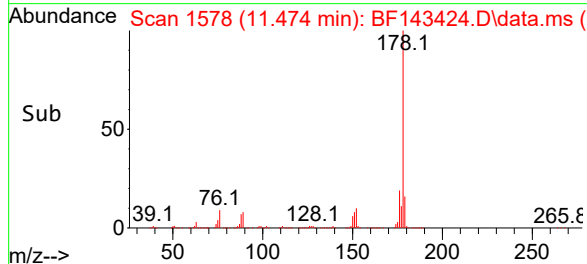
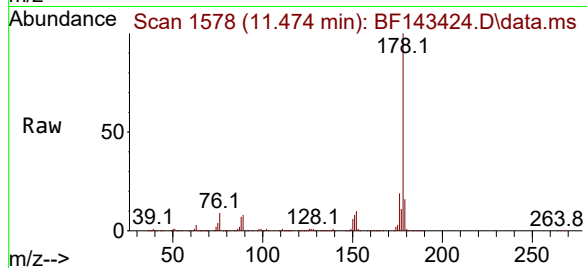




#71
Phenanthrene
Concen: 38.568 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

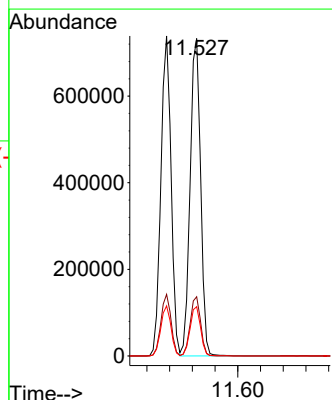
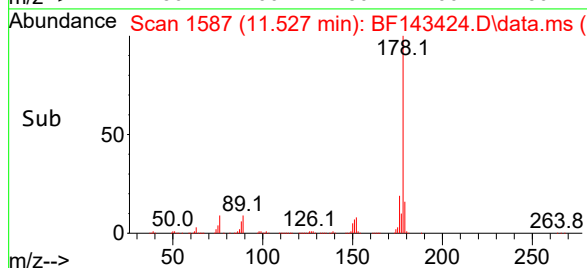
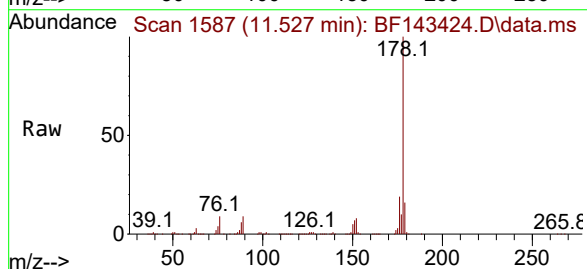
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

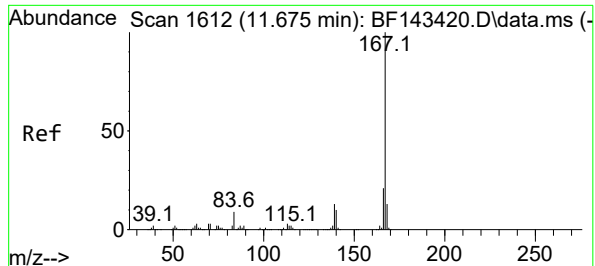
Tgt Ion:178 Resp: 919627
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.7 12.3 18.5



#72
Anthracene
Concen: 38.935 ng
RT: 11.527 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:178 Resp: 937696
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.5 12.2 18.4

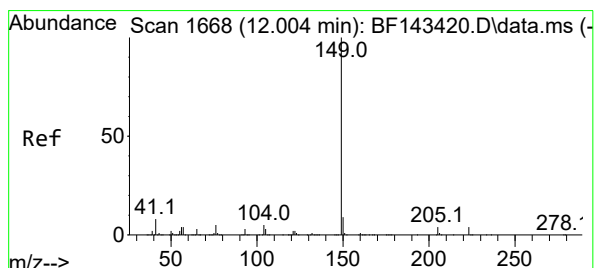
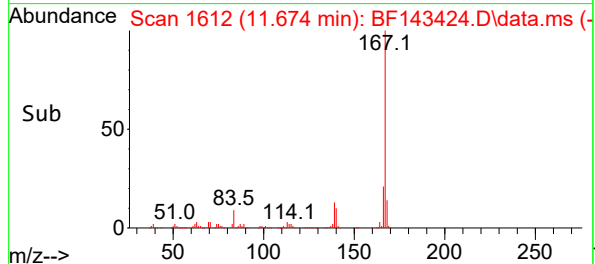
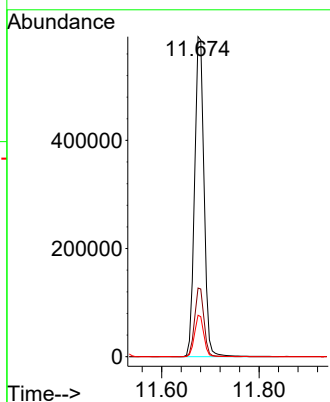
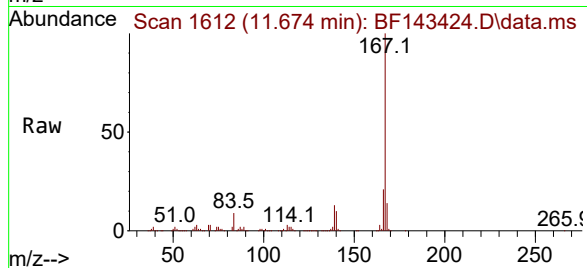




#73
Carbazole
Concen: 39.480 ng
RT: 11.674 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

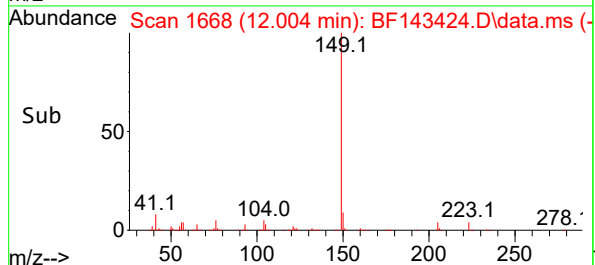
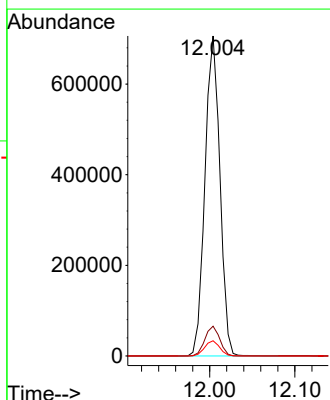
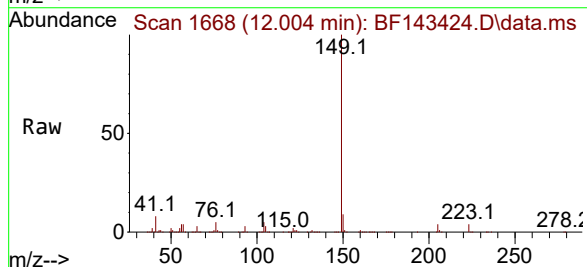
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

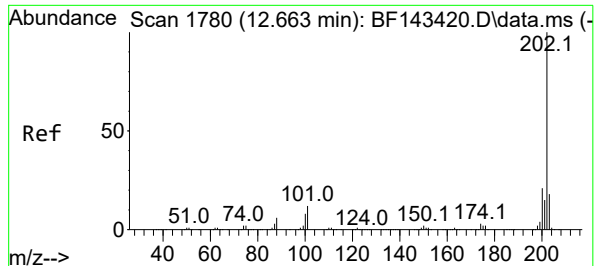
Tgt Ion:167 Resp: 804170
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 13.0 10.1 15.1



#74
Di-n-butylphthalate
Concen: 42.379 ng
RT: 12.004 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

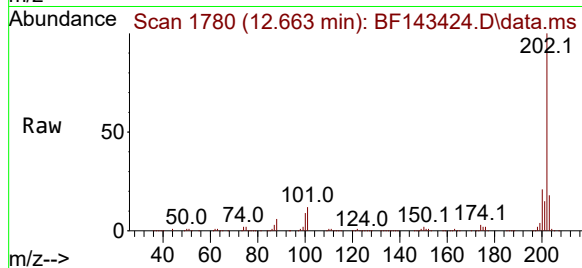
Tgt Ion:149 Resp: 859613
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.8 3.8 5.6



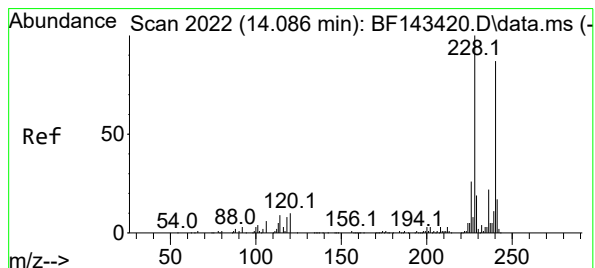
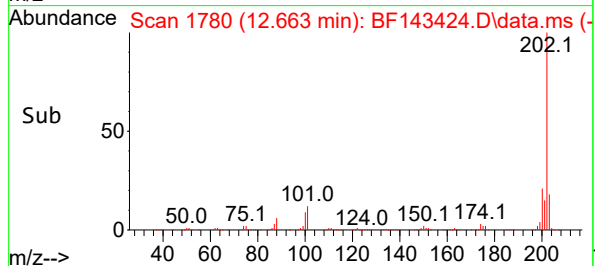
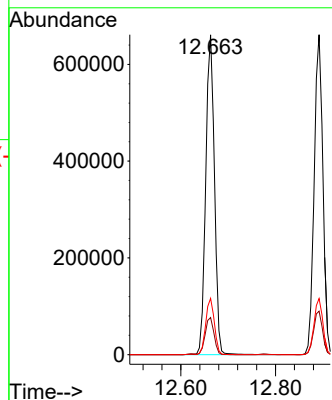


#75
Fluoranthene
Concen: 39.770 ng
RT: 12.663 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Instrument :
BNA_F
ClientSampleId :
ICVBF081525

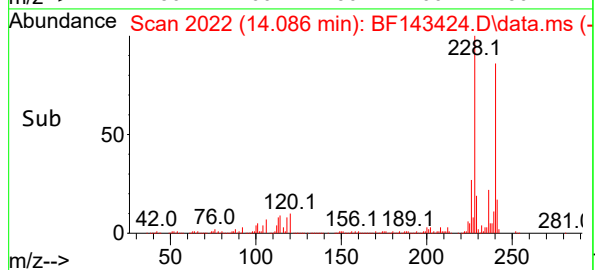
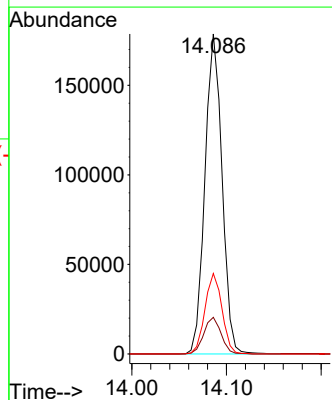
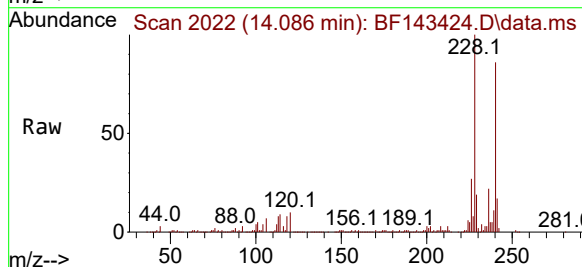


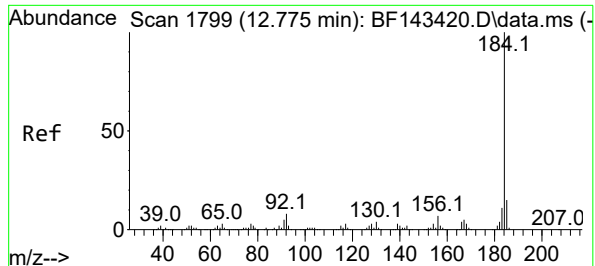
Tgt Ion:202 Resp: 842615
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.5
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:240 Resp: 224321
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.4
236 25.1 20.2 30.2





#77

Benzidine

Concen: 47.400 ng

RT: 12.774 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

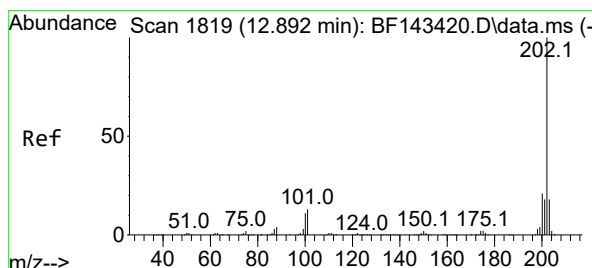
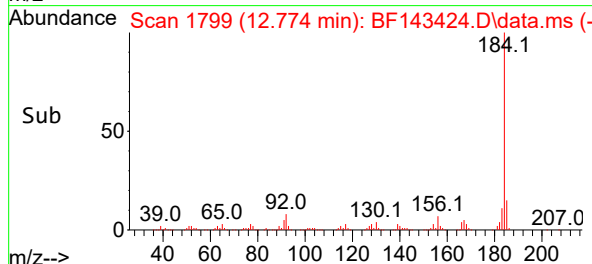
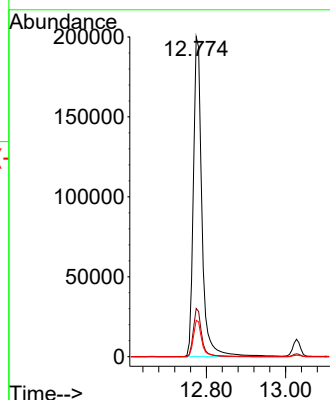
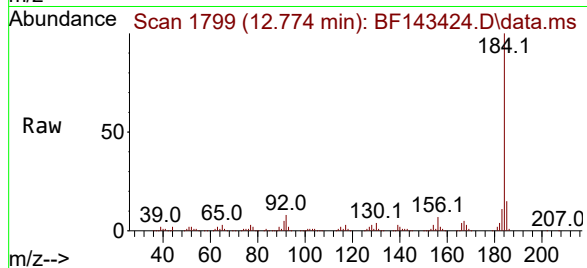
Tgt Ion:184 Resp: 301000

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

183 11.4 9.2 13.8



#78

Pyrene

Concen: 43.363 ng

RT: 12.892 min Scan# 1819

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

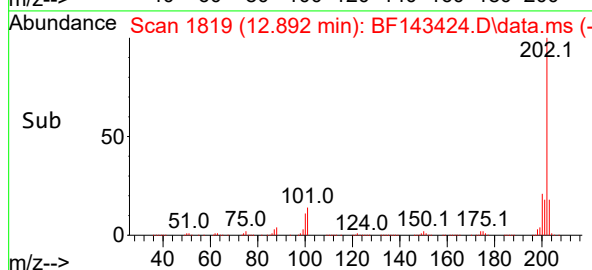
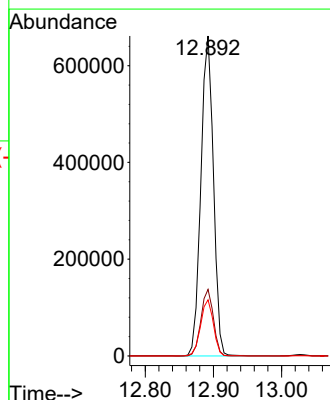
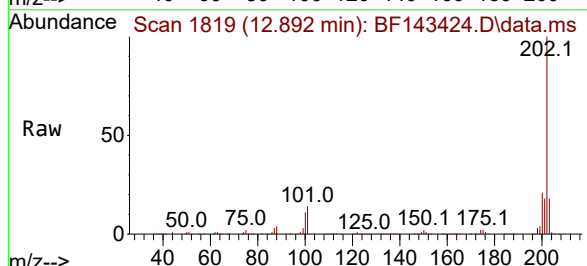
Tgt Ion:202 Resp: 845466

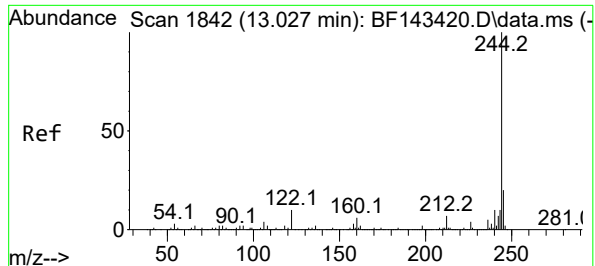
Ion Ratio Lower Upper

202 100

200 20.8 17.1 25.7

203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 85.853 ng

RT: 13.027 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

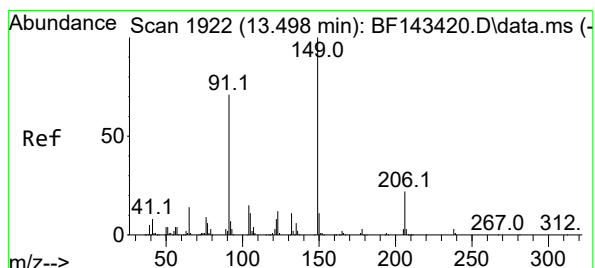
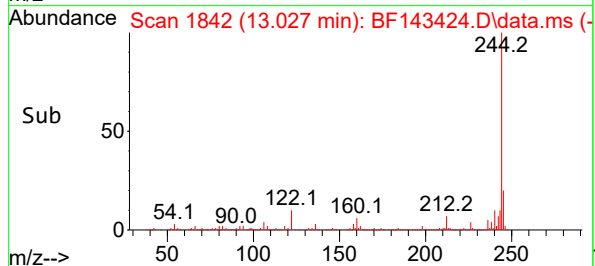
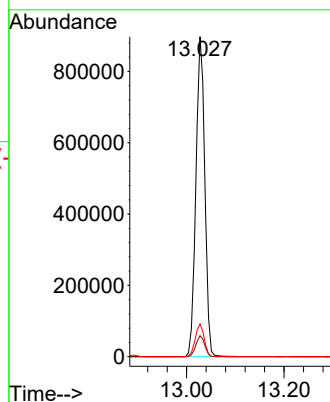
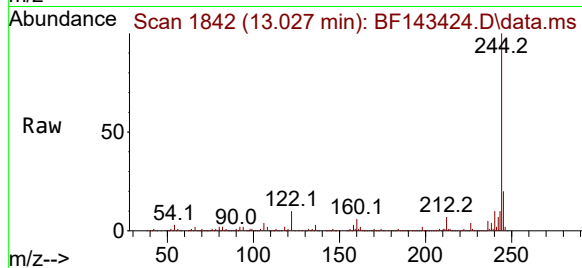
Tgt Ion:244 Resp: 1146442

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 10.3 8.3 12.5



#80

Butylbenzylphthalate

Concen: 44.739 ng

RT: 13.498 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

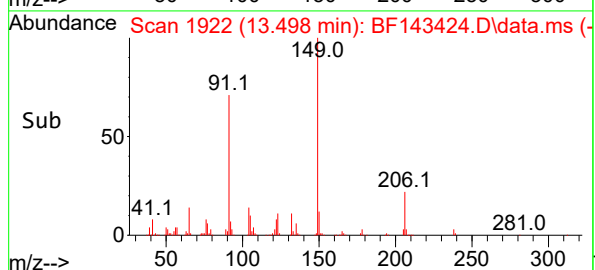
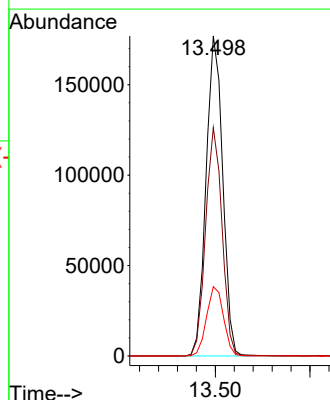
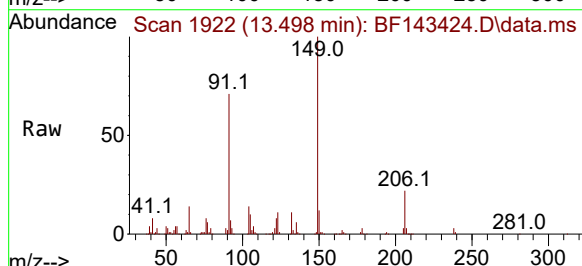
Tgt Ion:149 Resp: 216055

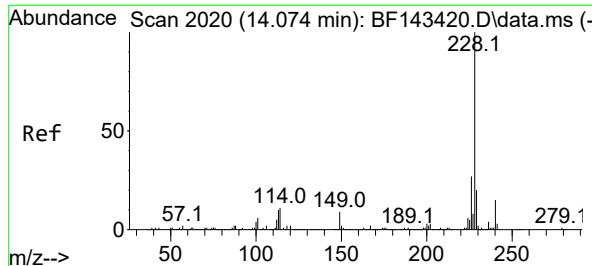
Ion Ratio Lower Upper

149 100

91 71.3 57.0 85.4

206 21.7 17.6 26.4

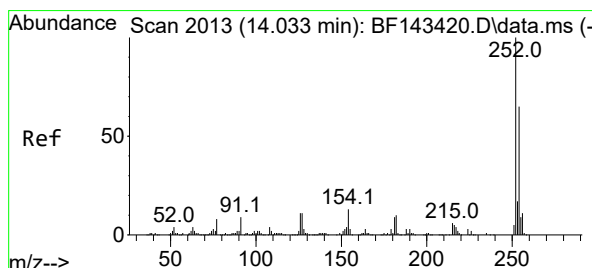
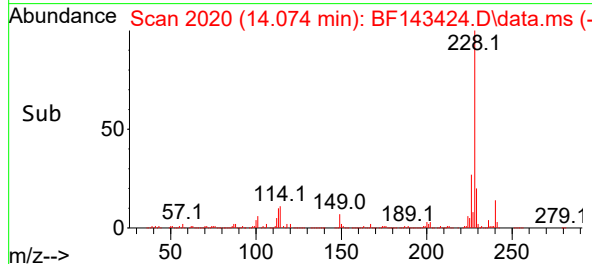
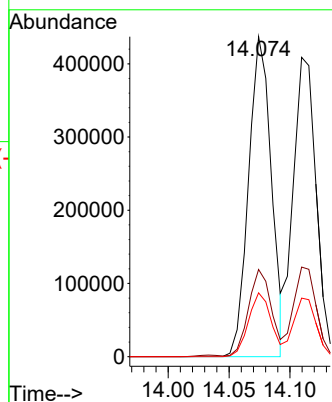
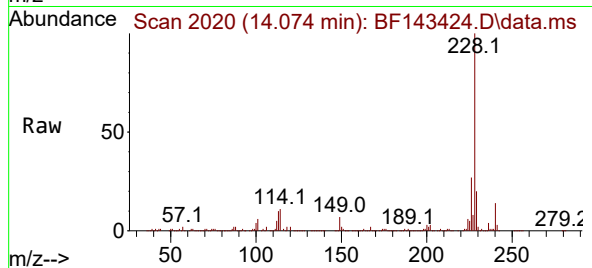




#81
Benzo(a)anthracene
Concen: 39.874 ng
RT: 14.074 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

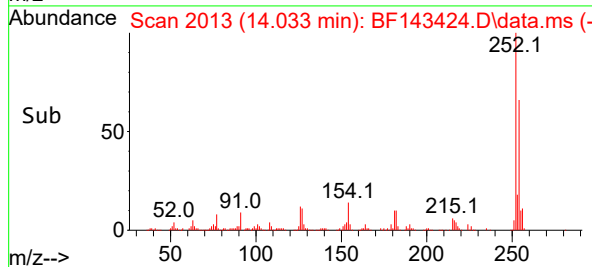
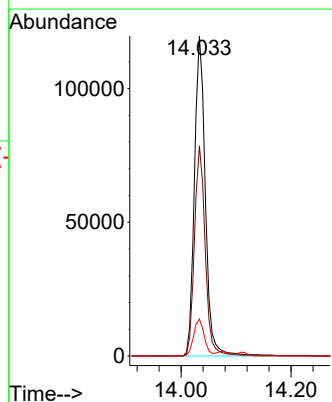
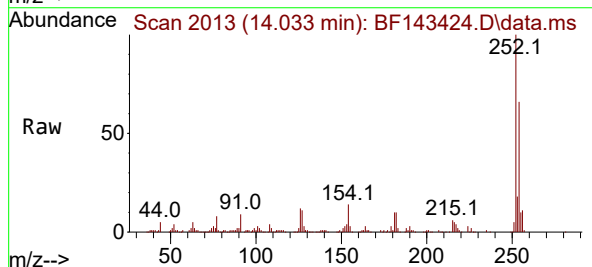
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

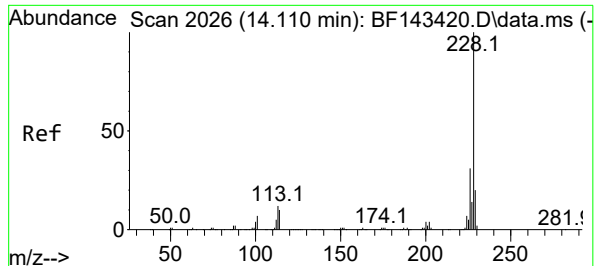
Tgt Ion:228 Resp: 569456
Ion Ratio Lower Upper
228 100
226 27.3 21.5 32.3
229 19.9 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 39.390 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:252 Resp: 164709
Ion Ratio Lower Upper
252 100
254 65.6 51.6 77.4
126 11.6 8.8 13.2

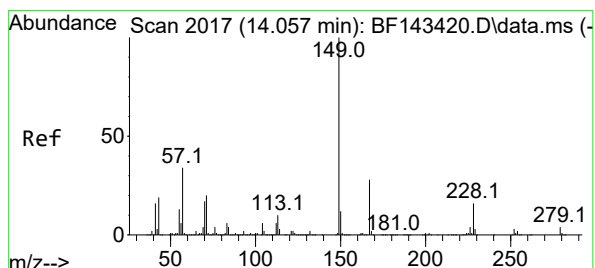
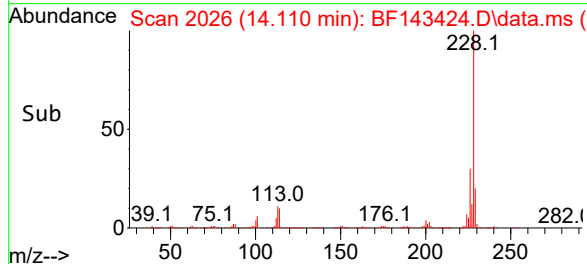
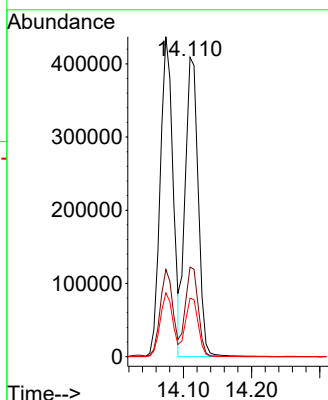
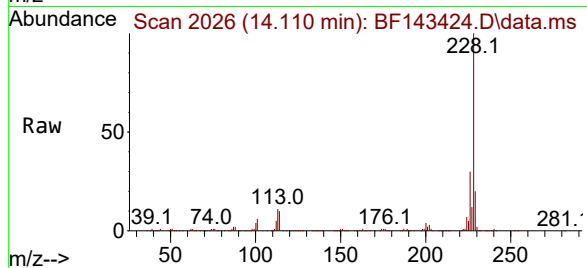




#83
Chrysene
Concen: 40.872 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

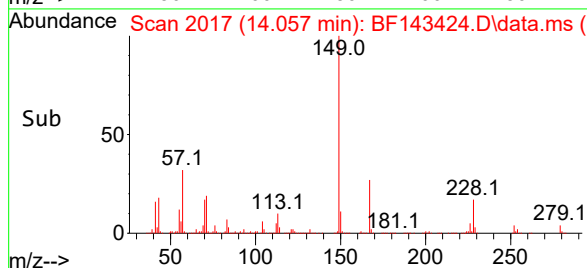
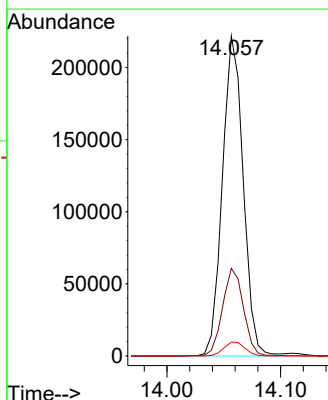
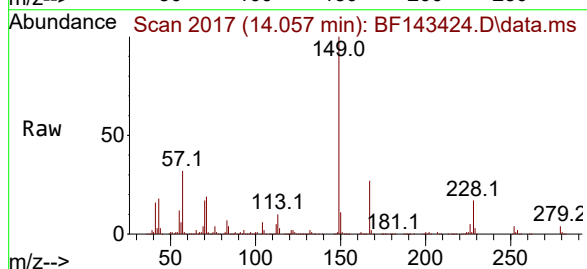
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

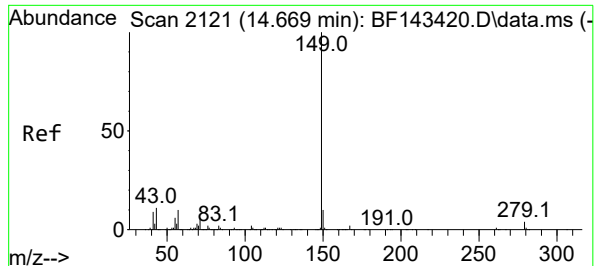
Tgt Ion:228 Resp: 539626
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 19.6 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.151 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion:149 Resp: 282227
Ion Ratio Lower Upper
149 100
167 27.3 22.6 33.8
279 4.3 3.5 5.3

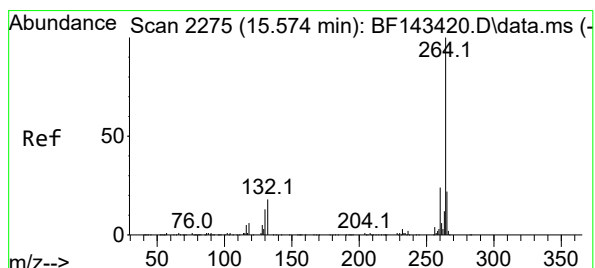
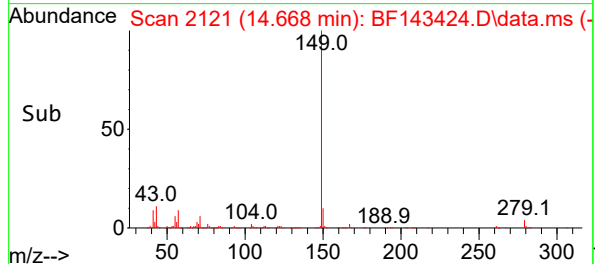
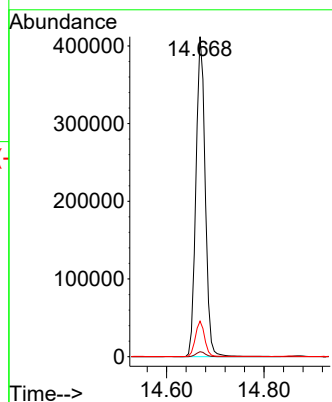
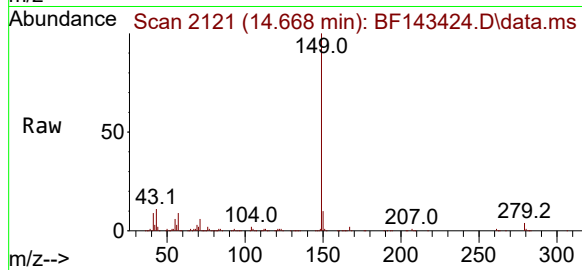




#85
Di-n-octyl phthalate
Concen: 39.276 ng
RT: 14.668 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

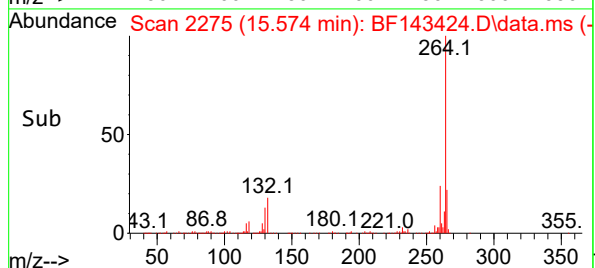
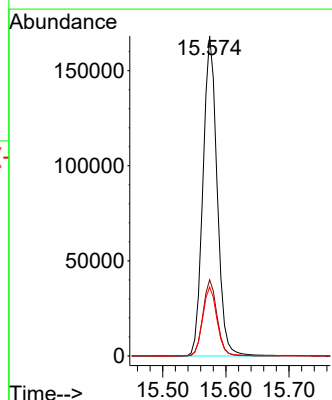
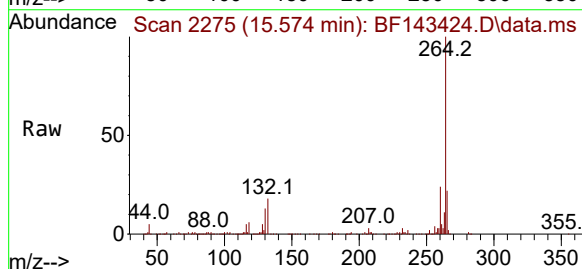
Instrument :
BNA_F
ClientSampleId :
ICVBF081525

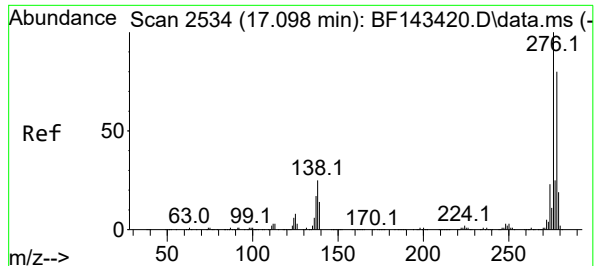
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.1	9.0	13.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF143424.D
Acq: 15 Aug 2025 18:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.5	17.4	26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.292 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143424.D

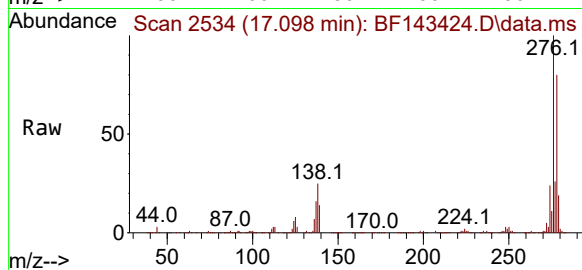
Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525



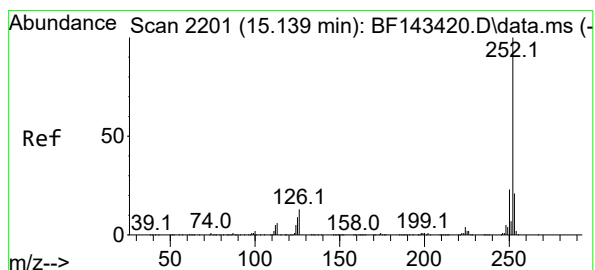
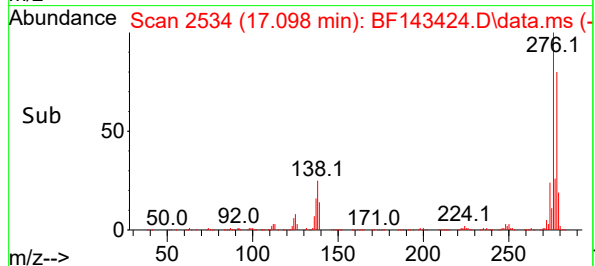
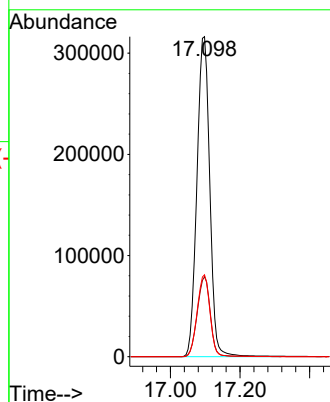
Tgt Ion:276 Resp: 810056

Ion Ratio Lower Upper

276 100

138 25.3 20.2 30.4

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 40.032 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

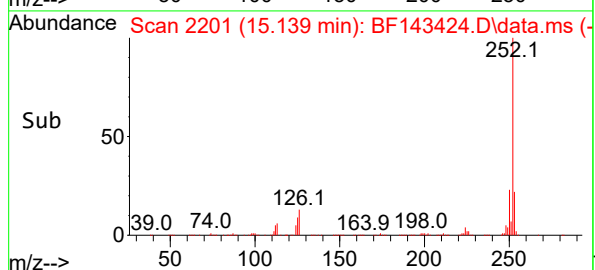
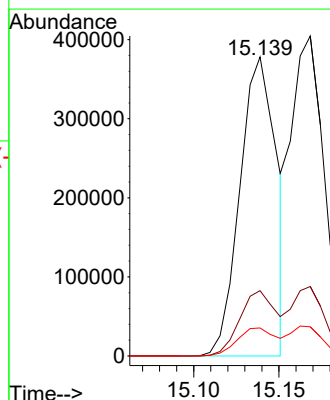
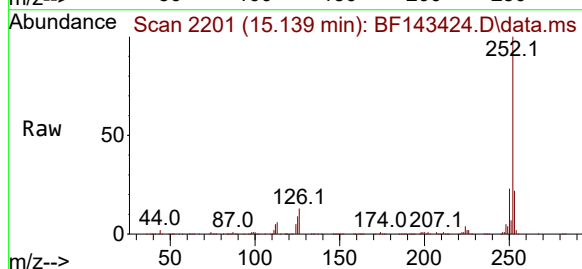
Tgt Ion:252 Resp: 561290

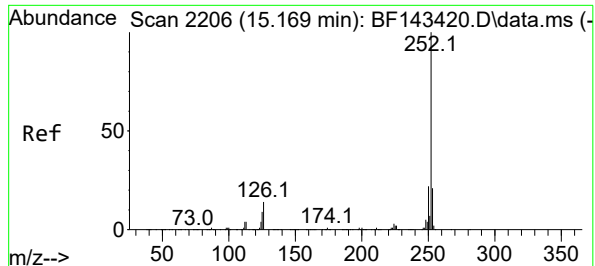
Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 9.4 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 40.263 ng

RT: 15.168 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525

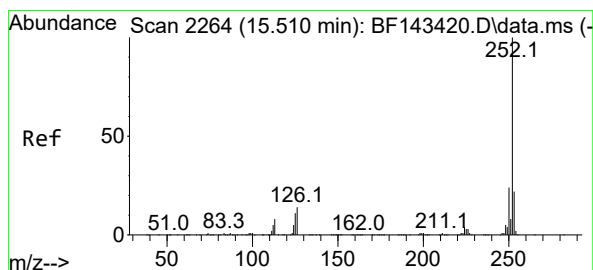
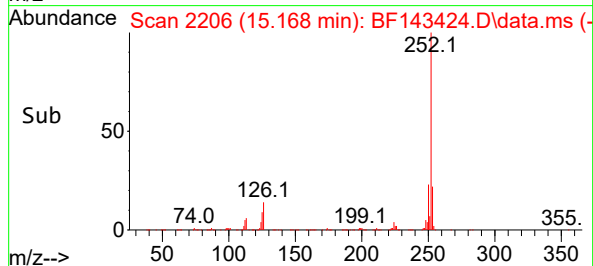
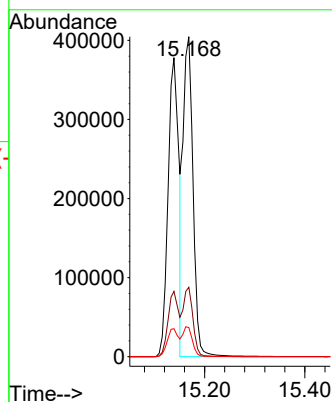
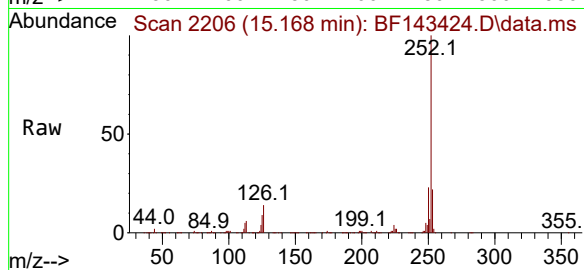
Tgt Ion:252 Resp: 556803

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 40.177 ng

RT: 15.510 min Scan# 2264

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

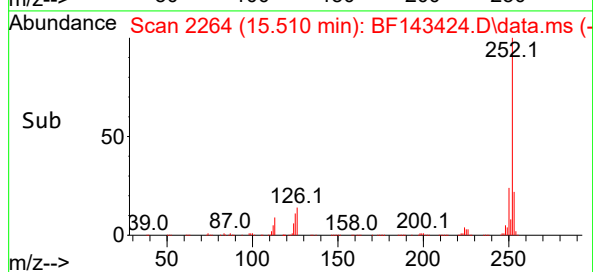
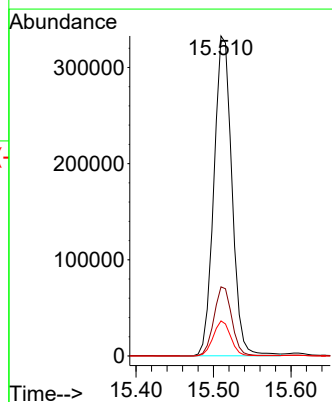
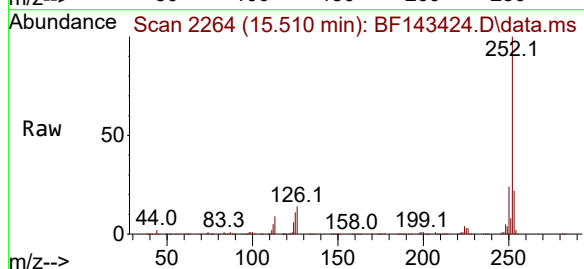
Tgt Ion:252 Resp: 536535

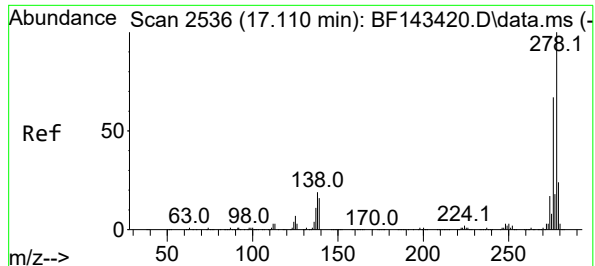
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 11.0 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 41.699 ng

RT: 17.109 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143424.D

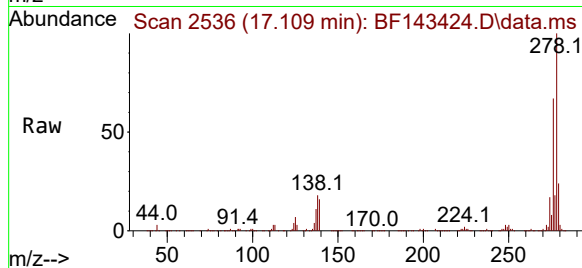
Acq: 15 Aug 2025 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF081525



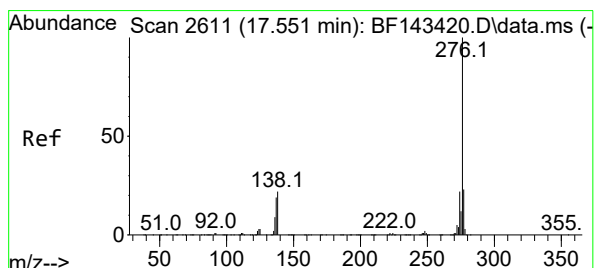
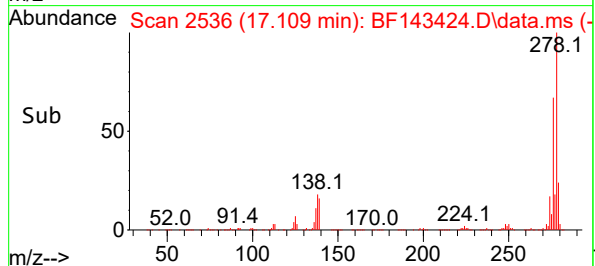
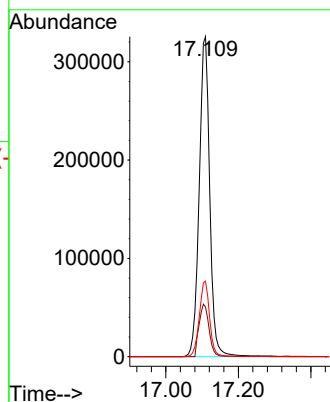
Tgt Ion:278 Resp: 656933

Ion Ratio Lower Upper

278 100

139 15.5 12.9 19.3

279 23.6 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 41.438 ng

RT: 17.551 min Scan# 2611

Delta R.T. -0.000 min

Lab File: BF143424.D

Acq: 15 Aug 2025 18:57

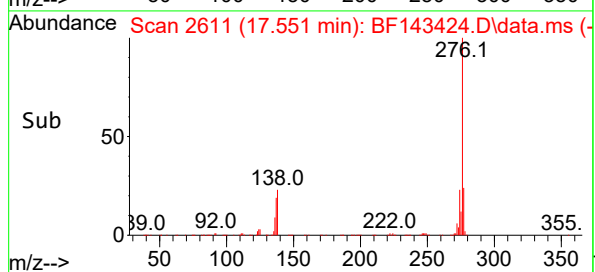
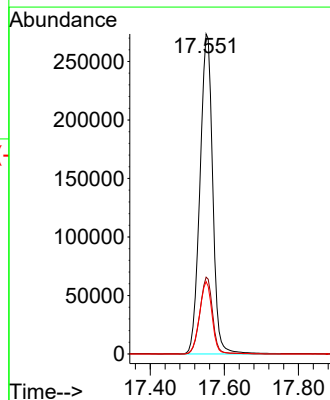
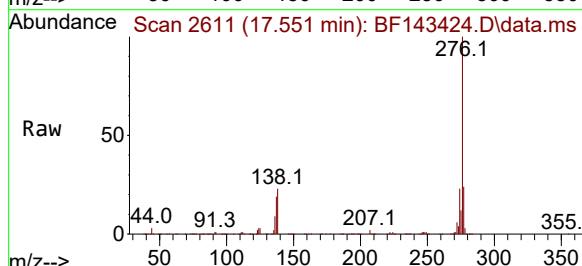
Tgt Ion:276 Resp: 652150

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 22.6 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143424.D
 Acq On : 15 Aug 2025 18:57
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081525

Quant Time: Aug 15 19:18:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:57:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
2	1,4-Dioxane	0.554	0.549	0.9	92	-0.02
3	Pyridine	1.453	1.484	-2.1	95	-0.01
4	n-Nitrosodimethylamine	0.675	0.684	-1.3	95	-0.01
5 S	2-Fluorophenol	1.151	1.155	-0.3	96	0.00
6	Aniline	1.968	1.984	-0.8	95	0.00
7 S	Phenol-d6	1.450	1.433	1.2	96	0.00
8	2-Chlorophenol	1.270	1.273	-0.2	97	0.00
9	Benzaldehyde	0.771	0.865	-12.2	112	0.00
10 C	Phenol	1.692	1.715	-1.4	96	0.00
11	bis(2-Chloroethyl)ether	1.254	1.264	-0.8	97	0.00
12	1,3-Dichlorobenzene	1.423	1.413	0.7	96	0.00
13 C	1,4-Dichlorobenzene	1.421	1.408	0.9	96	0.00
14	1,2-Dichlorobenzene	1.357	1.344	1.0	96	0.00
15	Benzyl Alcohol	1.069	1.099	-2.8	97	0.00
16	2,2'-oxybis(1-Chloropropane	2.144	2.139	0.2	97	0.00
17	2-Methylphenol	1.036	1.049	-1.3	97	0.00
18	Hexachloroethane	0.484	0.487	-0.6	97	0.00
19 P	n-Nitroso-di-n-propylamine	0.898	0.885	1.4	97	0.00
20	3+4-Methylphenols	1.239	1.263	-1.9	97	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	97	0.00
22	Acetophenone	0.430	0.417	3.0	97	0.00
23 S	Nitrobenzene-d5	0.337	0.343	-1.8	98	0.00
24	Nitrobenzene	0.352	0.360	-2.3	98	0.00
25	Isophorone	0.645	0.646	-0.2	99	0.00
26 C	2-Nitrophenol	0.163	0.175	-7.4	100	0.00
27	2,4-Dimethylphenol	0.276	0.273	1.1	98	0.00
28	bis(2-Chloroethoxy)methane	0.397	0.395	0.5	98	0.00
29 C	2,4-Dichlorophenol	0.281	0.284	-1.1	98	0.00
30	1,2,4-Trichlorobenzene	0.288	0.282	2.1	97	0.00
31	Naphthalene	0.950	0.935	1.6	96	0.00
32	Benzoic acid	0.144	0.149	-3.5	101	0.00
33	4-Chloroaniline	0.343	0.348	-1.5	98	0.00
34 C	Hexachlorobutadiene	0.184	0.180	2.2	95	0.00
35	Caprolactam	0.081	0.086	-6.2	104	0.00
36 C	4-Chloro-3-methylphenol	0.290	0.297	-2.4	100	0.00
37	2-Methylnaphthalene	0.640	0.627	2.0	97	0.00
38	1-Methylnaphthalene	0.613	0.607	1.0	99	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	99	0.00
40	1,2,4,5-Tetrachlorobenzene	0.558	0.546	2.2	99	0.00
41 P	Hexachlorocyclopentadiene	0.167	0.187	-12.0	104	0.00
42 S	2,4,6-Tribromophenol	0.178	0.185	-3.9	104	0.00
43 C	2,4,6-Trichlorophenol	0.348	0.355	-2.0	99	0.00
44	2,4,5-Trichlorophenol	0.373	0.385	-3.2	101	0.00
45 S	2-Fluorobiphenyl	1.189	1.138	4.3	100	0.00
46	1,1'-Biphenyl	1.405	1.373	2.3	99	0.00
47	2-Chloronaphthalene	1.109	1.083	2.3	99	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143424.D
 Acq On : 15 Aug 2025 18:57
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081525

Quant Time: Aug 15 19:18:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:57:34 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	0.330	0.348	-5.5	103	0.00
49	Acenaphthylene	1.602	1.589	0.8	100	0.00
50	Dimethylphthalate	1.247	1.259	-1.0	103	0.00
51	2,6-Dinitrotoluene	0.246	0.269	-9.3	106	0.00
52 C	Acenaphthene	1.077	1.080	-0.3	103	0.00
53	3-Nitroaniline	0.274	0.295	-7.7	103	0.00
54 P	2,4-Dinitrophenol	0.097	0.111	-14.4	115	0.00
55	Dibenzofuran	1.554	1.516	2.4	99	0.00
56 P	4-Nitrophenol	0.172	0.191	-11.0	106	0.00
57	2,4-Dinitrotoluene	0.328	0.364	-11.0	108	0.00
58	Fluorene	1.194	1.166	2.3	102	0.00
59	2,3,4,6-Tetrachlorophenol	0.282	0.306	-8.5	102	0.00
60	Diethylphthalate	1.152	1.167	-1.3	104	0.00
61	4-Chlorophenyl-phenylether	0.590	0.583	1.2	101	0.00
62	4-Nitroaniline	0.256	0.279	-9.0	106	0.00
63	Azobenzene	1.165	1.169	-0.3	102	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	105	0.00
65	4,6-Dinitro-2-methylphenol	0.103	0.118	-14.6	116	0.00
66 c	n-Nitrosodiphenylamine	0.650	0.630	3.1	103	0.00
67	4-Bromophenyl-phenylether	0.236	0.234	0.8	104	0.00
68	Hexachlorobenzene	0.251	0.244	2.8	105	0.00
69	Atrazine	0.190	0.201	-5.8	111	0.00
70 C	Pentachlorophenol	0.110	0.120	-9.1	111	0.00
71	Phenanthrene	1.083	1.044	3.6	104	0.00
72	Anthracene	1.094	1.065	2.7	105	0.00
73	Carbazole	0.925	0.913	1.3	107	0.00
74	Di-n-butylphthalate	0.921	0.976	-6.0	115	0.00
75 C	Fluoranthene	0.962	0.957	0.5	113	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	103	0.00
77	Benzydine	0.597	0.671	-12.4	122	0.00
78	Pyrene	1.738	1.885	-8.5	115	0.00
79 S	Terphenyl-d14	1.191	1.278	-7.3	115	0.00
80	Butylbenzylphthalate	0.431	0.482	-11.8	108	0.00
81	Benzo(a)anthracene	1.273	1.269	0.3	104	0.00
82	3,3'-Dichlorobenzidine	0.373	0.367	1.6	96	0.00
83	Chrysene	1.177	1.203	-2.2	104	0.00
84	Bis(2-ethylhexyl)phthalate	0.611	0.629	-2.9	97	0.00
85 c	Di-n-octyl phthalate	1.240	1.218	1.8	95	0.00
86 I	Perylene-d12	1.000	1.000	0.0	93	0.00
87	Indeno(1,2,3-cd)pyrene	1.500	1.548	-3.2	96	0.00
88	Benzo(b)fluoranthene	1.072	1.073	-0.1	91	0.00
89	Benzo(k)fluoranthene	1.057	1.064	-0.7	94	0.00
90 C	Benzo(a)pyrene	1.021	1.025	-0.4	91	0.00
91	Dibenzo(a,h)anthracene	1.204	1.256	-4.3	97	0.00
92	Benzo(g,h,i)perylene	1.203	1.246	-3.6	96	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143424.D
Acq On : 15 Aug 2025 18:57
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081525

Quant Time: Aug 15 19:18:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:57:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143424.D
 Acq On : 15 Aug 2025 18:57
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081525

Quant Time: Aug 15 19:18:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:57:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	95	0.00
2	1,4-Dioxane	40.000	39.659	0.9	92	-0.02
3	Pyridine	40.000	40.863	-2.2	95	-0.01
4	n-Nitrosodimethylamine	40.000	40.523	-1.3	95	-0.01
5 S	2-Fluorophenol	80.000	80.281	-0.4	96	0.00
6	Aniline	40.000	40.314	-0.8	95	0.00
7 S	Phenol-d6	80.000	79.088	1.1	96	0.00
8	2-Chlorophenol	40.000	40.083	-0.2	97	0.00
9	Benzaldehyde	40.000	44.869	-12.2	112	0.00
10 C	Phenol	40.000	40.546	-1.4	96	0.00
11	bis(2-Chloroethyl)ether	40.000	40.305	-0.8	97	0.00
12	1,3-Dichlorobenzene	40.000	39.722	0.7	96	0.00
13 C	1,4-Dichlorobenzene	40.000	39.650	0.9	96	0.00
14	1,2-Dichlorobenzene	40.000	39.612	1.0	96	0.00
15	Benzyl Alcohol	40.000	41.098	-2.7	97	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	39.909	0.2	97	0.00
17	2-Methylphenol	40.000	40.471	-1.2	97	0.00
18	Hexachloroethane	40.000	40.268	-0.7	97	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	39.451	1.4	97	0.00
20	3+4-Methylphenols	40.000	40.773	-1.9	97	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	97	0.00
22	Acetophenone	40.000	38.772	3.1	97	0.00
23 S	Nitrobenzene-d5	80.000	81.505	-1.9	98	0.00
24	Nitrobenzene	40.000	40.922	-2.3	98	0.00
25	Isophorone	40.000	40.058	-0.1	99	0.00
26 C	2-Nitrophenol	40.000	42.777	-6.9	100	0.00
27	2,4-Dimethylphenol	40.000	39.609	1.0	98	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.801	0.5	98	0.00
29 C	2,4-Dichlorophenol	40.000	40.367	-0.9	98	0.00
30	1,2,4-Trichlorobenzene	40.000	39.142	2.1	97	0.00
31	Naphthalene	40.000	39.375	1.6	96	0.00
32	Benzoic acid	40.000	41.403	-3.5	101	0.00
33	4-Chloroaniline	40.000	40.630	-1.6	98	0.00
34 C	Hexachlorobutadiene	40.000	39.224	1.9	95	0.00
35	Caprolactam	40.000	42.330	-5.8	104	0.00
36 C	4-Chloro-3-methylphenol	40.000	40.997	-2.5	100	0.00
37	2-Methylnaphthalene	40.000	39.196	2.0	97	0.00
38	1-Methylnaphthalene	40.000	39.623	0.9	99	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	99	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	39.145	2.1	99	0.00
41 P	Hexachlorocyclopentadiene	40.000	40.416	-1.0	104	0.00
42 S	2,4,6-Tribromophenol	80.000	83.344	-4.2	104	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.774	-1.9	99	0.00
44	2,4,5-Trichlorophenol	40.000	41.305	-3.3	101	0.00
45 S	2-Fluorobiphenyl	80.000	76.538	4.3	100	0.00
46	1,1'-Biphenyl	40.000	39.081	2.3	99	0.00
47	2-Chloronaphthalene	40.000	39.058	2.4	99	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143424.D
 Acq On : 15 Aug 2025 18:57
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081525

Quant Time: Aug 15 19:18:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:57:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	42.141	-5.4	103	0.00
49	Acenaphthylene	40.000	39.677	0.8	100	0.00
50	Dimethylphthalate	40.000	40.394	-1.0	103	0.00
51	2,6-Dinitrotoluene	40.000	43.842	-9.6	106	0.00
52 C	Acenaphthene	40.000	40.115	-0.3	103	0.00
53	3-Nitroaniline	40.000	43.062	-7.7	103	0.00
54 P	2,4-Dinitrophenol	40.000	41.967	-4.9	115	0.00
55	Dibenzofuran	40.000	39.033	2.4	99	0.00
56 P	4-Nitrophenol	40.000	44.464	-11.2	106	0.00
57	2,4-Dinitrotoluene	40.000	44.386	-11.0	108	0.00
58	Fluorene	40.000	39.070	2.3	102	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	43.424	-8.6	102	0.00
60	Diethylphthalate	40.000	40.514	-1.3	104	0.00
61	4-Chlorophenyl-phenylether	40.000	39.533	1.2	101	0.00
62	4-Nitroaniline	40.000	43.604	-9.0	106	0.00
63	Azobenzene	40.000	40.143	-0.4	102	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	105	0.00
65	4,6-Dinitro-2-methylphenol	40.000	45.779	-14.4	116	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.734	3.2	103	0.00
67	4-Bromophenyl-phenylether	40.000	39.547	1.1	104	0.00
68	Hexachlorobenzene	40.000	38.923	2.7	105	0.00
69	Atrazine	40.000	42.361	-5.9	111	0.00
70 C	Pentachlorophenol	40.000	43.486	-8.7	111	0.00
71	Phenanthrene	40.000	38.568	3.6	104	0.00
72	Anthracene	40.000	38.935	2.7	105	0.00
73	Carbazole	40.000	39.480	1.3	107	0.00
74	Di-n-butylphthalate	40.000	42.379	-5.9	115	0.00
75 C	Fluoranthene	40.000	39.770	0.6	113	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	103	0.00
77	Benzydine	40.000	47.400	-18.5	122	0.00
78	Pyrene	40.000	43.363	-8.4	115	0.00
79 S	Terphenyl-d14	80.000	85.853	-7.3	115	0.00
80	Butylbenzylphthalate	40.000	44.739	-11.8	108	0.00
81	Benzo(a)anthracene	40.000	39.874	0.3	104	0.00
82	3,3'-Dichlorobenzidine	40.000	39.390	1.5	96	0.00
83	Chrysene	40.000	40.872	-2.2	104	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	41.151	-2.9	97	0.00
85 c	Di-n-octyl phthalate	40.000	39.276	1.8	95	0.00
86 I	Perylene-d12	20.000	20.000	0.0	93	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	41.292	-3.2	96	0.00
88	Benzo(b)fluoranthene	40.000	40.032	-0.1	91	0.00
89	Benzo(k)fluoranthene	40.000	40.263	-0.7	94	0.00
90 C	Benzo(a)pyrene	40.000	40.177	-0.4	91	0.00
91	Dibenzo(a,h)anthracene	40.000	41.699	-4.2	97	0.00
92	Benzo(g,h,i)perylene	40.000	41.438	-3.6	96	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143424.D
Acq On : 15 Aug 2025 18:57
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081525

Quant Time: Aug 15 19:18:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:57:34 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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: ENTA05Lab Code: ACESDG No.: Q2837Instrument ID: BNA_PCalibration Date(s): 08/14/2025 08/14/2025Calibration Time(s): 12:33 17:24

LAB FILE ID:		RRF2.5 = BP025392.D		RRF005 = BP025393.D		RRF010 = BP025394.D		
		RRF020 = BP025395.D		RRF040 = BP025396.D		RRF050 = BP025397.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.232	1.177	1.194	1.162	1.240	1.204	2.4
Phenol-d6		1.483	1.467	1.533	1.513	1.641	1.544	4.2
Phenol		1.594	1.529	1.613	1.575	1.707	1.620	3.9
1,4-Dichlorobenzene		1.587	1.490	1.527	1.467	1.596	1.532	3.1
Nitrobenzene-d5		0.395	0.376	0.392	0.383	0.419	0.395	3.7
1,2,4-Trichlorobenzene		0.357	0.329	0.335	0.327	0.354	0.340	3.6
Naphthalene		1.069	1.020	1.037	1.000	1.087	1.040	3.1
2-Fluorobiphenyl		1.558	1.483	1.507	1.392	1.517	1.463	5.0
2,4,6-Tribromophenol		0.266	0.259	0.267	0.263	0.286	0.269	3.4
Terphenyl-d14		1.249	1.100	1.097	1.045	1.100	1.093	7.2

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-BP081425.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Aug 14 18:14:31 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BP025392.D 5 =BP025393.D 10 =BP025394.D 20 =BP025395.D 40 =BP025396.D 50 =BP025397.D 60 =BP025398.D 80 =BP025399.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.520	0.464	0.475	0.445	0.479	0.462	0.458	0.472	5.07	
3)	Pyridine	1.446	1.250	1.256	1.220	1.317	1.281	1.268	1.291	5.77	
4)	n-Nitrosodimet...		0.515	0.512	0.511	0.559	0.555	0.541	0.532	4.13	
5) S	2-Fluorophenol	1.232	1.177	1.194	1.162	1.240	1.226	1.199	1.204	2.42	
6)	Aniline	2.098	1.962	2.030	2.020	2.194	2.164	2.094	2.080	3.96	
7) S	Phenol-d6	1.483	1.467	1.533	1.513	1.641	1.609	1.563	1.544	4.16	
8)	2-Chlorophenol	1.351	1.283	1.347	1.313	1.428	1.414	1.378	1.359	3.83	
9)	Benzaldehyde		0.987	0.956	1.366	1.262	1.005	0.915	1.082	17.12	
10) C	Phenol	1.594	1.529	1.613	1.575	1.707	1.688	1.635	1.620	3.87	
11)	bis(2-Chloroet...	1.283	1.183	1.273	1.222	1.321	1.303	1.255	1.263	3.78	
12)	1,3-Dichlorobe...	1.532	1.433	1.503	1.443	1.555	1.530	1.493	1.499	3.07	
13) C	1,4-Dichlorobe...	1.587	1.490	1.527	1.467	1.596	1.544	1.510	1.532	3.12	
14)	1,2-Dichlorobe...	1.558	1.430	1.491	1.431	1.533	1.487	1.449	1.483	3.35	
15)	Benzyl Alcohol		1.138	1.205	1.193	1.287	1.289	1.250	1.227	4.83	
16)	2,2'-oxybis(1-...	1.762	1.592	1.712	1.620	1.751	1.740	1.665	1.692	3.96	
17)	2-Methylphenol	1.075	1.030	1.123	1.107	1.198	1.191	1.154	1.125	5.41	
18)	Hexachloroethane	0.577	0.544	0.552	0.545	0.588	0.578	0.559	0.563	3.13	
19) P	n-Nitroso-di-n...	1.014	1.066	0.959	1.056	0.992	1.053	1.042	1.000	1.023	3.68
20)	3+4-Methylphenols		1.442	1.533	1.525	1.639	1.640	1.580	1.560	4.87	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.515	0.487	0.506	0.485	0.523	0.506	0.488	0.502	2.96	
23) S	Nitrobenzene-d5	0.395	0.376	0.392	0.383	0.419	0.408	0.394	0.395	3.65	
24)	Nitrobenzene	0.350	0.342	0.348	0.344	0.375	0.362	0.352	0.353	3.21	
25)	Isophorone	0.734	0.672	0.700	0.674	0.730	0.709	0.680	0.700	3.70	
26) C	2-Nitrophenol	0.167	0.163	0.177	0.181	0.197	0.195	0.190	0.181	7.43	
27)	2,4-Dimethylph...	0.303	0.303	0.296	0.308	0.336	0.325	0.313	0.312	4.46	
28)	bis(2-Chloroet...	0.443	0.407	0.425	0.407	0.439	0.430	0.410	0.423	3.61	
29) C	2,4-Dichloroph...	0.293	0.293	0.308	0.305	0.331	0.324	0.314	0.310	4.71	
30)	1,2,4-Trichlor...	0.357	0.329	0.335	0.327	0.354	0.344	0.332	0.340	3.61	
31)	Naphthalene	1.069	1.020	1.037	1.000	1.087	1.052	1.011	1.040	3.06	
32)	Benzoic acid		0.188	0.207	0.227	0.249	0.255	0.255	0.230	12.20	
33)	4-Chloroaniline	0.453	0.435	0.447	0.452	0.492	0.478	0.458	0.459	4.19	
34) C	Hexachlorobuta...	0.222	0.205	0.211	0.205	0.218	0.213	0.207	0.211	3.05	
35)	Caprolactam		0.114	0.110	0.109	0.120	0.116	0.113	0.114	3.67	
36) C	4-Chloro-3-met...	0.366	0.335	0.347	0.346	0.373	0.368	0.353	0.355	3.85	
37)	2-Methylnaphth...	0.716	0.653	0.678	0.652	0.700	0.682	0.654	0.676	3.69	
38)	1-Methylnaphth...	0.777	0.706	0.713	0.686	0.751	0.719	0.685	0.719	4.67	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP081425.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.578	0.559	0.585	0.560	0.610	0.581	0.571	0.578	3.00	
41) P	Hexachlorocycl...	0.274	0.313	0.348	0.387	0.388	0.383	0.349		13.46	
42) S	2,4,6-Tribromo...	0.266	0.259	0.267	0.263	0.286	0.275	0.268	0.269	3.39	
43) C	2,4,6-Trichlor...	0.368	0.364	0.381	0.382	0.421	0.408	0.405	0.390	5.56	
44)	2,4,5-Trichlor...	0.417	0.385	0.424	0.424	0.457	0.448	0.437	0.427	5.52	
45) S	2-Fluorobiphenyl	1.558	1.483	1.507	1.392	1.517	1.435	1.351	1.463	5.04	
46)	1,1'-Biphenyl	1.495	1.418	1.457	1.408	1.537	1.445	1.407	1.453	3.37	
47)	2-Chloronaphth...	1.152	1.093	1.144	1.101	1.184	1.142	1.100	1.131	2.99	
48)	2-Nitroaniline	0.301	0.306	0.317	0.330	0.360	0.351	0.341	0.329	6.85	
49)	Acenaphthylene	1.907	1.806	1.848	1.806	1.992	1.907	1.832	1.871	3.63	
50)	Dimethylphthalate	1.569	1.449	1.438	1.403	1.512	1.479	1.403	1.465	4.12	
51)	2,6-Dinitrotol...	0.297	0.287	0.302	0.309	0.331	0.323	0.311	0.309	4.95	
52) C	Acenaphthene	1.149	1.082	1.100	1.041	1.155	1.106	1.056	1.098	3.93	
53)	3-Nitroaniline	0.318	0.329	0.337	0.342	0.384	0.367	0.354	0.347	6.56	
54) P	2,4-Dinitrophenol	0.114	0.140	0.163	0.186	0.192	0.194	0.165		19.83	
55)	Dibenzofuran	1.820	1.711	1.737	1.677	1.811	1.729	1.672	1.736	3.40	
56) P	4-Nitrophenol	0.251	0.265	0.279	0.315	0.304	0.298	0.285		8.56	
57)	2,4-Dinitrotol...	0.404	0.407	0.431	0.438	0.479	0.471	0.454	0.440	6.61	
58)	Fluorene	1.506	1.391	1.390	1.306	1.415	1.330	1.253	1.370	6.02	
59)	2,3,4,6-Tetrac...	0.375	0.360	0.366	0.368	0.402	0.392	0.379	0.377	4.01	
60)	Diethylphthalate	1.615	1.475	1.465	1.434	1.540	1.459	1.430	1.488	4.48	
61)	4-Chlorophenyl...	0.761	0.684	0.679	0.651	0.690	0.671	0.634	0.681	5.91	
62)	4-Nitroaniline	0.341	0.336	0.349	0.351	0.387	0.370	0.359	0.356	4.89	
63)	Azobenzene	1.315	1.226	1.274	1.237	1.341	1.301	1.227	1.274	3.62	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.096	0.113	0.123	0.139	0.139	0.138	0.125		14.21	
66) c	n-Nitrosodiphe...	0.636	0.603	0.607	0.591	0.634	0.605	0.594	0.610	2.99	
67)	4-Bromophenyl-...	0.233	0.206	0.217	0.213	0.230	0.223	0.218	0.220	4.34	
68)	Hexachlorobenzene	0.264	0.253	0.254	0.242	0.264	0.257	0.251	0.255	3.06	
69)	Atrazine	0.229	0.226	0.228	0.218	0.240	0.229	0.229	0.228	2.74	
70) C	Pentachlorophenol	0.135	0.154	0.157	0.177	0.171	0.172	0.161		9.76	
71)	Phenanthrene	1.162	1.101	1.111	1.040	1.135	1.085	1.057	1.099	3.88	
72)	Anthracene	1.161	1.124	1.133	1.079	1.175	1.101	1.080	1.122	3.37	
73)	Carbazole	1.079	1.052	1.074	1.007	1.111	1.053	1.022	1.057	3.32	
74)	Di-n-butylphth...	1.345	1.255	1.332	1.244	1.374	1.285	1.265	1.300	3.86	
75) C	Fluoranthene	1.370	1.323	1.348	1.228	1.361	1.286	1.258	1.311	4.13	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.642	0.642	0.967	0.664	0.608	0.573	0.683		20.94	
78)	Pyrene	1.398	1.261	1.287	1.274	1.320	1.319	1.241	1.300	4.00	
79) S	Terphenyl-d14	1.249	1.100	1.097	1.045	1.100	1.061	0.999	1.093	7.15	
80)	Butylbenzylpht...	0.589	0.557	0.592	0.579	0.614	0.616	0.578	0.589	3.55	
81)	Benzo(a)anthra...	1.384	1.302	1.313	1.268	1.359	1.333	1.275	1.319	3.21	
82)	3,3'-Dichlorob...	0.482	0.507	0.488	0.521	0.506	0.480	0.497		3.31	
83)	Chrysene	1.292	1.214	1.249	1.182	1.280	1.243	1.186	1.235	3.49	
84)	Bis(2-ethylhex...	0.907	0.826	0.874	0.831	0.901	0.882	0.850	0.867	3.73	
85) c	Di-n-octyl pht...	1.381	1.498	1.444	1.572	1.563	1.491	1.492		4.84	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.454	1.385	1.440	1.411	1.569	1.522	1.486	1.467	4.36
88)	Benzo(b)fluora...	1.203	1.126	1.171	1.134	1.250	1.197	1.175	1.179	3.60
89)	Benzo(k)fluora...	1.202	1.157	1.200	1.130	1.226	1.206	1.141	1.180	3.16
90) C	Benzo(a)pyrene	1.139	1.093	1.150	1.108	1.219	1.185	1.141	1.148	3.77
91)	Dibenzo(a,h)an...	1.180	1.125	1.179	1.156	1.290	1.244	1.216	1.199	4.64
92)	Benzo(g,h,i)pe...	1.162	1.118	1.169	1.138	1.248	1.220	1.192	1.178	3.86

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025392.D
 Acq On : 14 Aug 2025 12:33
 Operator : CG/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC2.5

Quant Time: Aug 14 17:51:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

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

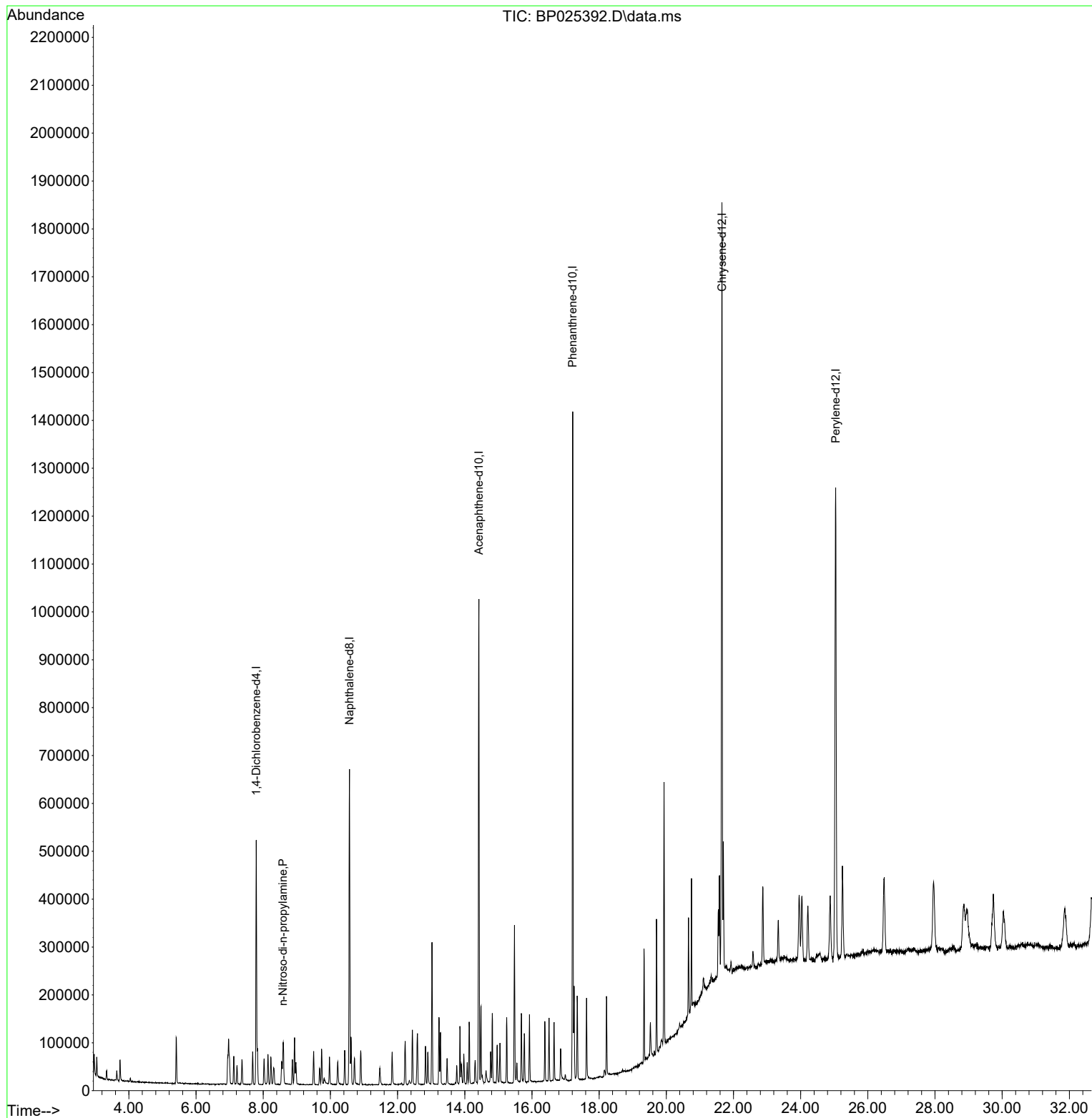
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	140275	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	567766	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	380728	20.000	ng	0.01
64) Phenanthrene-d10	17.213	188	796256	20.000	ng	0.01
76) Chrysene-d12	21.660	240	884747	20.000	ng	0.01
86) Perylene-d12	25.042	264	1005304	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.584	70	17781	2.476	ng	Qvalue 99

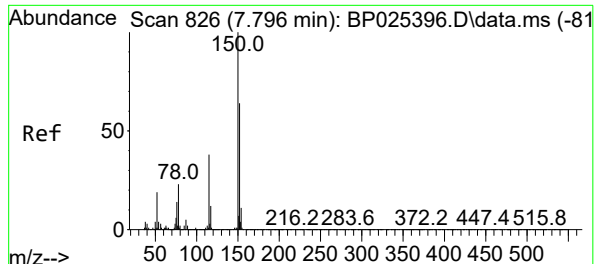
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025392.D
Acq On : 14 Aug 2025 12:33
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 14 17:51:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

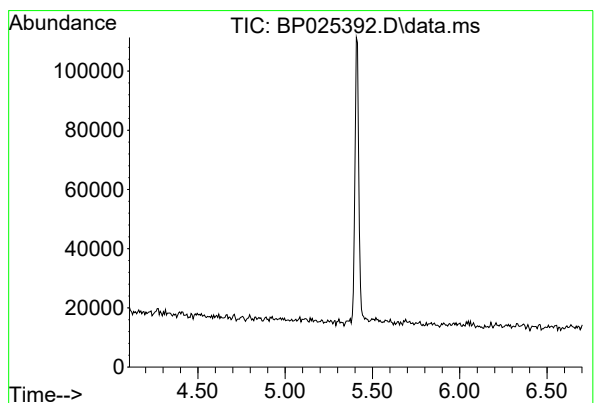
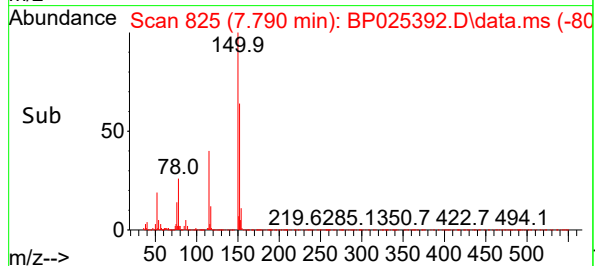
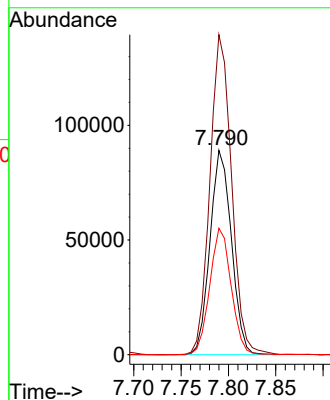
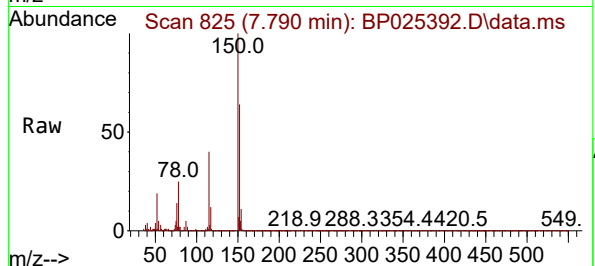




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

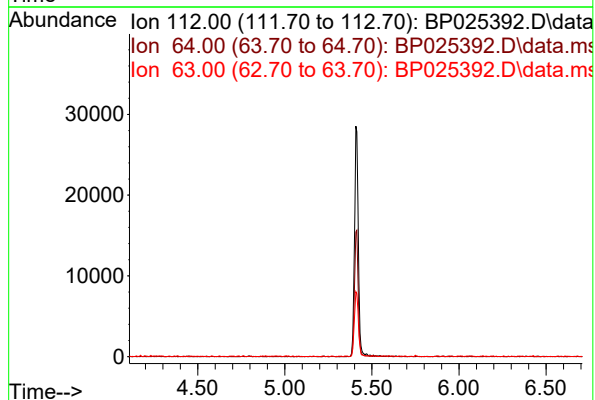
Tgt Ion:152 Resp: 140275
Ion Ratio Lower Upper
152 100
150 156.6 125.9 188.9
115 61.9 48.5 72.7

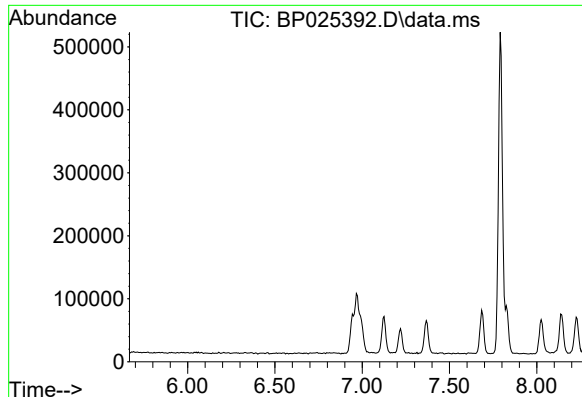


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.41 min

Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 112
Sig Exp Ratio
112 100
64 54.8
63 28.4

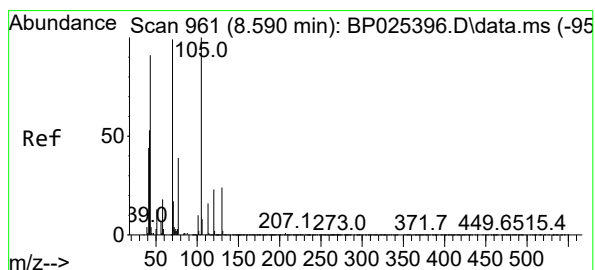
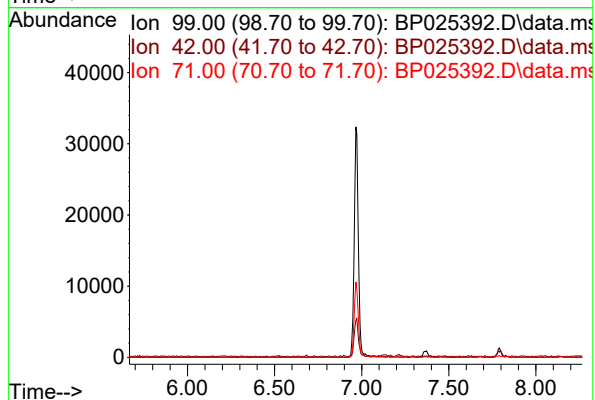




#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.97 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

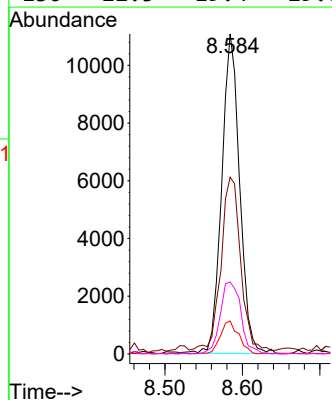
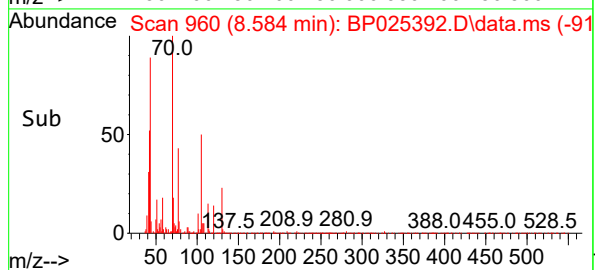
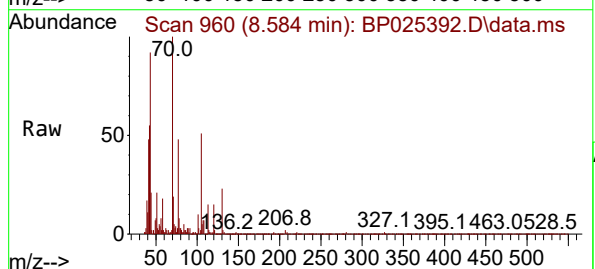
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

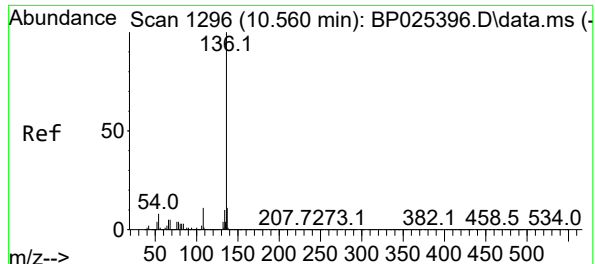
Tgt Ion: 99
Sig Exp Ratio
99 100
42 17.1
71 35.3



#19
n-Nitroso-di-n-propylamine
Concen: 2.476 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.006 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 70 Resp: 17781
Ion Ratio Lower Upper
70 100
42 55.2 43.8 65.6
101 10.3 8.5 12.7
130 22.5 19.4 29.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.566 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP025392.D

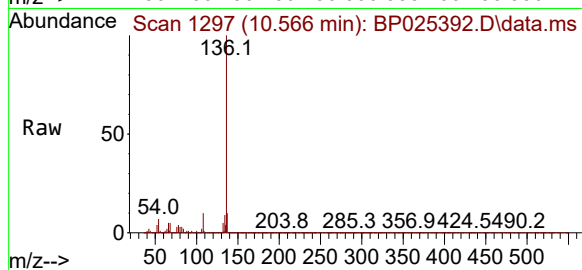
Acq: 14 Aug 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 567766

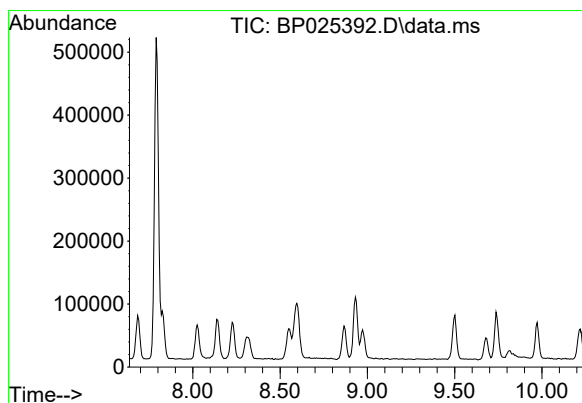
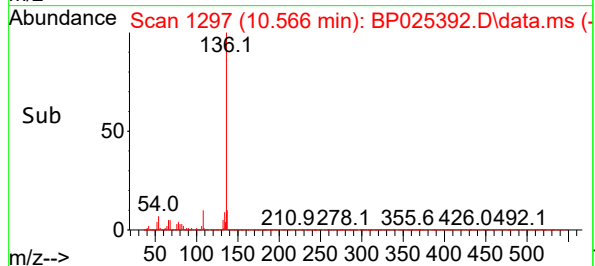
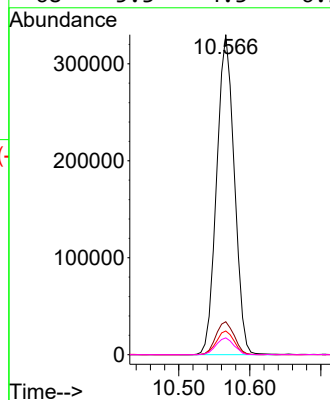
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 7.4 6.0 9.0

68 5.3 4.3 6.5



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 8.94 min

Lab File: BP025392.D

Acq: 14 Aug 2025 12:33

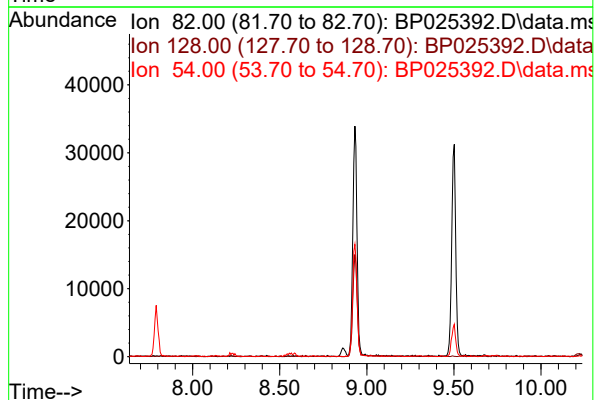
Tgt Ion: 82

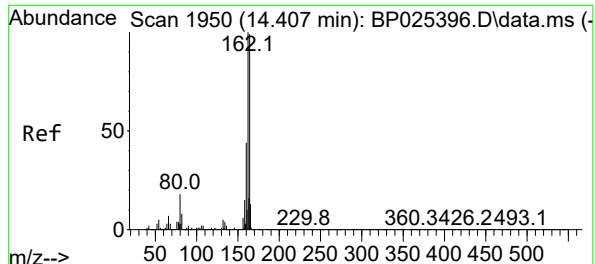
Sig Exp Ratio

82 100

128 47.1

54 49.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.419 min Scan# 1952

Delta R.T. 0.012 min

Lab File: BP025392.D

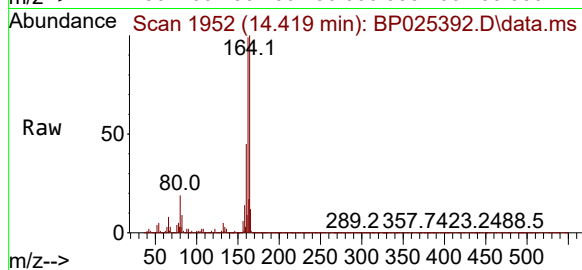
Acq: 14 Aug 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



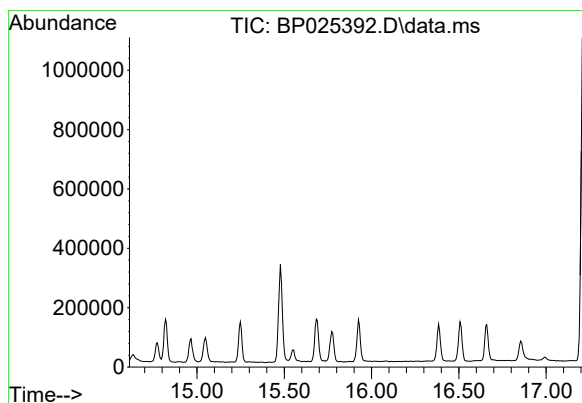
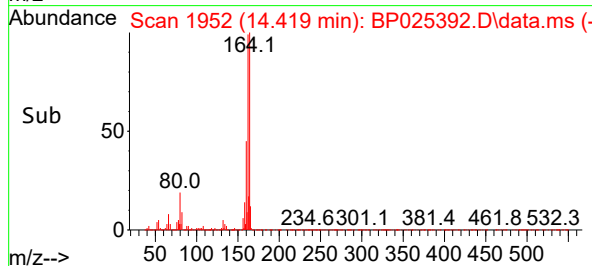
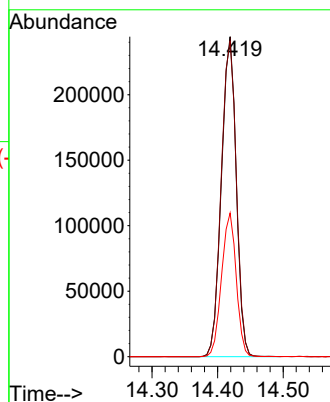
Tgt Ion:164 Resp: 380728

Ion Ratio Lower Upper

164 100

162 98.7 81.0 121.6

160 44.9 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.91 min

Lab File: BP025392.D

Acq: 14 Aug 2025 12:33

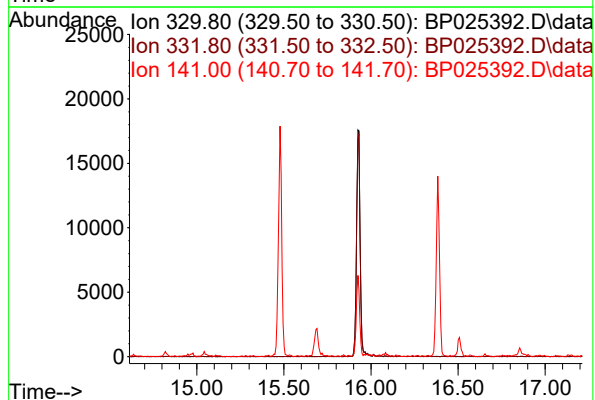
Tgt Ion: 330

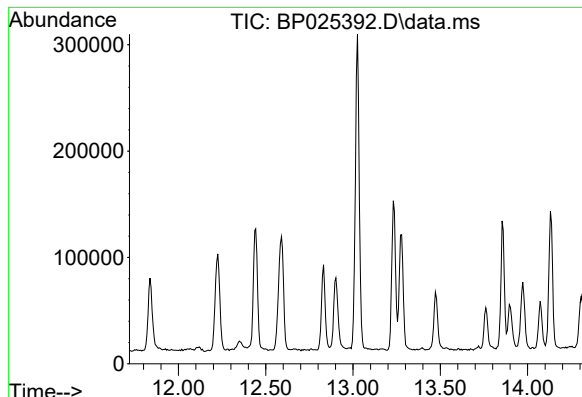
Sig Exp Ratio

330 100

332 96.6

141 33.2

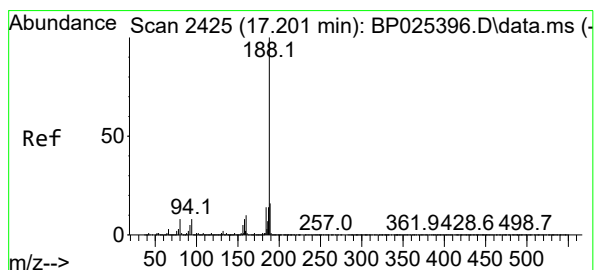
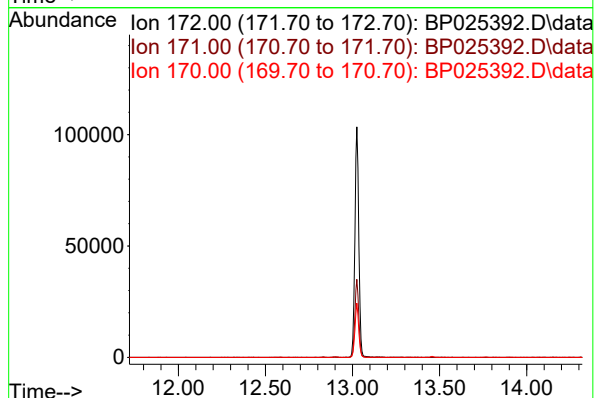




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.02 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

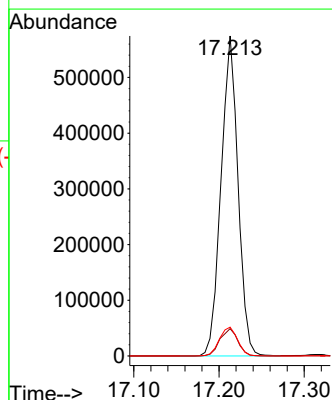
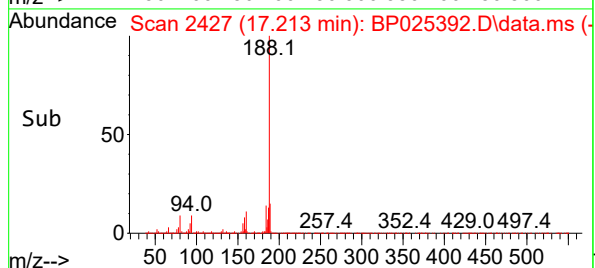
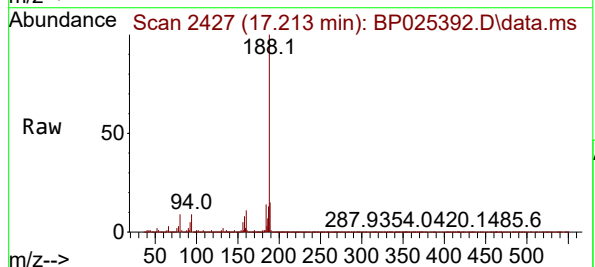
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

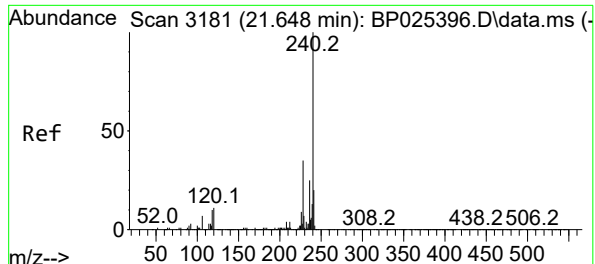
Tgt Ion: 172
Sig Exp Ratio
172 100
171 35.1
170 23.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 188 Resp: 796256
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.0 6.7 10.1

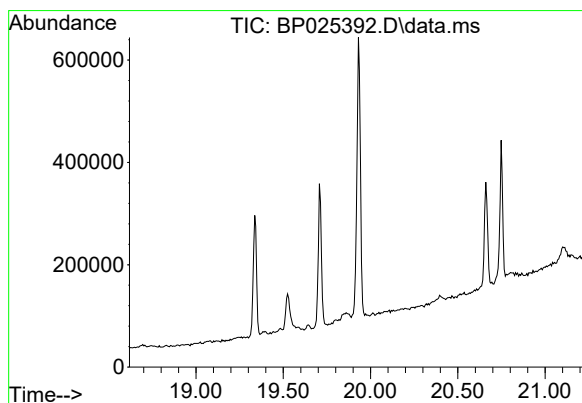
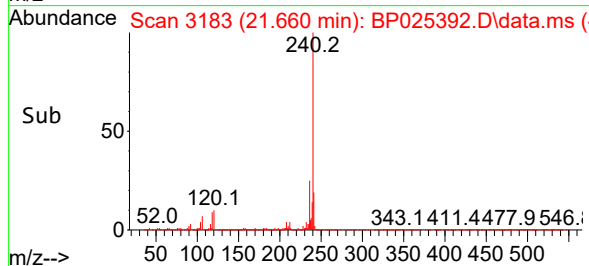
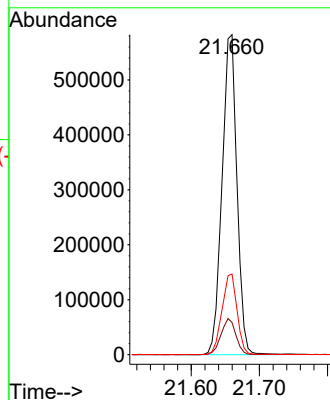
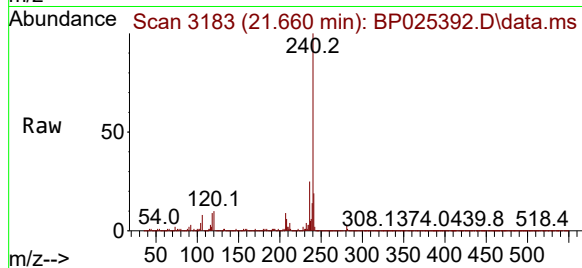




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

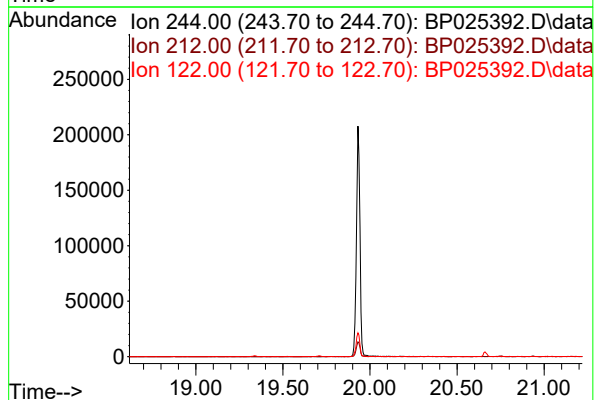
Tgt Ion: 240 Resp: 884747
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 25.2 19.8 29.8



#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.92 min

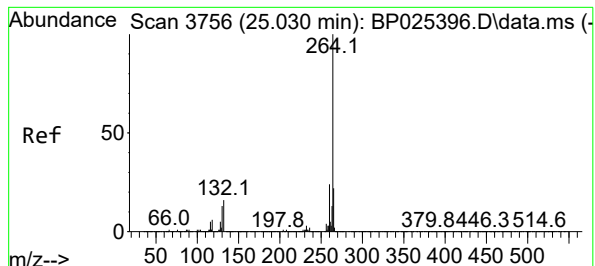
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.2
122 9.3



Ion 212.00 (211.70 to 212.70): BP025392.D\data.ms

Ion 122.00 (121.70 to 122.70): BP025392.D\data.ms



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.042 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025392.D

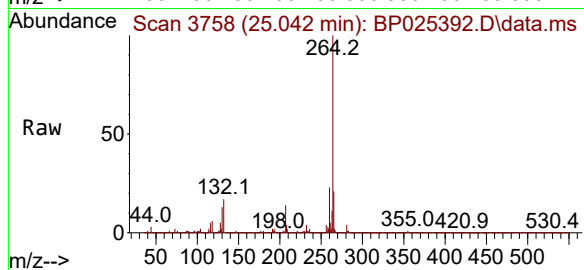
Acq: 14 Aug 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



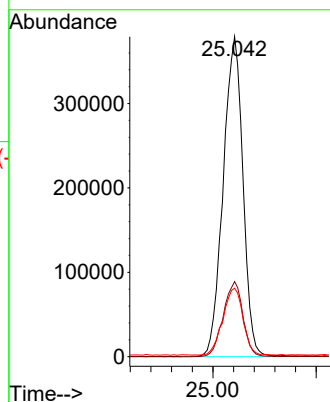
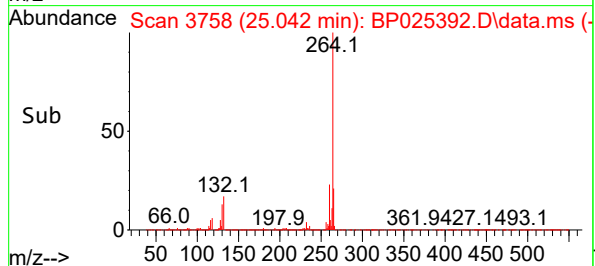
Tgt Ion:264 Resp: 1005304

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.4 17.4 26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025393.D
 Acq On : 14 Aug 2025 13:15
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:52:32 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 14 17:44:43 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	130958	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	551384	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	392376	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	816331	20.000	ng	0.00
76) Chrysene-d12	21.654	240	858165	20.000	ng	0.00
86) Perylene-d12	25.036	264	963881	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	80645	10.227	ng	0.00
7) Phenol-d6	6.966	99	97106	9.605	ng	0.00
23) Nitrobenzene-d5	8.931	82	108814	9.983	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	52188	9.881	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	305742	10.649	ng	0.00
79) Terphenyl-d14	19.925	244	536049	11.428	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.337	88	17016	5.509	ng	95
3) Pyridine	3.731	79	47347	5.600	ng	95
6) Aniline	7.119	93	68694	5.043	ng	100
8) 2-Chlorophenol	7.366	128	44217	4.969	ng	98
10) Phenol	6.990	94	52186	4.919	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	41995	5.079	ng	98
12) 1,3-Dichlorobenzene	7.684	146	50146	5.111	ng	96
13) 1,4-Dichlorobenzene	7.825	146	51948	5.180	ng	97
14) 1,2-Dichlorobenzene	8.143	146	50995	5.253	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.313	45	57686	5.208	ng	98
17) 2-Methylphenol	8.225	107	35186	4.776	ng	96
18) Hexachloroethane	8.866	117	18905	5.127	ng	99
19) n-Nitroso-di-n-propyla...	8.584	70	34898	5.205	ng	95
22) Acetophenone	8.602	105	70986	5.134	ng	# 96
24) Nitrobenzene	8.972	77	48234	4.951	ng	99
25) Isophorone	9.496	82	101112	5.242	ng	98
26) 2-Nitrophenol	9.678	139	23020	4.605	ng	95
27) 2,4-Dimethylphenol	9.737	122	41790	4.861	ng	99
28) bis(2-Chloroethoxy)met...	9.972	93	61017	5.233	ng	98
29) 2,4-Dichlorophenol	10.213	162	40336	4.723	ng	94
30) 1,2,4-Trichlorobenzene	10.425	180	49237	5.259	ng	97
31) Naphthalene	10.613	128	147346	5.141	ng	99
33) 4-Chloroaniline	10.713	127	62452	4.933	ng	96
34) Hexachlorobutadiene	10.902	225	30559	5.241	ng	95
36) 4-Chloro-3-methylphenol	11.837	107	50515	5.154	ng	91
37) 2-Methylnaphthalene	12.219	142	98648	5.289	ng	97
38) 1-Methylnaphthalene	12.437	142	107044	5.397	ng	97
40) 1,2,4,5-Tetrachloroben...	12.590	216	56676	5.001	ng	100
43) 2,4,6-Trichlorophenol	12.831	196	36093	4.718	ng	95
44) 2,4,5-Trichlorophenol	12.901	196	40875	4.875	ng	95
46) 1,1'-Biphenyl	13.237	154	146651	5.146	ng	98
47) 2-Chloronaphthalene	13.272	162	113015	5.094	ng	99
48) 2-Nitroaniline	13.466	65	29527	4.568	ng	98
49) Acenaphthylene	14.125	152	187026	5.095	ng	99
50) Dimethylphthalate	13.860	163	153868	5.355	ng	99
51) 2,6-Dinitrotoluene	13.966	165	29088	4.803	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025393.D
 Acq On : 14 Aug 2025 13:15
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:52:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.472	154	112730m	5.232	ng	
53) 3-Nitroaniline	14.301	138	31224	4.583	ng	85
55) Dibenzofuran	14.813	168	178494	5.240	ng	99
57) 2,4-Dinitrotoluene	14.760	165	39658	4.590	ng	94
58) Fluorene	15.472	166	147760	5.497	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.037	232	36779	4.968	ng	99
60) Diethylphthalate	15.237	149	158426	5.426	ng	99
61) 4-Chlorophenyl-phenyle...	15.466	204	74636	5.583	ng	99
62) 4-Nitroaniline	15.478	138	33466	4.791	ng	90
63) Azobenzene	15.760	77	128978	5.159	ng	99
66) n-Nitrosodiphenylamine	15.678	169	129805	5.214	ng	97
67) 4-Bromophenyl-phenylether	16.378	248	47579	5.299	ng	98
68) Hexachlorobenzene	16.501	284	53940	5.183	ng	98
69) Atrazine	16.648	200	46750	5.015	ng	96
71) Phenanthrene	17.248	178	237107	5.287	ng	98
72) Anthracene	17.342	178	236938	5.174	ng	99
73) Carbazole	17.619	167	220112	5.103	ng	98
74) Di-n-butylphthalate	18.231	149	274467	5.172	ng	99
75) Fluoranthene	19.336	202	279497	5.225	ng	99
78) Pyrene	19.713	202	299922	5.377	ng	98
80) Butylbenzylphthalate	20.654	149	126321	4.997	ng	99
81) Benzo(a)anthracene	21.636	228	296847	5.245	ng	100
83) Chrysene	21.701	228	277175	5.229	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	194541	5.228	ng	97
87) Indeno(1,2,3-cd)pyrene	28.865	276	350414	4.956	ng	98
88) Benzo(b)fluoranthene	23.960	252	289797	5.099	ng	99
89) Benzo(k)fluoranthene	24.042	252	289556	5.091	ng	98
90) Benzo(a)pyrene	24.877	252	274440	4.960	ng	99
91) Dibenzo(a,h)anthracene	28.942	278	284440	4.924	ng	100
92) Benzo(g,h,i)perylene	30.036	276	279987	4.931	ng	97

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

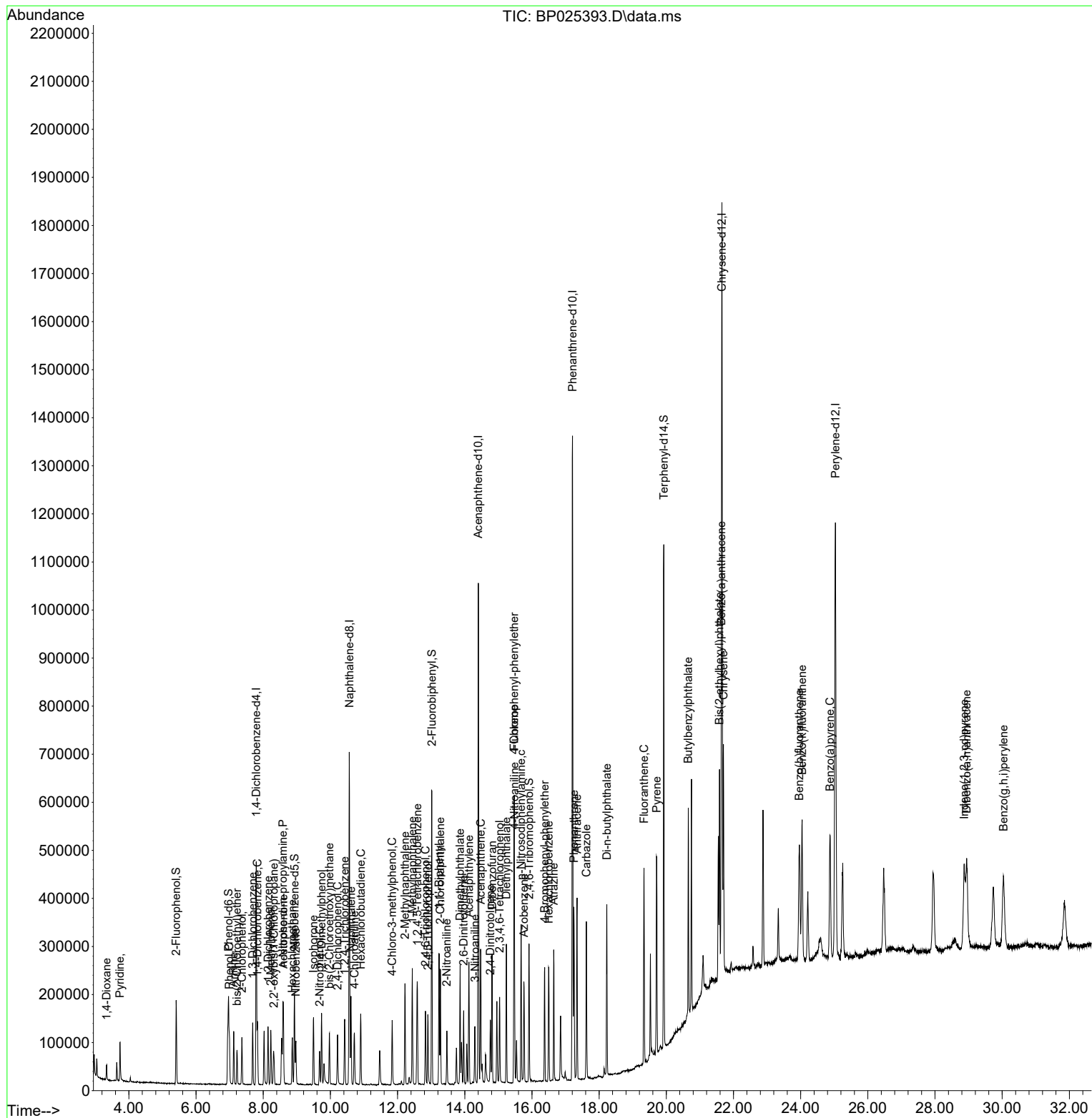
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 Acq On : 14 Aug 2025 13:15
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

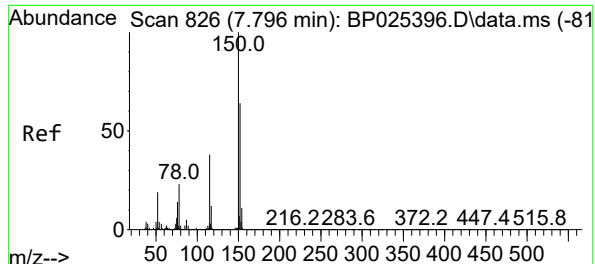
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

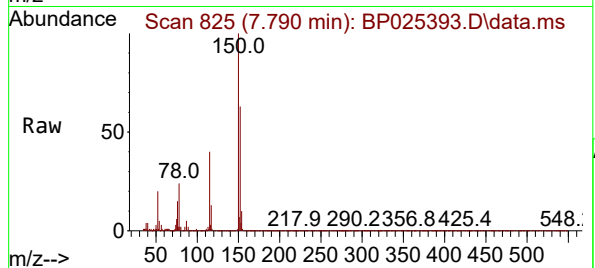
Quant Time: Aug 14 17:52:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

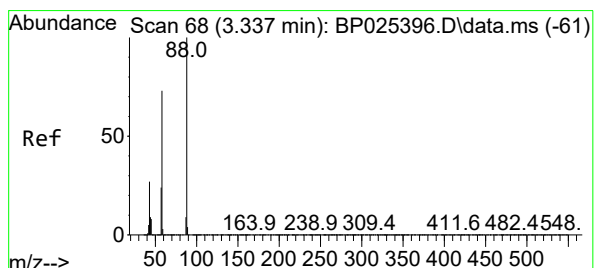
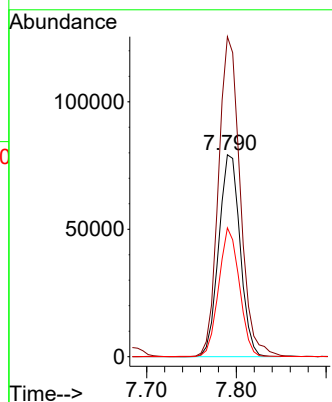
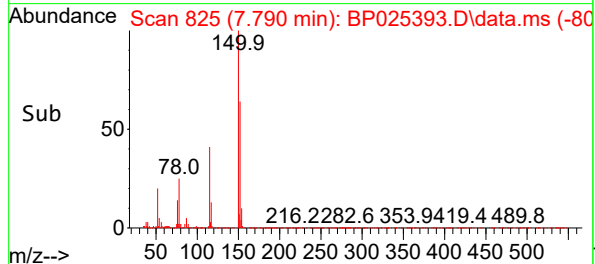
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 152 Resp: 130958
Ion Ratio Lower Upper
152 100
150 158.5 125.9 188.9
115 63.8 48.5 72.7

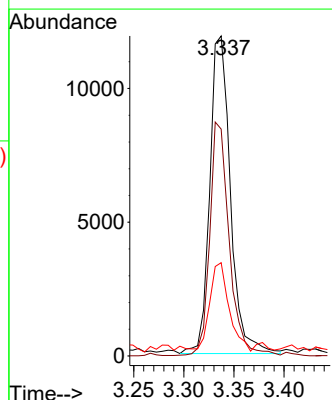
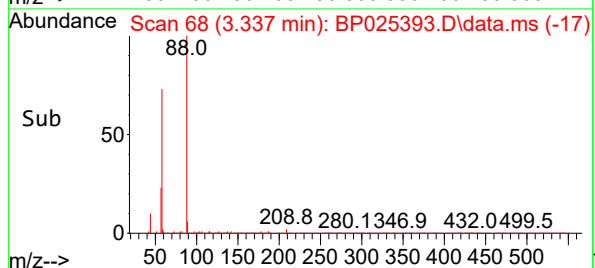
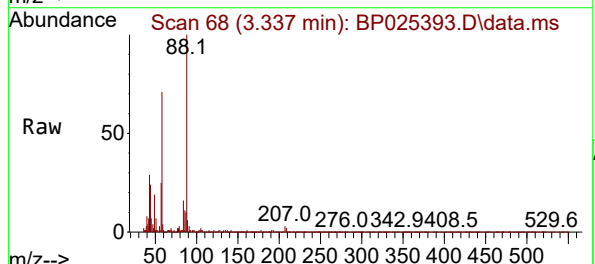
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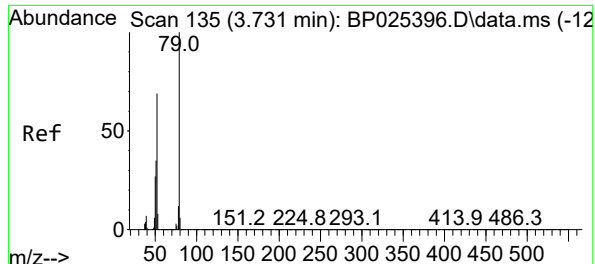
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 5.509 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

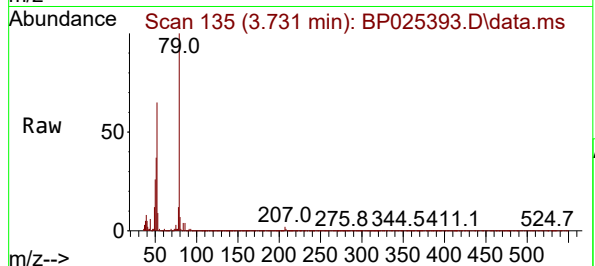
Tgt Ion: 88 Resp: 17016
Ion Ratio Lower Upper
88 100
58 69.1 59.2 88.8
43 26.1 21.7 32.5





#3
Pyridine
Concen: 5.600 ng
RT: 3.731 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

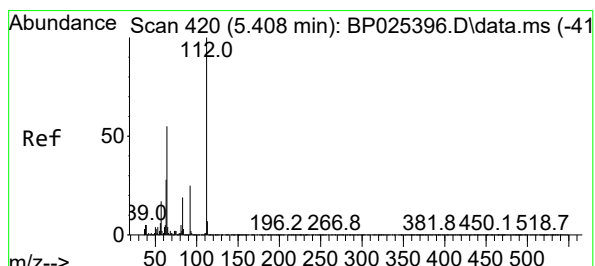
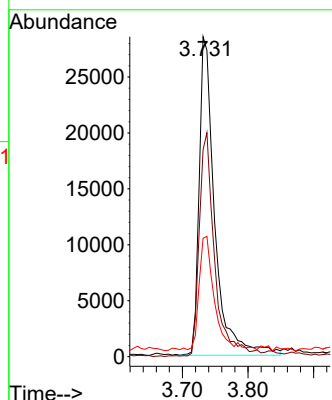
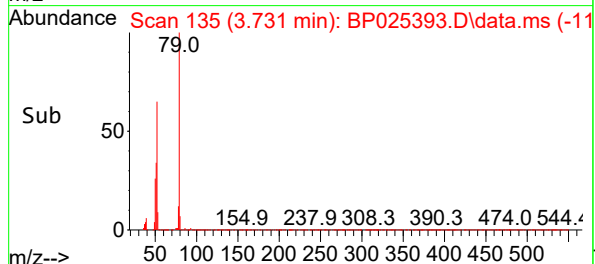
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 79 Resp: 4734
Ion Ratio Lower Upper
79 100
52 64.7 55.5 83.3
51 37.0 28.3 42.5

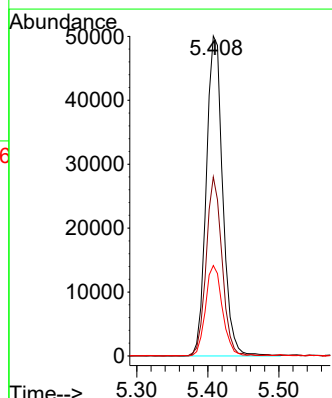
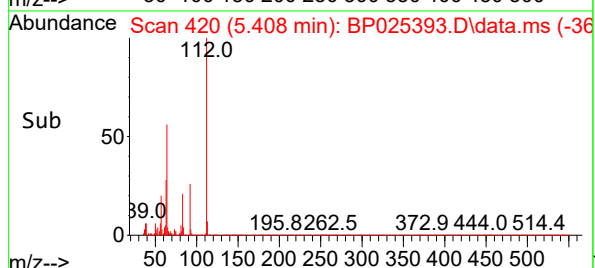
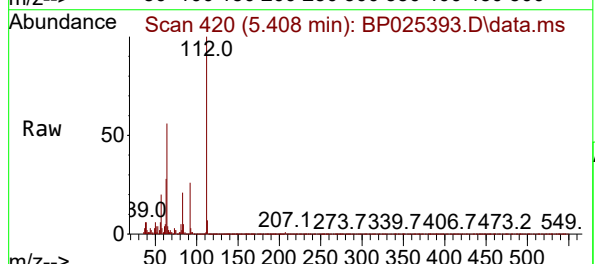
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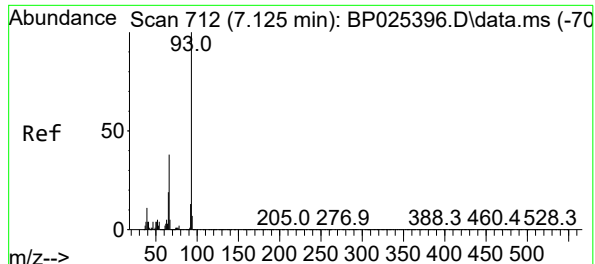
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#5
2-Fluorophenol
Concen: 10.227 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

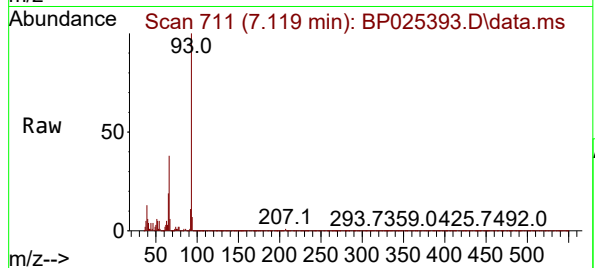
Tgt Ion:112 Resp: 80645
Ion Ratio Lower Upper
112 100
64 55.9 43.8 65.8
63 28.3 22.7 34.1





#6
Aniline
Concen: 5.043 ng
RT: 7.119 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

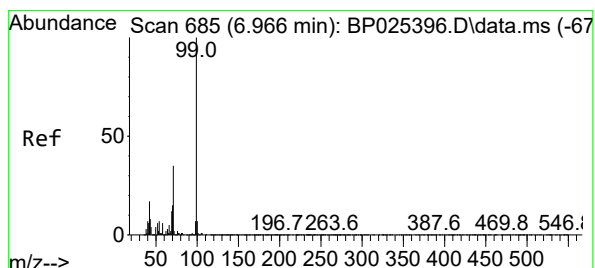
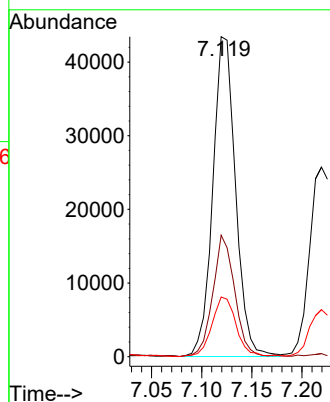
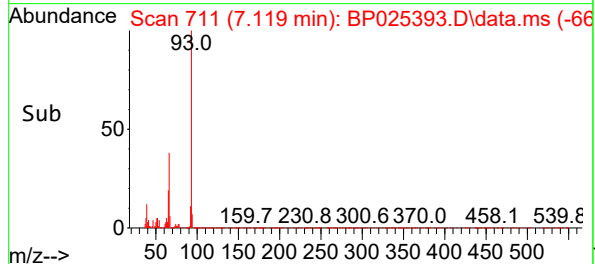
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 93 Resp: 68694
Ion Ratio Lower Upper
93 100
66 38.0 30.4 45.6
65 18.6 15.3 22.9

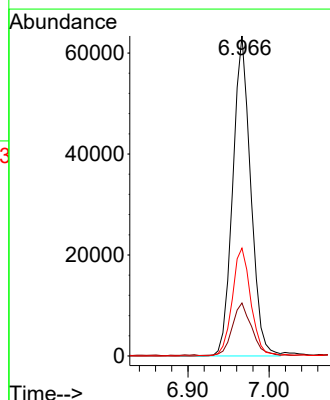
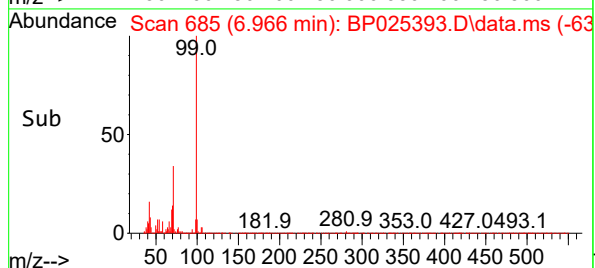
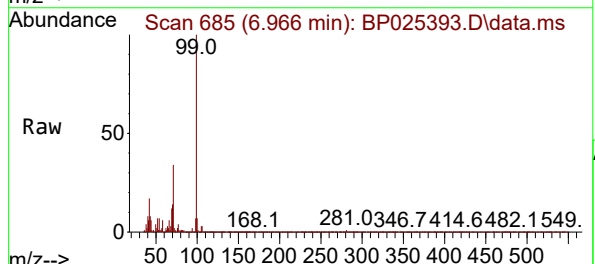
Manual Integrations
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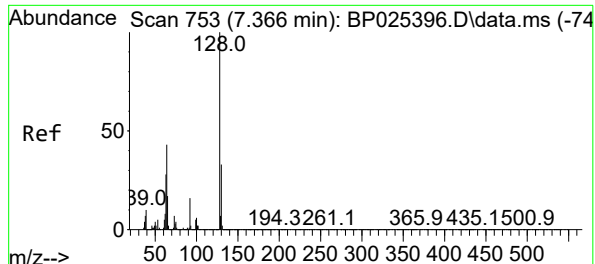
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#7
Phenol-d6
Concen: 9.605 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 99 Resp: 97106
Ion Ratio Lower Upper
99 100
42 16.5 13.7 20.5
71 33.7 28.2 42.4





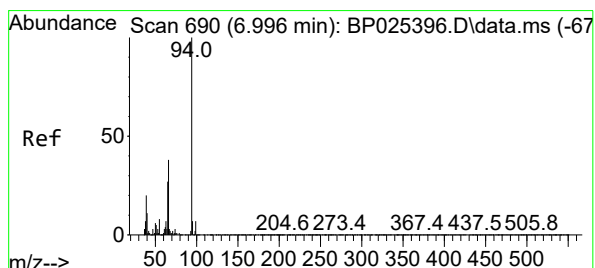
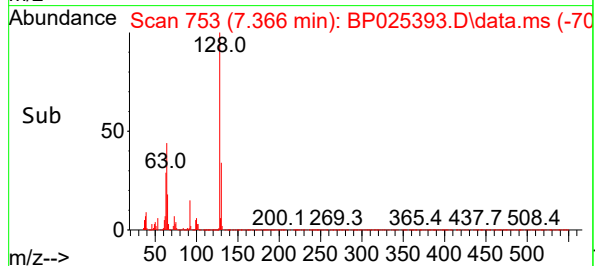
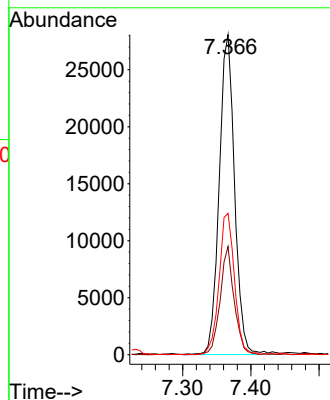
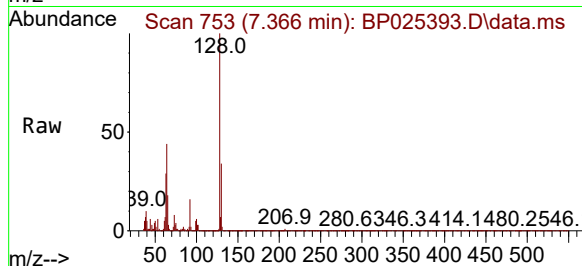
#8
2-Chlorophenol
Concen: 4.969 ng
RT: 7.366 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 128 Resp: 4421
Ion Ratio Lower Upper
128 100
130 33.8 12.6 52.6
64 44.1 23.4 63.4

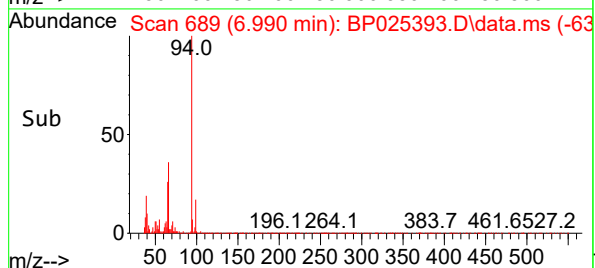
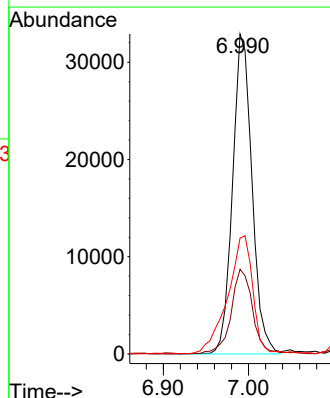
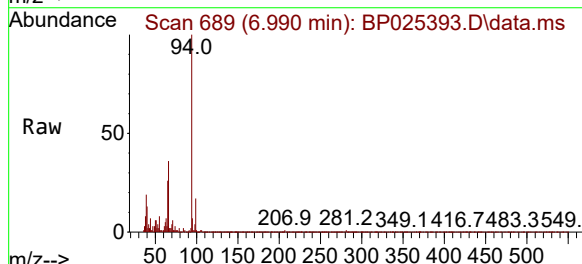
Manual Integrations
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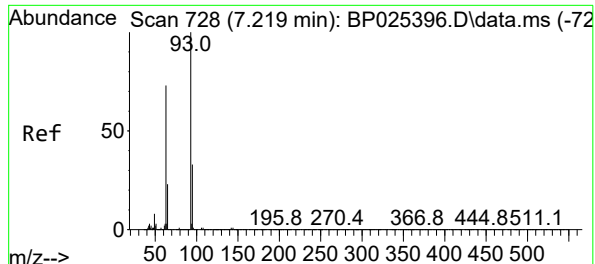
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 4.919 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

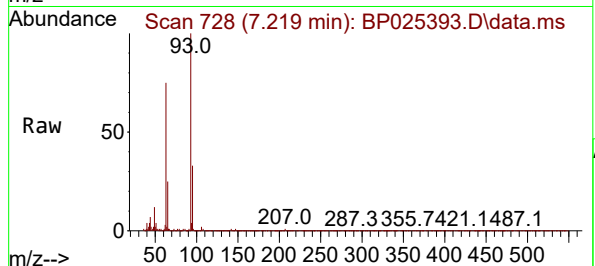
Tgt Ion: 94 Resp: 52186
Ion Ratio Lower Upper
94 100
65 26.5 6.8 46.8
66 36.2 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 5.079 ng
RT: 7.219 min Scan# 728
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

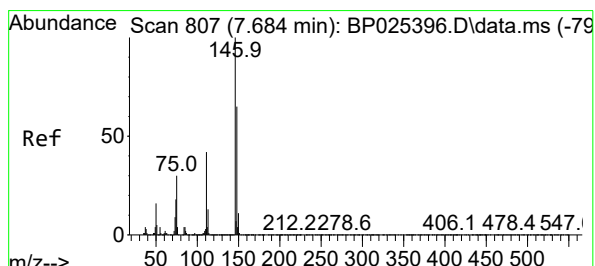
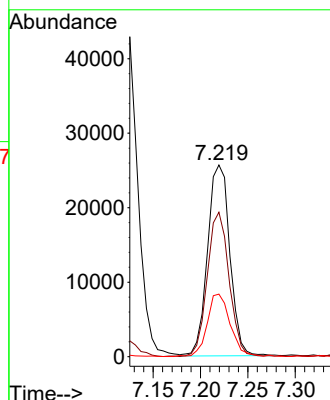
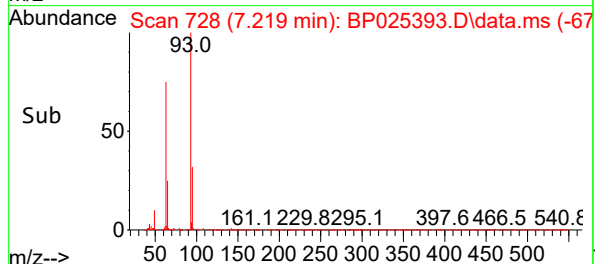
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



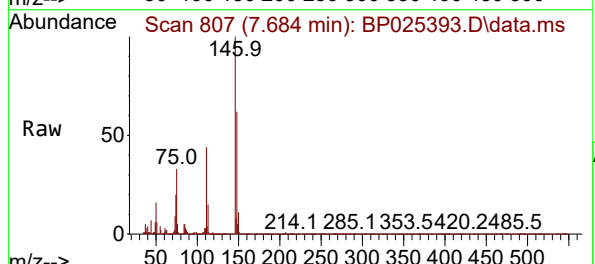
Tgt Ion: 93 Resp: 4199
Ion Ratio Lower Upper
93 100
63 75.4 52.6 92.6
95 32.6 12.7 52.7

Manual Integrations
APPROVED

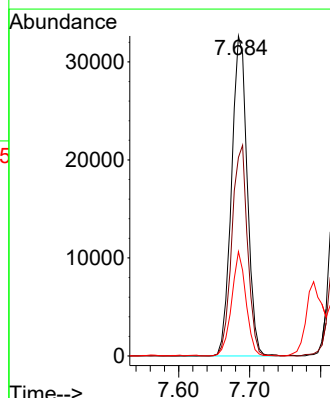
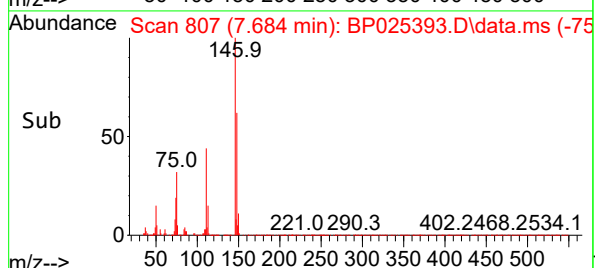
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

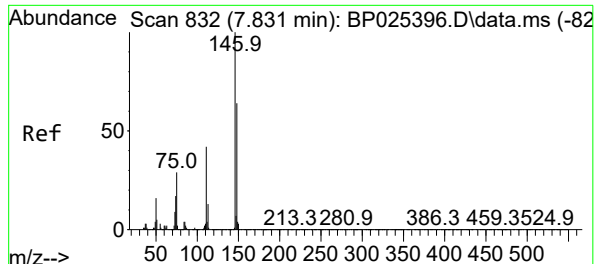


#12
1,3-Dichlorobenzene
Concen: 5.111 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



Tgt Ion:146 Resp: 50146
Ion Ratio Lower Upper
146 100
148 62.1 51.9 77.9
75 32.6 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 5.180 ng

RT: 7.825 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

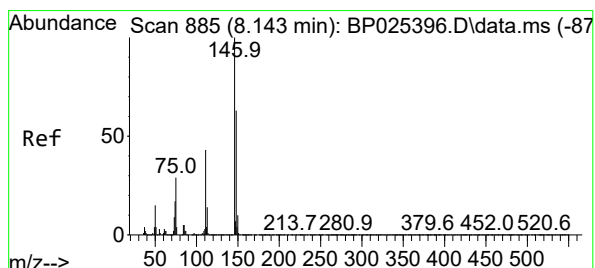
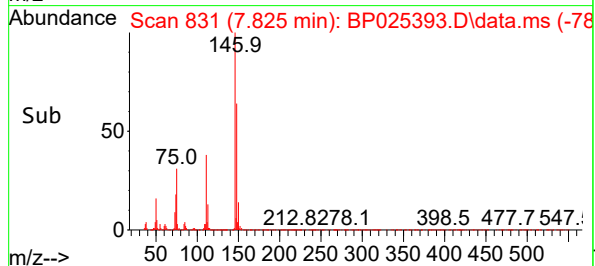
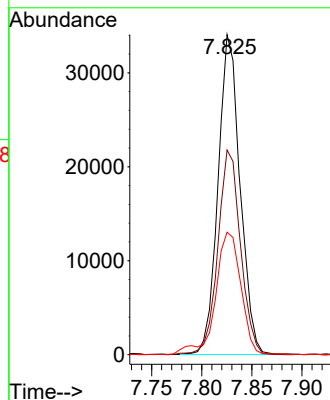
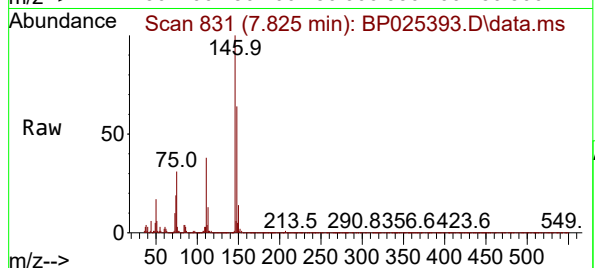
Tgt Ion:	146	Resp:	5194
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.6	77.4
111	38.3	33.4	50.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 5.253 ng

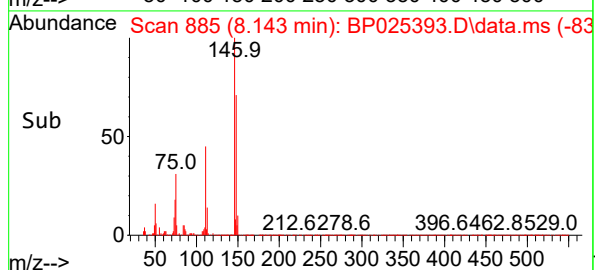
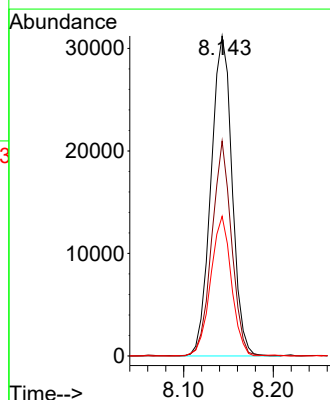
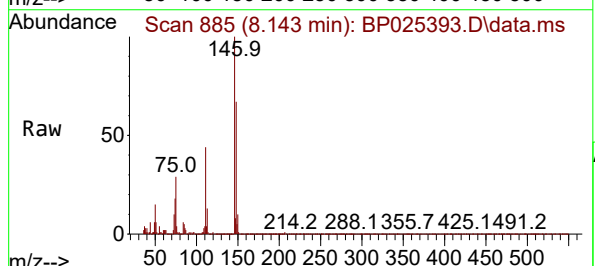
RT: 8.143 min Scan# 885

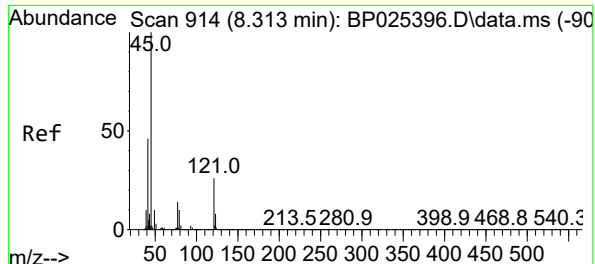
Delta R.T. 0.000 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

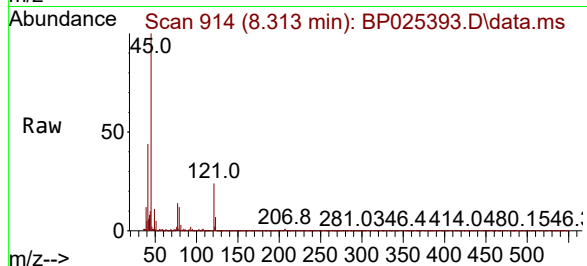
Tgt Ion:	146	Resp:	50995
Ion Ratio	Lower	Upper	
146	100		
148	67.2	50.4	75.6
111	43.7	34.5	51.7





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.208 ng
RT: 8.313 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

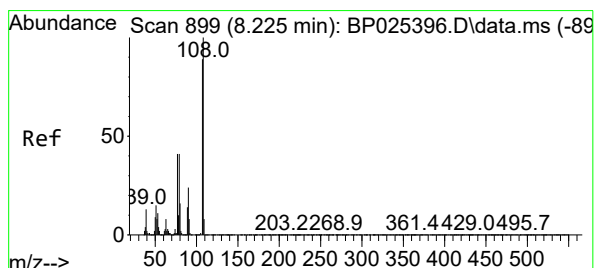
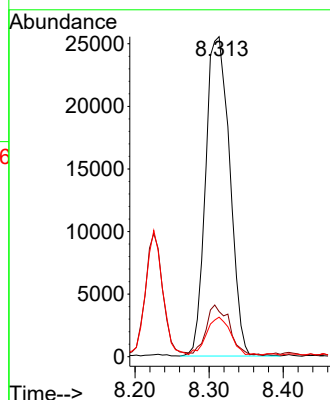
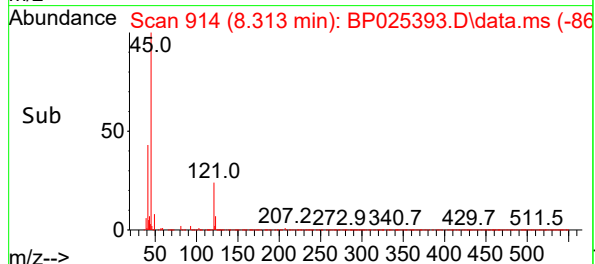
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 45 Resp: 5768
Ion Ratio Lower Upper
45 100
77 14.1 0.0 35.3
79 12.4 0.0 31.8

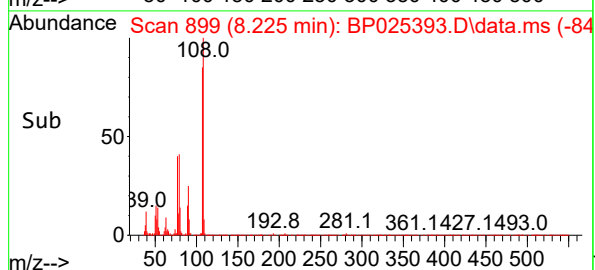
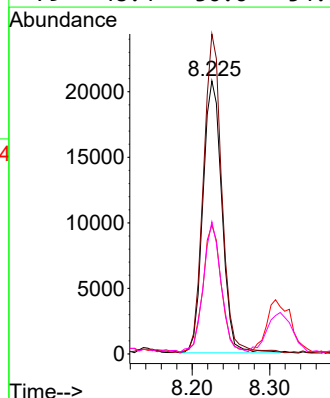
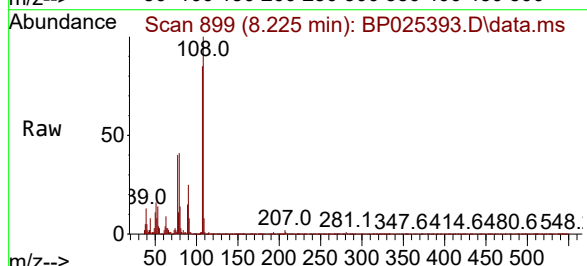
Manual Integrations
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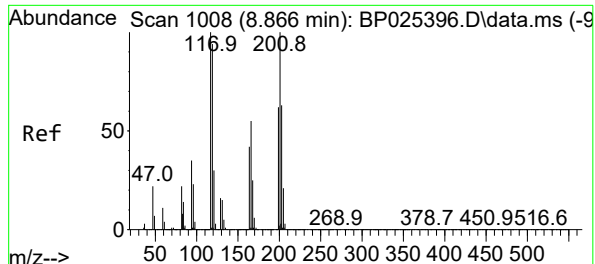
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#17
2-Methylphenol
Concen: 4.776 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

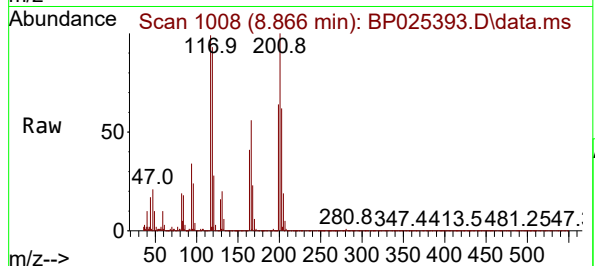
Tgt Ion:107 Resp: 35186
Ion Ratio Lower Upper
107 100
108 117.2 89.4 134.0
77 47.2 36.3 54.5
79 48.4 36.6 54.8





#18
Hexachloroethane
Concen: 5.127 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

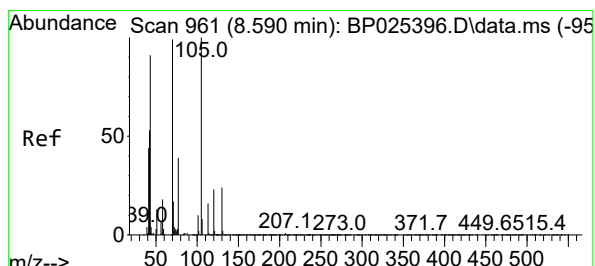
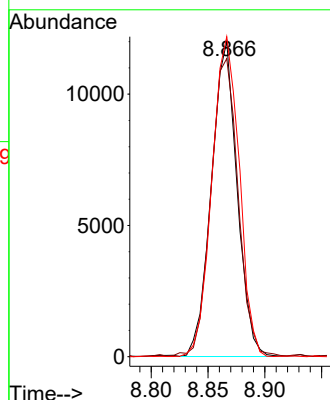
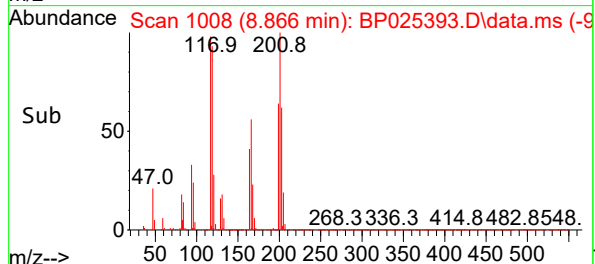
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 117 Resp: 1890
Ion Ratio Lower Upper
117 100
119 94.5 75.1 112.7
201 101.5 80.1 120.1

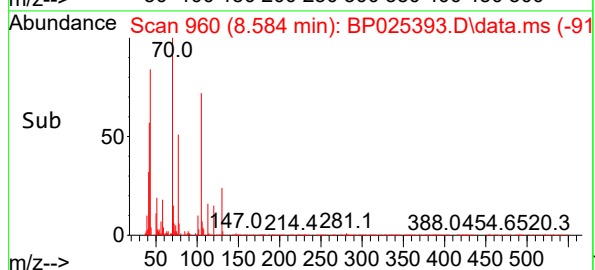
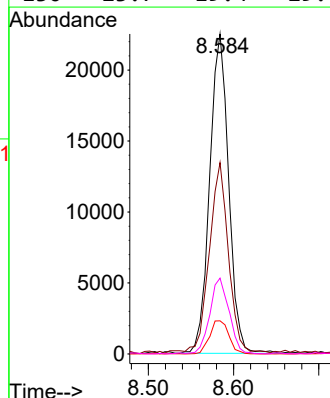
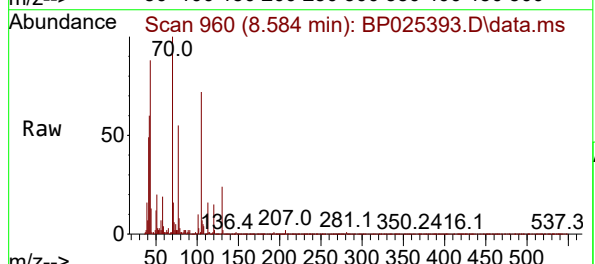
Manual Integrations
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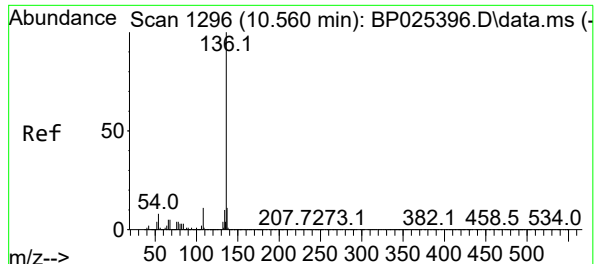
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#19
n-Nitroso-di-n-propylamine
Concen: 5.205 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

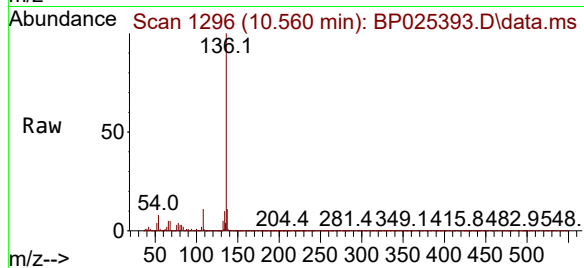
Tgt Ion: 70 Resp: 34898
Ion Ratio Lower Upper
70 100
42 59.8 43.8 65.6
101 10.3 8.5 12.7
130 23.7 19.4 29.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

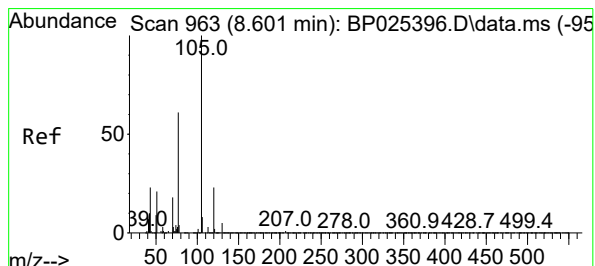
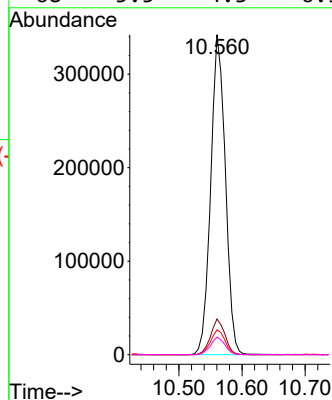
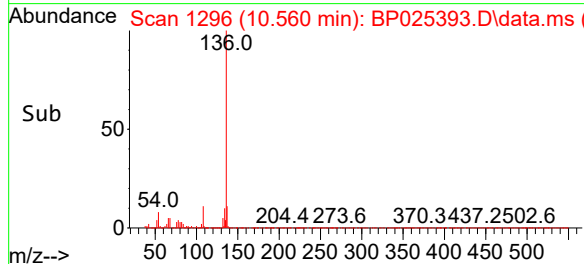
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:136 Resp: 551384
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.8 6.0 9.0
68 5.5 4.3 6.5

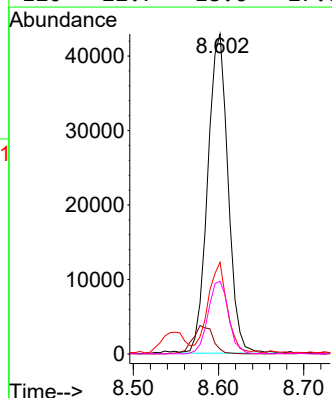
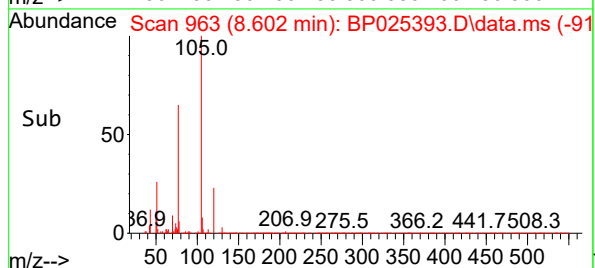
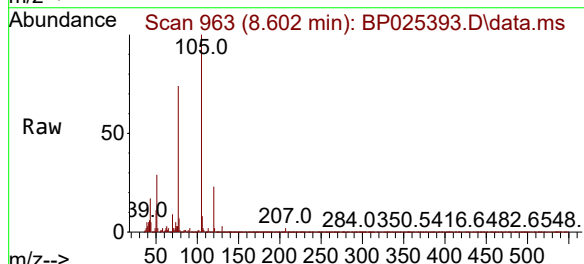
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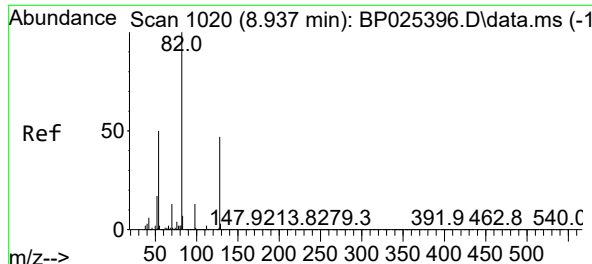
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#22
Acetophenone
Concen: 5.134 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:105 Resp: 70986
Ion Ratio Lower Upper
105 100
71 1.5 2.6 4.0#
51 28.7 20.6 30.8
120 22.7 18.6 27.8





#23

Nitrobenzene-d5

Concen: 9.983 ng

RT: 8.931 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion: 82 Resp: 108814

Ion Ratio Lower Upper

82 100

128 47.0 37.7 56.5

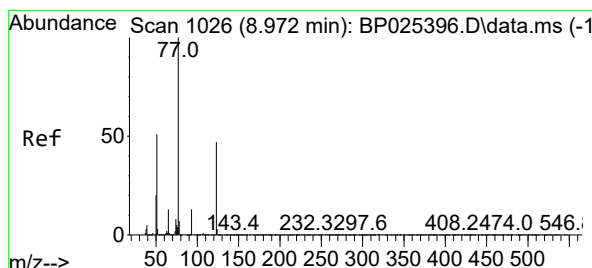
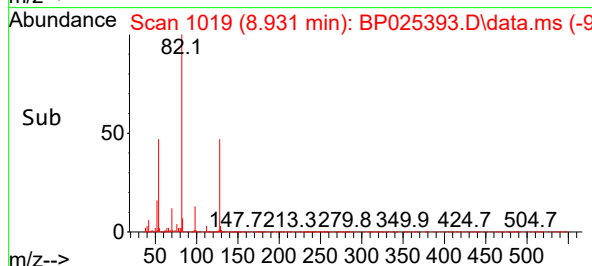
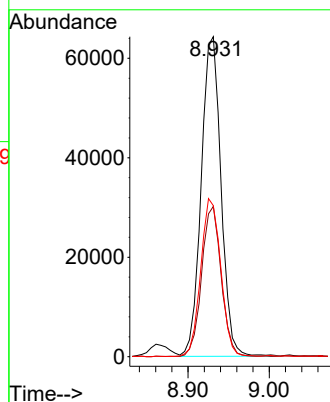
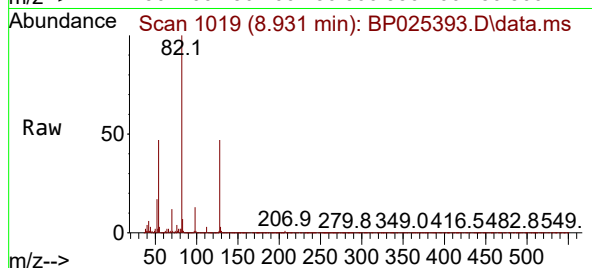
54 47.2 39.8 59.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#24

Nitrobenzene

Concen: 4.951 ng

RT: 8.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

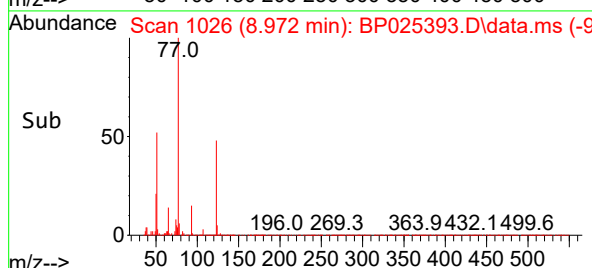
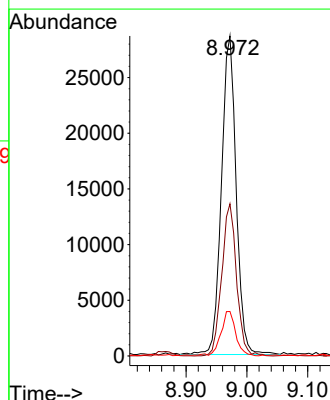
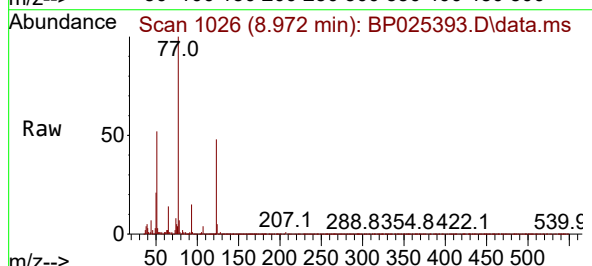
Tgt Ion: 77 Resp: 48234

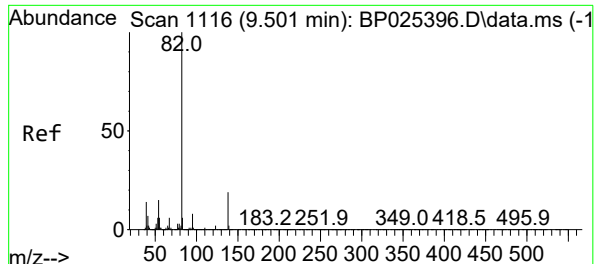
Ion Ratio Lower Upper

77 100

123 47.6 38.6 58.0

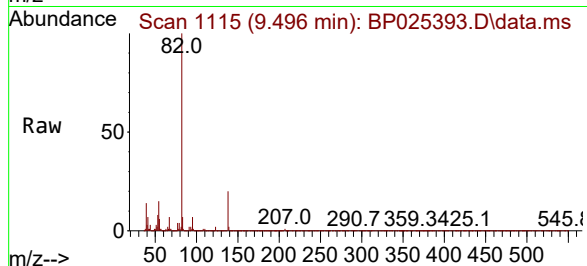
65 13.9 10.6 15.8





#25
Isophorone
Concen: 5.242 ng
RT: 9.496 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

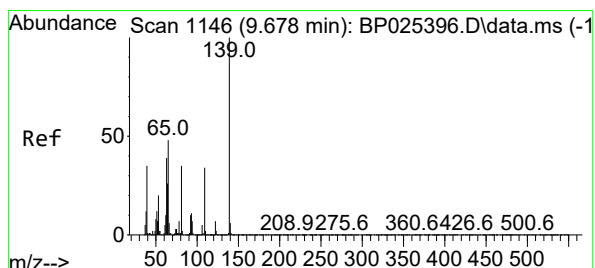
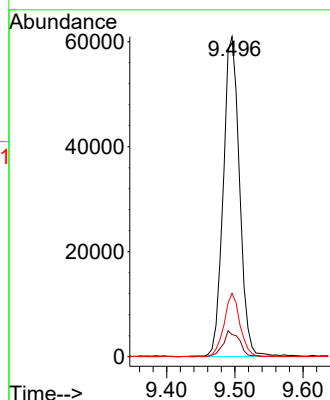
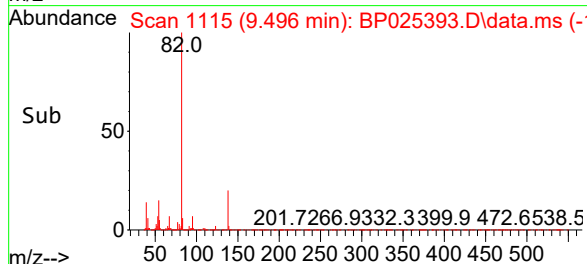
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 82 Resp: 10111
Ion Ratio Lower Upper
82 100
95 6.9 6.4 9.6
138 19.8 15.4 23.0

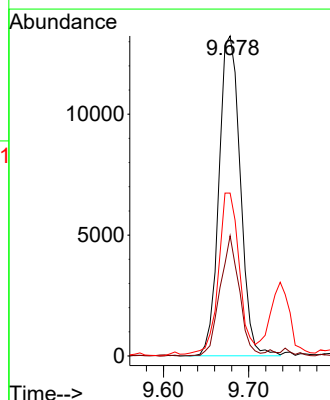
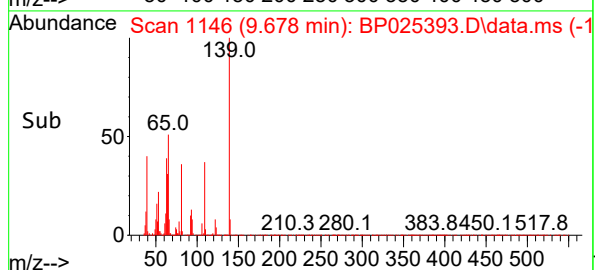
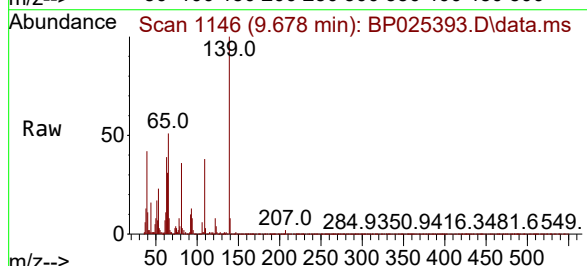
Manual Integrations
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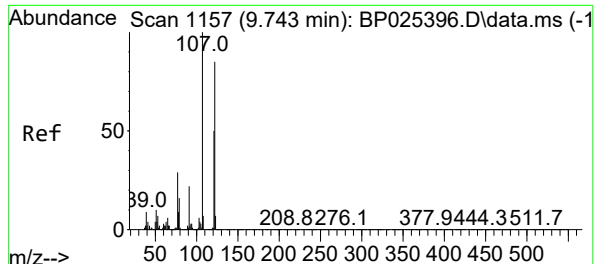
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#26
2-Nitrophenol
Concen: 4.605 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:139 Resp: 23020
Ion Ratio Lower Upper
139 100
109 37.5 26.9 40.3
65 50.9 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 4.861 ng

RT: 9.737 min Scan# 1157

Delta R.T. -0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:122 Resp: 41790

Ion Ratio Lower Upper

122 100

107 116.7 93.7 140.5

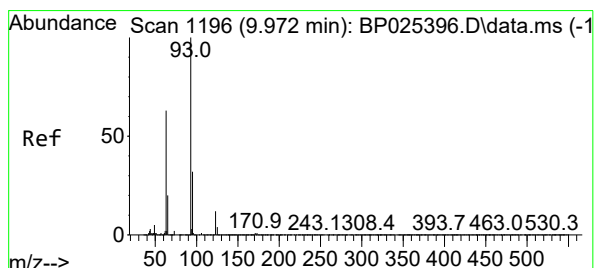
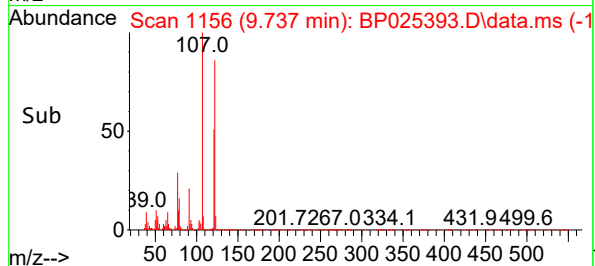
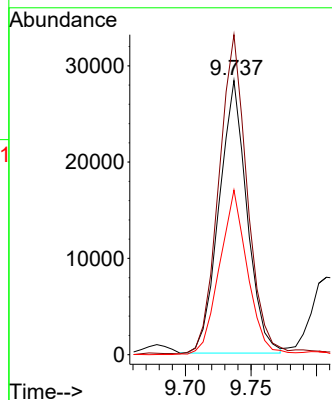
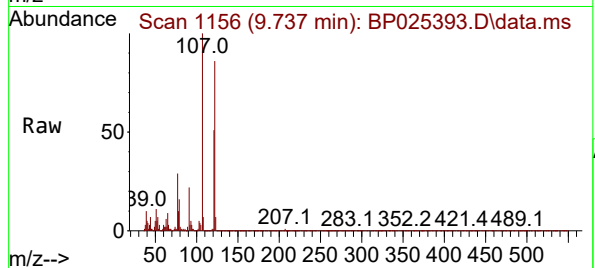
121 60.0 46.6 69.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 5.233 ng

RT: 9.972 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

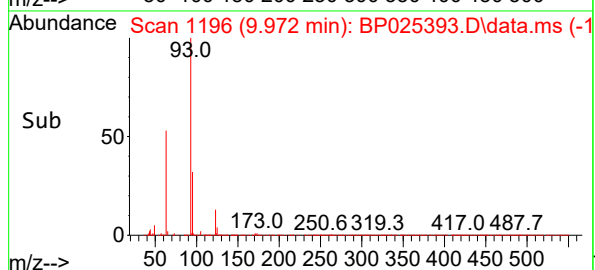
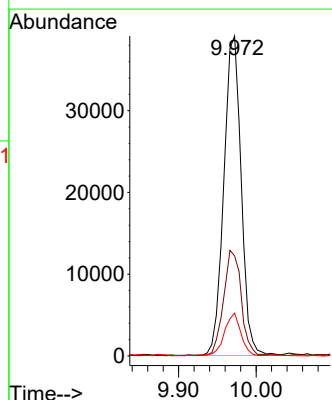
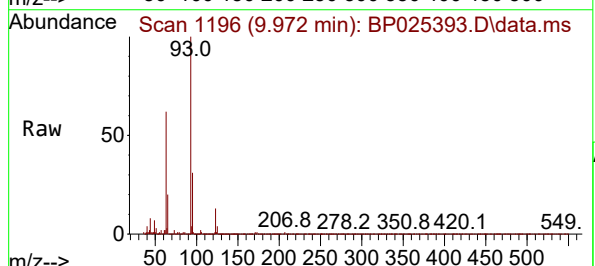
Tgt Ion: 93 Resp: 61017

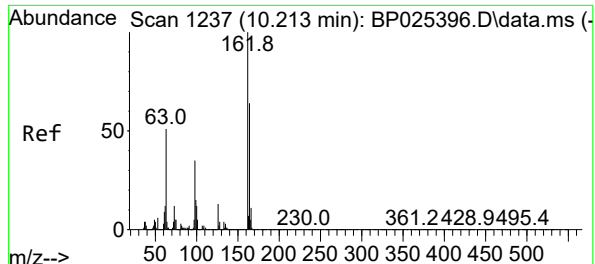
Ion Ratio Lower Upper

93 100

95 31.3 25.4 38.0

123 13.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 4.723 ng

RT: 10.213 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:162 Resp: 40330

Ion Ratio Lower Upper

162 100

164 60.3 44.4 84.4

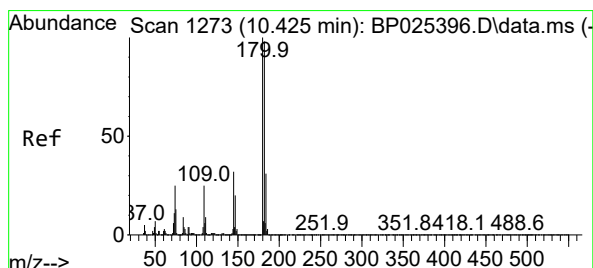
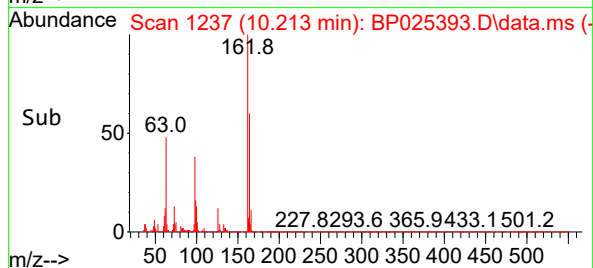
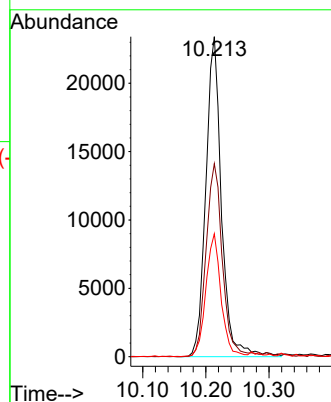
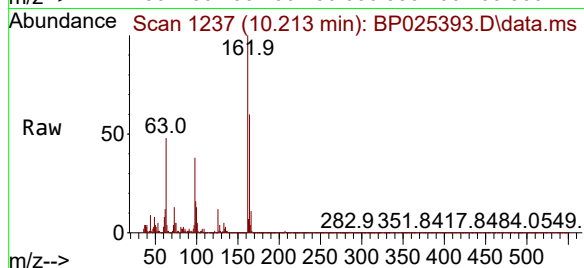
98 38.4 14.9 54.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 5.259 ng

RT: 10.425 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

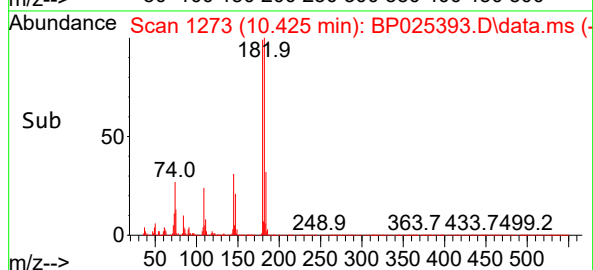
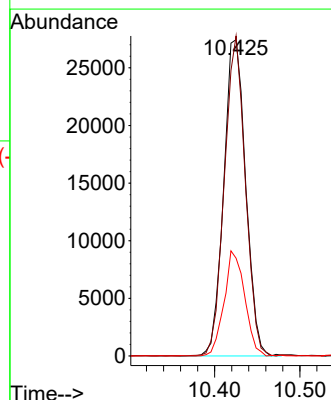
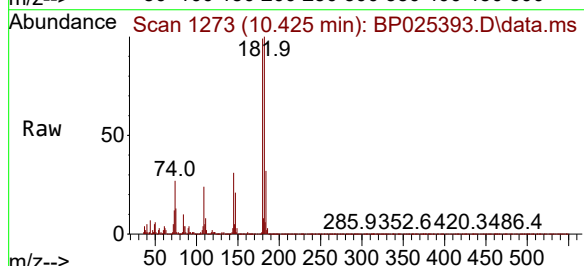
Tgt Ion:180 Resp: 49237

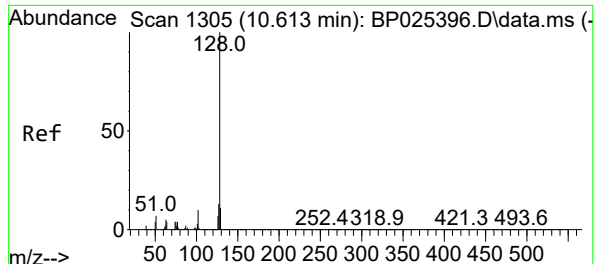
Ion Ratio Lower Upper

180 100

182 101.2 78.0 117.0

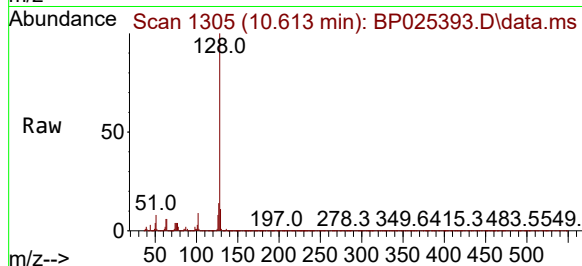
145 30.9 25.9 38.9





#31
Naphthalene
Concen: 5.141 ng
RT: 10.613 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

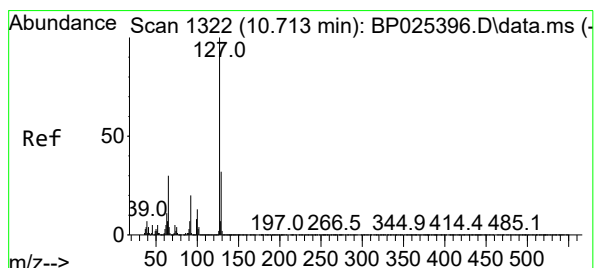
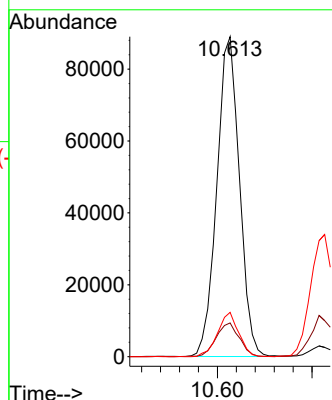
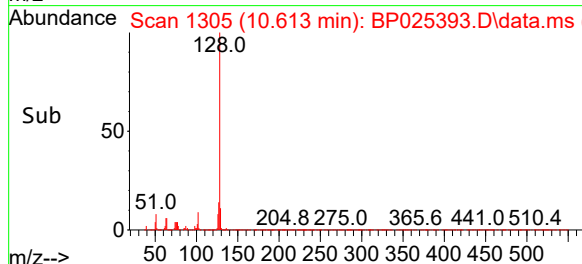
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:128 Resp: 147340
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.9 10.7 16.1

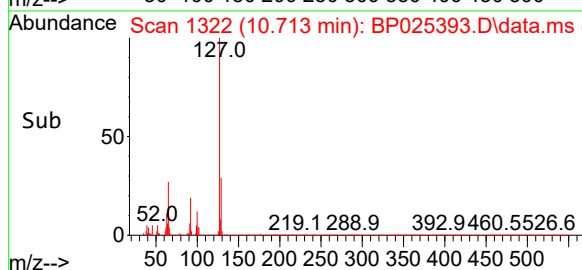
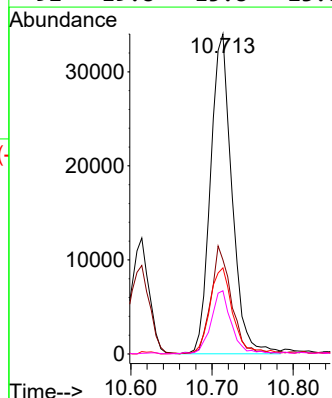
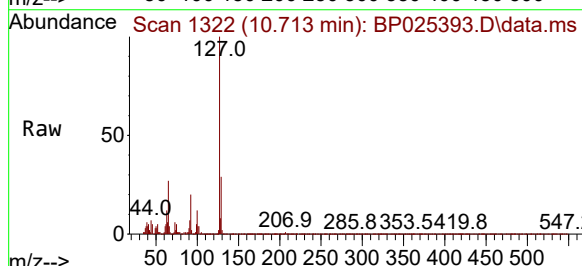
Manual Integrations
APPROVED

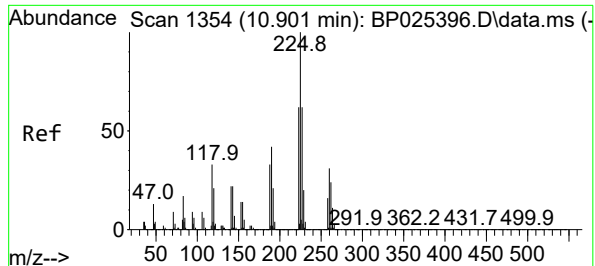
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#33
4-Chloroaniline
Concen: 4.933 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

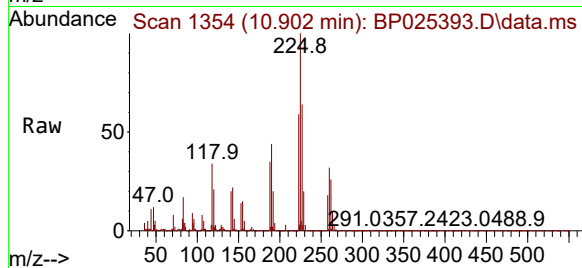
Tgt Ion:127 Resp: 62452
Ion Ratio Lower Upper
127 100
129 29.4 25.4 38.2
65 26.9 23.8 35.6
92 19.8 15.8 23.8





#34
Hexachlorobutadiene
Concen: 5.241 ng
RT: 10.902 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

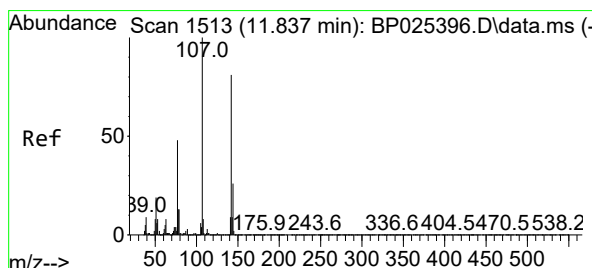
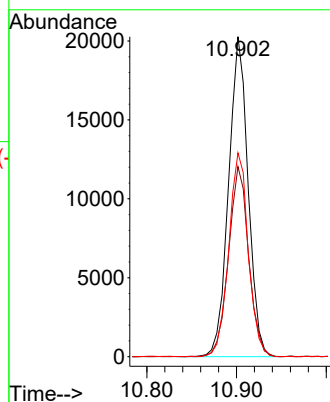
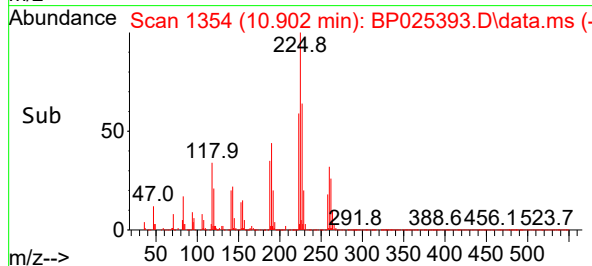
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



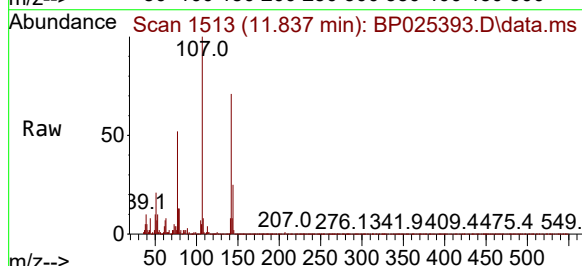
Tgt Ion: 225 Resp: 30559
Ion Ratio Lower Upper
225 100
223 59.4 50.0 75.0
227 66.3 49.7 74.5

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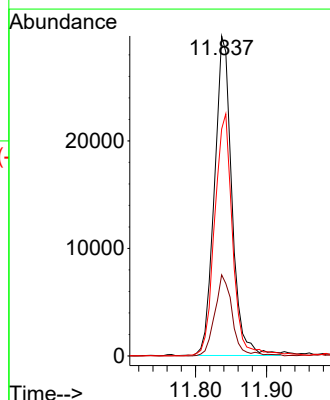
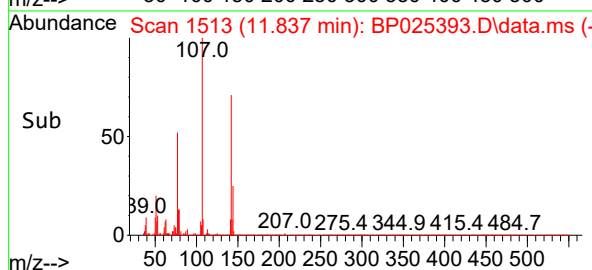
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

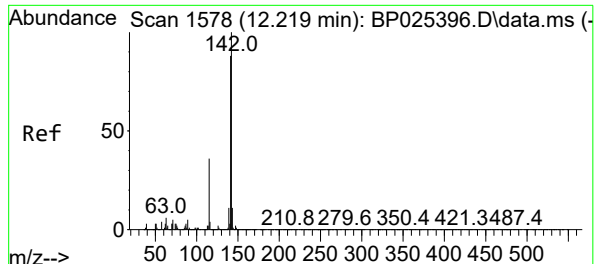


#36
4-Chloro-3-methylphenol
Concen: 5.154 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



Tgt Ion: 107 Resp: 50515
Ion Ratio Lower Upper
107 100
144 25.4 21.0 31.4
142 70.9 64.6 97.0





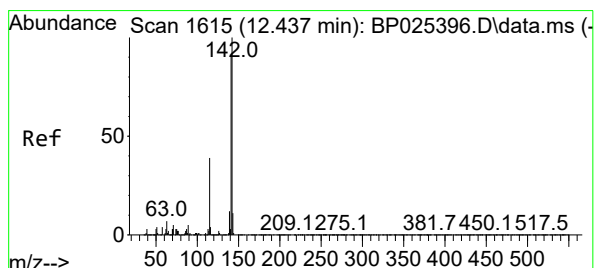
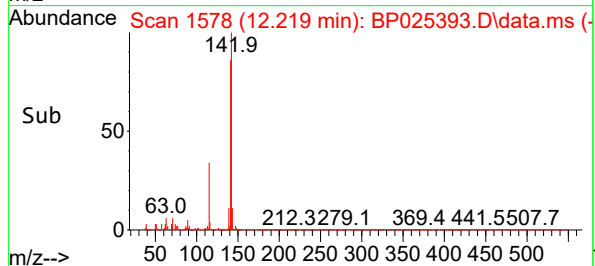
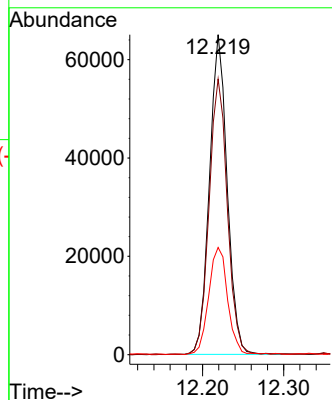
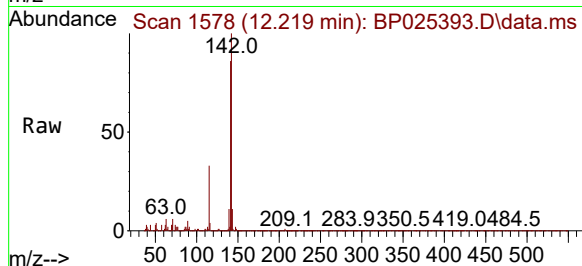
#37
2-Methylnaphthalene
Concen: 5.289 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.1	70.3	105.5
115	33.5	28.9	43.3

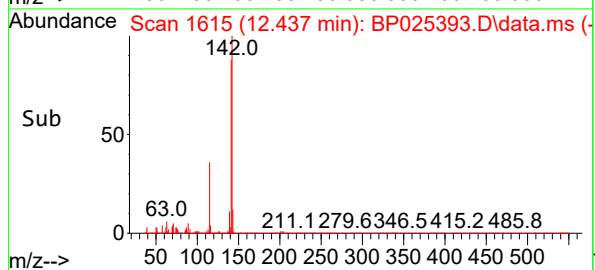
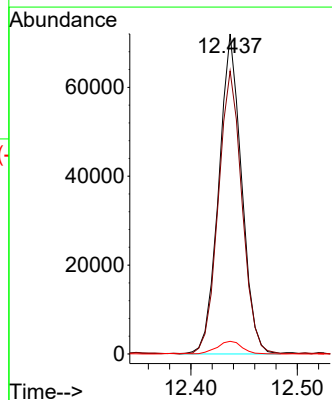
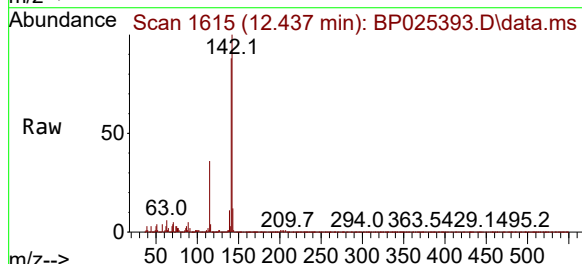
Manual Integrations
APPROVED

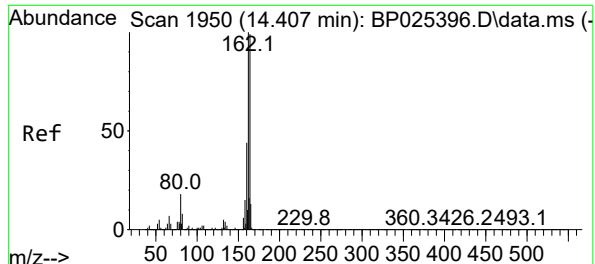
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 5.397 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	73.1	109.7
116	3.9	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.401 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:164 Resp: 392370

Ion Ratio Lower Upper

164 100

162 103.6 81.0 121.6

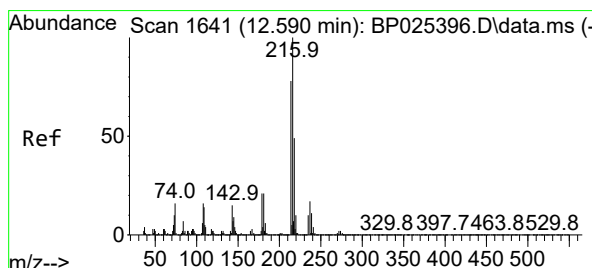
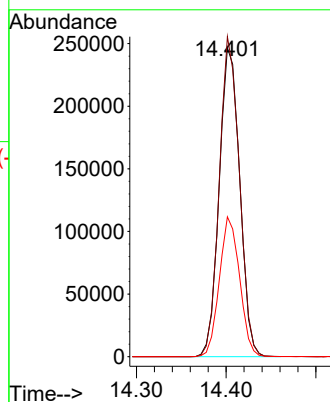
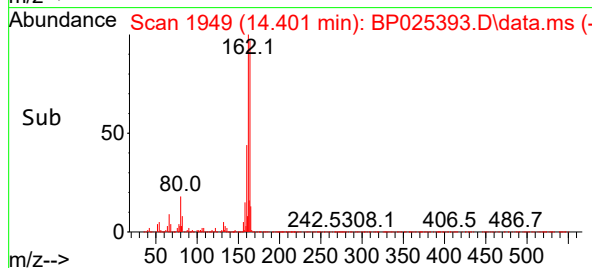
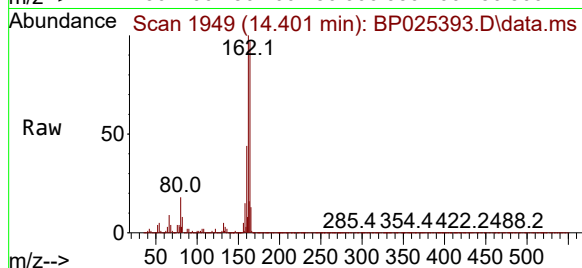
160 45.3 35.4 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.001 ng

RT: 12.590 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Tgt Ion:216 Resp: 56676

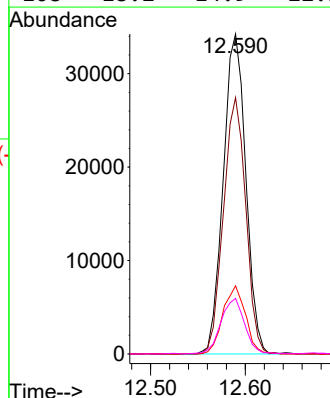
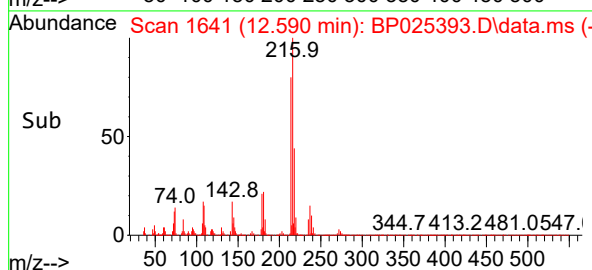
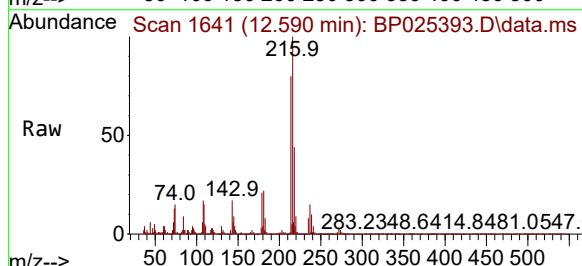
Ion Ratio Lower Upper

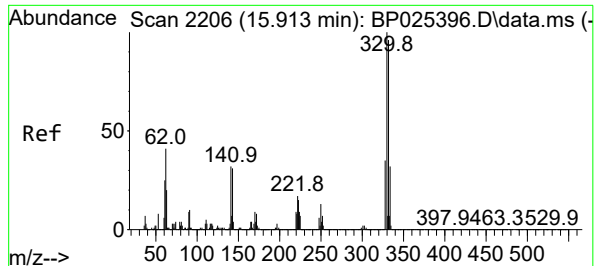
216 100

214 79.1 63.0 94.4

179 21.3 17.1 25.7

108 18.2 14.9 22.3





#42

2,4,6-Tribromophenol

Concen: 9.881 ng

RT: 15.913 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:330 Resp: 5218

Ion Ratio Lower Upper

330 100

332 100.4 77.3 115.9

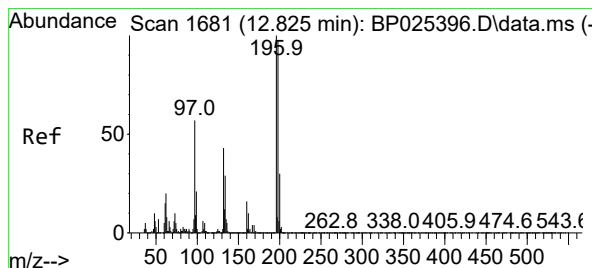
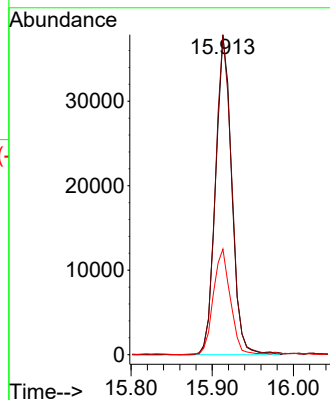
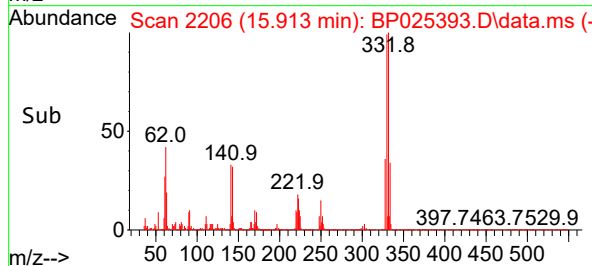
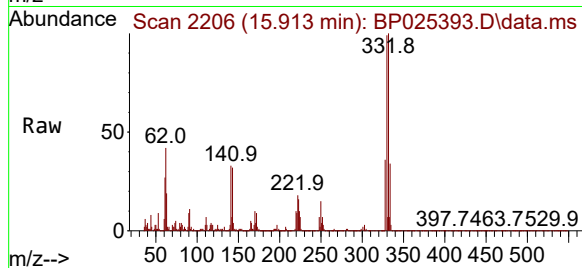
141 34.9 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#43

2,4,6-Trichlorophenol

Concen: 4.718 ng

RT: 12.831 min Scan# 1682

Delta R.T. 0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

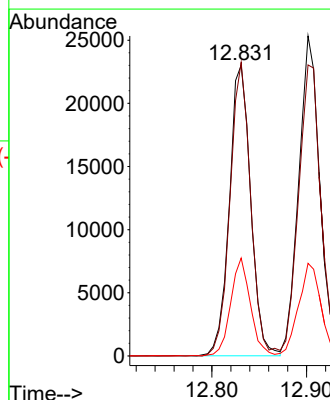
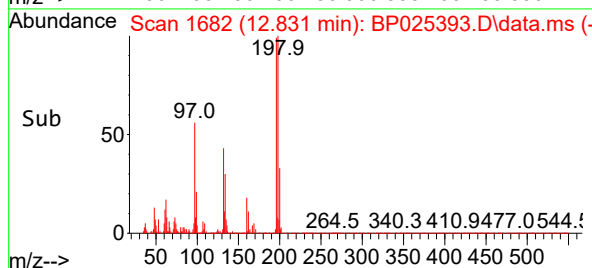
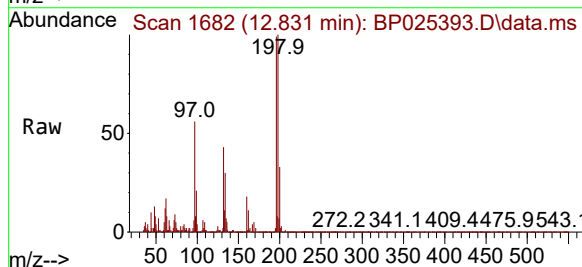
Tgt Ion:196 Resp: 36093

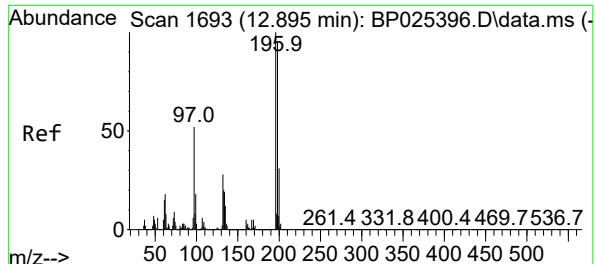
Ion Ratio Lower Upper

196 100

198 101.0 77.2 115.8

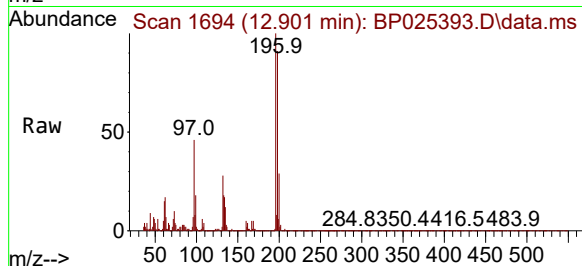
200 33.7 23.9 35.9





#44
2,4,5-Trichlorophenol
Concen: 4.875 ng
RT: 12.901 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

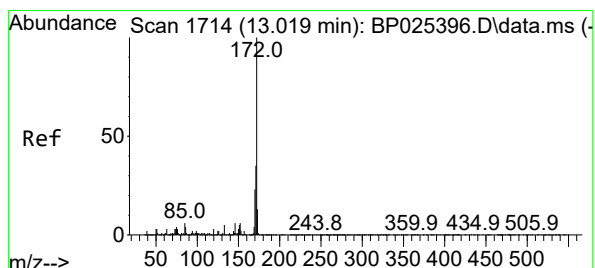
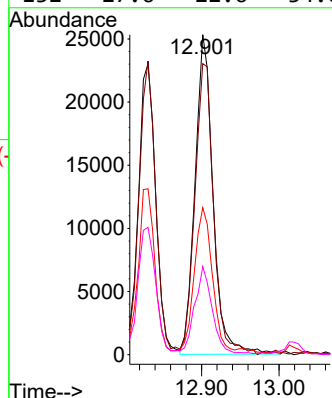
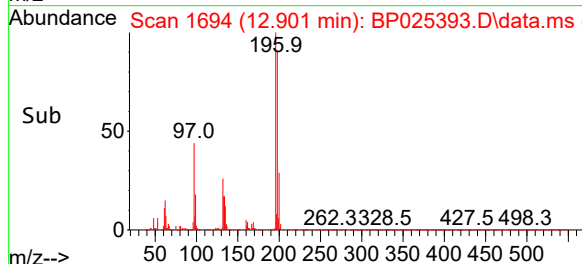
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:196 Resp: 40875
Ion Ratio Lower Upper
196 100
198 91.0 76.2 114.2
97 46.0 41.2 61.8
132 27.6 22.6 34.0

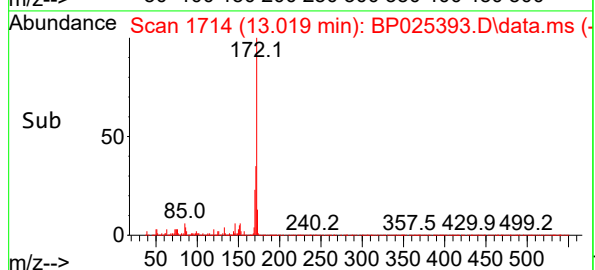
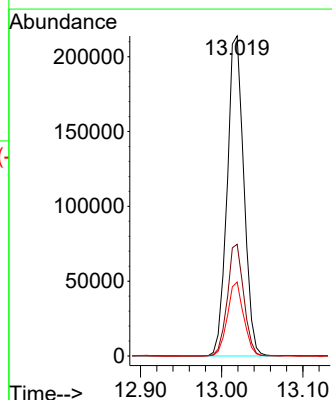
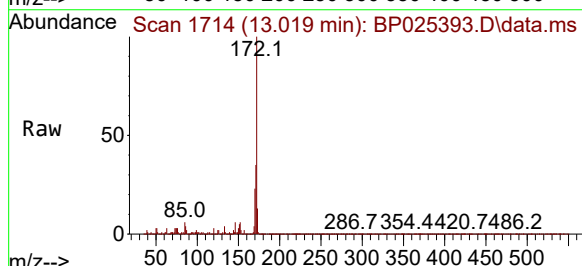
Manual Integrations
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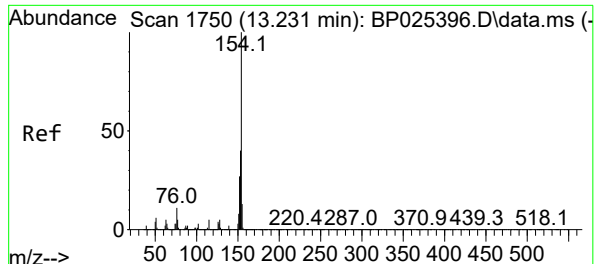
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#45
2-Fluorobiphenyl
Concen: 10.649 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

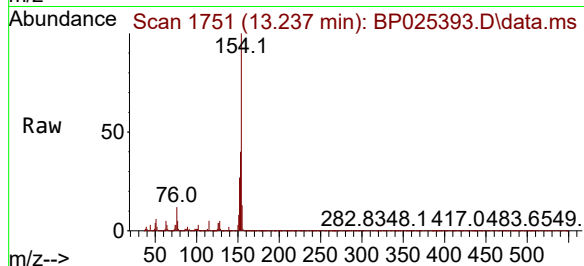
Tgt Ion:172 Resp: 305742
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.1 18.6 28.0





#46
1,1'-Biphenyl
Concen: 5.146 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

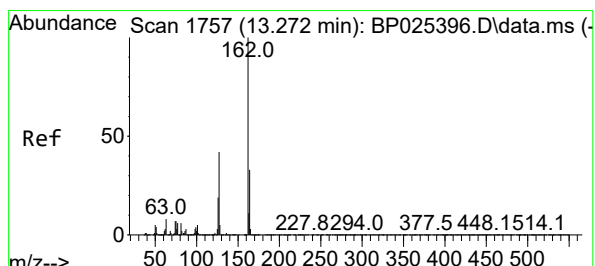
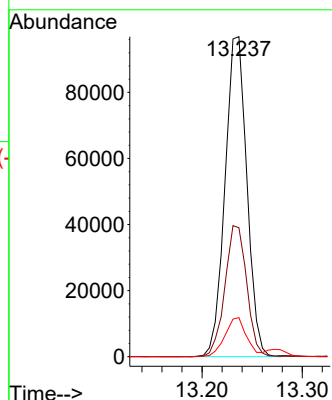
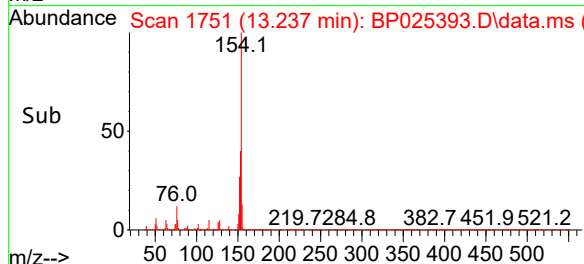
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:154 Resp: 14665
Ion Ratio Lower Upper
154 100
153 40.3 19.5 59.5
76 12.2 0.0 31.1

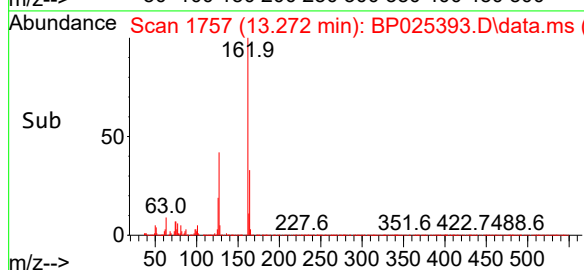
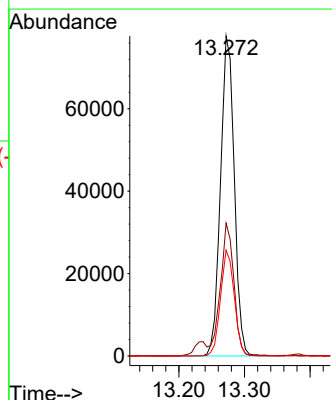
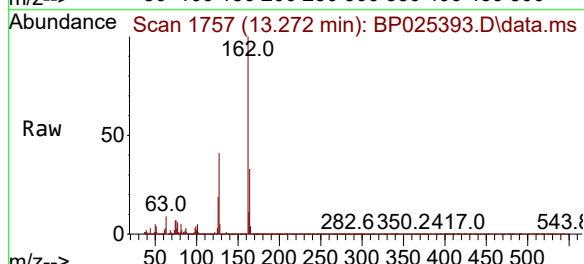
Manual Integrations
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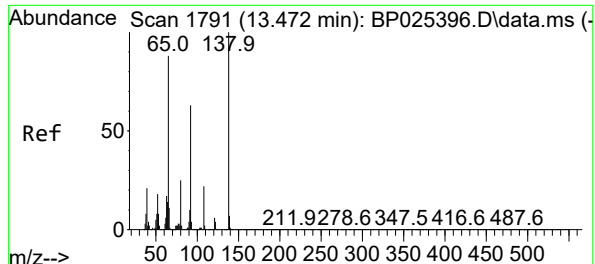
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#47
2-Chloronaphthalene
Concen: 5.094 ng
RT: 13.272 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

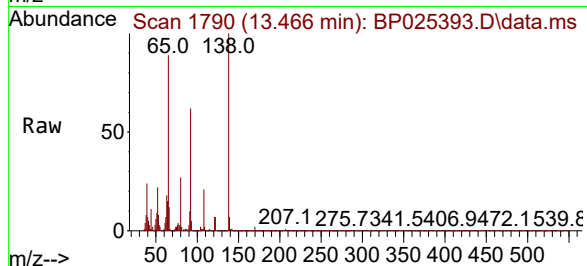
Tgt Ion:162 Resp: 113015
Ion Ratio Lower Upper
162 100
127 41.5 33.4 50.2
164 33.0 26.2 39.2





#48
2-Nitroaniline
Concen: 4.568 ng
RT: 13.466 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

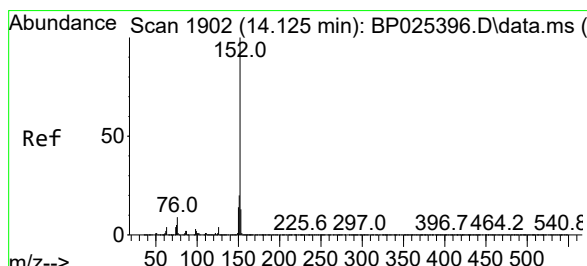
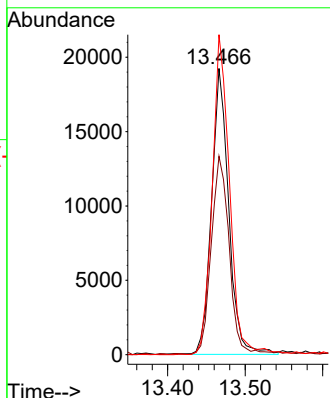
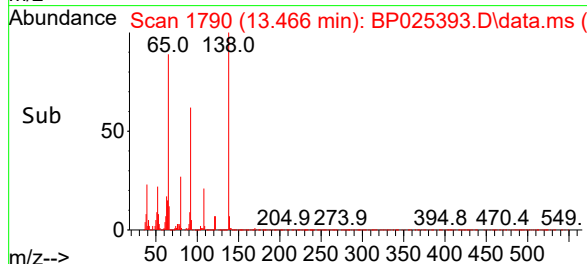
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



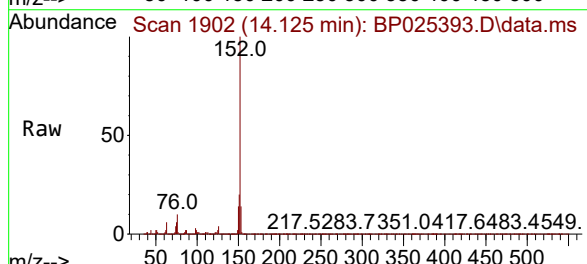
Tgt Ion: 65 Resp: 2952
Ion Ratio Lower Upper
65 100
92 69.3 57.6 86.4
138 111.8 91.0 136.6

Manual Integrations
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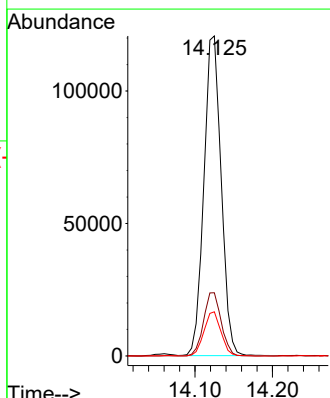
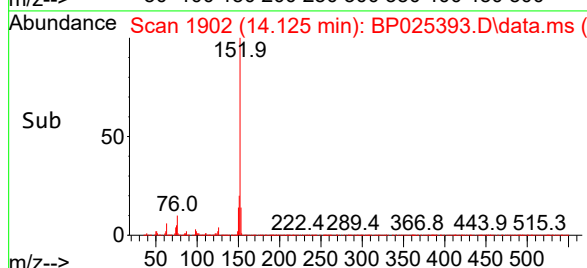
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

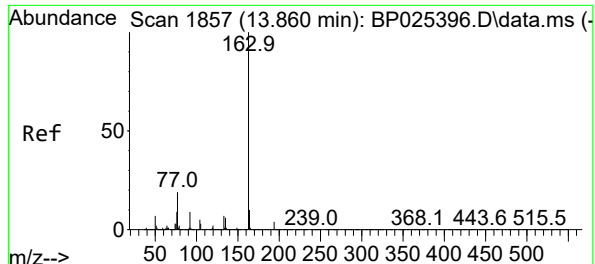


#49
Acenaphthylene
Concen: 5.095 ng
RT: 14.125 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



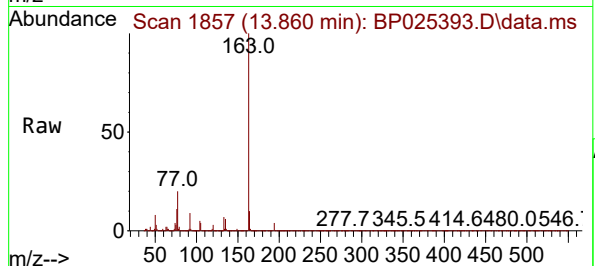
Tgt Ion:152 Resp: 187026
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.8 10.6 15.8





#50
Dimethylphthalate
Concen: 5.355 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

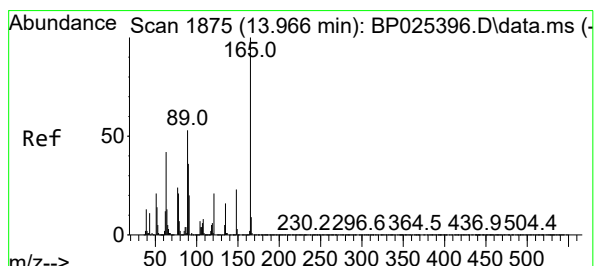
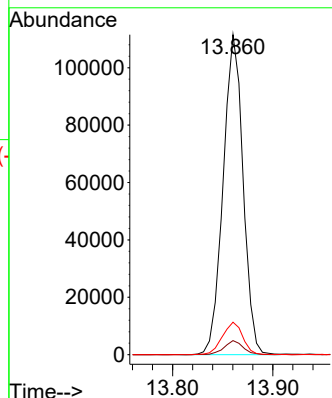
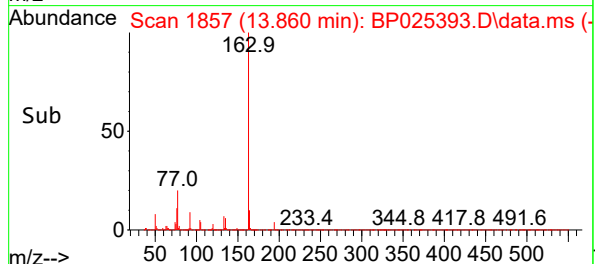
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:163 Resp: 15386
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.1 7.9 11.9

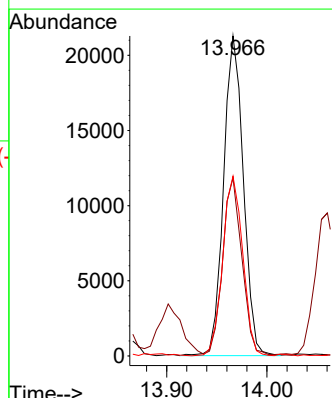
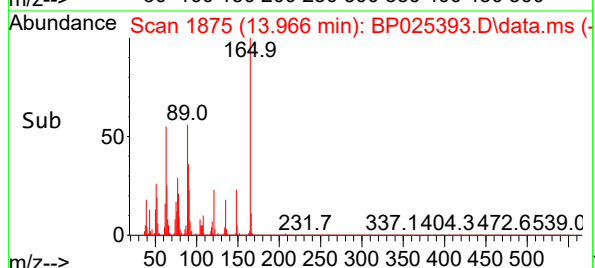
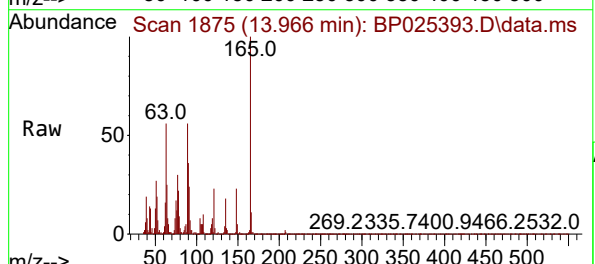
Manual Integrations
APPROVED

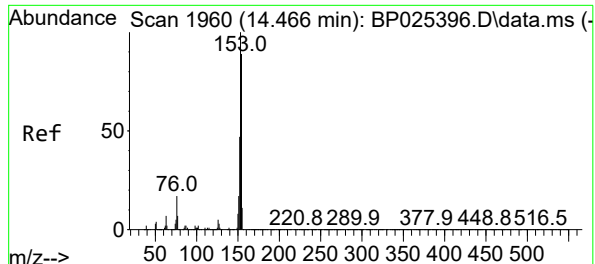
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#51
2,6-Dinitrotoluene
Concen: 4.803 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

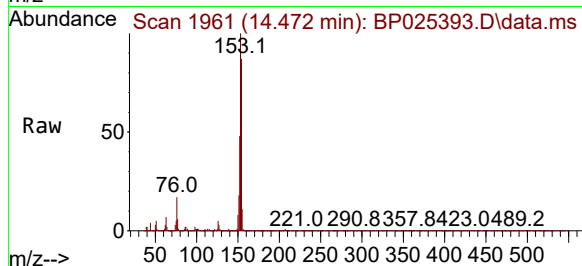
Tgt Ion:165 Resp: 29088
Ion Ratio Lower Upper
165 100
63 55.7 40.9 61.3
89 56.2 42.1 63.1





#52
Acenaphthene
Concen: 5.232 ng m
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

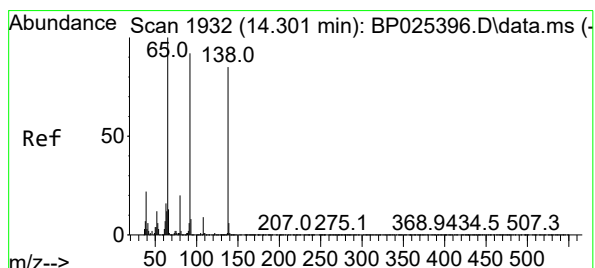
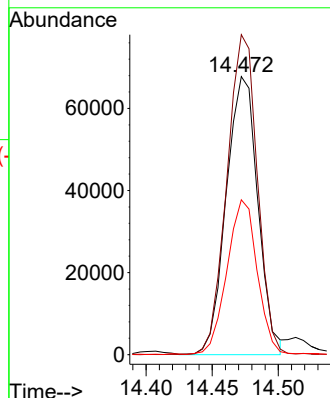
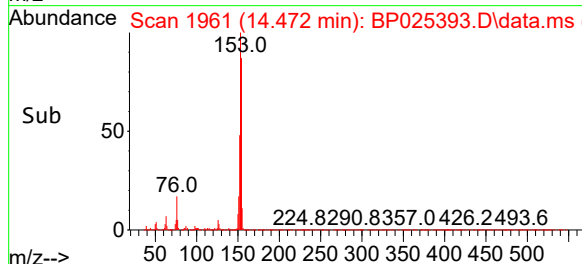
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:154 Resp: 112730
Ion Ratio Lower Upper
154 100
153 115.1 90.2 135.2
152 55.7 42.1 63.1

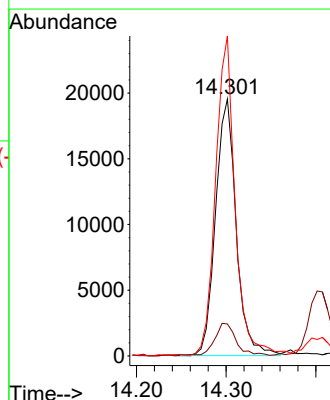
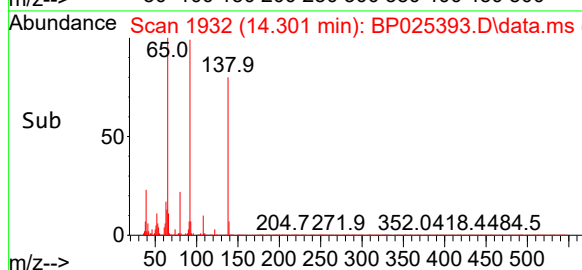
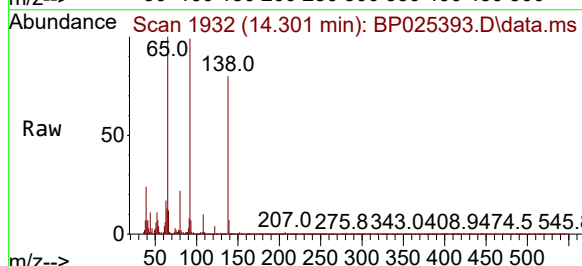
Manual Integrations
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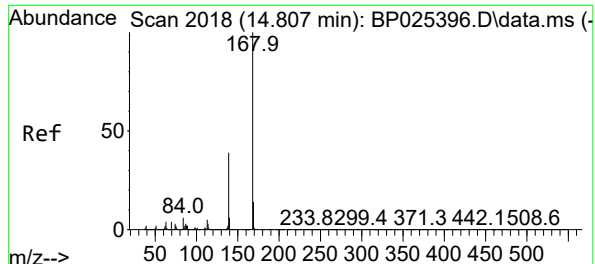
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#53
3-Nitroaniline
Concen: 4.583 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:138 Resp: 31224
Ion Ratio Lower Upper
138 100
108 12.5 8.3 12.5
92 124.5 86.2 129.2





#55

Dibenzofuran

Concen: 5.240 ng

RT: 14.813 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:168 Resp: 178494

Ion Ratio Lower Upper

168 100

139 39.6 31.5 47.3

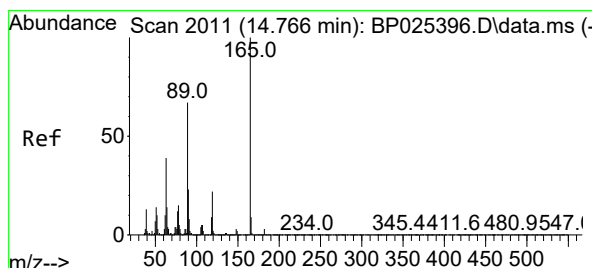
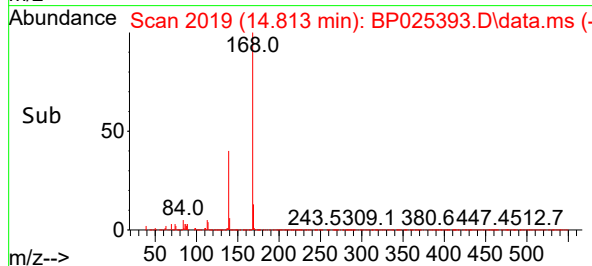
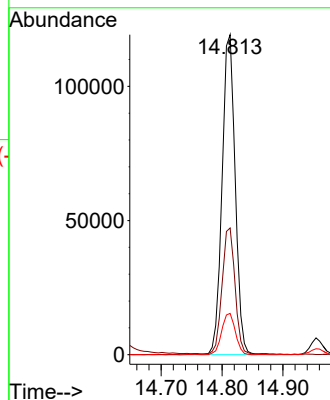
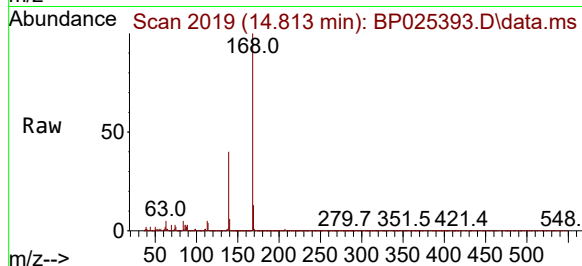
169 12.9 10.9 16.3

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#57

2,4-Dinitrotoluene

Concen: 4.590 ng

RT: 14.760 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Tgt Ion:165 Resp: 39658

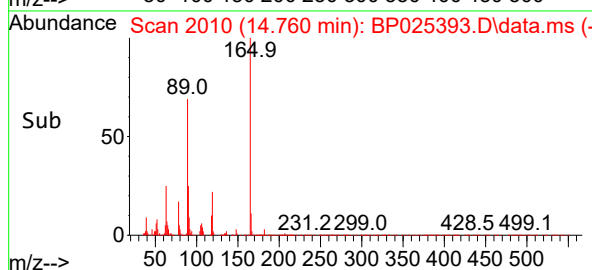
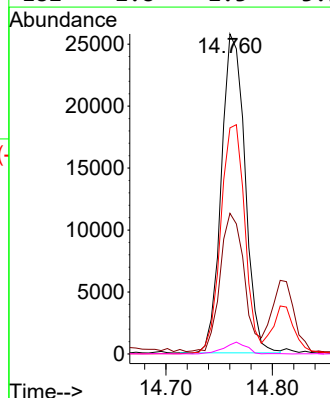
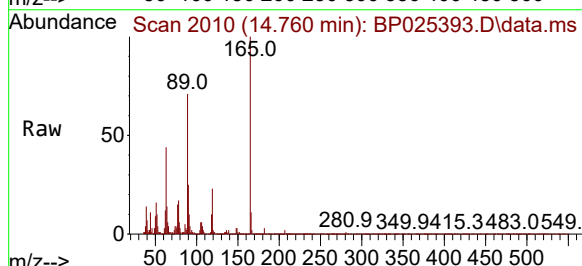
Ion Ratio Lower Upper

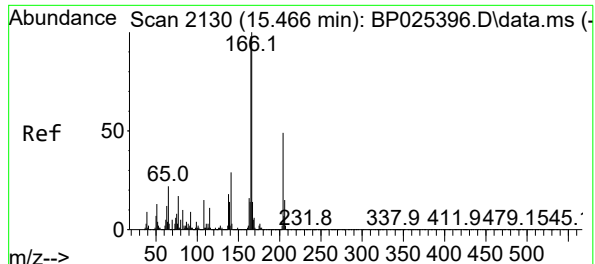
165 100

63 43.9 31.4 47.2

89 70.6 53.3 79.9

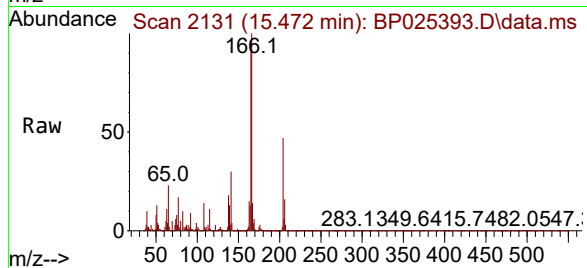
182 2.8 2.3 3.5





#58
Fluorene
Concen: 5.497 ng
RT: 15.472 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

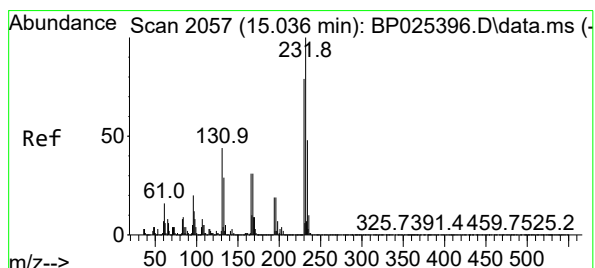
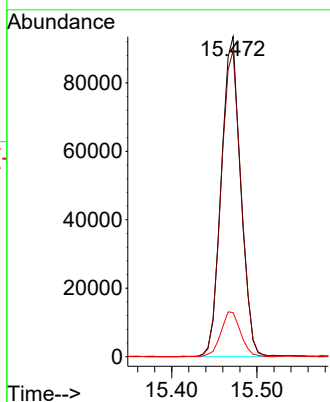
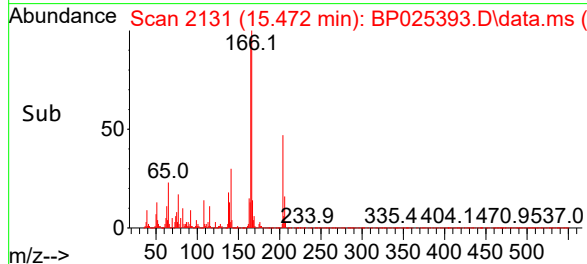
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:166 Resp: 147760
Ion Ratio Lower Upper
166 100
165 95.7 78.8 118.2
167 13.8 11.0 16.4

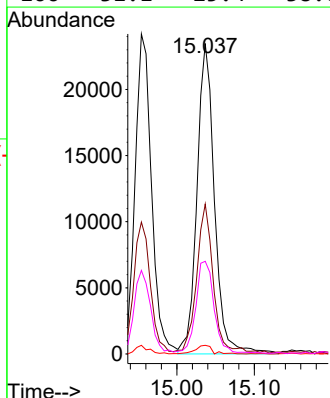
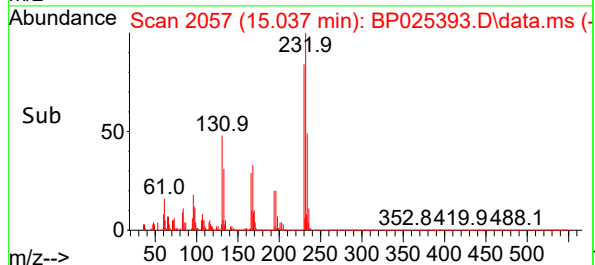
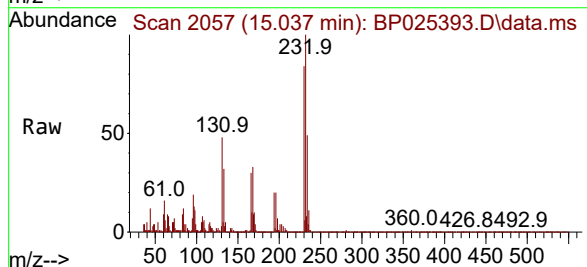
Manual Integrations
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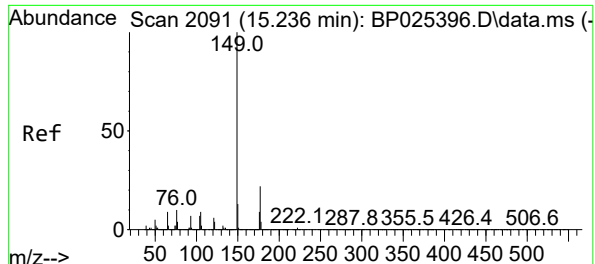
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.968 ng
RT: 15.037 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

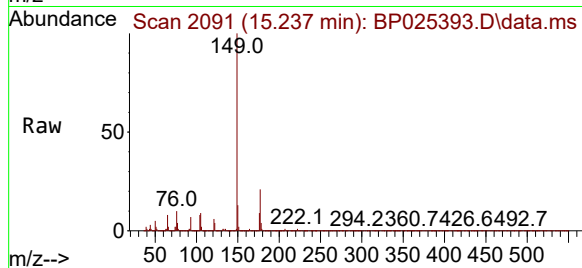
Tgt Ion:232 Resp: 36779
Ion Ratio Lower Upper
232 100
131 46.0 37.0 55.6
130 2.7 1.9 2.9
166 31.1 25.4 38.0





#60
Diethylphthalate
Concen: 5.426 ng
RT: 15.237 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

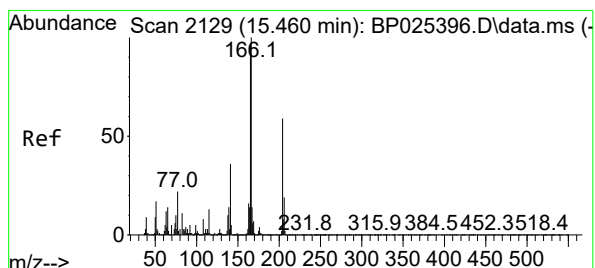
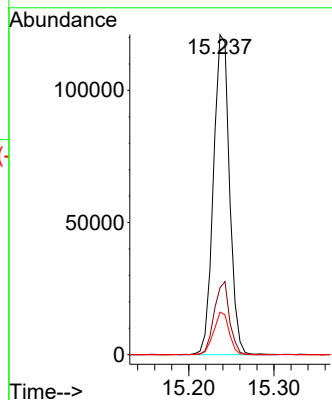
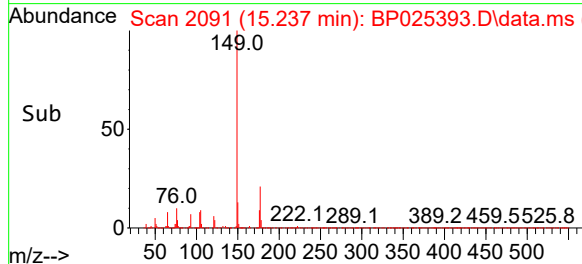
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 158420
Ion Ratio Lower Upper
149 100
177 20.9 17.3 25.9
150 13.3 10.3 15.5

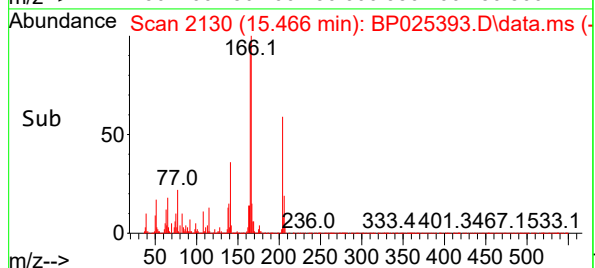
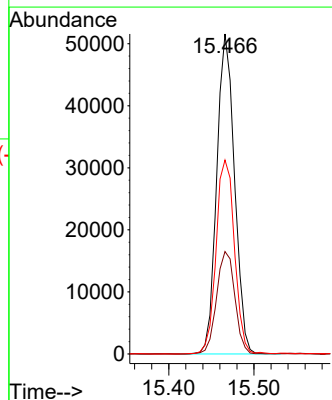
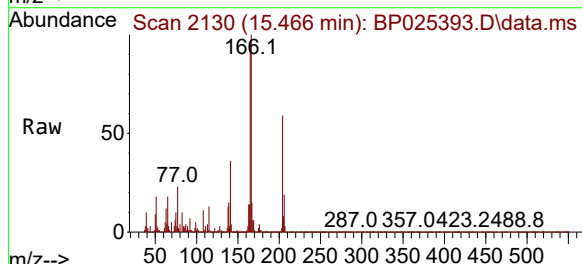
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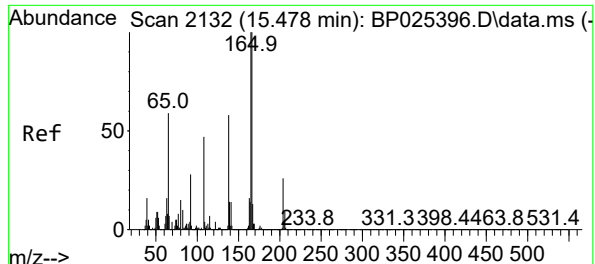
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#61
4-Chlorophenyl-phenylether
Concen: 5.583 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:204 Resp: 74636
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.8
141 60.6 49.4 74.2





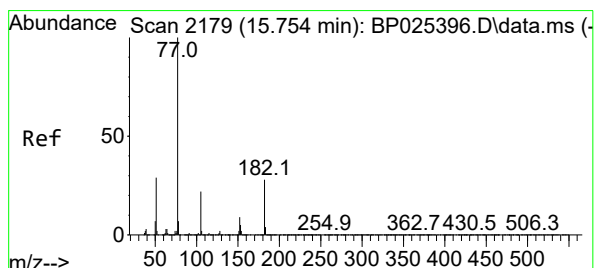
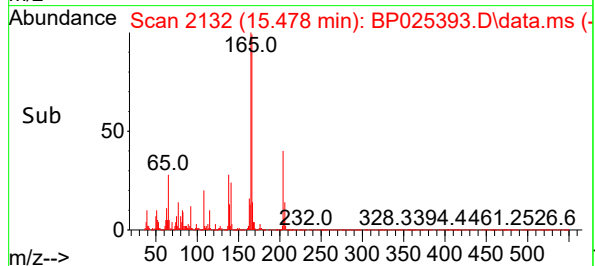
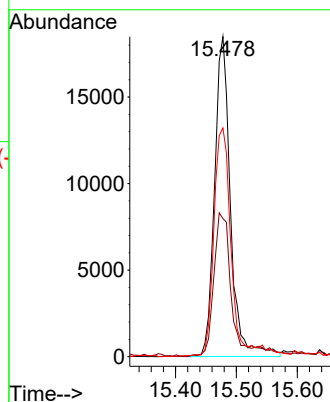
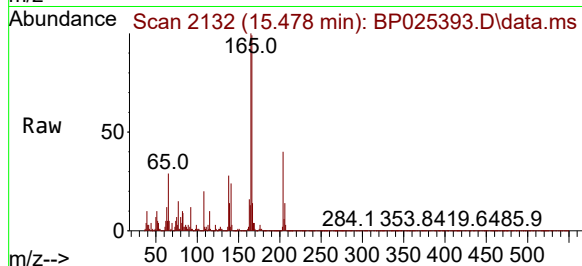
#62
4-Nitroaniline
Concen: 4.791 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 33460
Ion Ratio Lower Upper
138 100
92 43.2 29.1 69.1
108 71.5 61.5 101.5

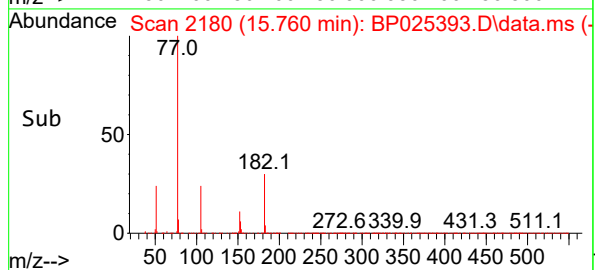
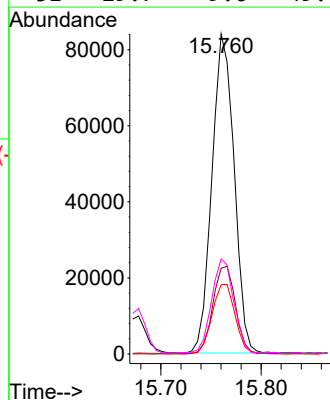
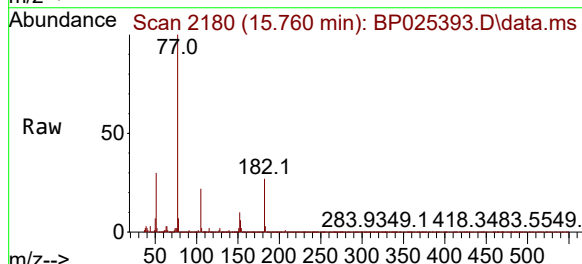
Manual Integrations
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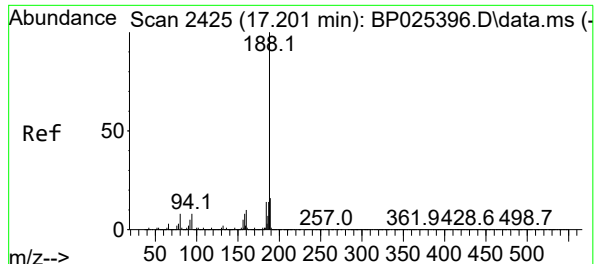
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#63
Azobenzene
Concen: 5.159 ng
RT: 15.760 min Scan# 2180
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 77 Resp: 128978
Ion Ratio Lower Upper
77 100
182 26.8 7.5 47.5
105 21.6 2.1 42.1
51 29.7 9.6 49.6





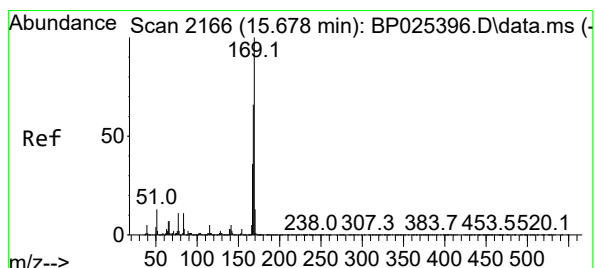
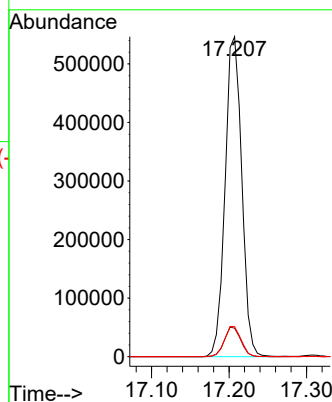
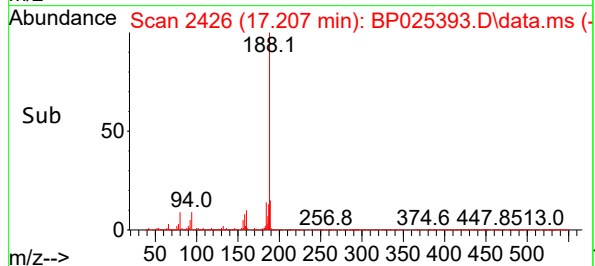
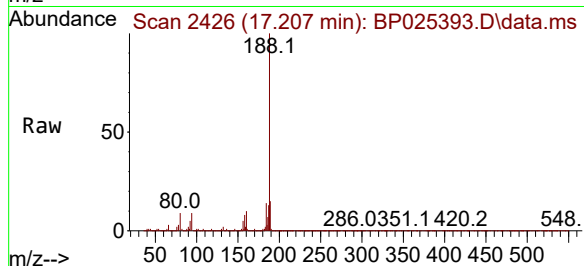
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2425
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 81633
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.4 6.7 10.1

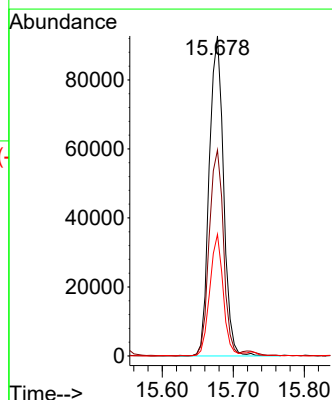
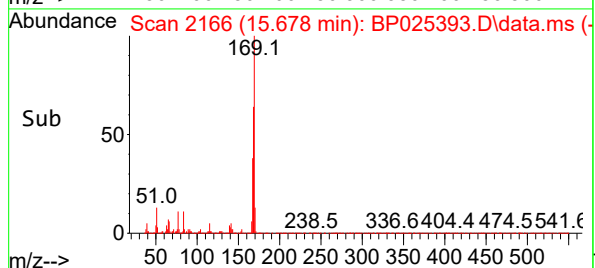
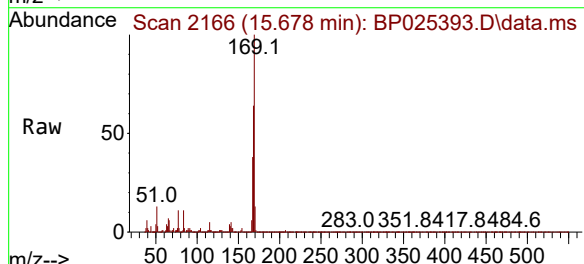
Manual Integrations
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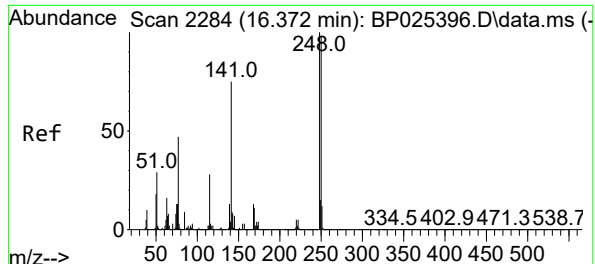
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 5.214 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:169 Resp: 129805
Ion Ratio Lower Upper
169 100
168 64.3 53.2 79.8
167 38.0 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 5.299 ng

RT: 16.378 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:248 Resp: 47579

Ion Ratio Lower Upper

248 100

250 95.1 78.2 117.2

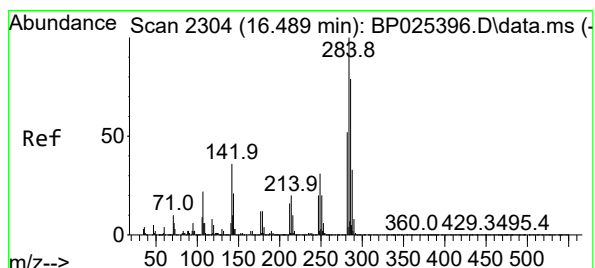
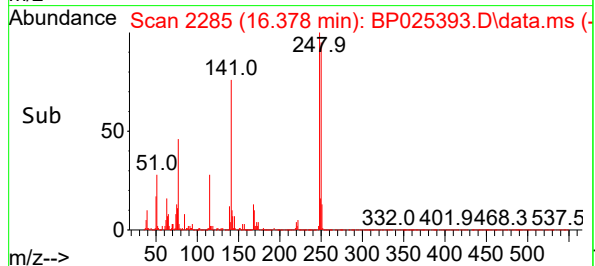
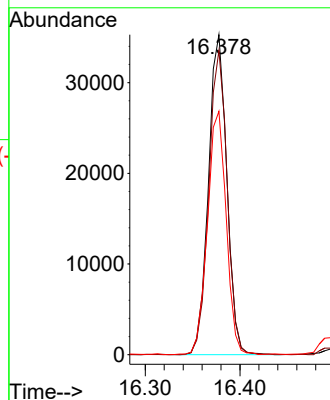
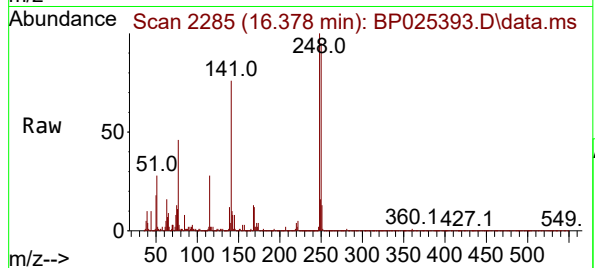
141 76.0 59.6 89.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#68

Hexachlorobenzene

Concen: 5.183 ng

RT: 16.501 min Scan# 2306

Delta R.T. 0.012 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

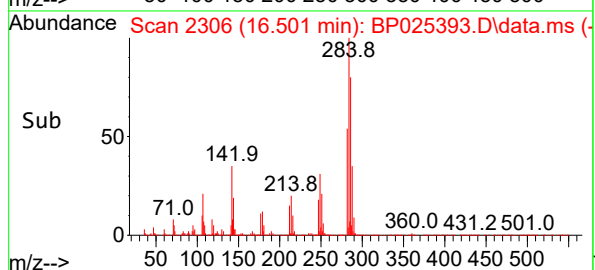
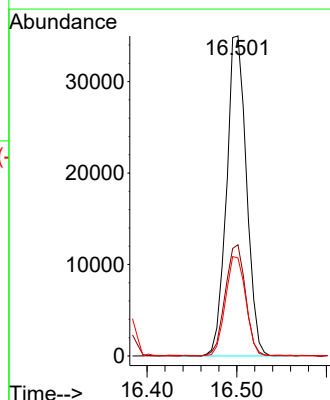
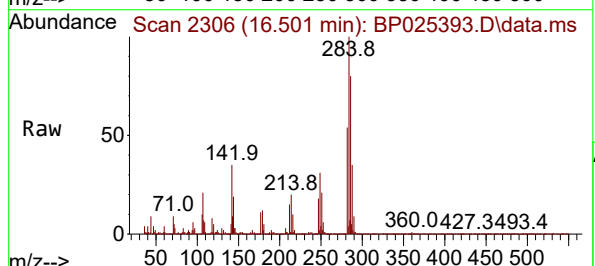
Tgt Ion:284 Resp: 53940

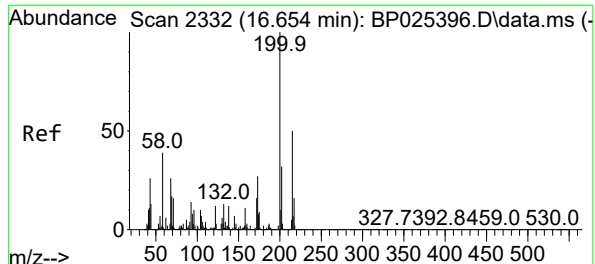
Ion Ratio Lower Upper

284 100

142 34.7 29.1 43.7

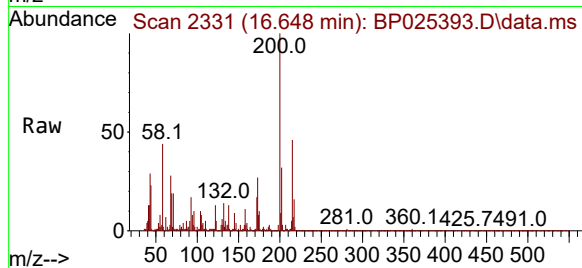
249 30.6 25.0 37.4





#69
Atrazine
Concen: 5.015 ng
RT: 16.648 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

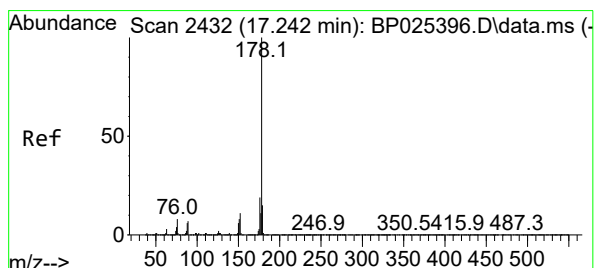
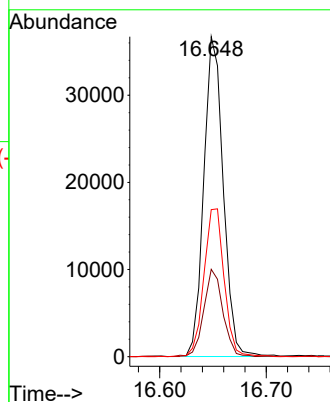
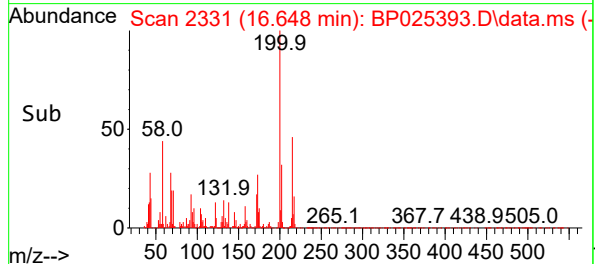
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:200 Resp: 46750
Ion Ratio Lower Upper
200 100
173 27.3 6.7 46.7
215 45.9 29.7 69.7

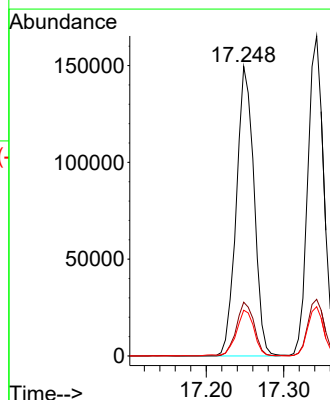
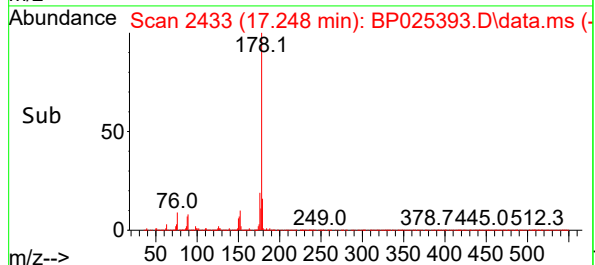
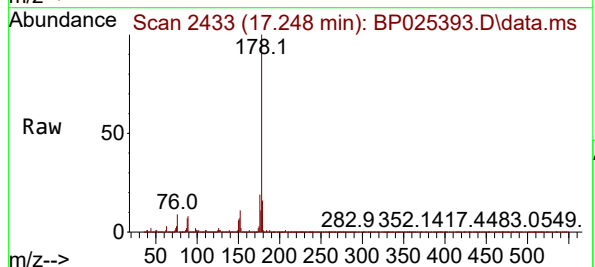
Manual Integrations
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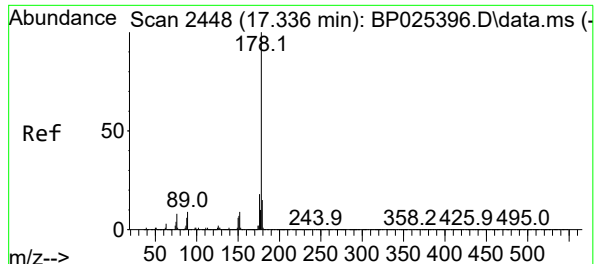
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#71
Phenanthrene
Concen: 5.287 ng
RT: 17.248 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

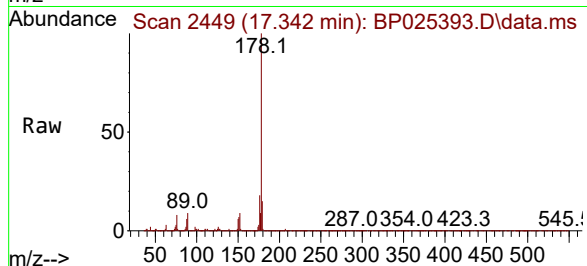
Tgt Ion:178 Resp: 237107
Ion Ratio Lower Upper
178 100
176 18.6 15.5 23.3
179 15.8 12.2 18.4





#72
Anthracene
Concen: 5.174 ng
RT: 17.342 min Scan# 2448
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

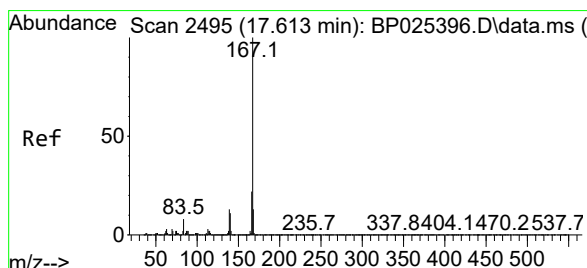
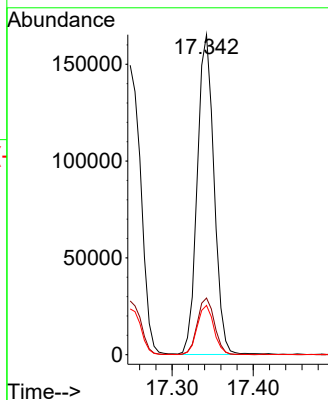
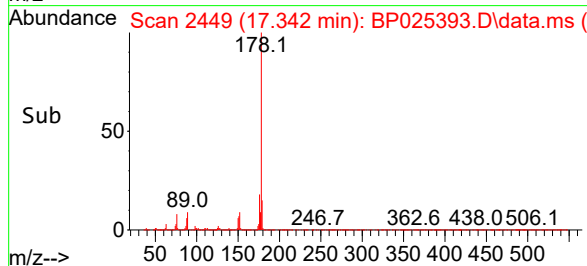
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



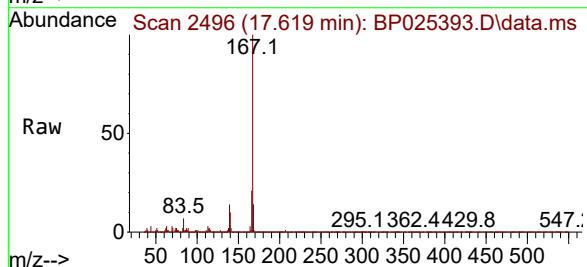
Tgt Ion:178 Resp: 236938
Ion Ratio Lower Upper
178 100
176 17.7 14.7 22.1
179 15.4 12.2 18.2

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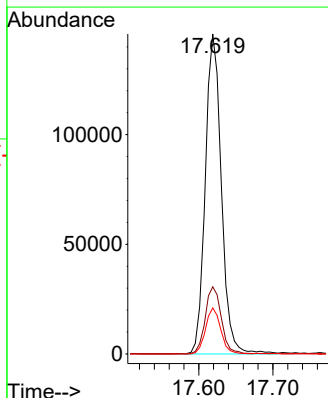
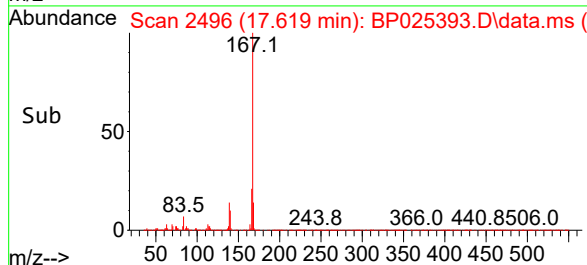
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

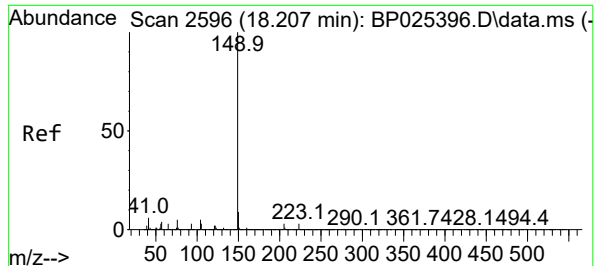


#73
Carbazole
Concen: 5.103 ng
RT: 17.619 min Scan# 2496
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



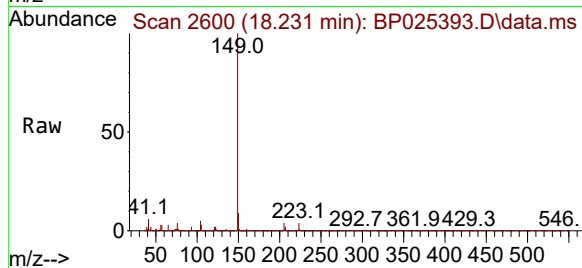
Tgt Ion:167 Resp: 220112
Ion Ratio Lower Upper
167 100
166 21.0 17.5 26.3
139 14.4 10.6 16.0





#74
Di-n-butylphthalate
Concen: 5.172 ng
RT: 18.231 min Scan# 20
Delta R.T. 0.024 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

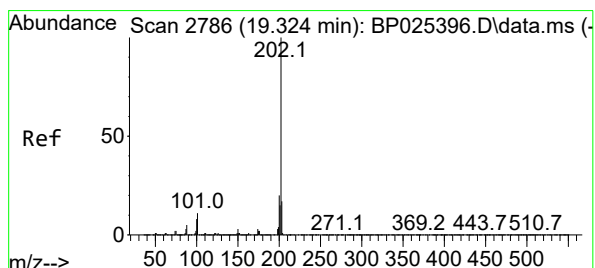
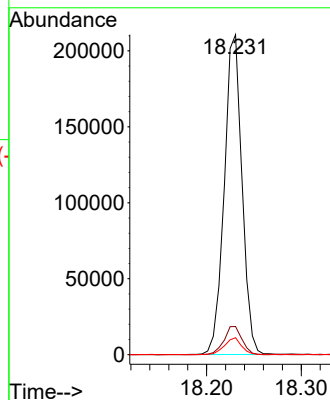
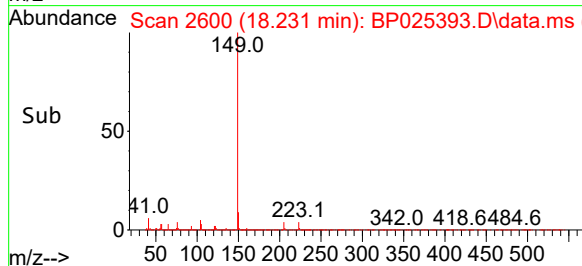
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



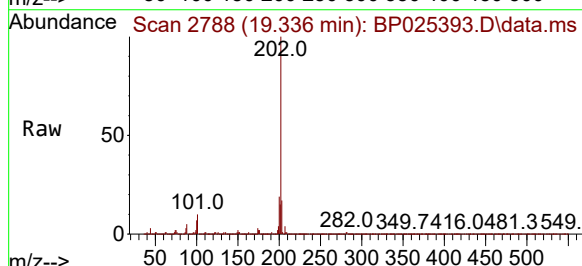
Tgt Ion:149 Resp: 27446
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.0
104 5.3 4.2 6.2

Manual Integrations
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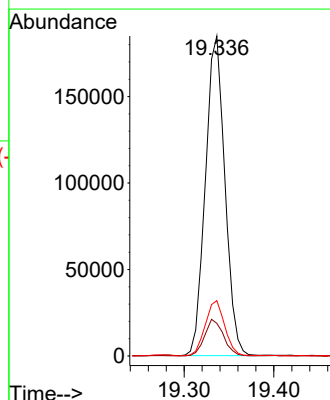
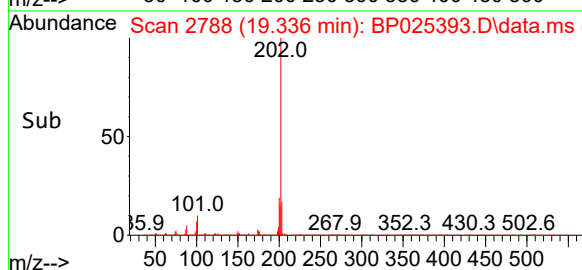
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

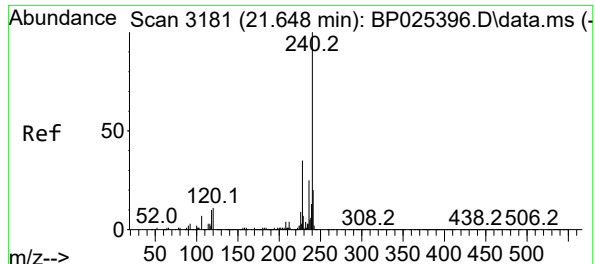


#75
Fluoranthene
Concen: 5.225 ng
RT: 19.336 min Scan# 2788
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



Tgt Ion:202 Resp: 279497
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.1
203 17.3 0.0 37.3





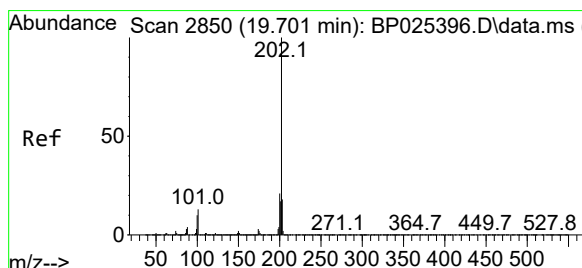
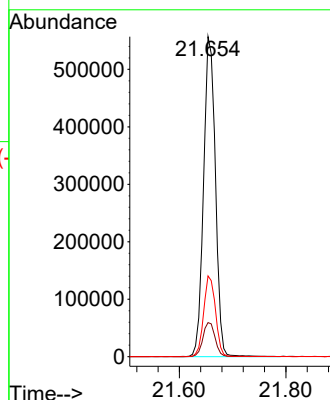
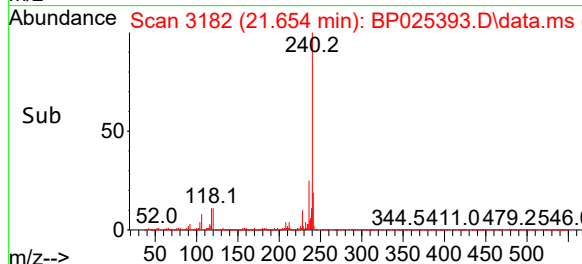
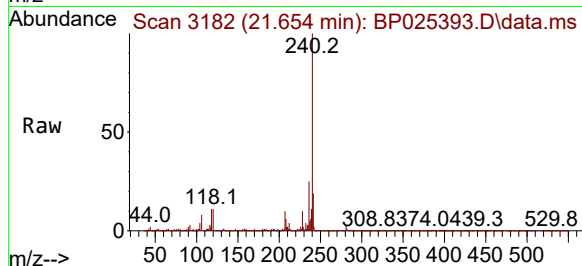
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3181
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 85816
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.2 19.8 29.8

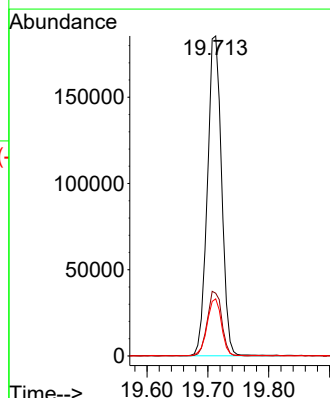
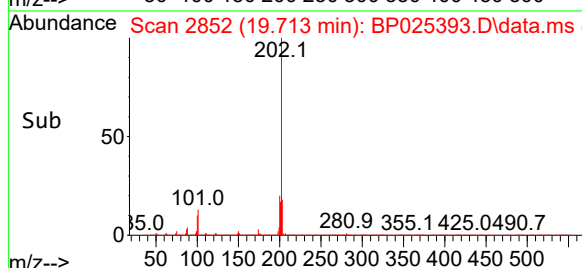
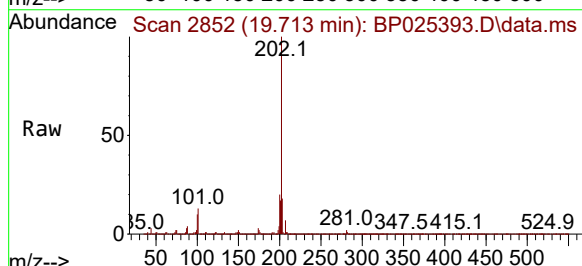
Manual Integrations
APPROVED

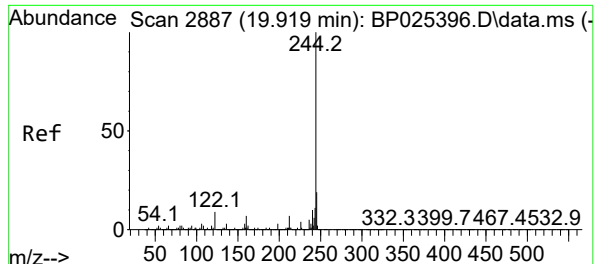
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 5.377 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:202 Resp: 299922
Ion Ratio Lower Upper
202 100
200 19.6 16.9 25.3
203 17.8 14.2 21.2





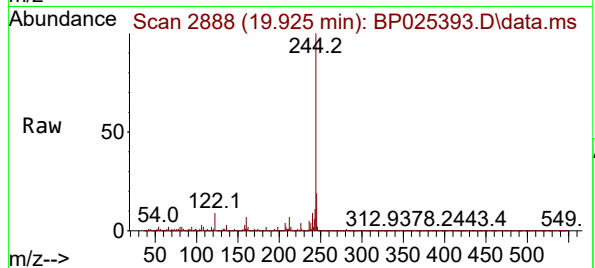
#79
Terphenyl-d14
Concen: 11.428 ng
RT: 19.925 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

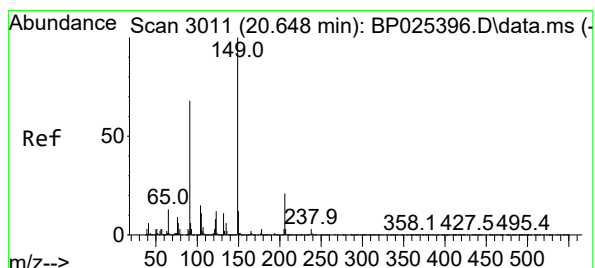
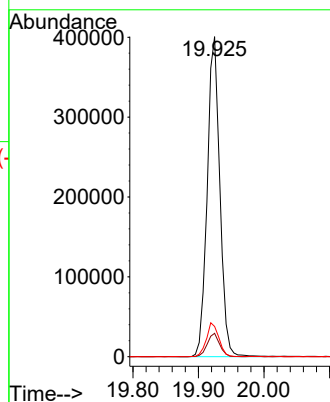
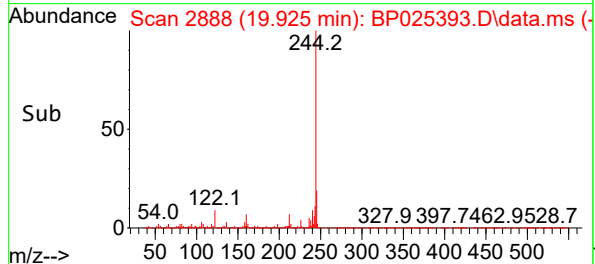


Tgt Ion:244 Resp: 536049
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 9.5 7.4 11.2

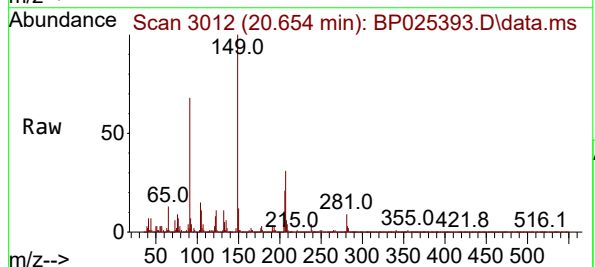
Manual Integrations

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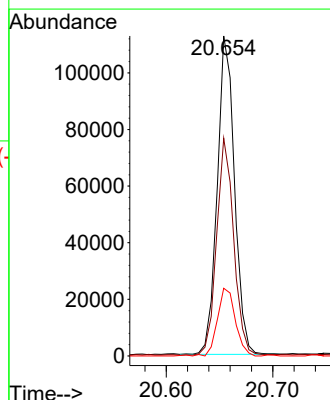
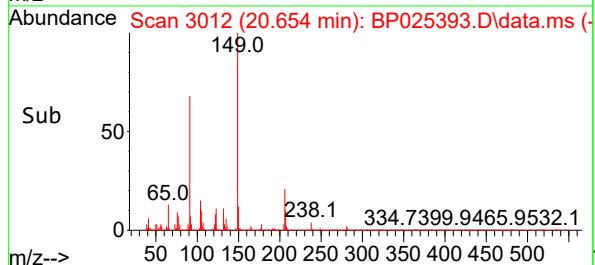
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

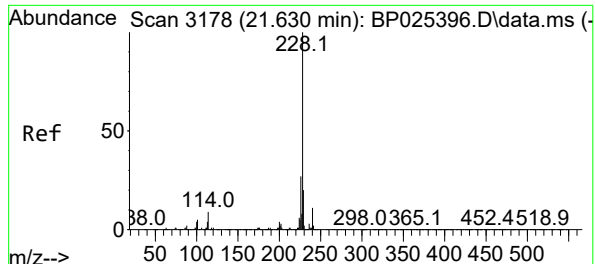


#80
Butylbenzylphthalate
Concen: 4.997 ng
RT: 20.654 min Scan# 3012
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



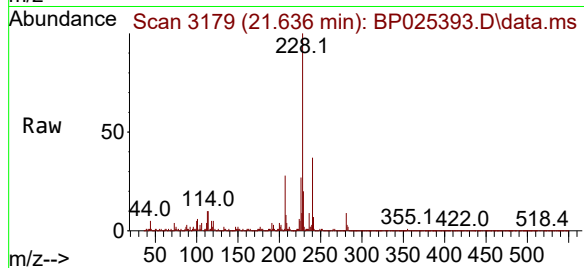
Tgt Ion:149 Resp: 126321
Ion Ratio Lower Upper
149 100
91 68.0 54.2 81.2
206 21.1 16.6 24.8





#81
Benzo(a)anthracene
Concen: 5.245 ng
RT: 21.636 min Scan# 3179
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

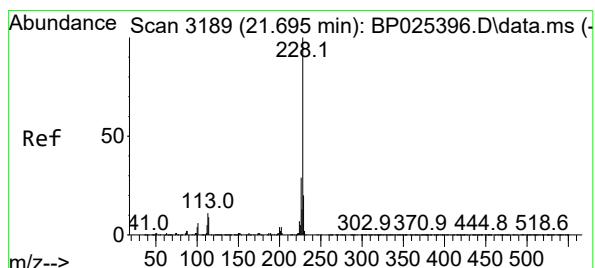
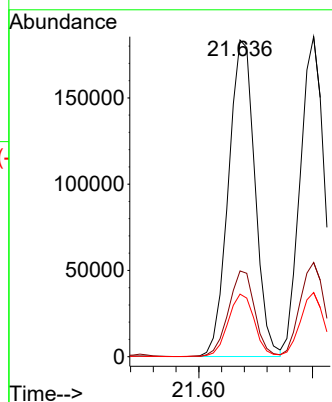
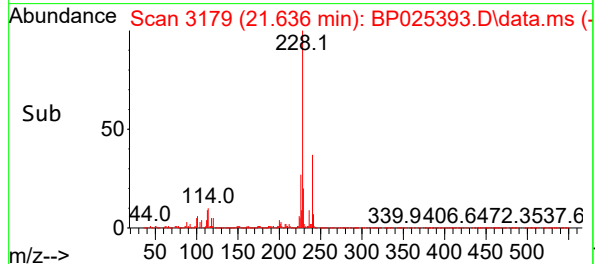
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:228 Resp: 29684
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.8 15.6 23.4

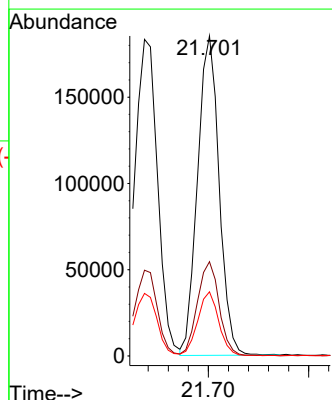
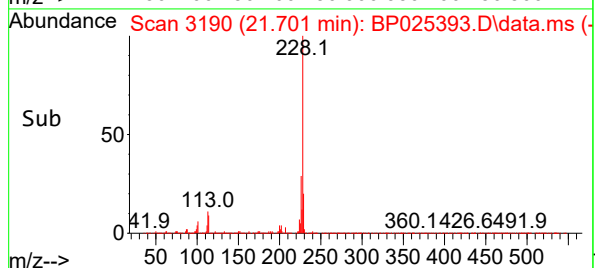
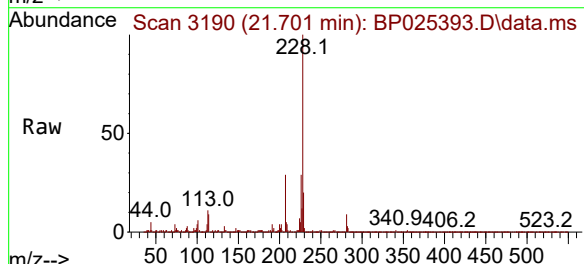
Manual Integrations
APPROVED

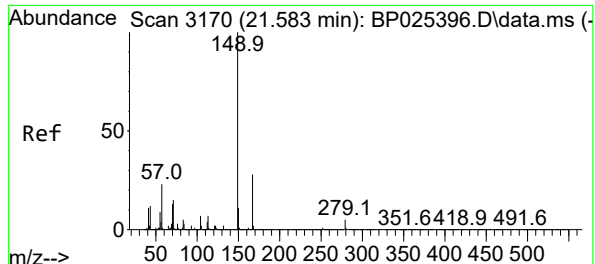
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#83
Chrysene
Concen: 5.229 ng
RT: 21.701 min Scan# 3190
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

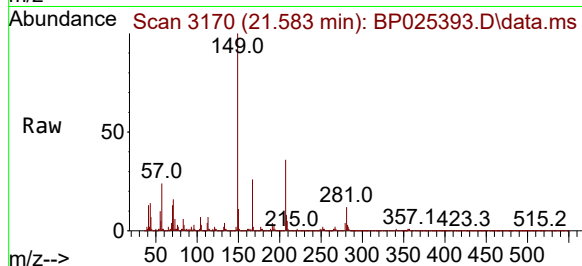
Tgt Ion:228 Resp: 277175
Ion Ratio Lower Upper
228 100
226 29.5 23.2 34.8
229 20.0 15.6 23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.228 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

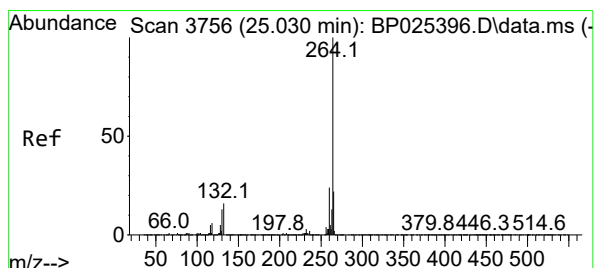
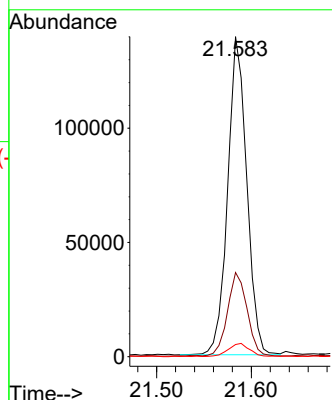
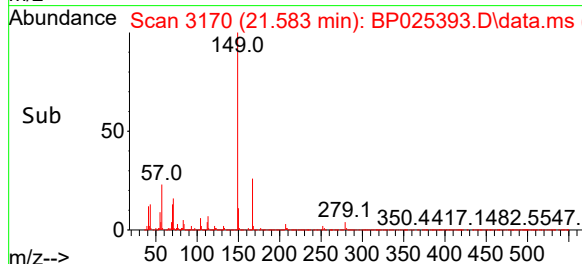
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



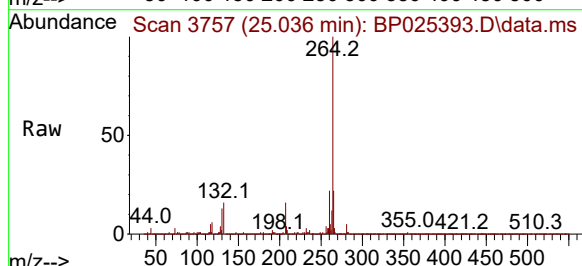
Tgt Ion:149 Resp: 19454
Ion Ratio Lower Upper
149 100
167 26.3 22.1 33.1
279 3.8 3.8 5.6

Manual Integrations
APPROVED

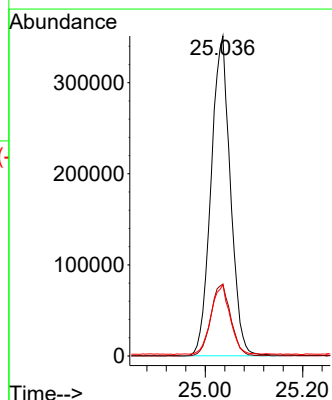
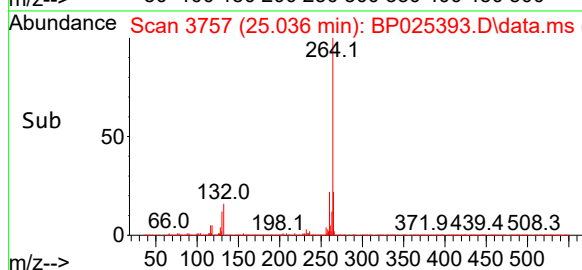
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

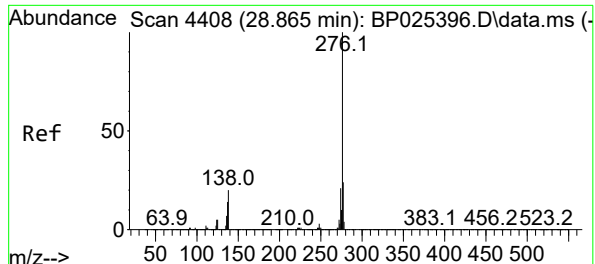


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



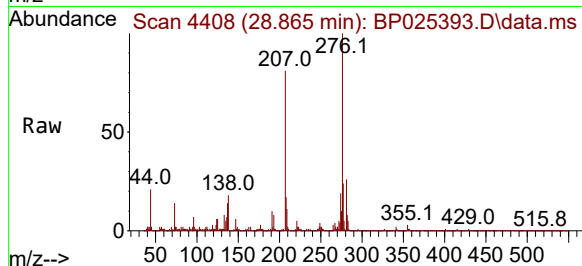
Tgt Ion:264 Resp: 963881
Ion Ratio Lower Upper
264 100
260 22.5 19.3 28.9
265 22.3 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.956 ng
RT: 28.865 min Scan# 4408
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

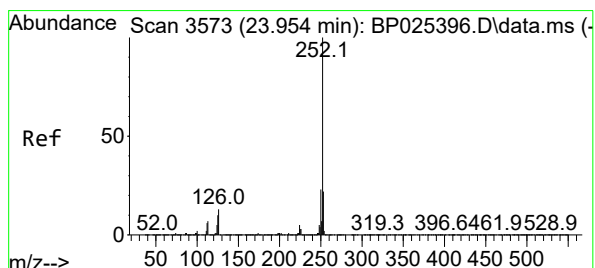
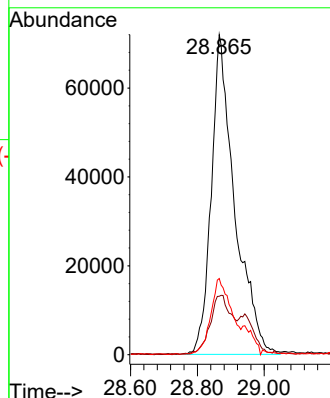
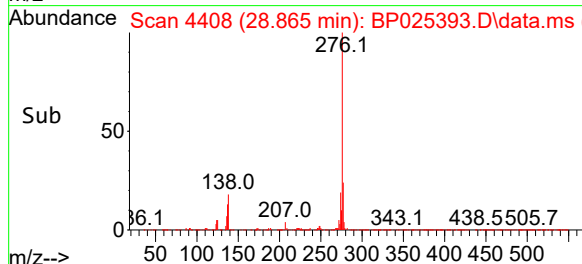
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 276 Resp: 350414
Ion Ratio Lower Upper
276 100
138 17.1 12.9 19.3
277 20.8 17.0 25.6

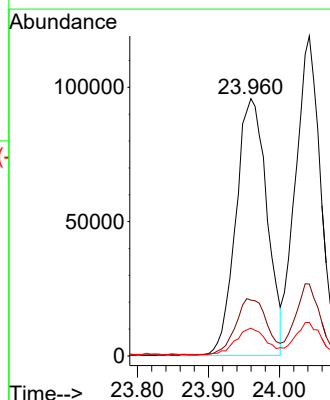
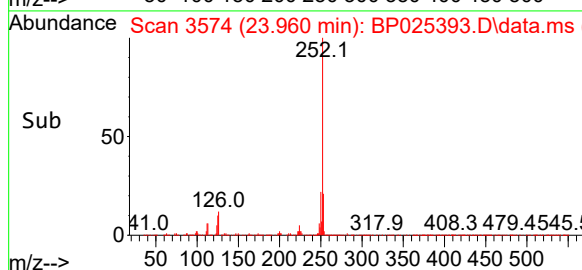
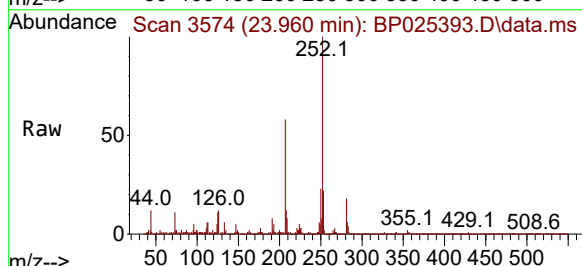
Manual Integrations
APPROVED

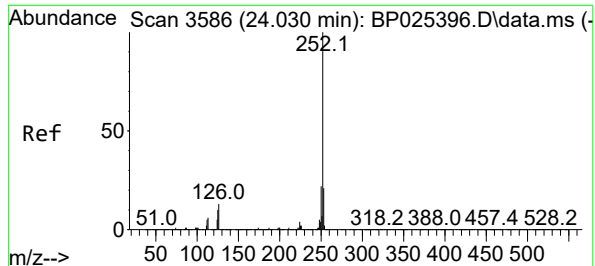
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#88
Benzo(b)fluoranthene
Concen: 5.099 ng
RT: 23.960 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 252 Resp: 289797
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 10.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 5.091 ng

RT: 24.042 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

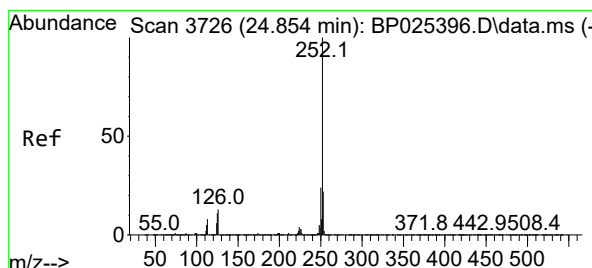
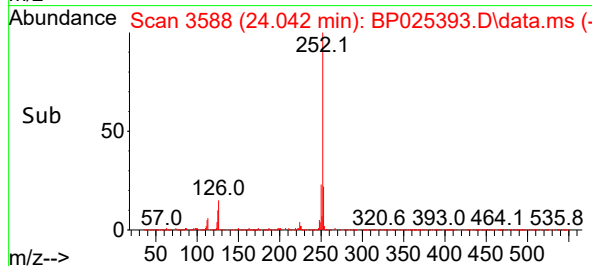
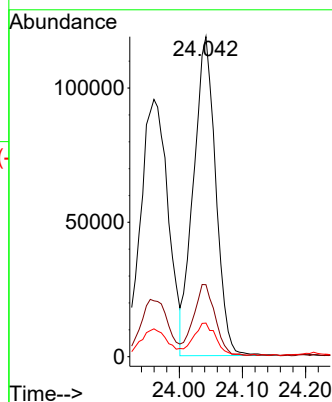
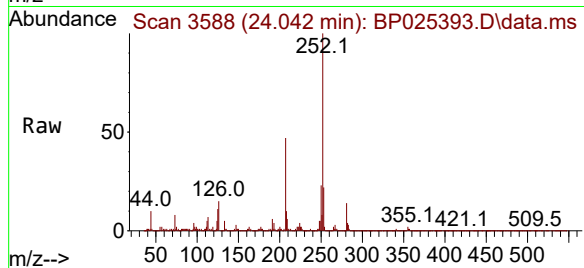
Tgt Ion:	252	Resp:	289550
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.1	25.7
125	10.5	7.8	11.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 4.960 ng

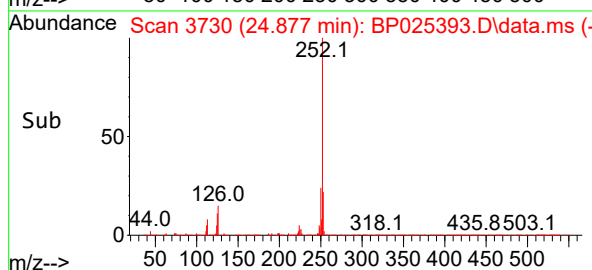
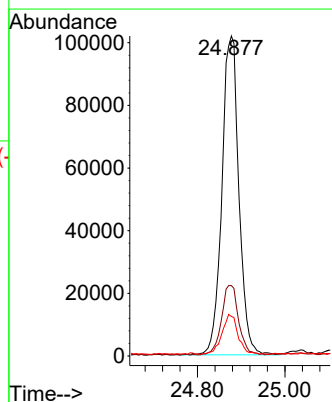
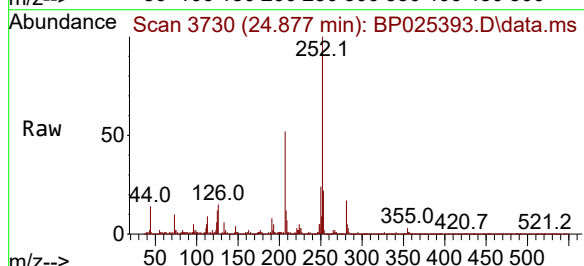
RT: 24.877 min Scan# 3730

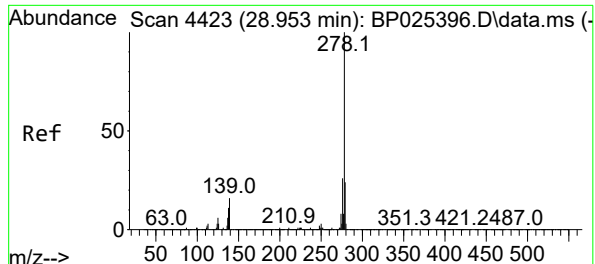
Delta R.T. 0.024 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

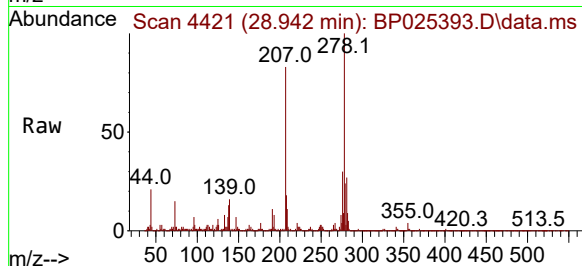
Tgt Ion:	252	Resp:	274440
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	12.4	8.7	13.1





#91
Dibenzo(a,h)anthracene
Concen: 4.924 ng
RT: 28.942 min Scan# 4423
Delta R.T. -0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

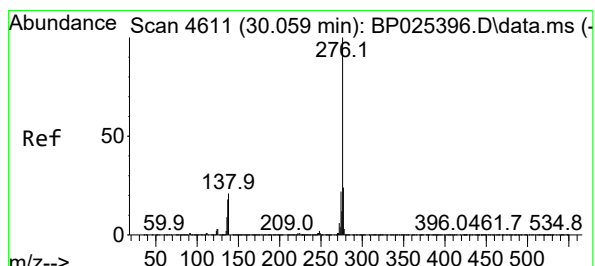
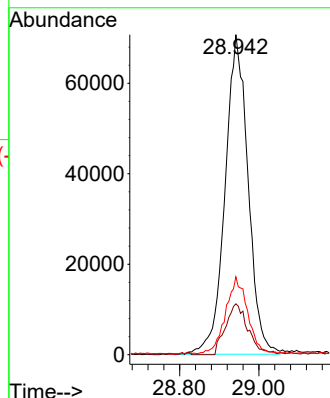
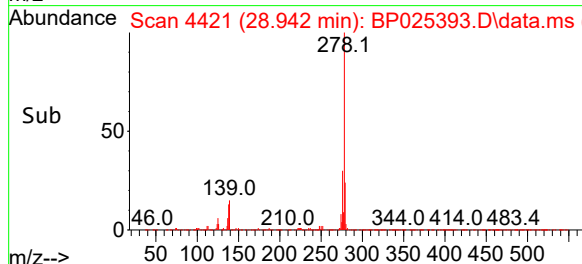
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



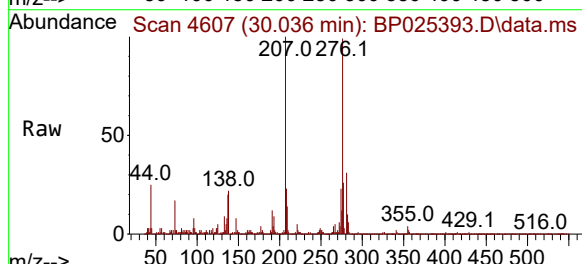
Tgt Ion: 278 Resp: 284440
Ion Ratio Lower Upper
278 100
139 15.9 13.0 19.4
279 24.3 19.4 29.2

Manual Integrations
APPROVED

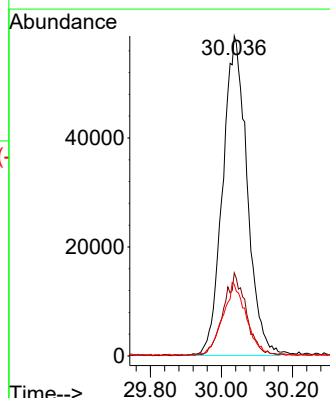
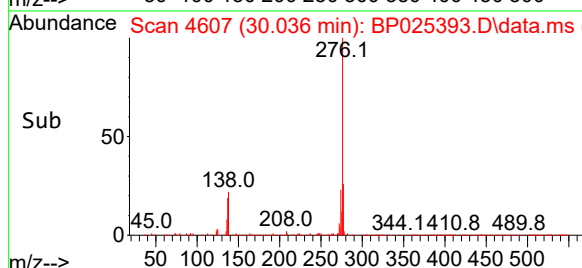
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 4.931 ng
RT: 30.036 min Scan# 4607
Delta R.T. -0.023 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



Tgt Ion: 276 Resp: 279987
Ion Ratio Lower Upper
276 100
277 26.0 19.4 29.0
138 22.4 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025394.D
 Acq On : 14 Aug 2025 13:56
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:53:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	137852	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	563995	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	383199	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	780940	20.000	ng	0.00
76) Chrysene-d12	21.648	240	860386	20.000	ng	0.00
86) Perylene-d12	25.036	264	980670	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	162289	19.551	ng	0.00
7) Phenol-d6	6.966	99	202204	19.000	ng	0.00
23) Nitrobenzene-d5	8.931	82	212236	19.036	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	99083	19.210	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	568359	20.271	ng	0.00
79) Terphenyl-d14	19.924	244	946422	20.125	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	31948	9.826	ng	98
3) Pyridine	3.731	79	86156	9.681	ng	100
4) n-Nitrosodimethylamine	3.637	42	35519	9.681	ng	# 99
6) Aniline	7.125	93	135217	9.430	ng	99
8) 2-Chlorophenol	7.366	128	88413	9.439	ng	98
9) Benzaldehyde	6.943	77	68064m	9.129	ng	
10) Phenol	6.996	94	105394	9.438	ng	99
11) bis(2-Chloroethyl)ether	7.219	93	81541	9.368	ng	98
12) 1,3-Dichlorobenzene	7.684	146	98782	9.564	ng	98
13) 1,4-Dichlorobenzene	7.825	146	102729	9.731	ng	98
14) 1,2-Dichlorobenzene	8.143	146	98589	9.647	ng	98
15) Benzyl Alcohol	8.025	79	78411	9.273	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.313	45	109744	9.412	ng	99
17) 2-Methylphenol	8.231	107	70991	9.153	ng	98
18) Hexachloroethane	8.866	117	37473	9.654	ng	98
19) n-Nitroso-di-n-propyla...	8.584	70	66105	9.366	ng	99
20) 3+4-Methylphenols	8.549	107	99382	9.244	ng	97
22) Acetophenone	8.602	105	137361	9.712	ng	# 98
24) Nitrobenzene	8.972	77	96502	9.685	ng	97
25) Isophorone	9.502	82	189510	9.604	ng	99
26) 2-Nitrophenol	9.678	139	45860	8.968	ng	96
27) 2,4-Dimethylphenol	9.737	122	85465	9.718	ng	98
28) bis(2-Chloroethoxy)met...	9.972	93	114635	9.611	ng	99
29) 2,4-Dichlorophenol	10.213	162	82676	9.464	ng	97
30) 1,2,4-Trichlorobenzene	10.431	180	92664	9.676	ng	94
31) Naphthalene	10.613	128	287754	9.816	ng	99
32) Benzoic acid	9.825	122	53034m	8.188	ng	
33) 4-Chloroaniline	10.713	127	122647	9.472	ng	98
34) Hexachlorobutadiene	10.901	225	57821	9.695	ng	97
35) Caprolactam	11.472	113	32038	10.001	ng	93
36) 4-Chloro-3-methylphenol	11.837	107	94538	9.431	ng	97
37) 2-Methylnaphthalene	12.219	142	184172	9.654	ng	100
38) 1-Methylnaphthalene	12.437	142	199160	9.817	ng	97
40) 1,2,4,5-Tetrachloroben...	12.590	216	107104	9.678	ng	99
41) Hexachlorocyclopentadiene	12.572	237	52588	7.867	ng	97
43) 2,4,6-Trichlorophenol	12.831	196	69780	9.339	ng	97

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 Data File : BP025394.D
 Acq On : 14 Aug 2025 13:56
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:53:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	73744	9.006	ng	98
46) 1,1'-Biphenyl	13.237	154	271710	9.763	ng	98
47) 2-Chloronaphthalene	13.272	162	209419	9.666	ng	99
48) 2-Nitroaniline	13.466	65	58630	9.287	ng	97
49) Acenaphthylene	14.119	152	346021	9.652	ng	99
50) Dimethylphthalate	13.860	163	277701	9.896	ng	99
51) 2,6-Dinitrotoluene	13.972	165	54957	9.292	ng	96
52) Acenaphthene	14.472	154	207239m	9.848	ng	
53) 3-Nitroaniline	14.301	138	62991	9.466	ng	93
54) 2,4-Dinitrophenol	14.513	184	21748	6.886	ng	99
55) Dibenzofuran	14.807	168	327734	9.851	ng	100
56) 4-Nitrophenol	14.625	139	48103	8.797	ng	97
57) 2,4-Dinitrotoluene	14.766	165	77950	9.237	ng	100
58) Fluorene	15.472	166	266610	10.156	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.042	232	68931	9.533	ng	99
60) Diethylphthalate	15.242	149	282526	9.909	ng	98
61) 4-Chlorophenyl-phenyle...	15.466	204	131137	10.044	ng	99
62) 4-Nitroaniline	15.478	138	64375	9.437	ng	99
63) Azobenzene	15.766	77	234879	9.620	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	37380	7.679	ng	97
66) n-Nitrosodiphenylamine	15.684	169	235344	9.883	ng	100
67) 4-Bromophenyl-phenylether	16.384	248	80373	9.358	ng	98
68) Hexachlorobenzene	16.501	284	98614	9.905	ng	96
69) Atrazine	16.660	200	88240	9.894	ng	98
70) Pentachlorophenol	16.854	266	52539	8.360	ng	97
71) Phenanthrene	17.248	178	429752	10.018	ng	99
72) Anthracene	17.348	178	438953	10.020	ng	100
73) Carbazole	17.619	167	410726	9.954	ng	99
74) Di-n-butylphthalate	18.219	149	490232	9.656	ng	99
75) Fluoranthene	19.330	202	516523	10.094	ng	99
77) Benzidine	19.525	184	276193	9.406	ng	99
78) Pyrene	19.707	202	542670	9.704	ng	100
80) Butylbenzylphthalate	20.660	149	239416	9.446	ng	98
81) Benzo(a)anthracene	21.624	228	560279	9.874	ng	99
82) 3,3'-Dichlorobenzidine	21.554	252	207153	9.686	ng	99
83) Chrysene	21.701	228	522411	9.831	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	355530	9.529	ng	99
85) Di-n-octyl phthalate	22.877	149	594195	9.259	ng	99
87) Indeno(1,2,3-cd)pyrene	28.853	276	678980m	9.438	ng	
88) Benzo(b)fluoranthene	23.954	252	552191	9.549	ng	99
89) Benzo(k)fluoranthene	24.018	252	567080	9.800	ng	98
90) Benzo(a)pyrene	24.854	252	535820	9.519	ng	99
91) Dibenzo(a,h)anthracene	28.959	278	551694	9.387	ng	99
92) Benzo(g,h,i)perylene	30.047	276	548117	9.489	ng	99

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

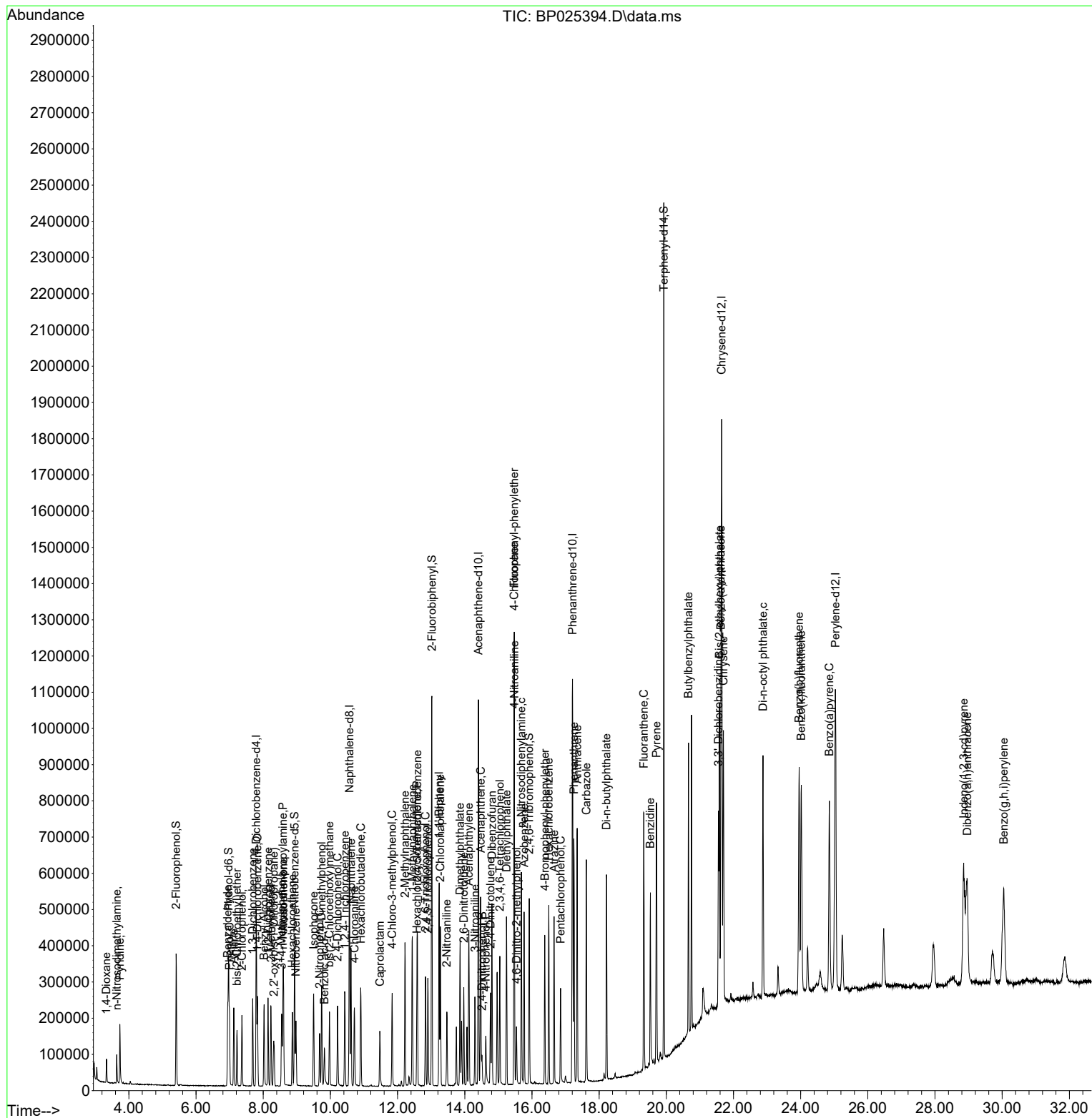
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Acq On : 14 Aug 2025 13:56
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

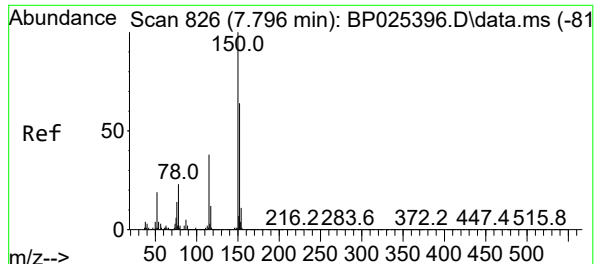
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BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jaagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:53:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration





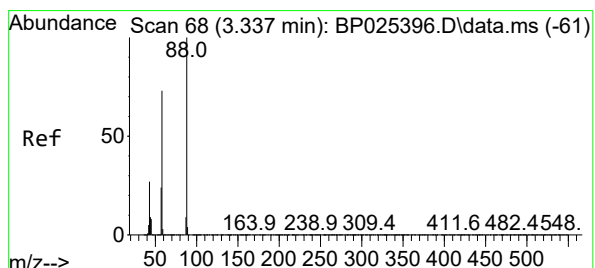
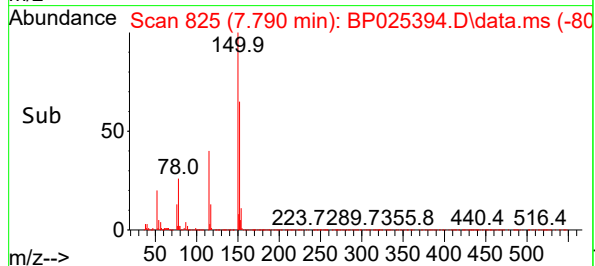
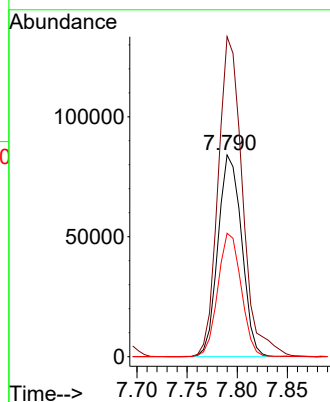
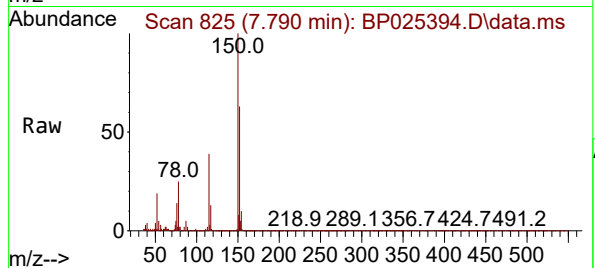
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 137852
Ion Ratio Lower Upper
152 100
150 158.6 125.9 188.9
115 61.1 48.5 72.7

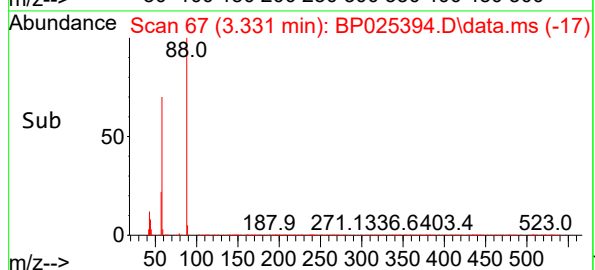
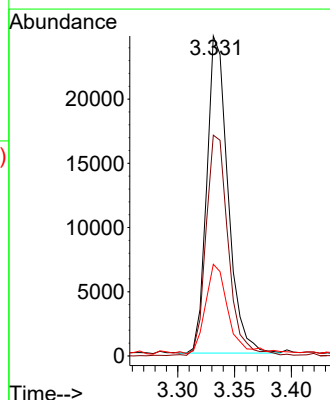
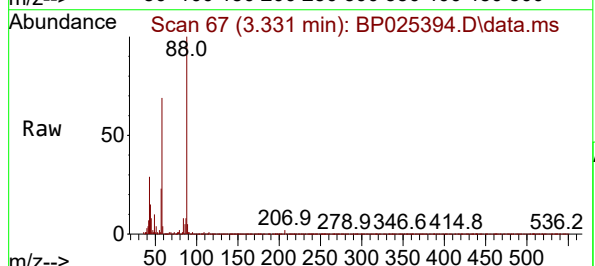
Manual Integrations
APPROVED

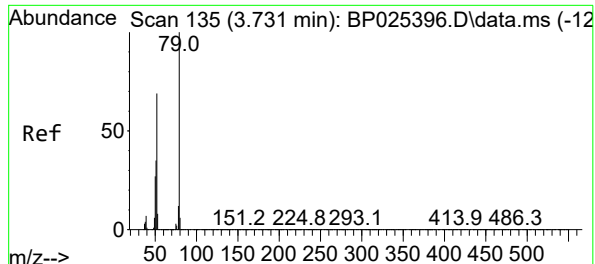
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 9.826 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

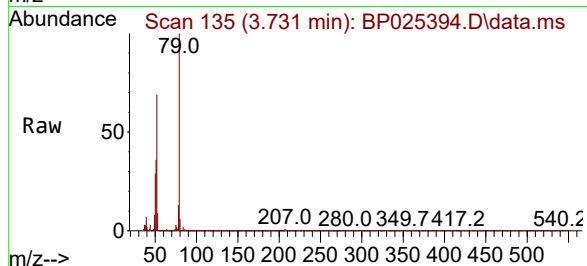
Tgt Ion: 88 Resp: 31948
Ion Ratio Lower Upper
88 100
58 74.0 59.2 88.8
43 30.8 21.7 32.5





#3
Pyridine
Concen: 9.681 ng
RT: 3.731 min Scan# 113
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

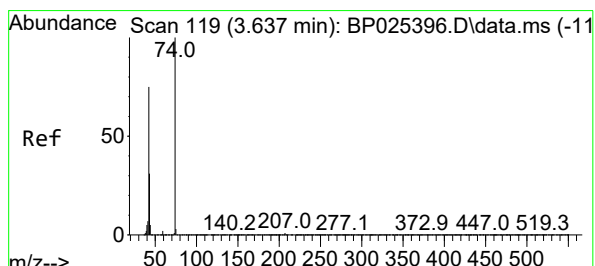
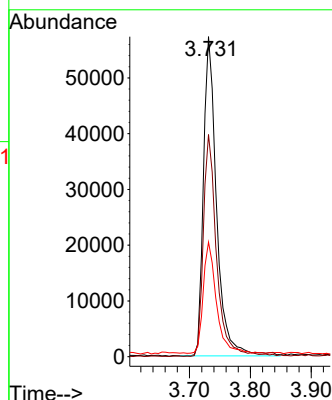
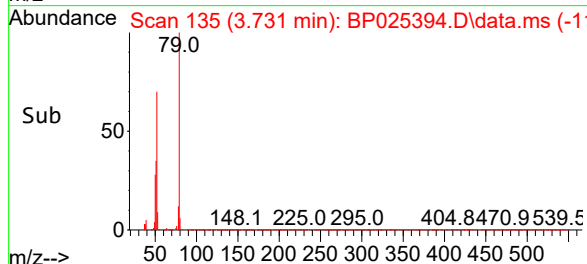
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 79 Resp: 86150
Ion Ratio Lower Upper
79 100
52 69.4 55.5 83.3
51 35.8 28.3 42.5

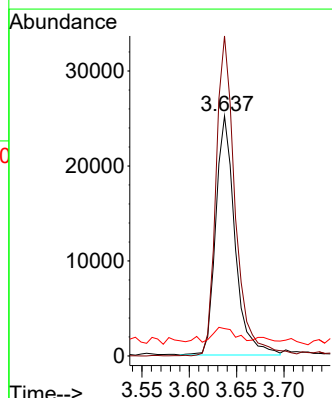
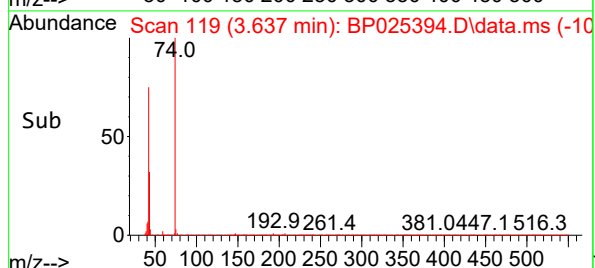
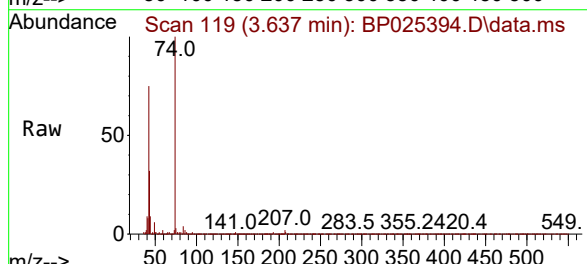
Manual Integrations
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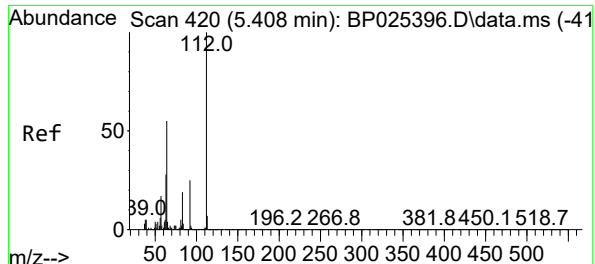
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#4
n-Nitrosodimethylamine
Concen: 9.681 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

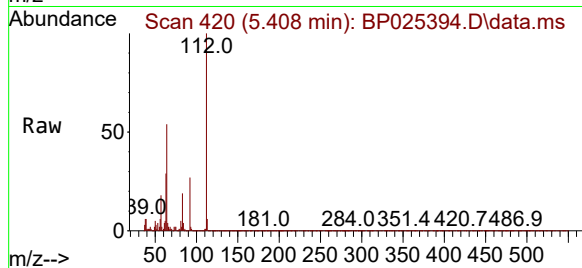
Tgt Ion: 42 Resp: 35519
Ion Ratio Lower Upper
42 100
74 133.3 107.0 160.4
44 11.4 6.2 9.4





#5
2-Fluorophenol
Concen: 19.551 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

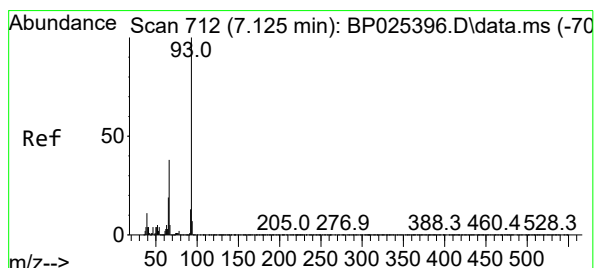
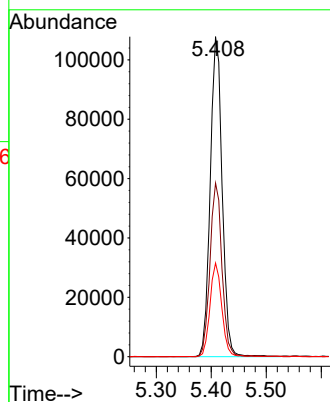
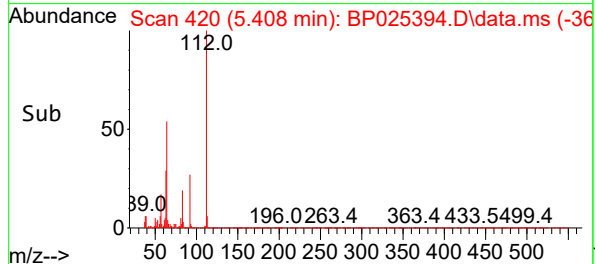
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 112 Resp: 162289
Ion Ratio Lower Upper
112 100
64 54.3 43.8 65.8
63 29.3 22.7 34.1

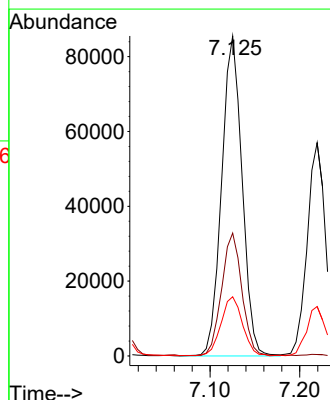
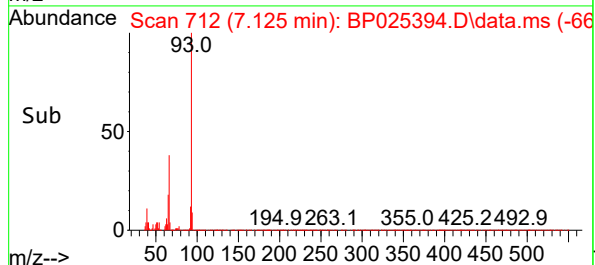
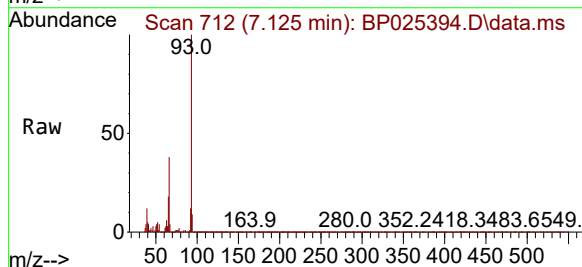
Manual Integrations
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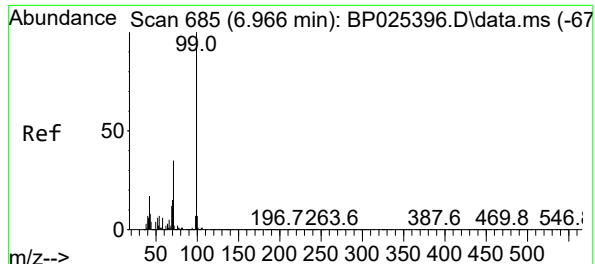
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#6
Aniline
Concen: 9.430 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 93 Resp: 135217
Ion Ratio Lower Upper
93 100
66 38.4 30.4 45.6
65 18.5 15.3 22.9





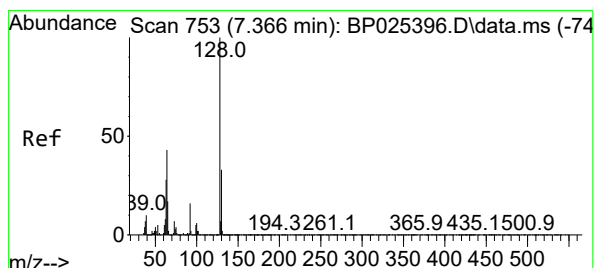
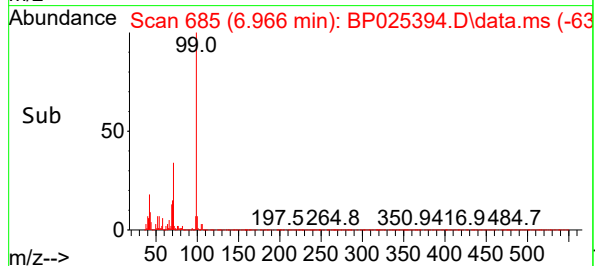
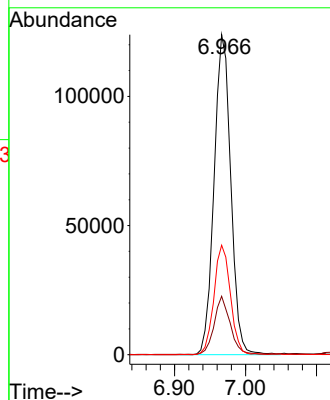
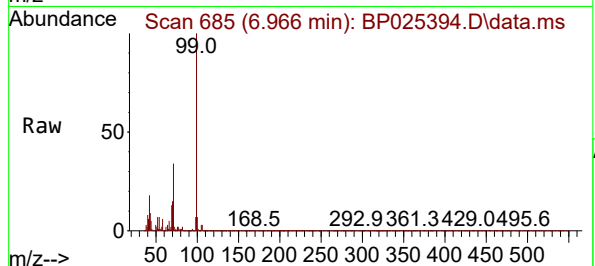
#7
Phenol-d6
Concen: 19.000 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 202204
Ion Ratio Lower Upper
99 100
42 18.3 13.7 20.5
71 34.2 28.2 42.4

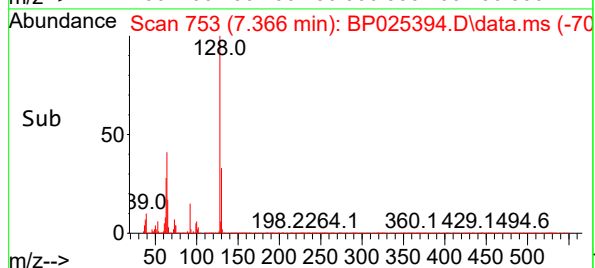
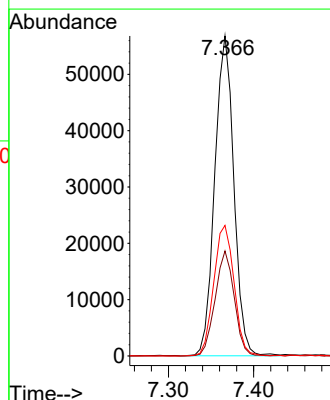
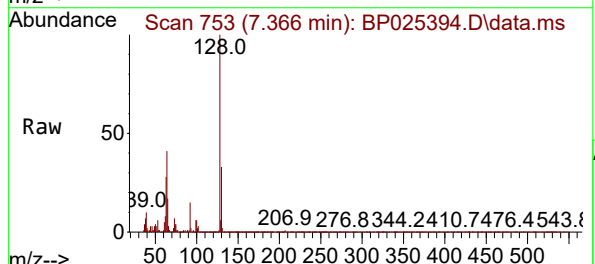
Manual Integrations
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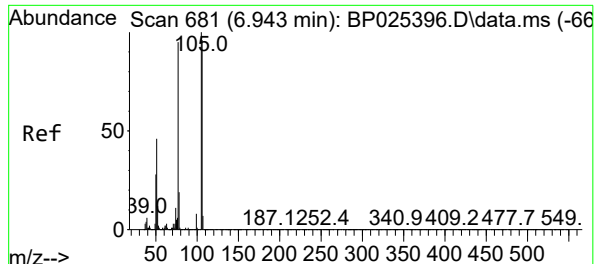
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#8
2-Chlorophenol
Concen: 9.439 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

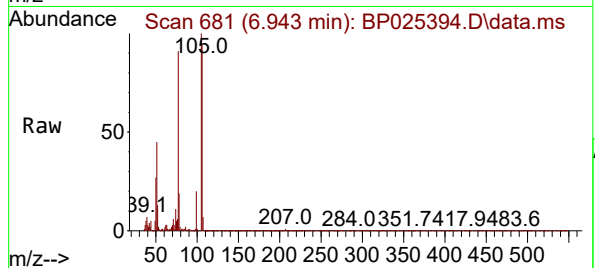
Tgt Ion:128 Resp: 88413
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 40.8 23.4 63.4





#9
Benzaldehyde
Concen: 9.129 ng m
RT: 6.943 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

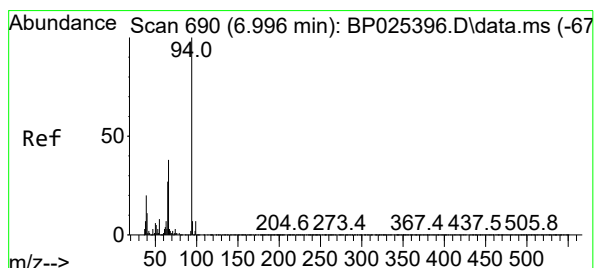
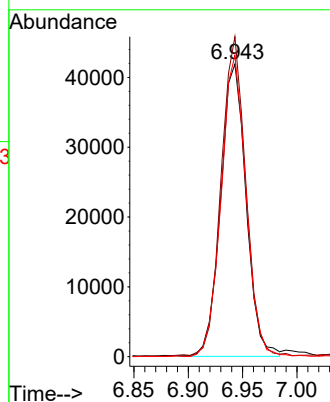
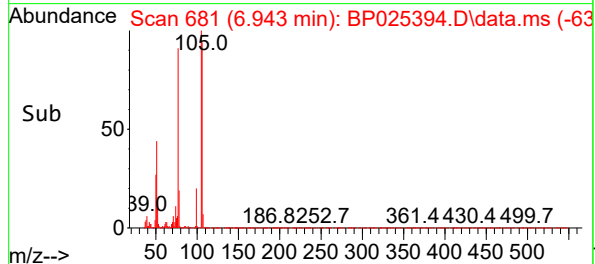
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 68064
Ion Ratio Lower Upper
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105 109.4 84.8 124.8
106 103.0 80.5 120.5

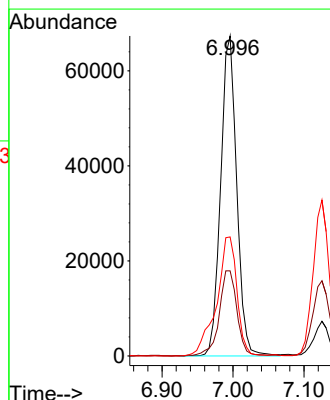
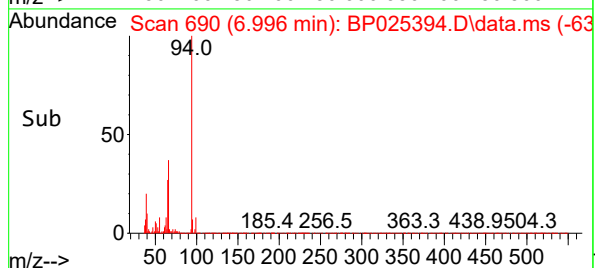
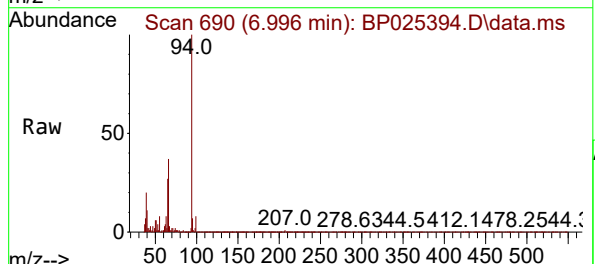
Manual Integrations
APPROVED

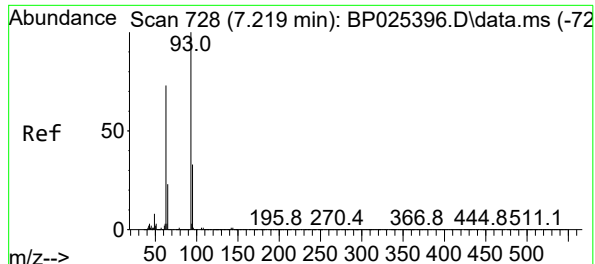
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 9.438 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

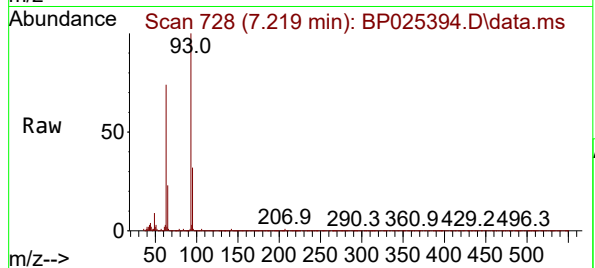
Tgt Ion: 94 Resp: 105394
Ion Ratio Lower Upper
94 100
65 26.6 6.8 46.8
66 37.2 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 9.368 ng
RT: 7.219 min Scan# 728
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

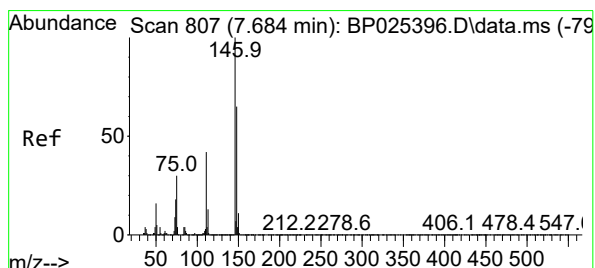
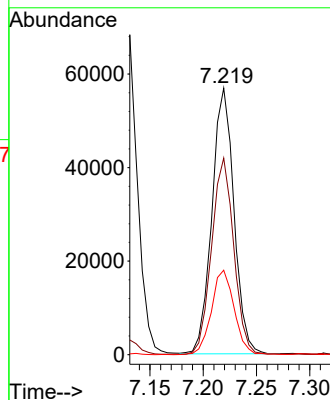
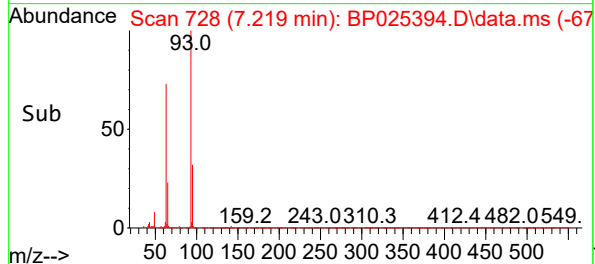
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



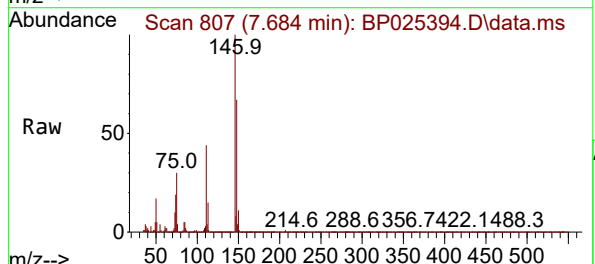
Tgt Ion: 93 Resp: 8154
Ion Ratio Lower Upper
93 100
63 73.7 52.6 92.6
95 31.7 12.7 52.7

Manual Integrations
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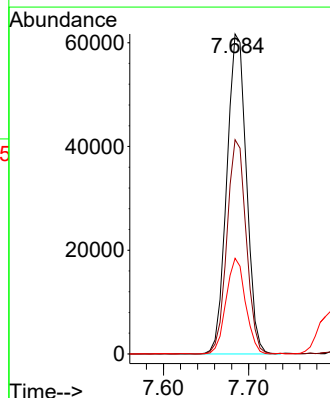
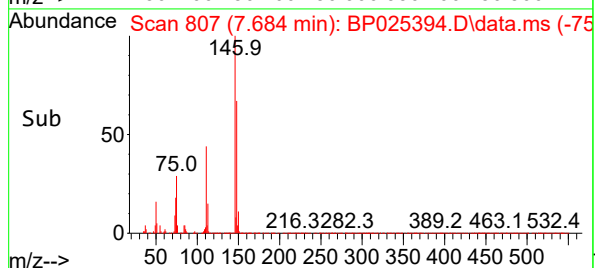
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

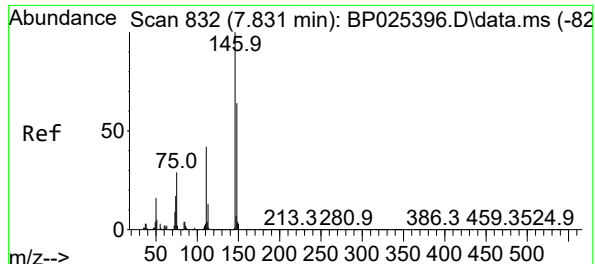


#12
1,3-Dichlorobenzene
Concen: 9.564 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56



Tgt Ion:146 Resp: 98782
Ion Ratio Lower Upper
146 100
148 67.0 51.9 77.9
75 29.9 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 9.731 ng

RT: 7.825 min Scan# 831

Delta R.T. -0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 102729

Ion Ratio Lower Upper

146 100

148 63.3 51.6 77.4

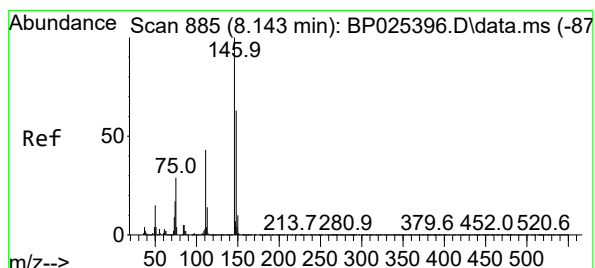
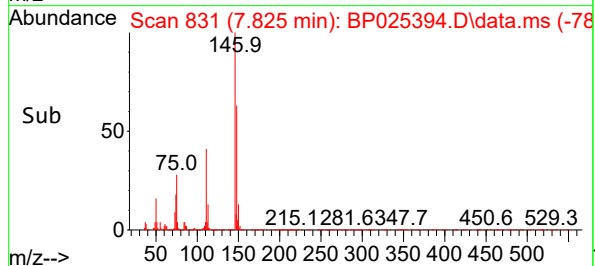
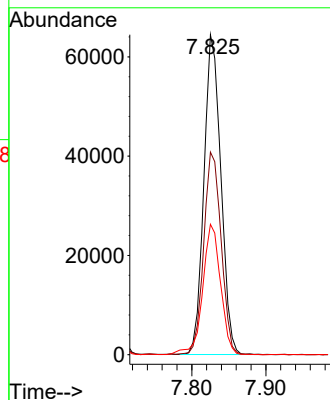
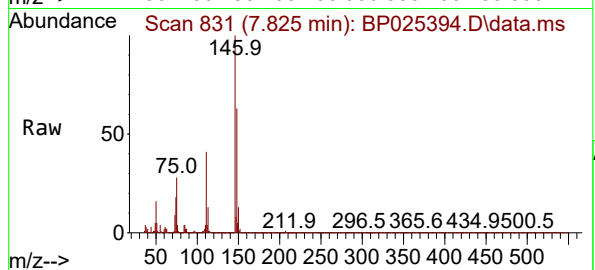
111 40.8 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 9.647 ng

RT: 8.143 min Scan# 885

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

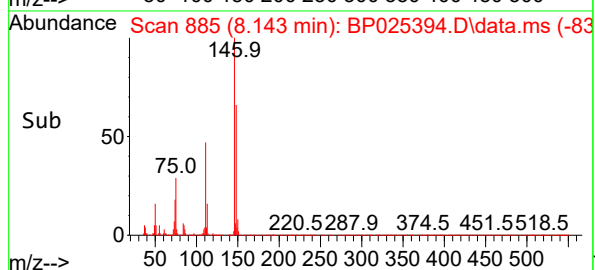
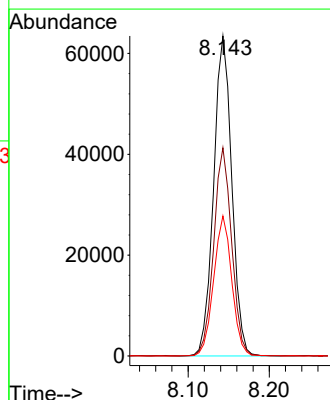
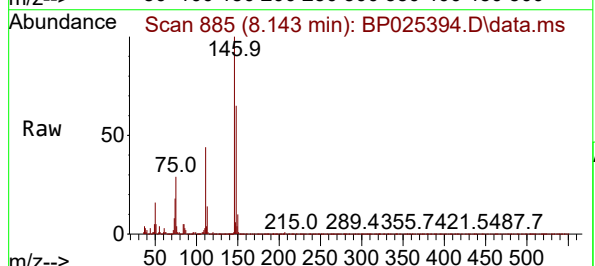
Tgt Ion:146 Resp: 98589

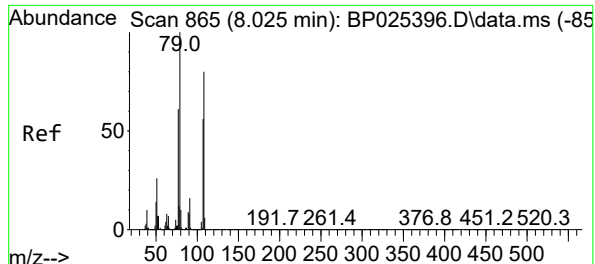
Ion Ratio Lower Upper

146 100

148 65.1 50.4 75.6

111 43.7 34.5 51.7





#15

Benzyl Alcohol

Concen: 9.273 ng

RT: 8.025 min Scan# 80

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 7841

Ion Ratio Lower Upper

79 100

108 78.4 63.8 95.6

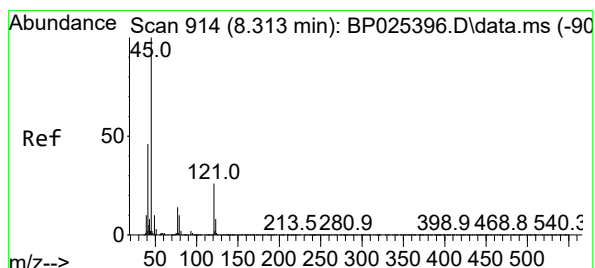
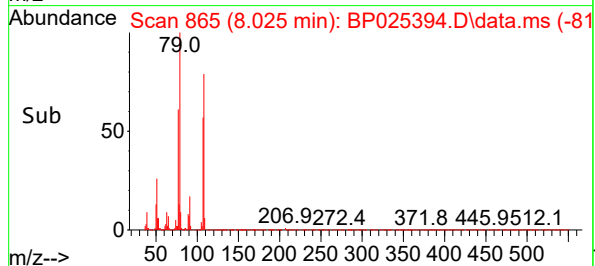
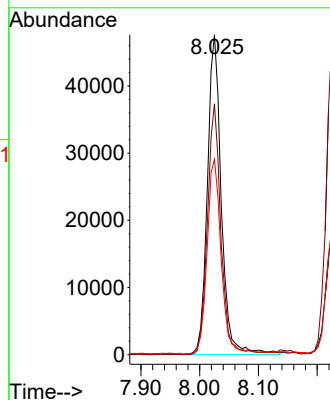
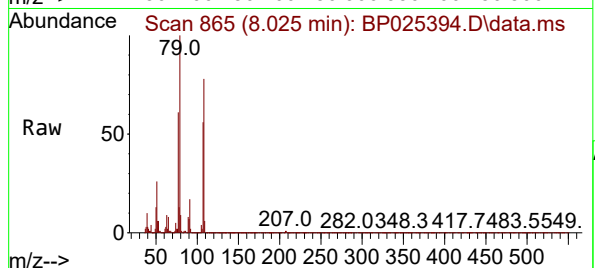
77 61.0 49.0 73.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.412 ng

RT: 8.313 min Scan# 914

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

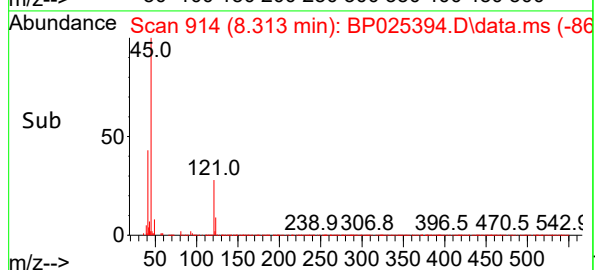
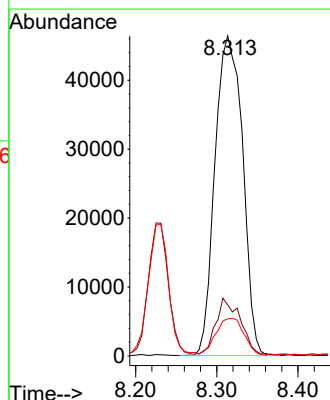
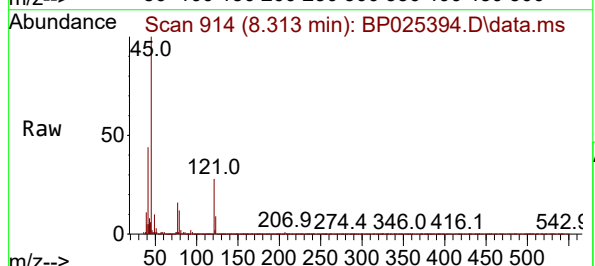
Tgt Ion: 45 Resp: 109744

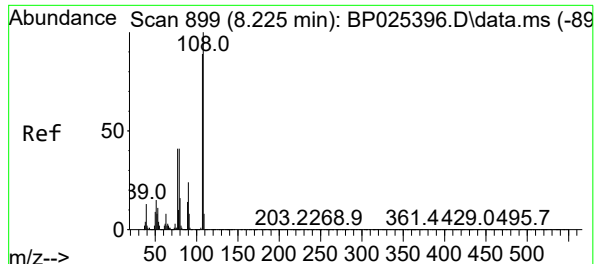
Ion Ratio Lower Upper

45 100

77 15.9 0.0 35.3

79 11.6 0.0 31.8





#17

2-Methylphenol

Concen: 9.153 ng

RT: 8.231 min Scan# 900

Delta R.T. 0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:107 Resp: 7099

Ion Ratio Lower Upper

107 100

108 108.4 89.4 134.0

77 45.5 36.3 54.5

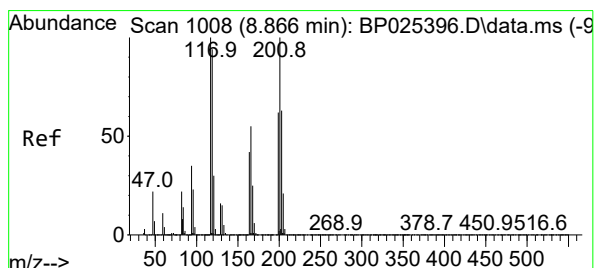
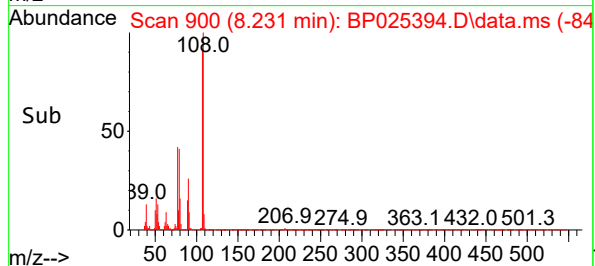
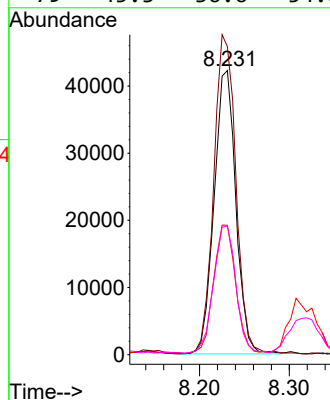
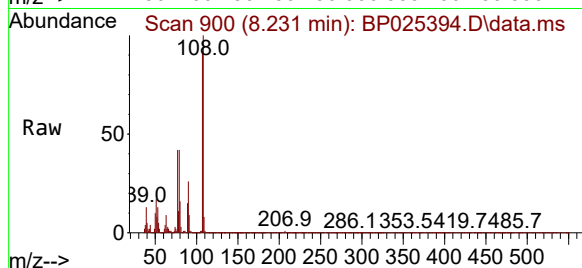
79 45.3 36.6 54.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#18

Hexachloroethane

Concen: 9.654 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

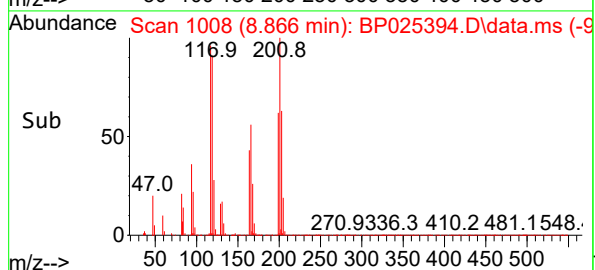
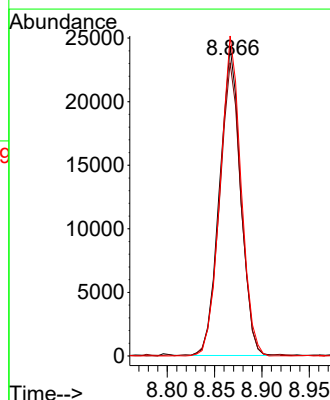
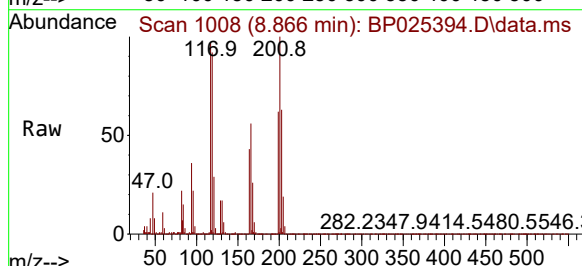
Tgt Ion:117 Resp: 37473

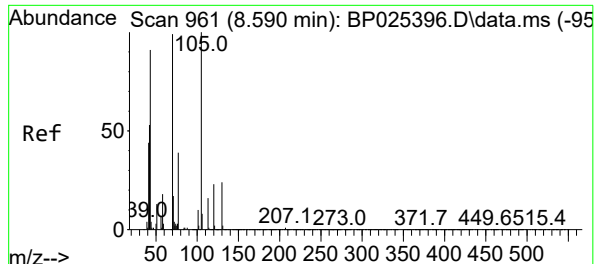
Ion Ratio Lower Upper

117 100

119 94.8 75.1 112.7

201 103.5 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 9.366 ng

RT: 8.584 min Scan# 90

Delta R.T. -0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 6610

Ion Ratio Lower Upper

70 100

42 54.2 43.8 65.6

101 11.1 8.5 12.7

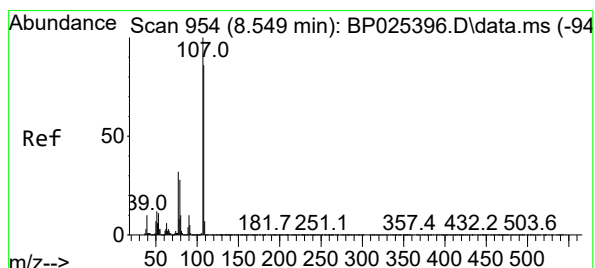
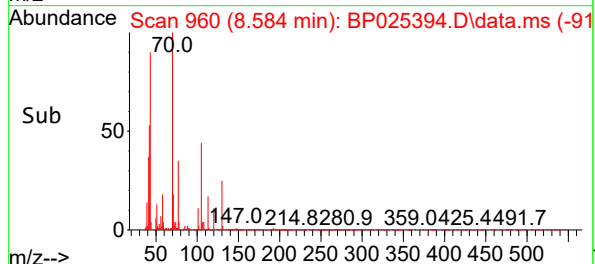
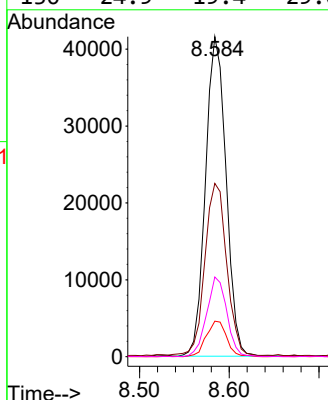
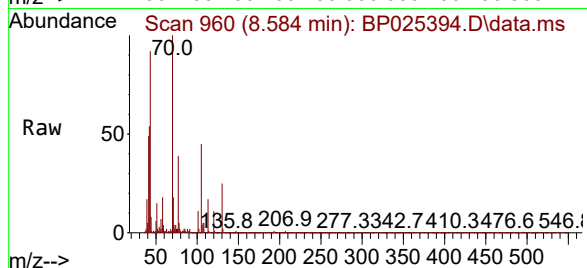
130 24.9 19.4 29.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 9.244 ng

RT: 8.549 min Scan# 954

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Tgt Ion:107 Resp: 99382

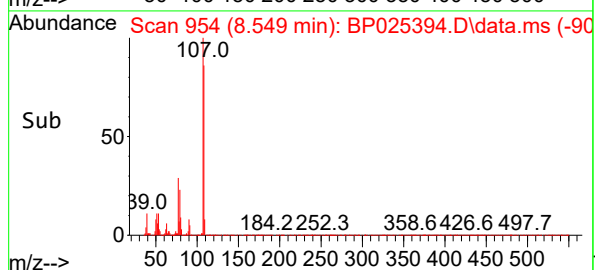
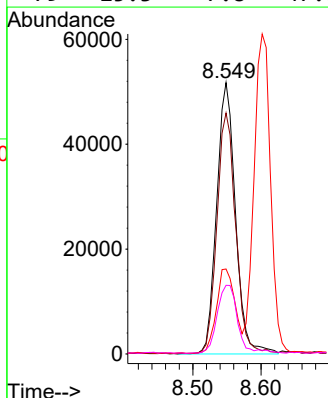
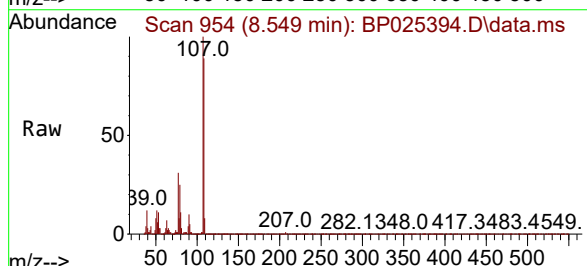
Ion Ratio Lower Upper

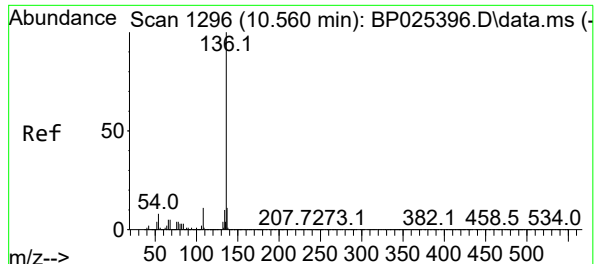
107 100

108 88.8 66.3 106.3

77 31.3 12.3 52.3

79 25.3 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.566 min Scan# 1296

Delta R.T. 0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 56399

Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 7.3 6.0 9.0

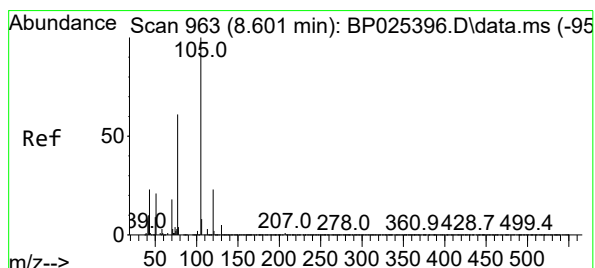
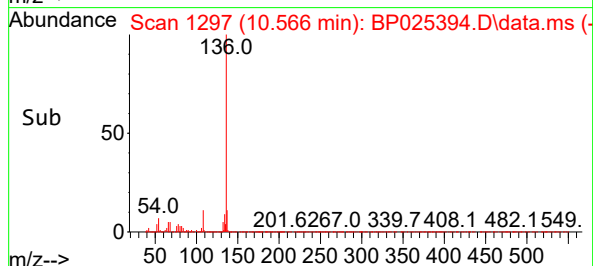
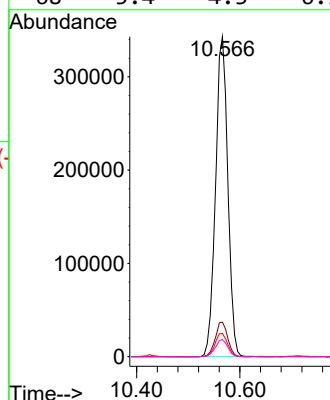
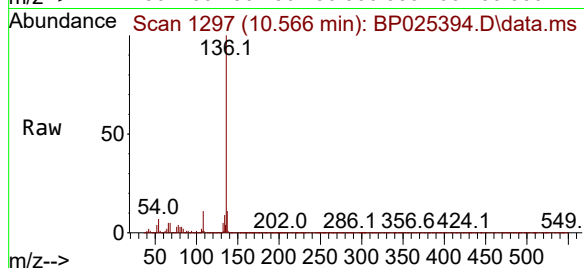
68 5.4 4.3 6.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#22

Acetophenone

Concen: 9.712 ng

RT: 8.602 min Scan# 963

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Tgt Ion:105 Resp: 137361

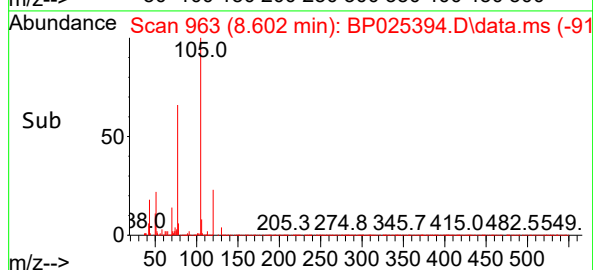
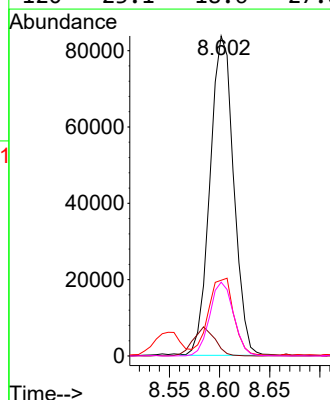
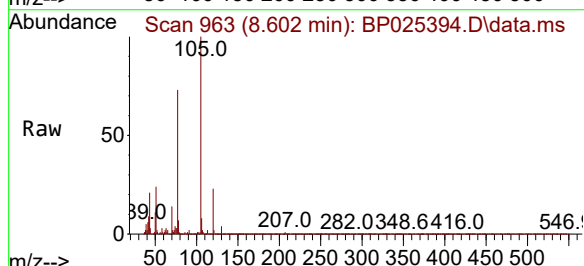
Ion Ratio Lower Upper

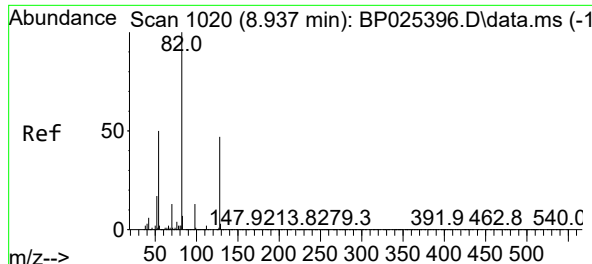
105 100

71 2.3 2.6 4.0#

51 23.7 20.6 30.8

120 23.1 18.6 27.8





#23

Nitrobenzene-d5

Concen: 19.036 ng

RT: 8.931 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 212230

Ion Ratio Lower Upper

82 100

128 46.6 37.7 56.5

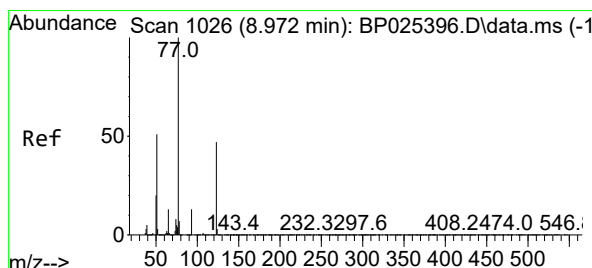
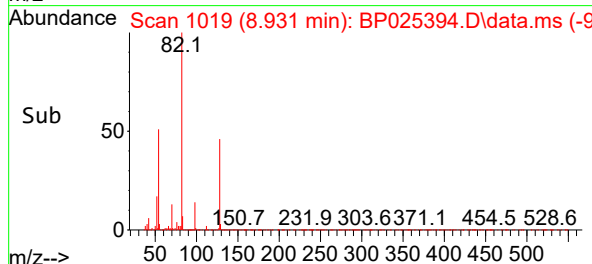
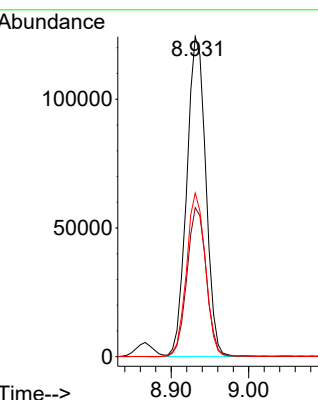
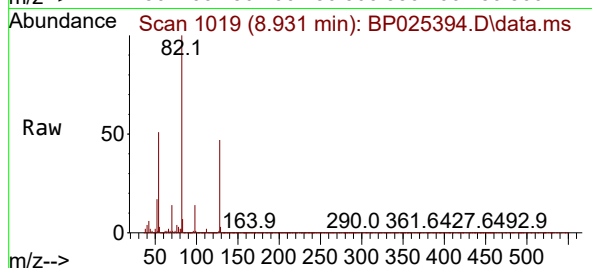
54 51.2 39.8 59.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#24

Nitrobenzene

Concen: 9.685 ng

RT: 8.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

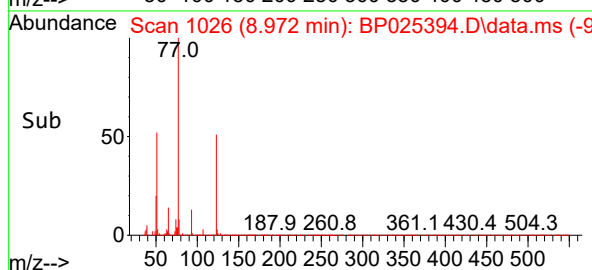
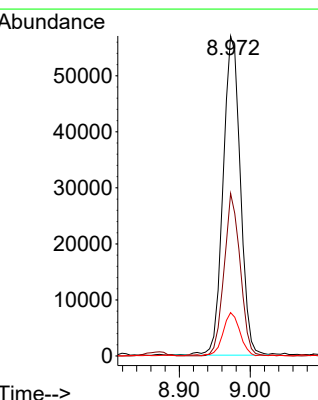
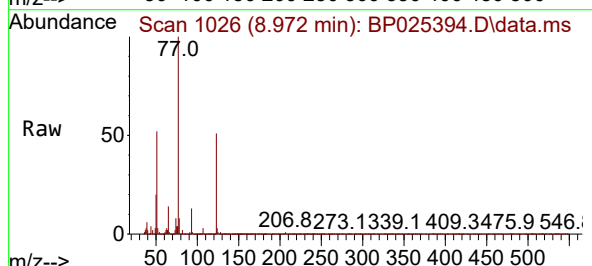
Tgt Ion: 77 Resp: 96502

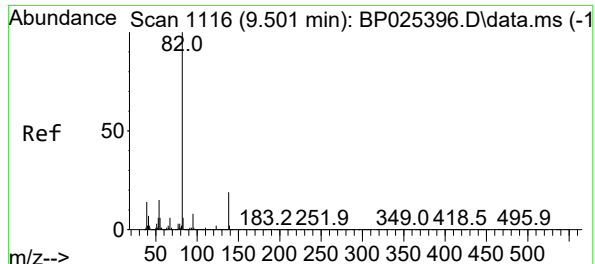
Ion Ratio Lower Upper

77 100

123 50.8 38.6 58.0

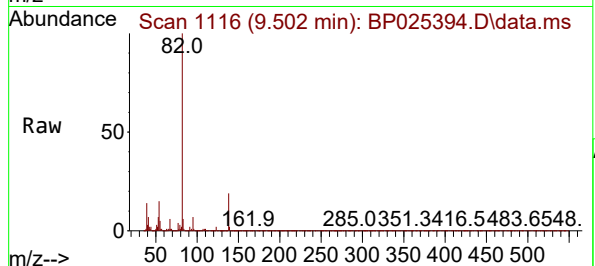
65 13.6 10.6 15.8





#25
Isophorone
Concen: 9.604 ng
RT: 9.502 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

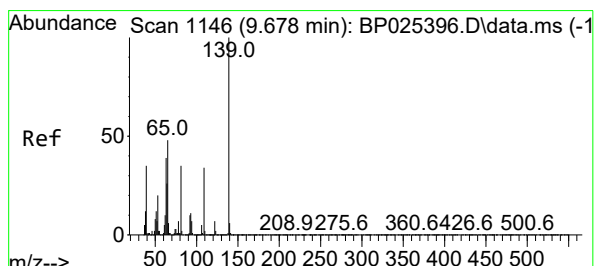
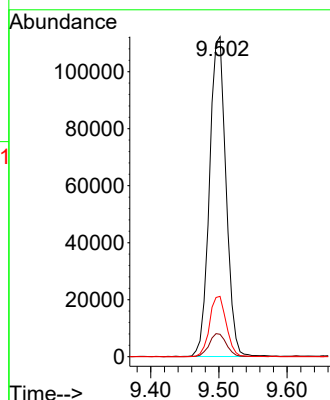
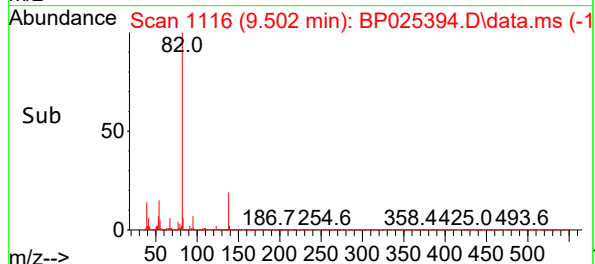
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 189510
Ion Ratio Lower Upper
82 100
95 7.0 6.4 9.6
138 18.8 15.4 23.0

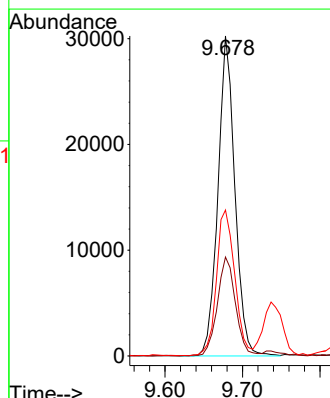
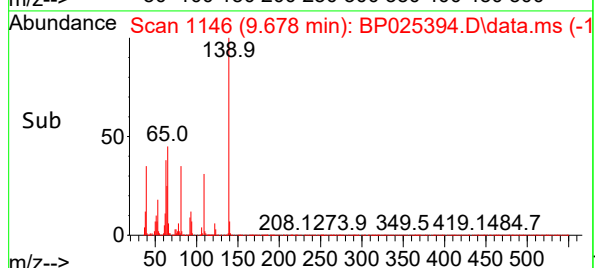
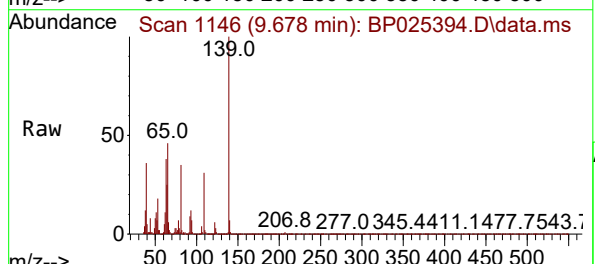
Manual Integrations
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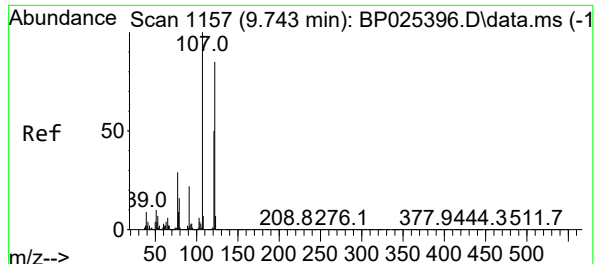
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#26
2-Nitrophenol
Concen: 8.968 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:139 Resp: 45860
Ion Ratio Lower Upper
139 100
109 30.9 26.9 40.3
65 45.6 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 9.718 ng

RT: 9.737 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:122 Resp: 8546

Ion Ratio Lower Upper

122 100

107 114.2 93.7 140.5

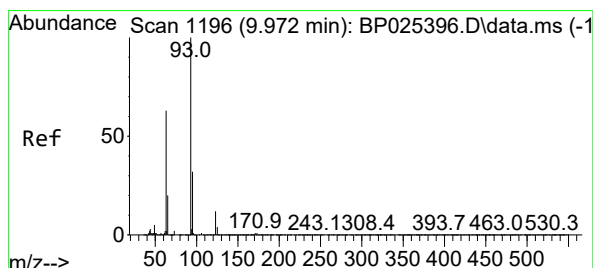
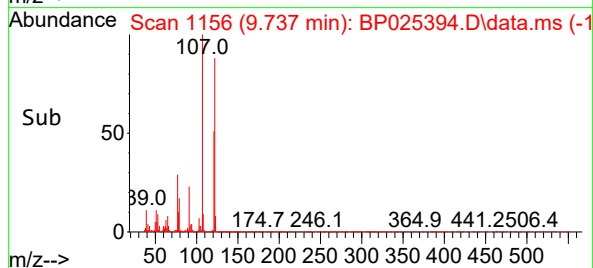
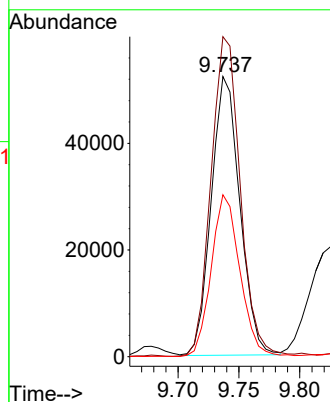
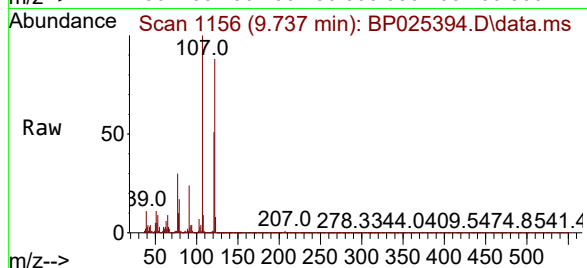
121 57.8 46.6 69.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 9.611 ng

RT: 9.972 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

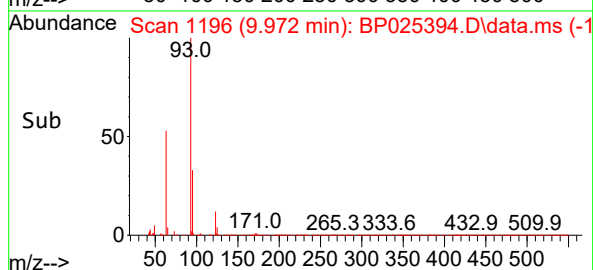
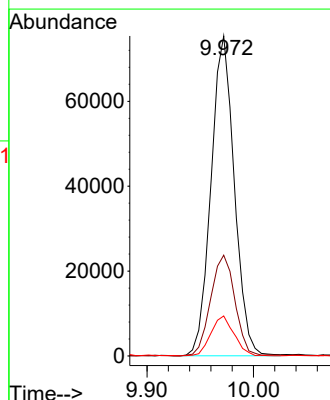
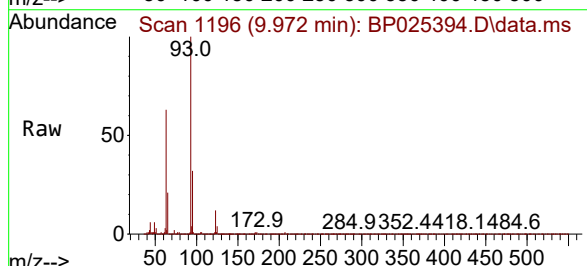
Tgt Ion: 93 Resp: 114635

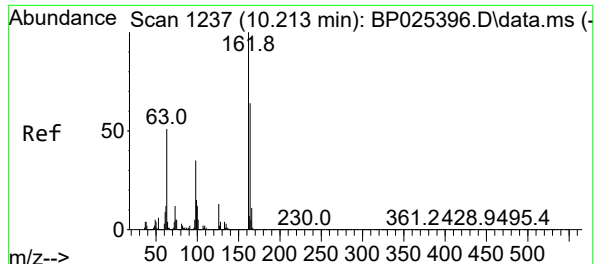
Ion Ratio Lower Upper

93 100

95 31.5 25.4 38.0

123 12.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 9.464 ng

RT: 10.213 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 82670

Ion Ratio Lower Upper

162 100

164 61.6 44.4 84.4

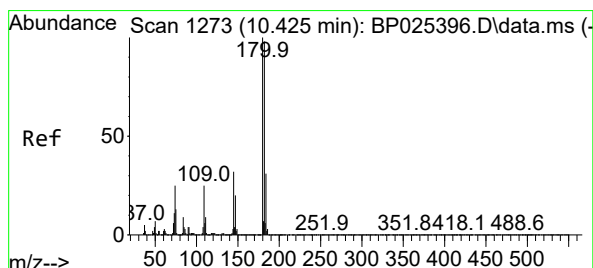
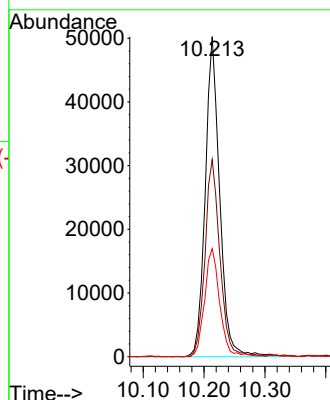
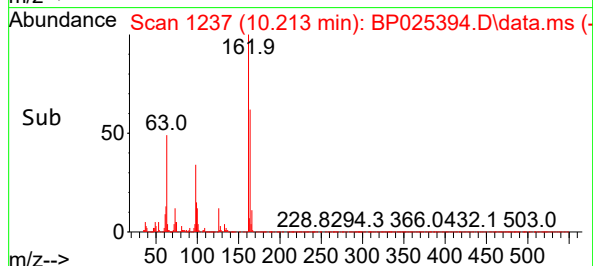
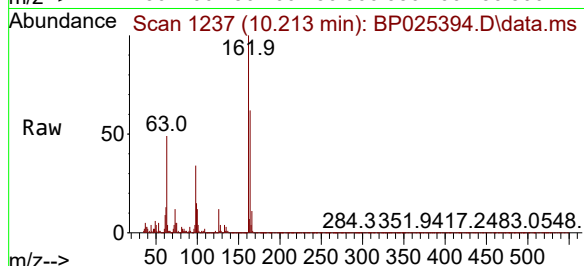
98 33.8 14.9 54.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 9.676 ng

RT: 10.431 min Scan# 1274

Delta R.T. 0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

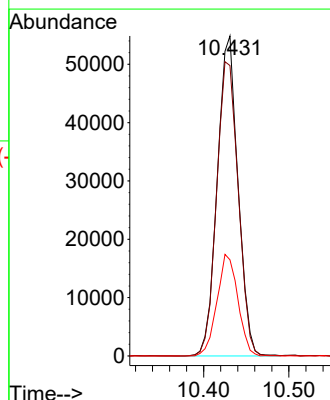
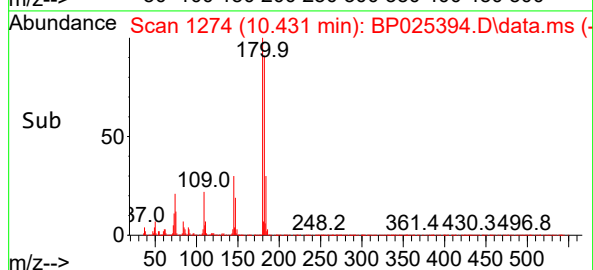
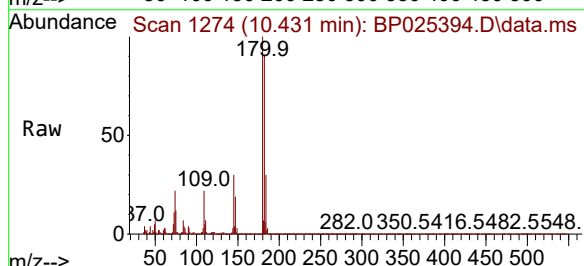
Tgt Ion:180 Resp: 92664

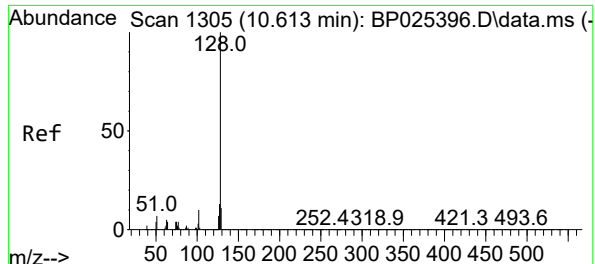
Ion Ratio Lower Upper

180 100

182 90.7 78.0 117.0

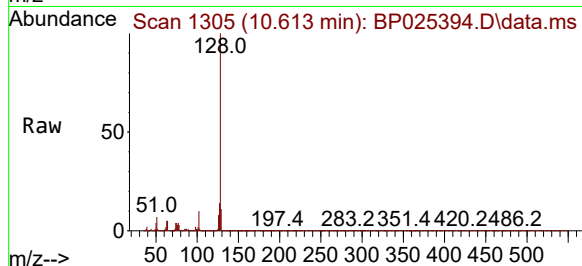
145 30.1 25.9 38.9





#31
Naphthalene
Concen: 9.816 ng
RT: 10.613 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

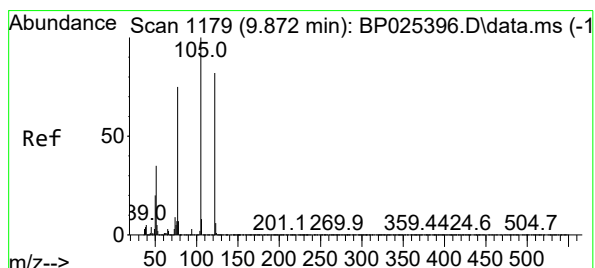
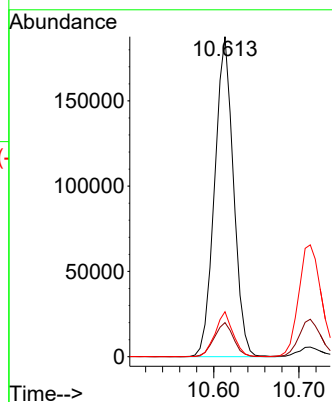
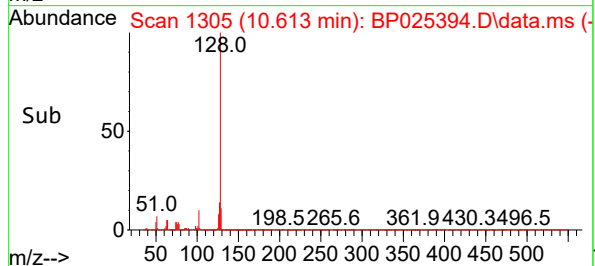
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:128 Resp: 287754
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 14.0 10.7 16.1

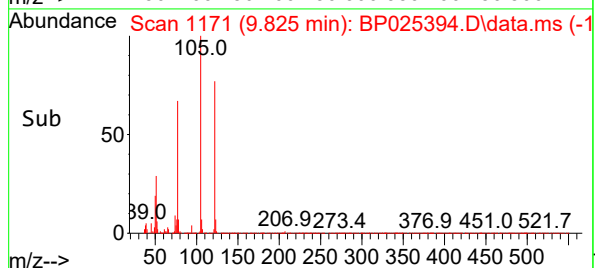
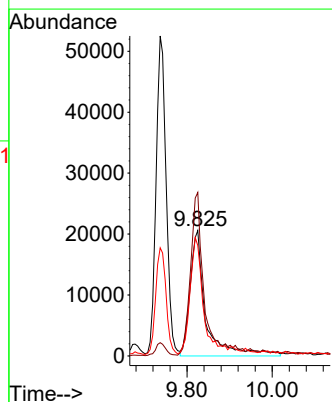
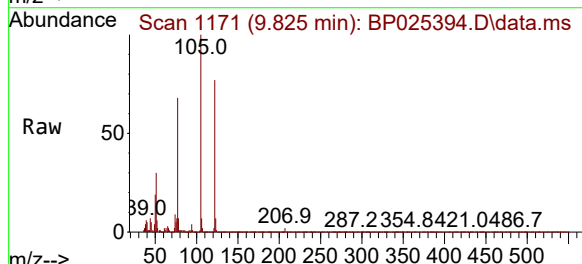
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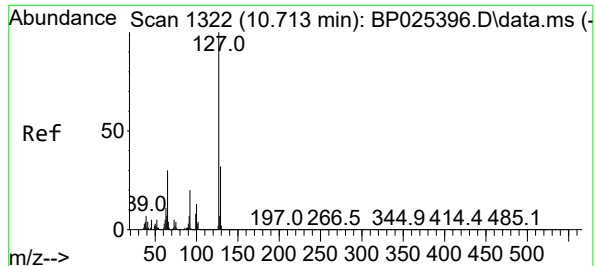
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 8.188 ng m
RT: 9.825 min Scan# 1171
Delta R.T. -0.047 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:122 Resp: 53034
Ion Ratio Lower Upper
122 100
105 130.4 100.6 140.6
77 88.0 71.5 111.5





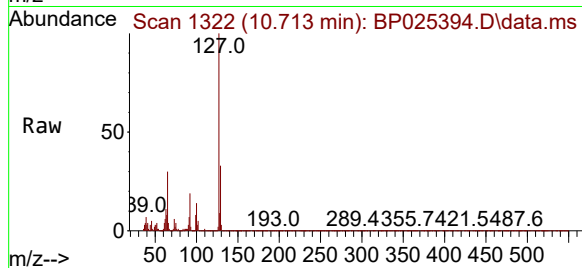
#33
4-Chloroaniline
Concen: 9.472 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010



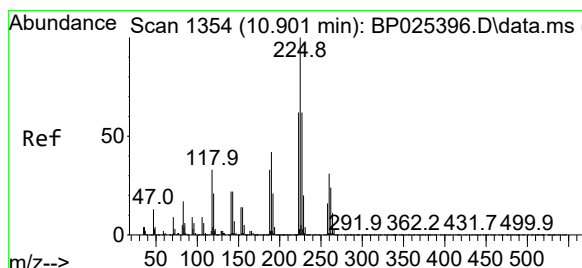
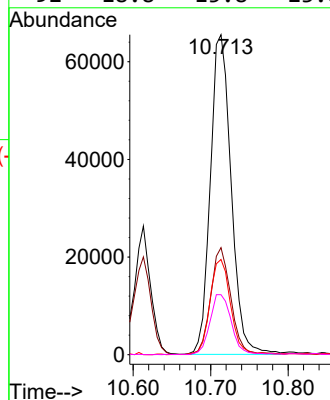
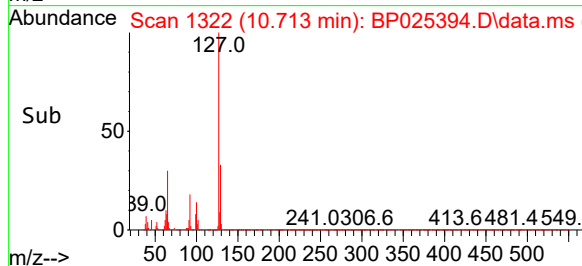
Tgt Ion:127 Resp: 12264
Ion Ratio Lower Upper
127 100
129 33.5 25.4 38.2
65 29.7 23.8 35.6
92 18.8 15.8 23.8

Manual Integrations

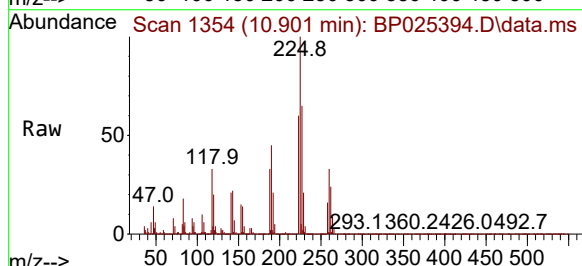
APPROVED

Reviewed By :Rahul Chavli 08/15/2025

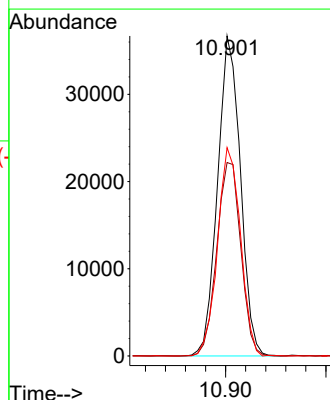
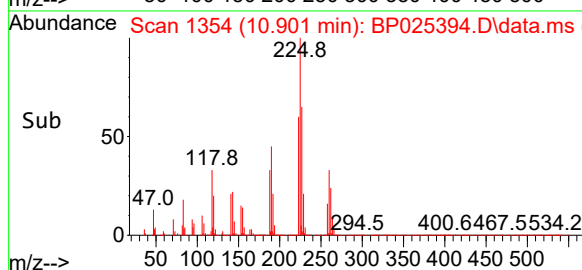
Supervised By :Jagrut Upadhyay 08/15/2025

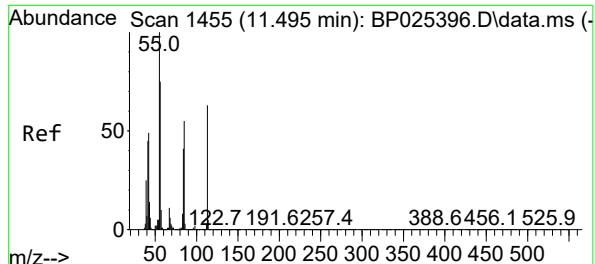


#34
Hexachlorobutadiene
Concen: 9.695 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56



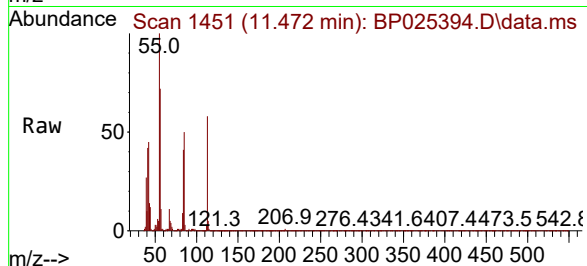
Tgt Ion:225 Resp: 57821
Ion Ratio Lower Upper
225 100
223 60.5 50.0 75.0
227 65.1 49.7 74.5





#35
Caprolactam
Concen: 10.001 ng
RT: 11.472 min Scan# 1455
Delta R.T. -0.023 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

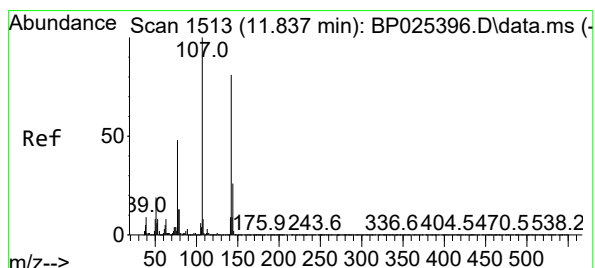
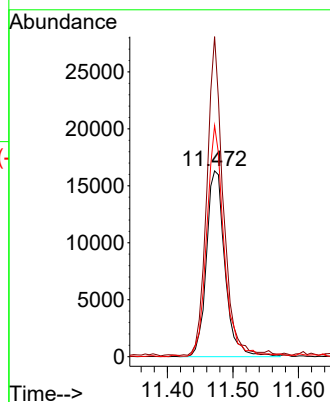
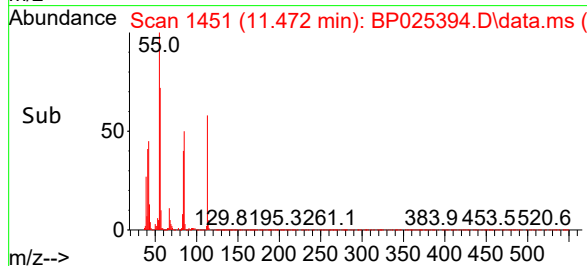
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:113 Resp: 32038
Ion Ratio Lower Upper
113 100
55 172.3 140.0 180.0
56 124.4 100.0 140.0

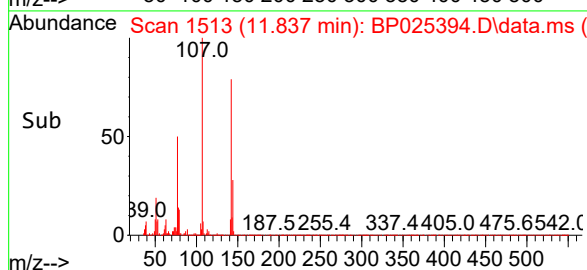
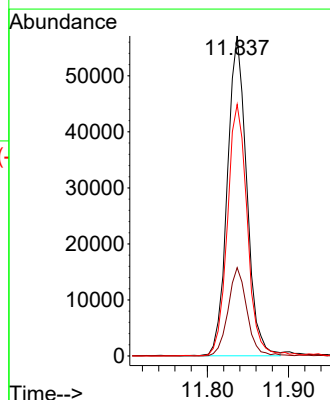
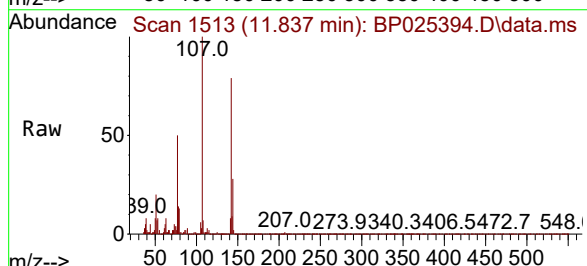
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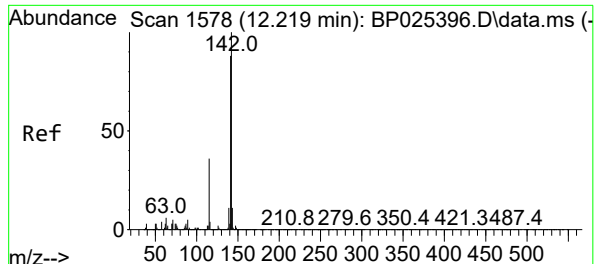
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#36
4-Chloro-3-methylphenol
Concen: 9.431 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:107 Resp: 94538
Ion Ratio Lower Upper
107 100
144 27.6 21.0 31.4
142 78.6 64.6 97.0





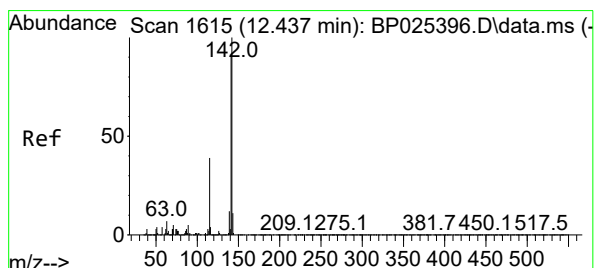
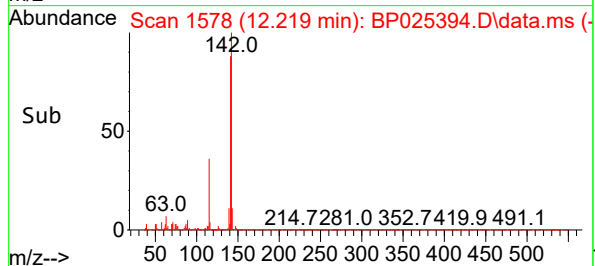
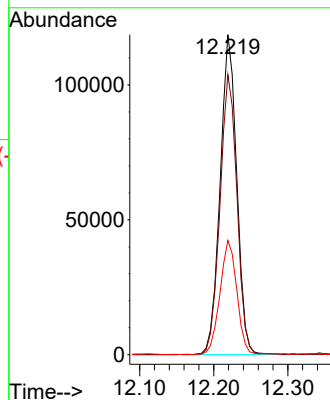
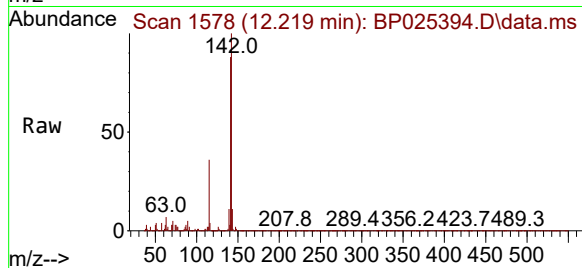
#37
2-Methylnaphthalene
Concen: 9.654 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 184172
Ion Ratio Lower Upper
142 100
141 87.5 70.3 105.5
115 35.7 28.9 43.3

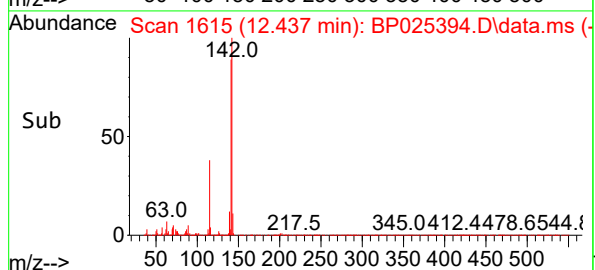
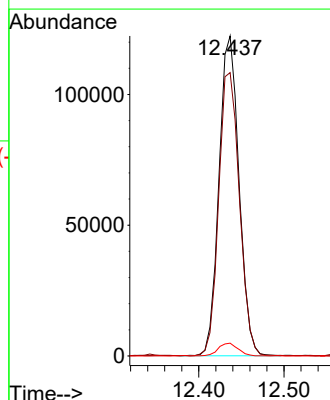
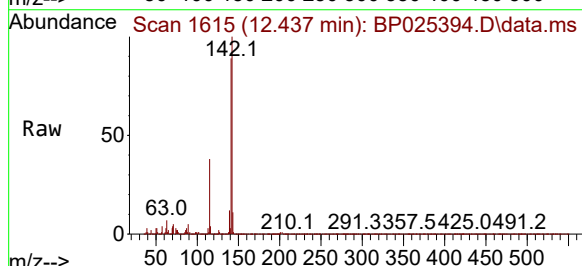
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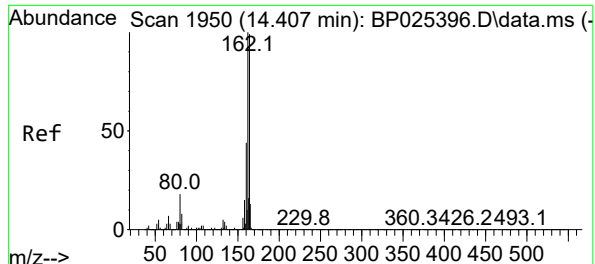
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 9.817 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:142 Resp: 199160
Ion Ratio Lower Upper
142 100
141 88.6 73.1 109.7
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.407 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:164 Resp: 383199

Ion Ratio Lower Upper

164 100

162 99.7 81.0 121.6

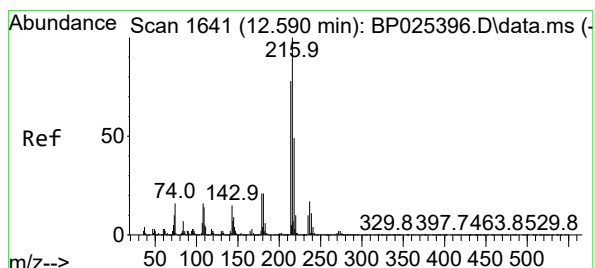
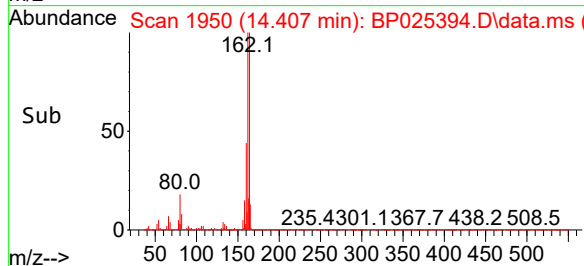
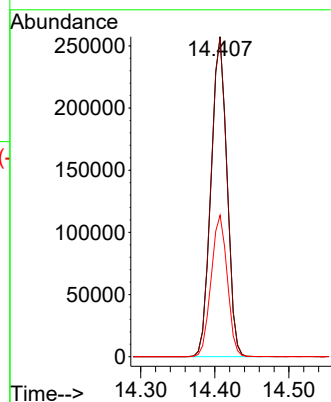
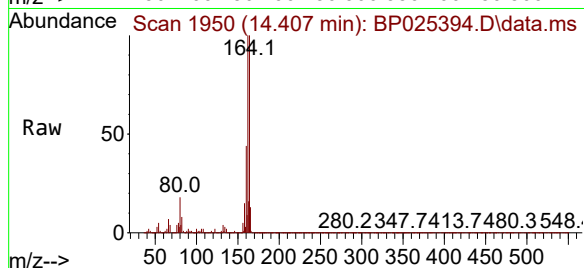
160 44.2 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.678 ng

RT: 12.590 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Tgt Ion:216 Resp: 107104

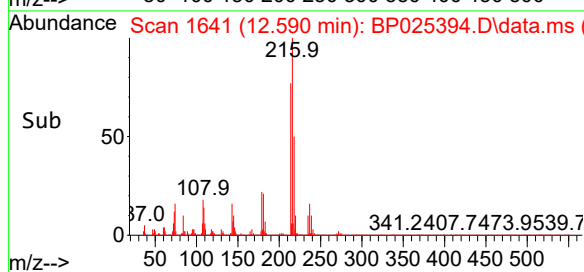
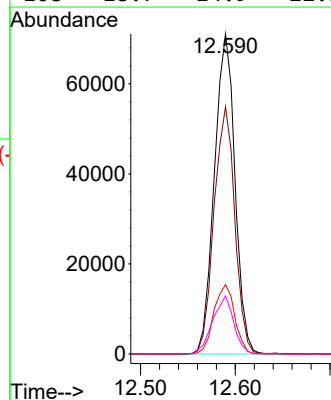
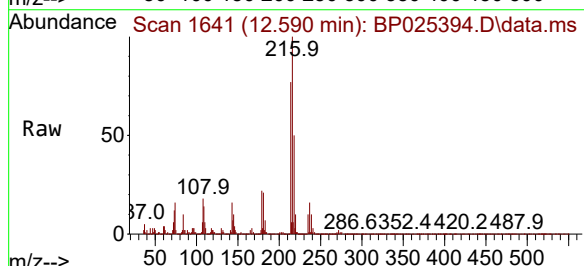
Ion Ratio Lower Upper

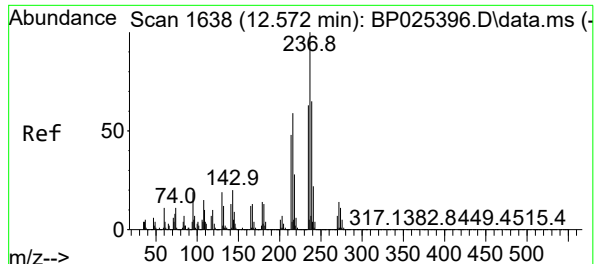
216 100

214 77.8 63.0 94.4

179 22.0 17.1 25.7

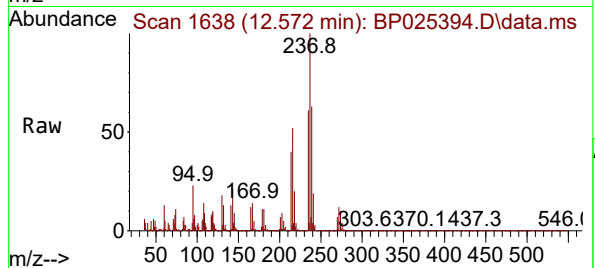
108 18.7 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 7.867 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

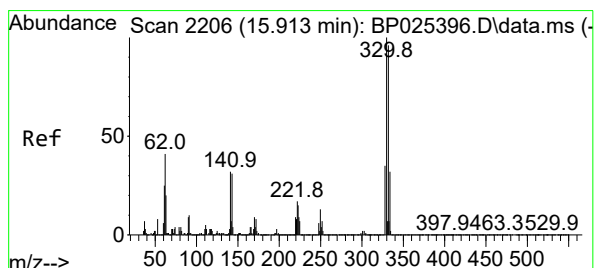
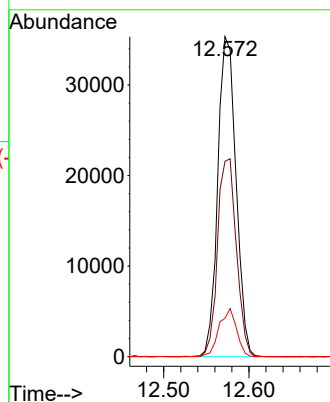
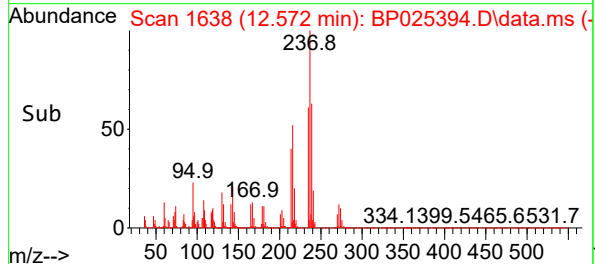
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 237 Resp: 52588
Ion Ratio Lower Upper
237 100
235 61.1 42.7 82.7
272 12.0 0.0 34.0

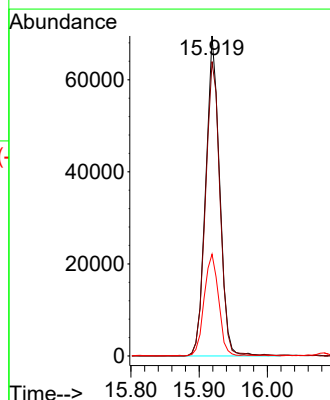
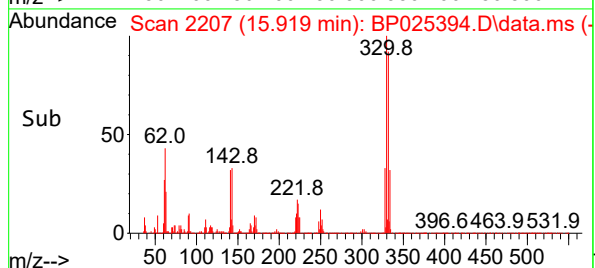
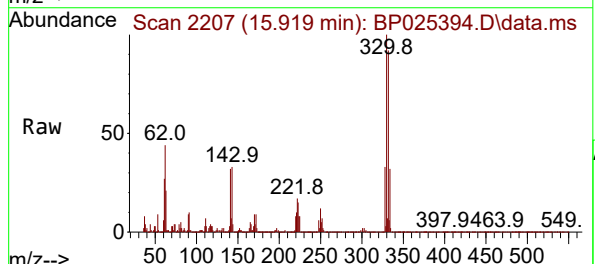
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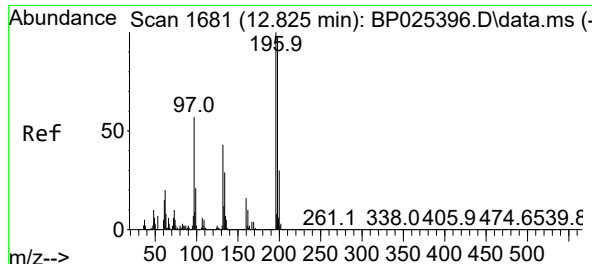
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#42
2,4,6-Tribromophenol
Concen: 19.210 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 330 Resp: 99083
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 33.1 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 9.339 ng

RT: 12.831 min Scan# 1681

Delta R.T. 0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:196 Resp: 69780

Ion Ratio Lower Upper

196 100

198 99.9 77.2 115.8

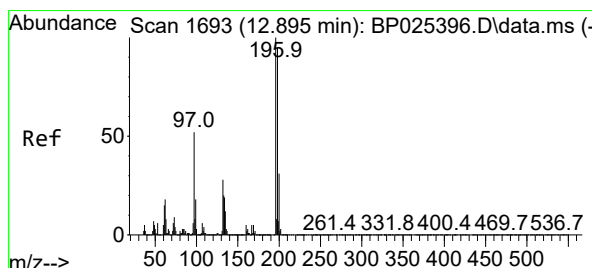
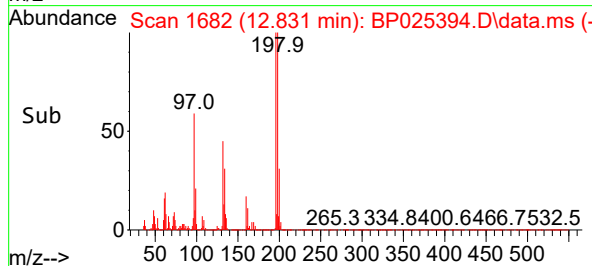
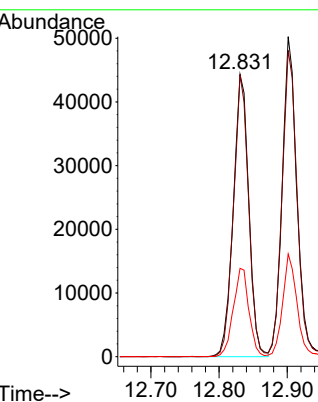
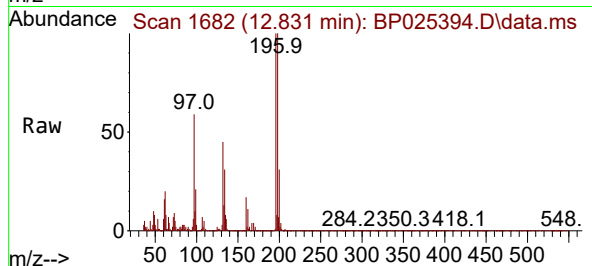
200 31.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#44

2,4,5-Trichlorophenol

Concen: 9.006 ng

RT: 12.901 min Scan# 1694

Delta R.T. 0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Tgt Ion:196 Resp: 73744

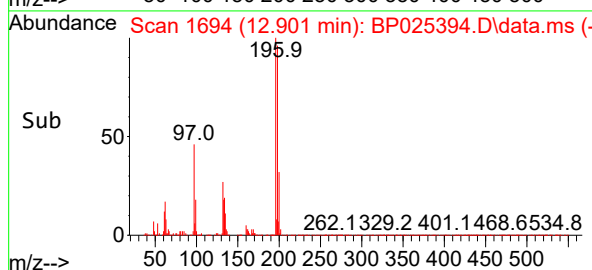
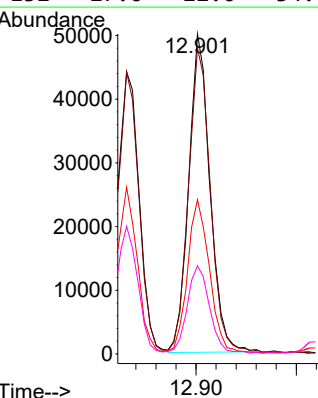
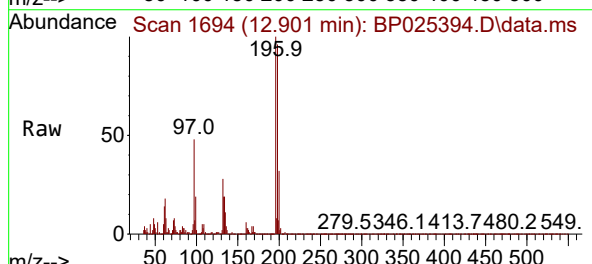
Ion Ratio Lower Upper

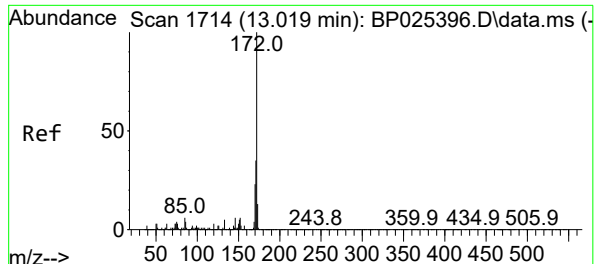
196 100

198 95.7 76.2 114.2

97 48.2 41.2 61.8

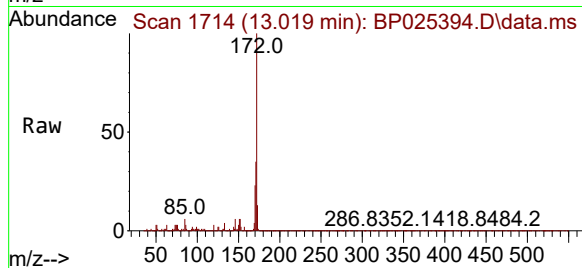
132 27.6 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 20.271 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

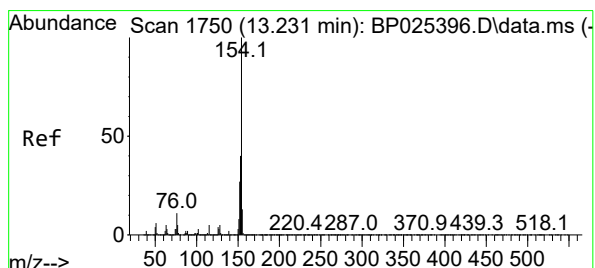
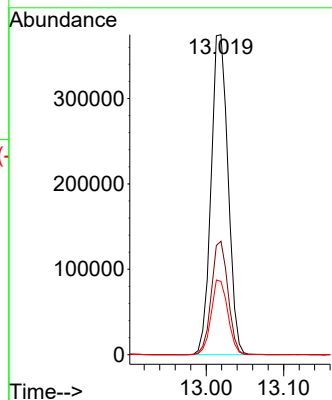
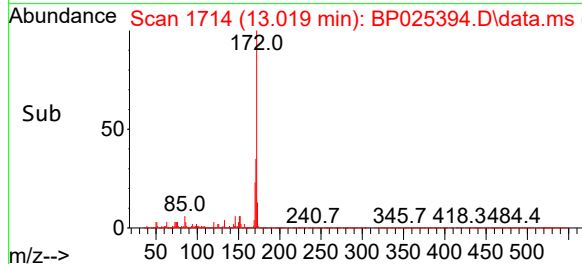
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



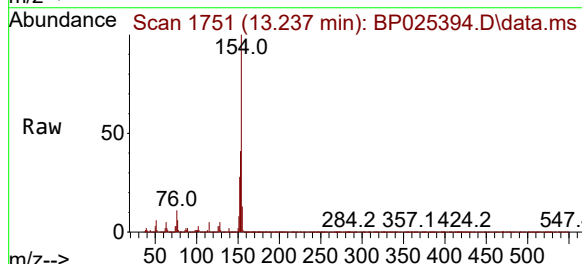
Tgt Ion:172 Resp: 568359
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 22.9 18.6 28.0

Manual Integrations
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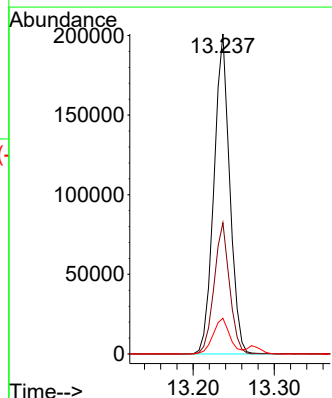
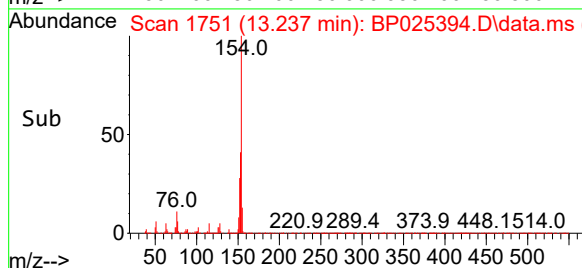
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

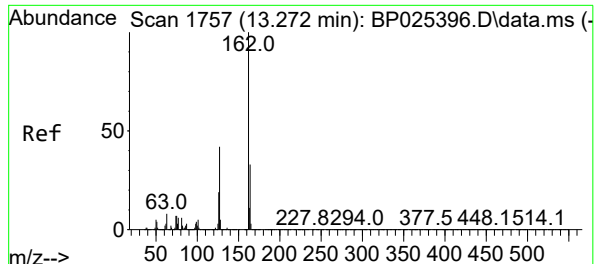


#46
1,1'-Biphenyl
Concen: 9.763 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56



Tgt Ion:154 Resp: 271710
Ion Ratio Lower Upper
154 100
153 41.0 19.5 59.5
76 11.2 0.0 31.1





#47

2-Chloronaphthalene

Concen: 9.666 ng

RT: 13.272 min Scan# 1757

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 209419

Ion Ratio Lower Upper

162 100

127 40.9 33.4 50.2

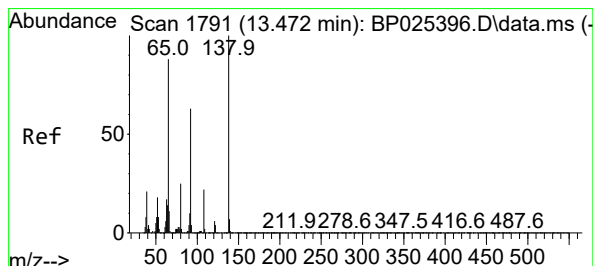
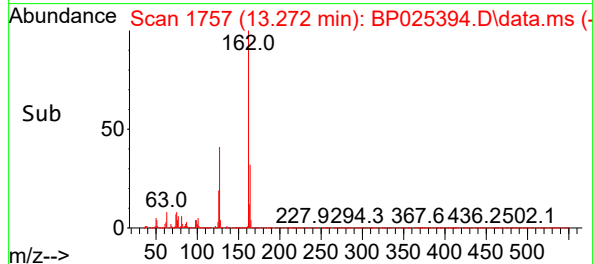
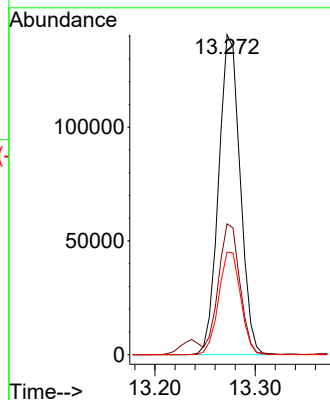
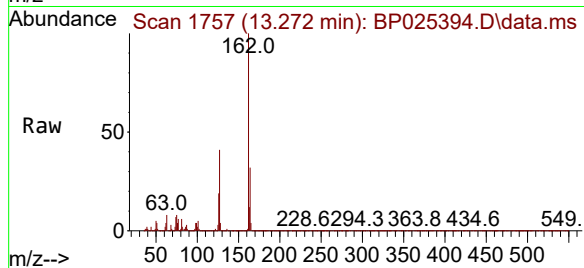
164 32.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#48

2-Nitroaniline

Concen: 9.287 ng

RT: 13.466 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

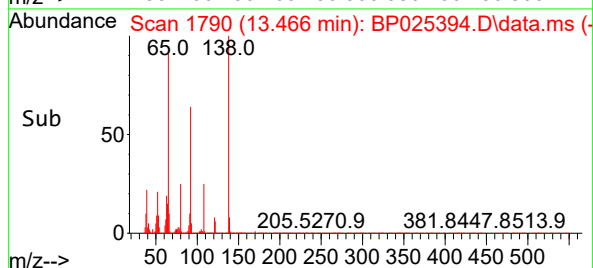
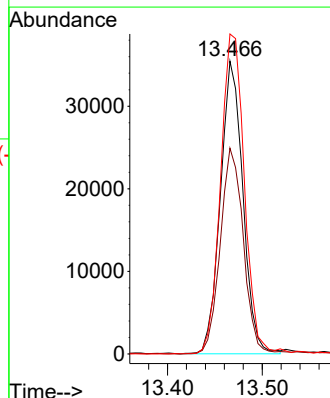
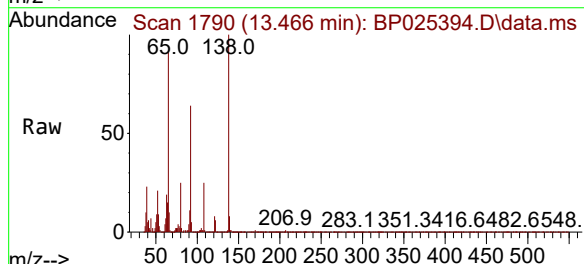
Tgt Ion: 65 Resp: 58630

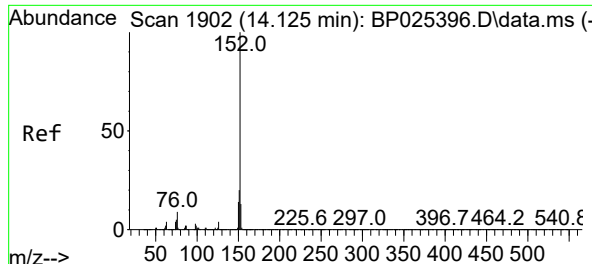
Ion Ratio Lower Upper

65 100

92 70.3 57.6 86.4

138 109.3 91.0 136.6





#49

Acenaphthylene

Concen: 9.652 ng

RT: 14.119 min Scan# 1902

Delta R.T. -0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

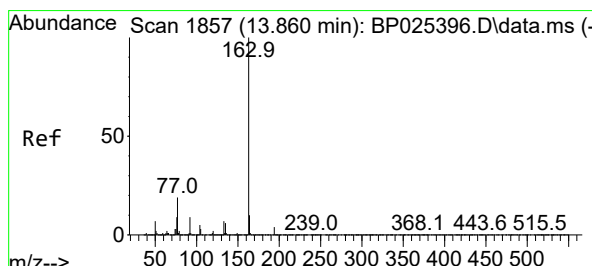
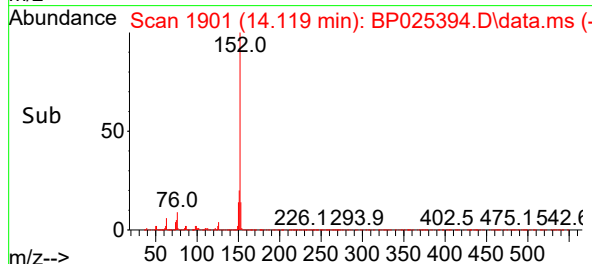
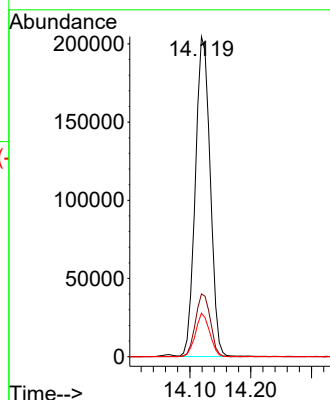
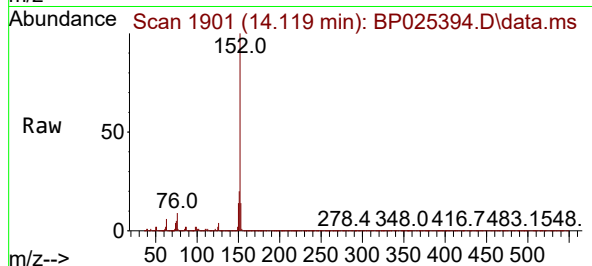
Tgt Ion:152	Resp: 34602
Ion Ratio	Lower Upper
152	100
151	19.6 16.0 24.0
153	13.6 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#50

Dimethylphthalate

Concen: 9.896 ng

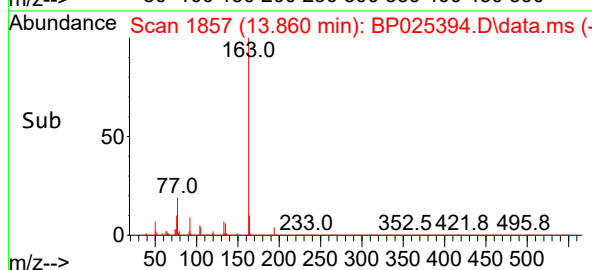
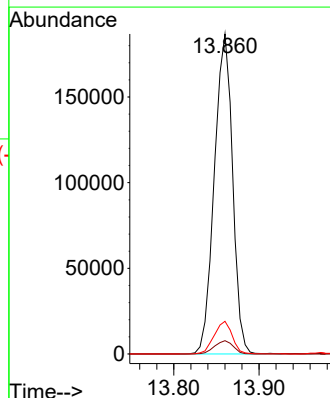
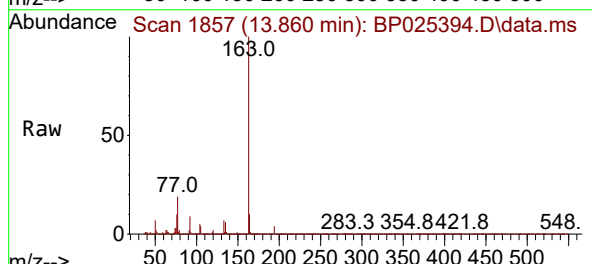
RT: 13.860 min Scan# 1857

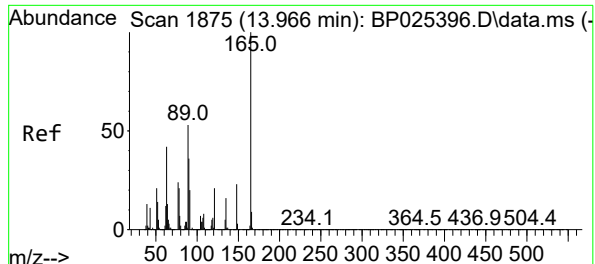
Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

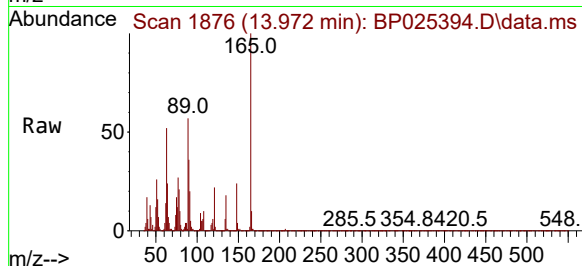
Tgt Ion:163	Resp: 277701
Ion Ratio	Lower Upper
163	100
194	4.2 3.4 5.0
164	10.2 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 9.292 ng
RT: 13.972 min Scan# 1875
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

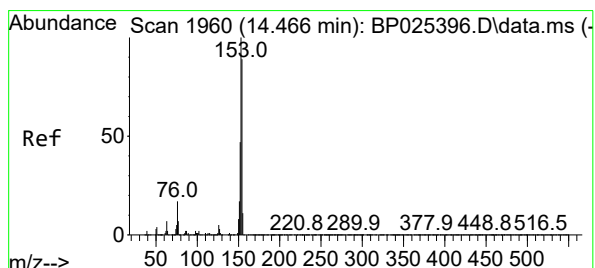
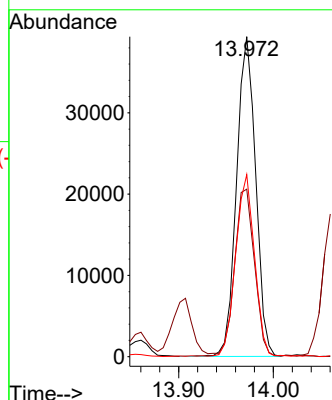
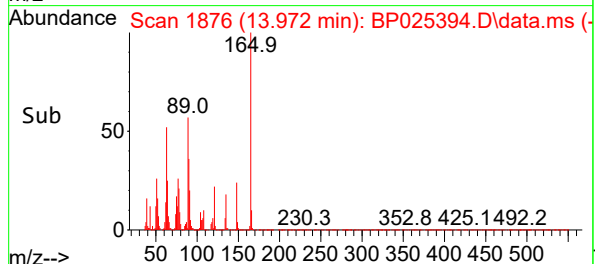
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 5495
Ion Ratio Lower Upper
165 100
63 52.3 40.9 61.3
89 56.9 42.1 63.1

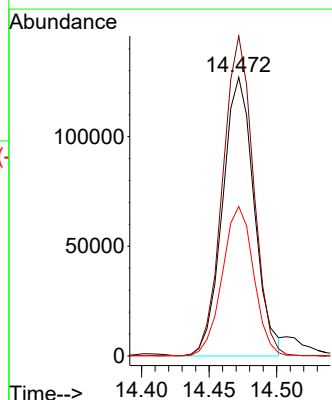
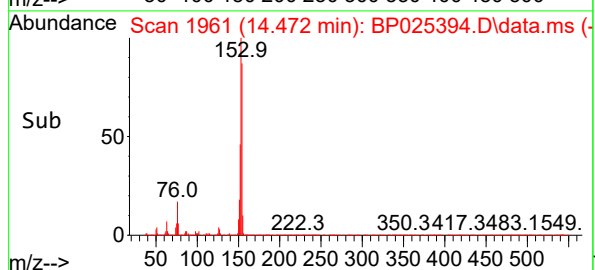
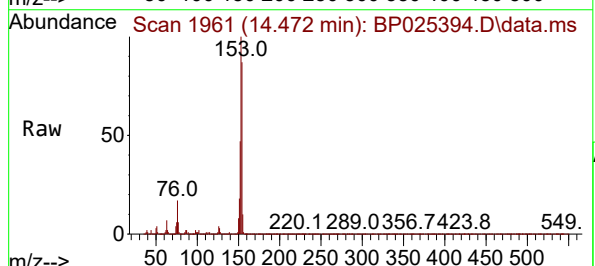
Manual Integrations
APPROVED

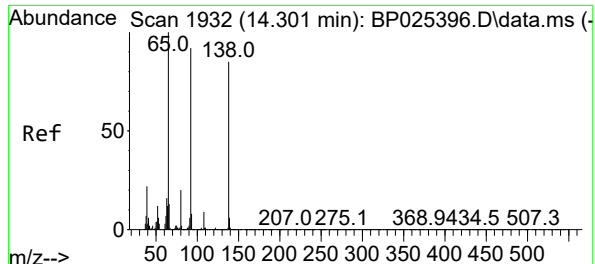
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#52
Acenaphthene
Concen: 9.848 ng m
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

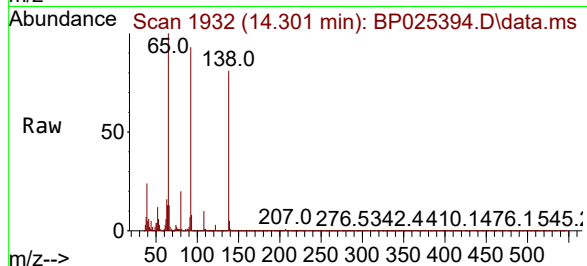
Tgt Ion:154 Resp: 207239
Ion Ratio Lower Upper
154 100
153 114.8 90.2 135.2
152 53.6 42.1 63.1





#53
3-Nitroaniline
Concen: 9.466 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

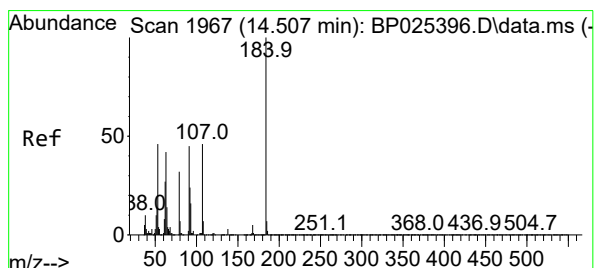
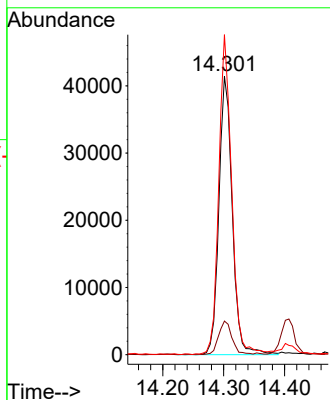
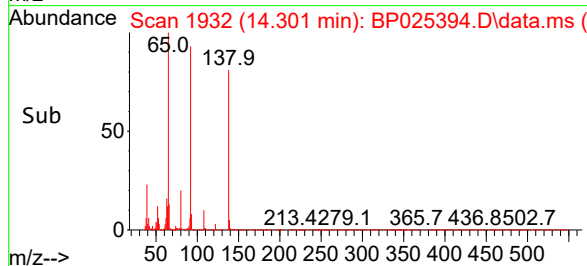
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:138 Resp: 6299
Ion Ratio Lower Upper
138 100
108 12.1 8.3 12.5
92 114.9 86.2 129.2

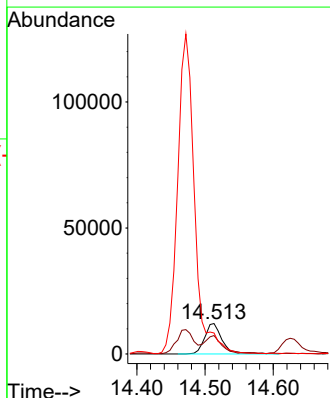
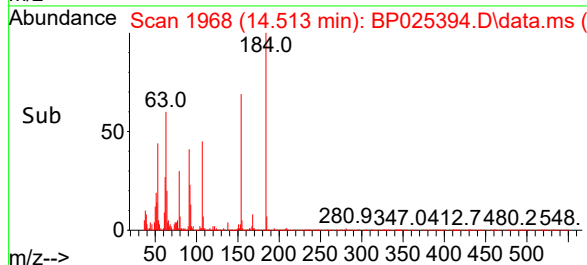
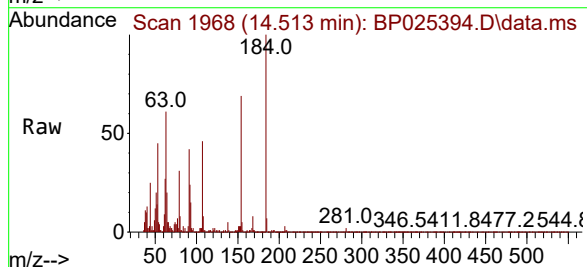
Manual Integrations
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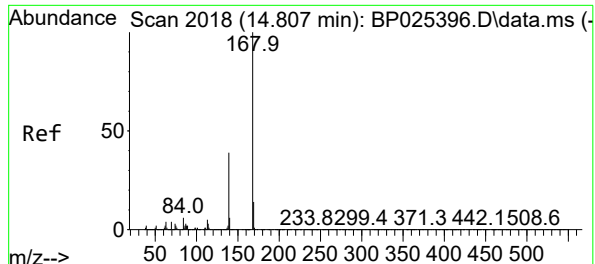
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#54
2,4-Dinitrophenol
Concen: 6.886 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

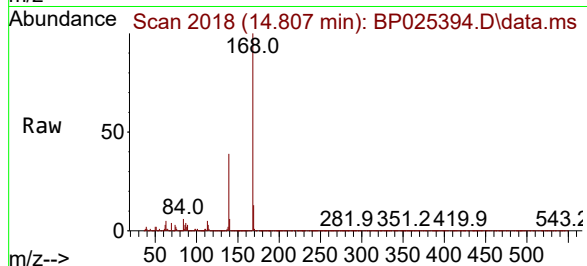
Tgt Ion:184 Resp: 21748
Ion Ratio Lower Upper
184 100
63 60.8 49.4 74.2
154 69.1 54.6 82.0





#55
Dibenzenofuran
Concen: 9.851 ng
RT: 14.807 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

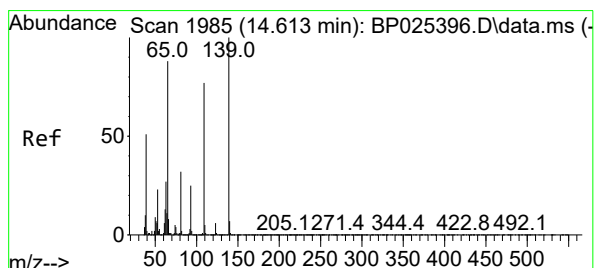
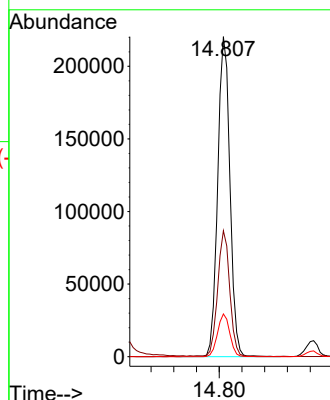
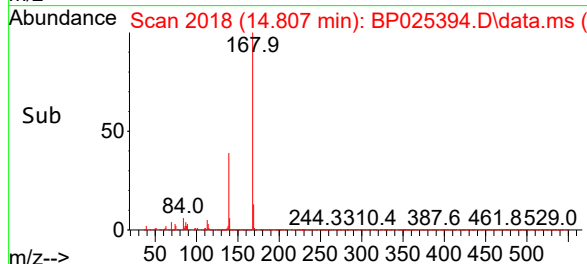
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



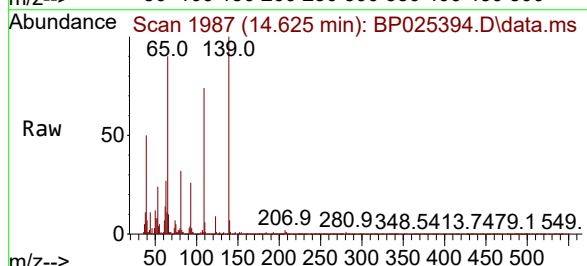
Tgt Ion:168 Resp: 327734
Ion Ratio Lower Upper
168 100
139 39.3 31.5 47.3
169 13.4 10.9 16.3

Manual Integrations
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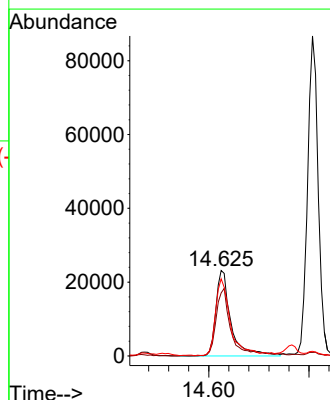
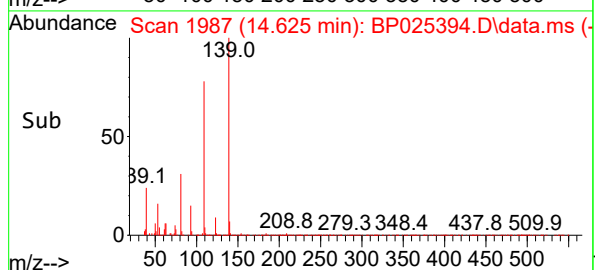
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

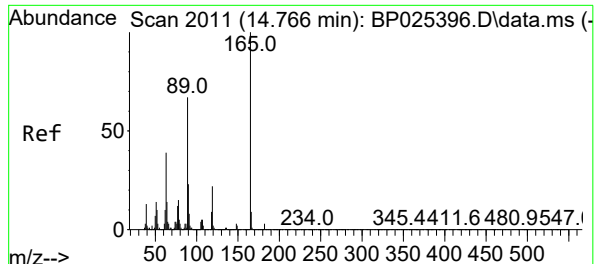


#56
4-Nitrophenol
Concen: 8.797 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56



Tgt Ion:139 Resp: 48103
Ion Ratio Lower Upper
139 100
109 73.8 56.6 96.6
65 90.2 68.2 108.2





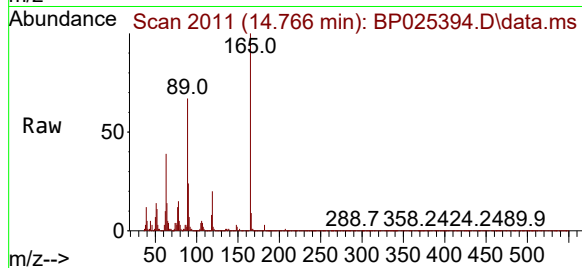
#57
2,4-Dinitrotoluene
Concen: 9.237 ng
RT: 14.766 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

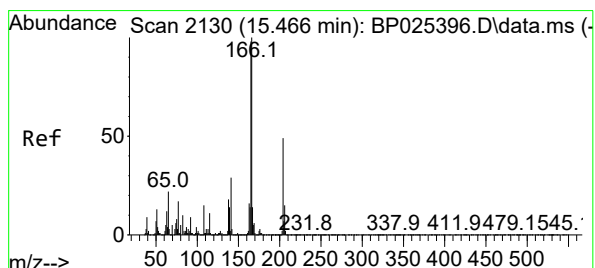
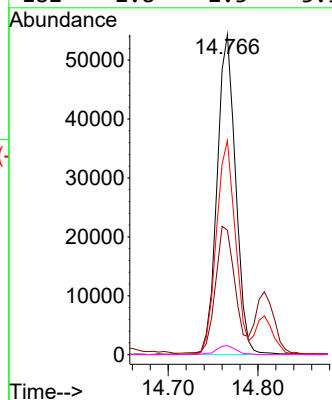
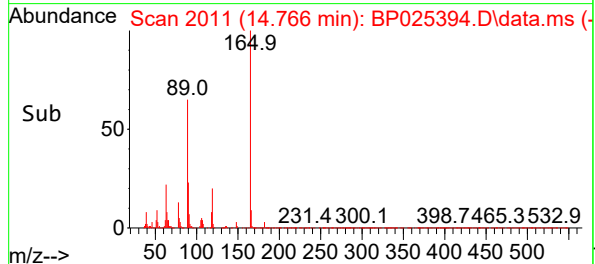


Tgt Ion:165 Resp: 77950
Ion Ratio Lower Upper
165 100
63 38.9 31.4 47.2
89 66.9 53.3 79.9
182 2.8 2.3 3.5

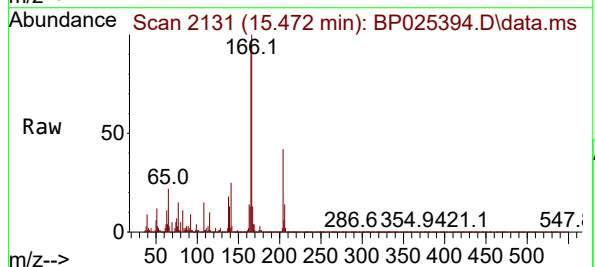
Manual Integrations

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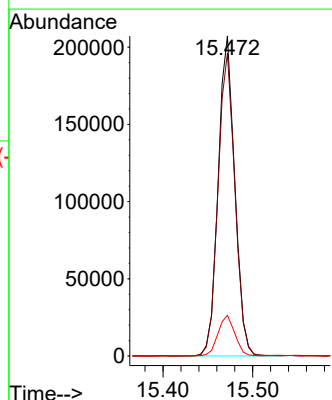
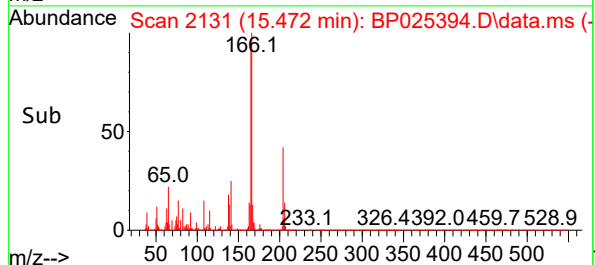
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

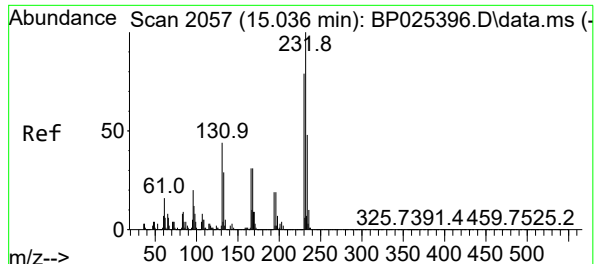


#58
Fluorene
Concen: 10.156 ng
RT: 15.472 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56



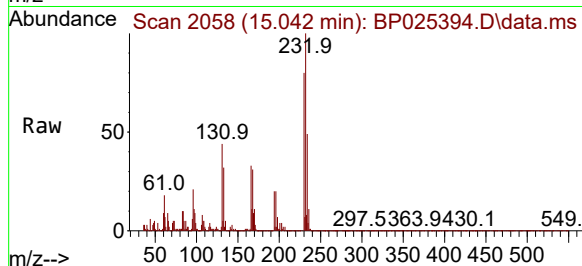
Tgt Ion:166 Resp: 266610
Ion Ratio Lower Upper
166 100
165 94.6 78.8 118.2
167 12.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.533 ng
RT: 15.042 min Scan# 2058
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

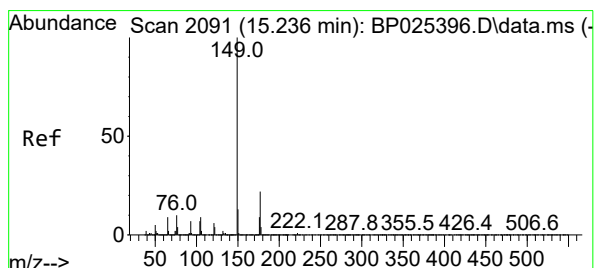
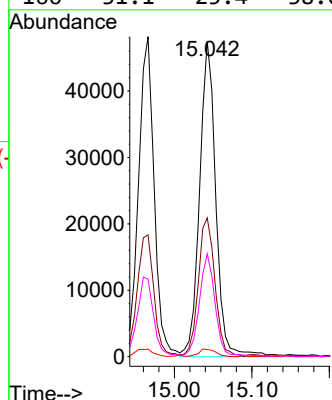
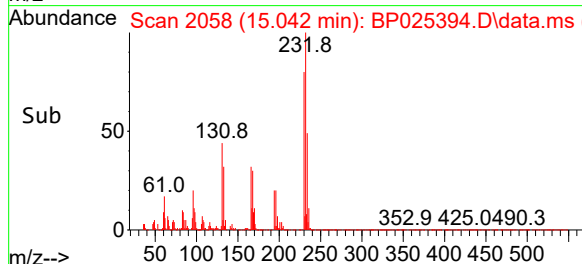
Instrument :
BNA_P
Client Sample Id :
SSTDICC010



Tgt Ion: 232 Resp: 6893
Ion Ratio Lower Upper
232 100
131 45.2 37.0 55.6
130 2.5 1.9 2.9
166 31.1 25.4 38.0

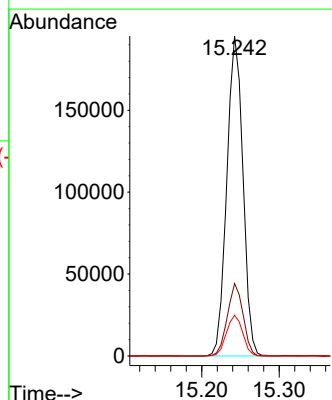
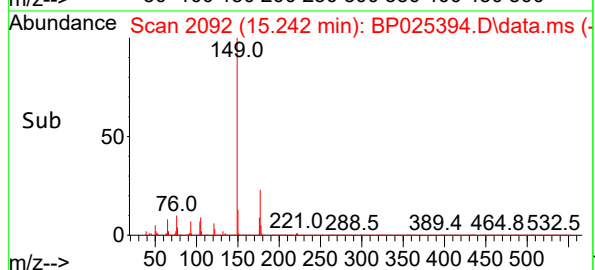
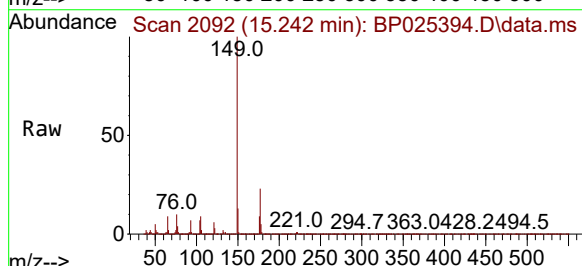
Manual Integrations
APPROVED

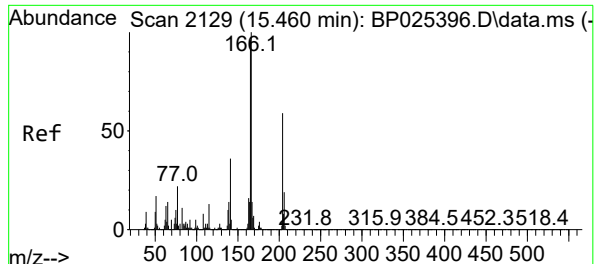
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#60
Diethylphthalate
Concen: 9.909 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 149 Resp: 282526
Ion Ratio Lower Upper
149 100
177 22.7 17.3 25.9
150 12.8 10.3 15.5





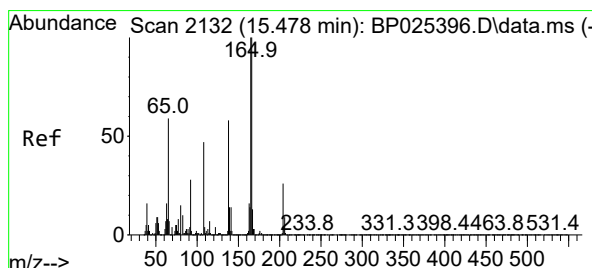
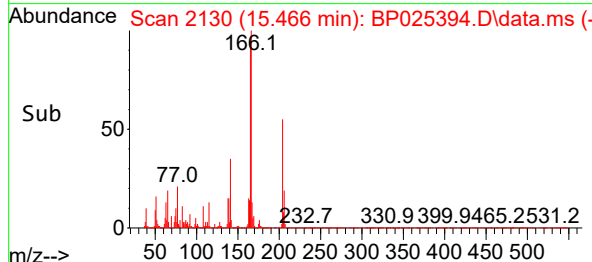
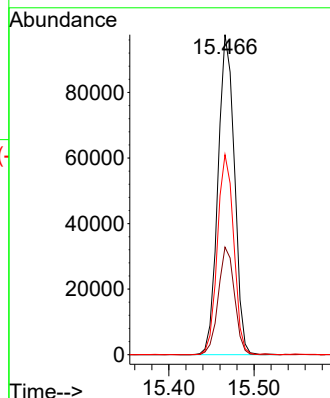
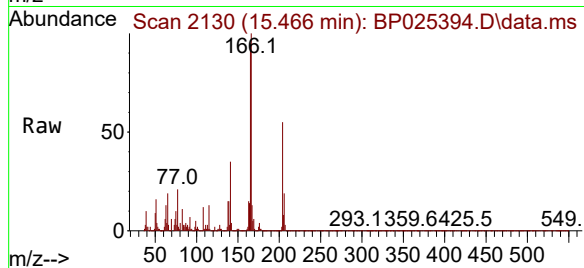
#61
4-Chlorophenyl-phenylether
Concen: 10.044 ng
RT: 15.466 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 13113
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.8
141 62.5 49.4 74.2

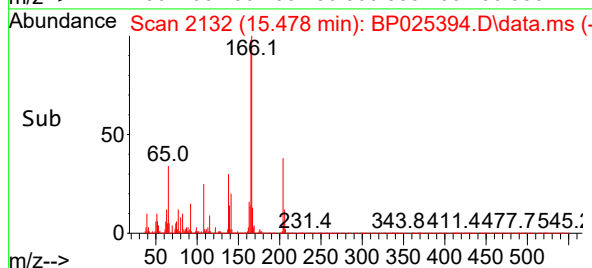
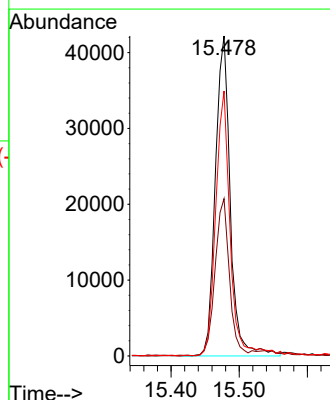
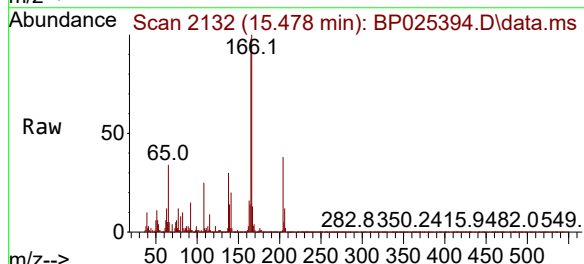
Manual Integrations
APPROVED

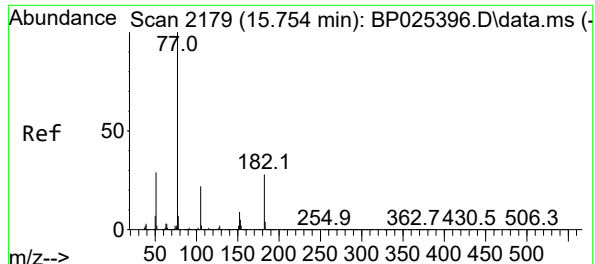
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#62
4-Nitroaniline
Concen: 9.437 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

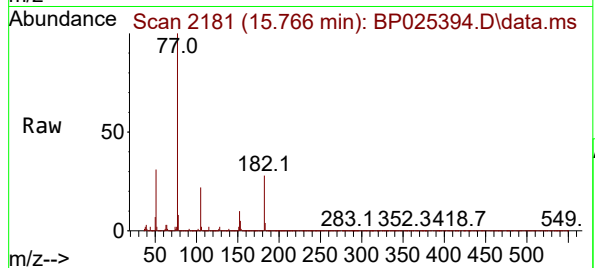
Tgt Ion:138 Resp: 64375
Ion Ratio Lower Upper
138 100
92 49.1 29.1 69.1
108 82.8 61.5 101.5





#63
Azobenzene
Concen: 9.620 ng
RT: 15.766 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

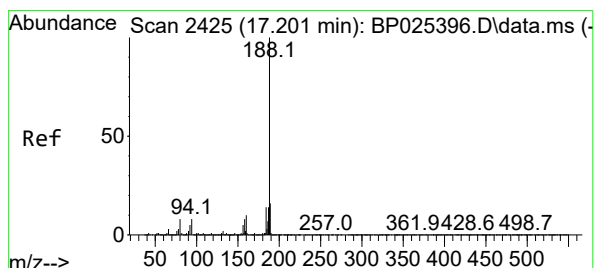
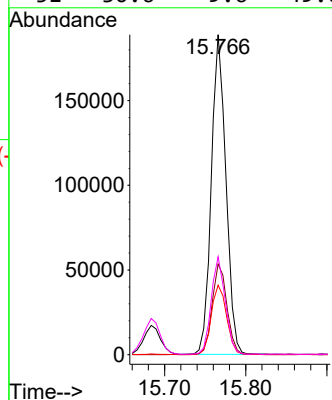
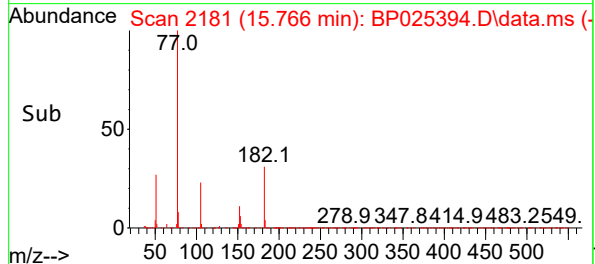
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 234879
Ion Ratio Lower Upper
77 100
182 28.3 7.5 47.5
105 21.7 2.1 42.1
51 30.6 9.6 49.6

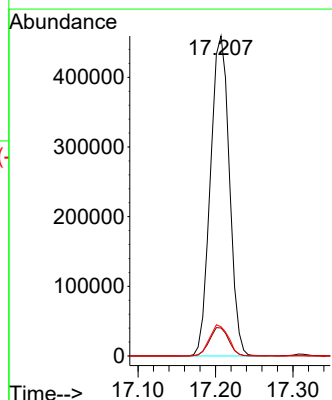
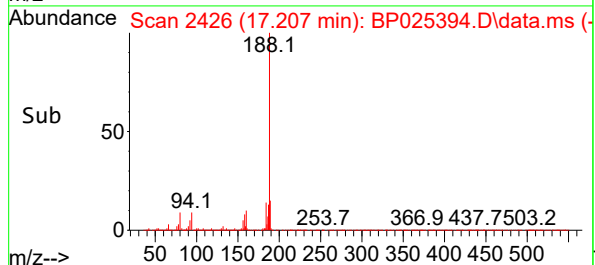
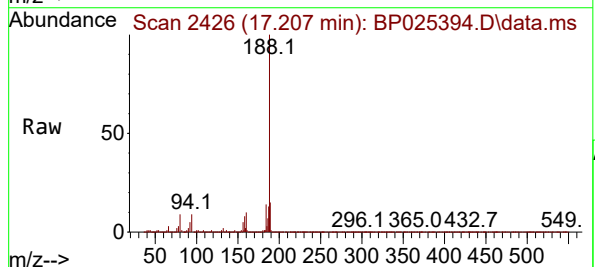
Manual Integrations
APPROVED

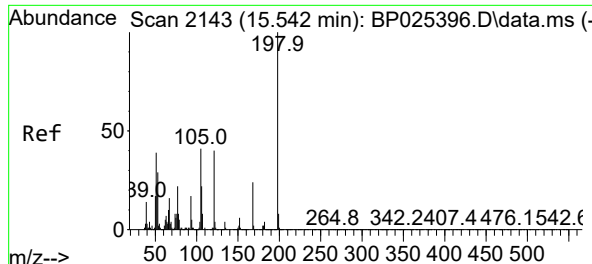
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:188 Resp: 780940
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.1 6.7 10.1





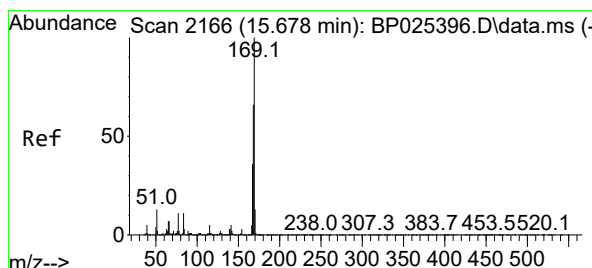
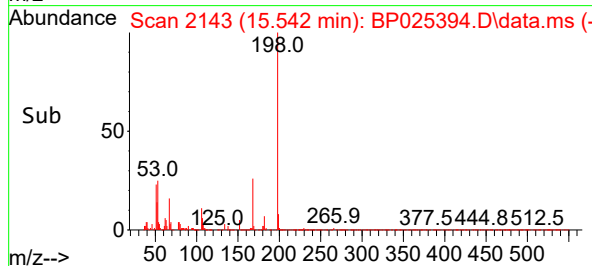
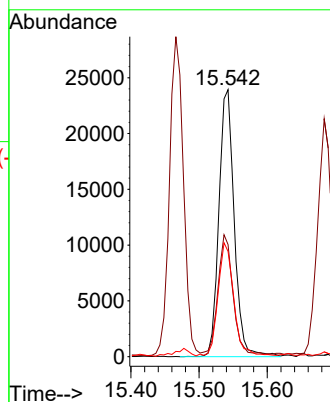
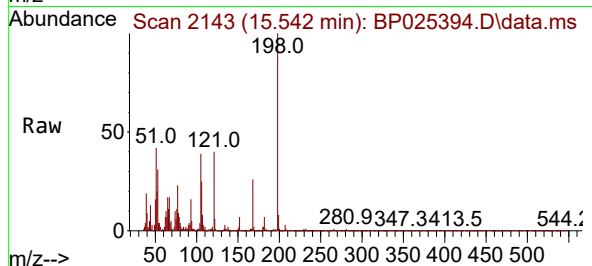
#65
4,6-Dinitro-2-methylphenol
Concen: 7.679 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 37380
Ion Ratio Lower Upper
198 100
51 42.0 19.6 59.6
105 39.4 20.9 60.9

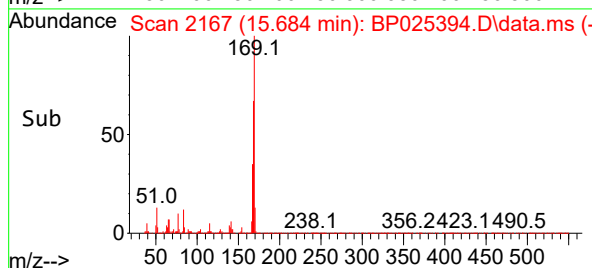
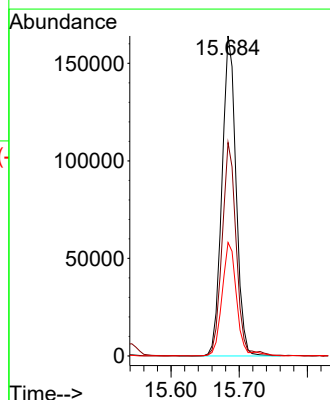
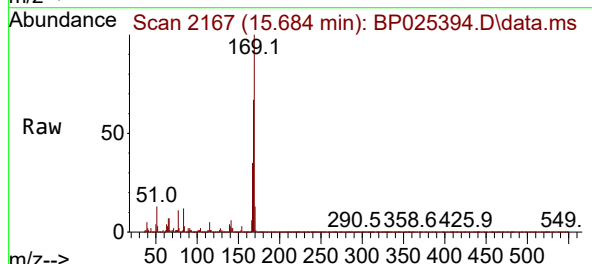
Manual Integrations
APPROVED

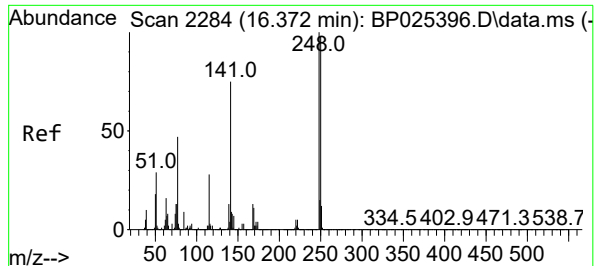
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 9.883 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

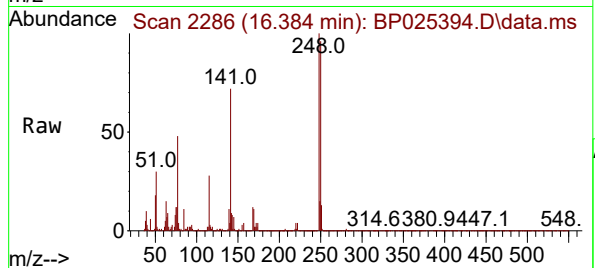
Tgt Ion:169 Resp: 235344
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 35.5 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 9.358 ng
RT: 16.384 min Scan# 210
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

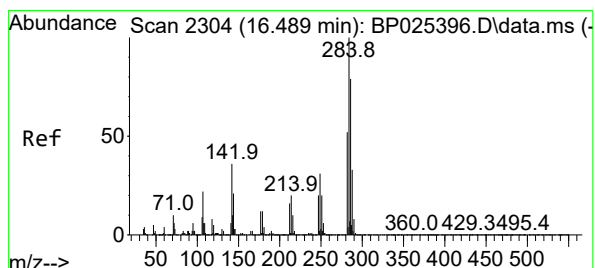
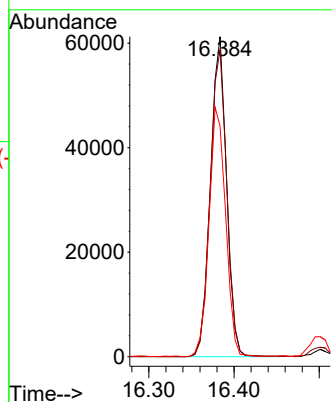
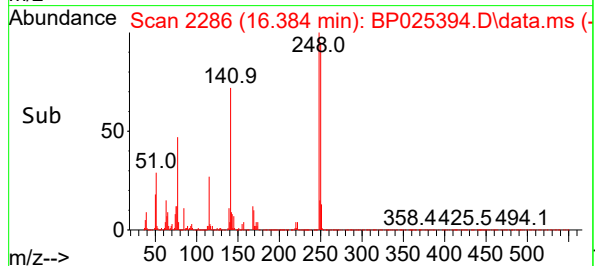
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 248 Resp: 8037
Ion Ratio Lower Upper
248 100
250 95.9 78.2 117.2
141 72.1 59.6 89.4

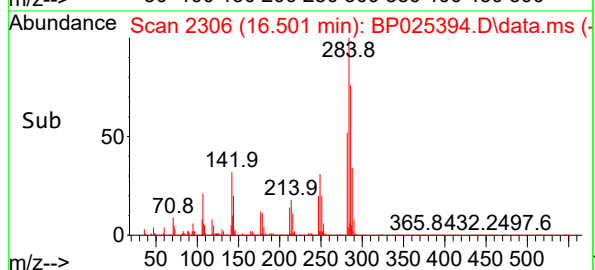
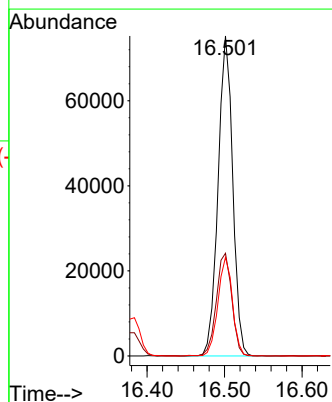
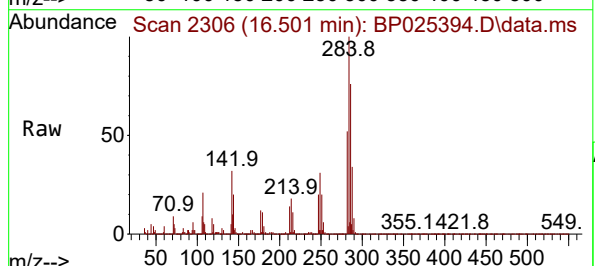
Manual Integrations
APPROVED

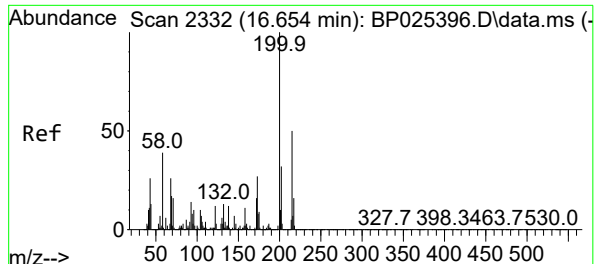
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#68
Hexachlorobenzene
Concen: 9.905 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

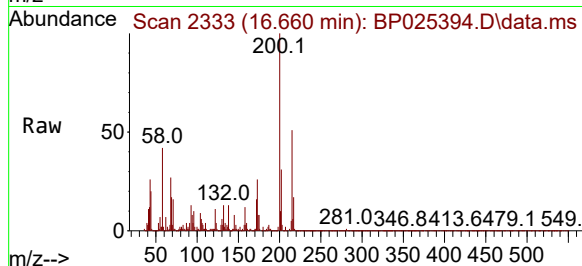
Tgt Ion: 284 Resp: 98614
Ion Ratio Lower Upper
284 100
142 32.1 29.1 43.7
249 30.8 25.0 37.4





#69
Atrazine
Concen: 9.894 ng
RT: 16.660 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

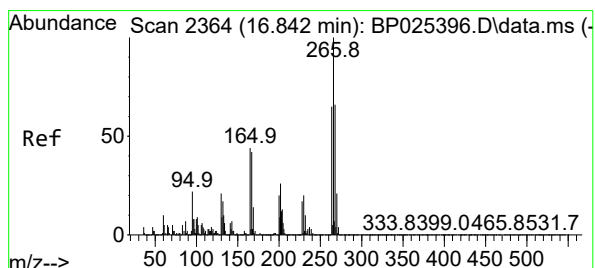
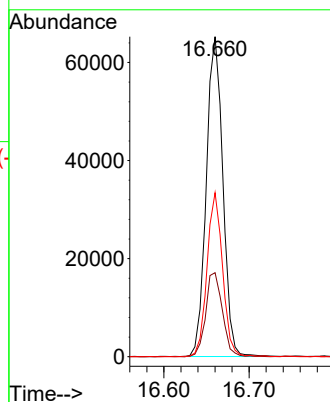
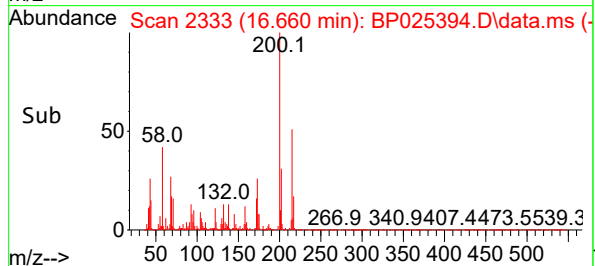
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:200 Resp: 88240
Ion Ratio Lower Upper
200 100
173 26.2 6.7 46.7
215 51.3 29.7 69.7

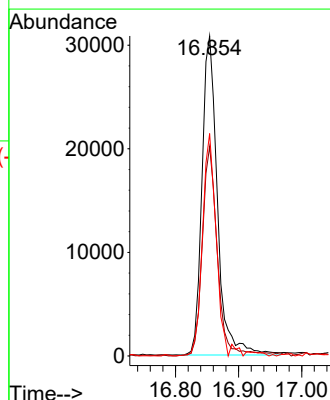
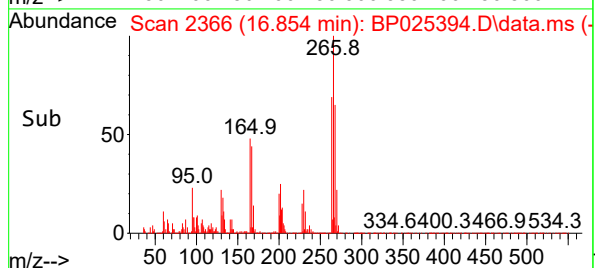
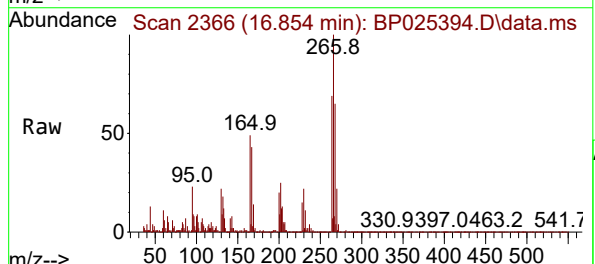
Manual Integrations
APPROVED

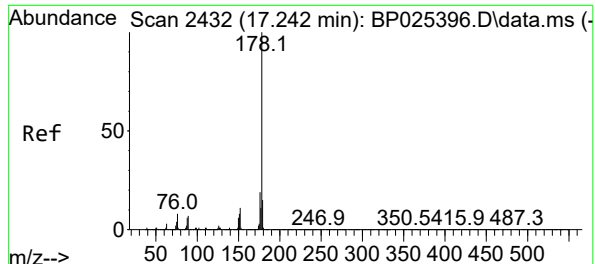
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#70
Pentachlorophenol
Concen: 8.360 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

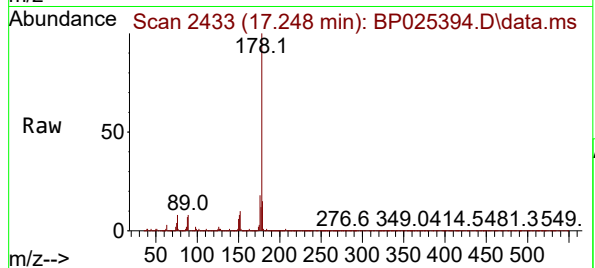
Tgt Ion:266 Resp: 52539
Ion Ratio Lower Upper
266 100
268 65.4 52.6 79.0
264 69.5 52.0 78.0





#71
Phenanthrene
Concen: 10.018 ng
RT: 17.248 min Scan# 2432
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

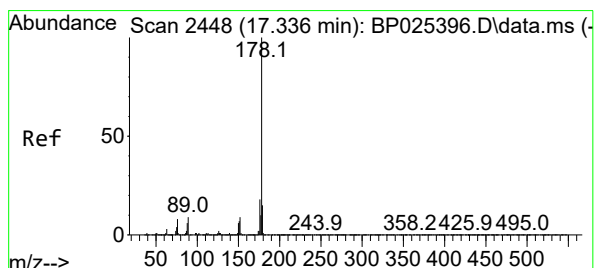
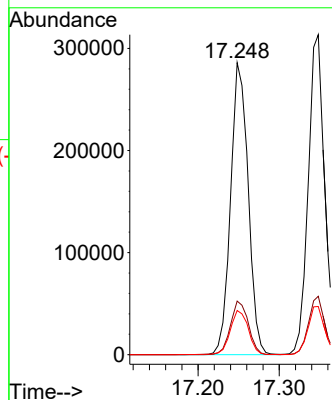
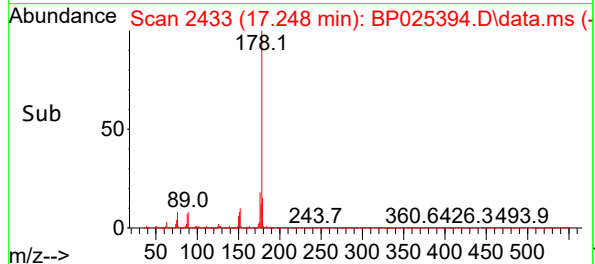
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:178 Resp: 429752
Ion Ratio Lower Upper
178 100
176 18.4 15.5 23.3
179 15.1 12.2 18.4

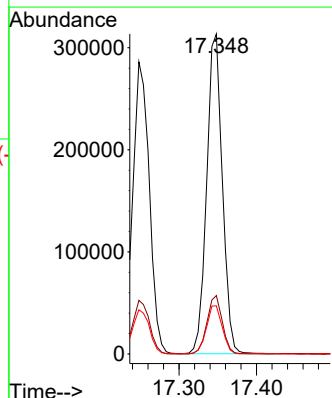
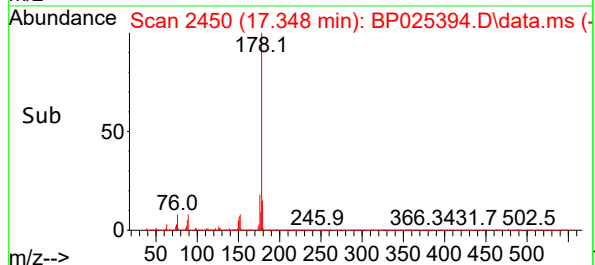
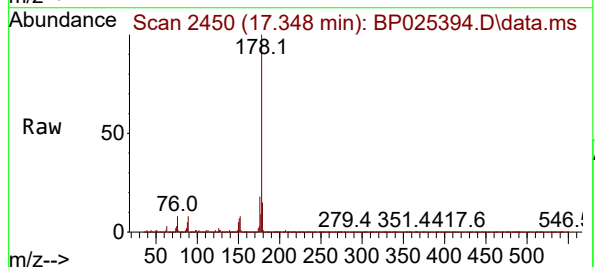
Manual Integrations
APPROVED

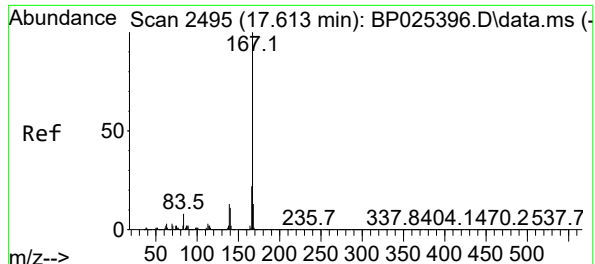
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 10.020 ng
RT: 17.348 min Scan# 2450
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

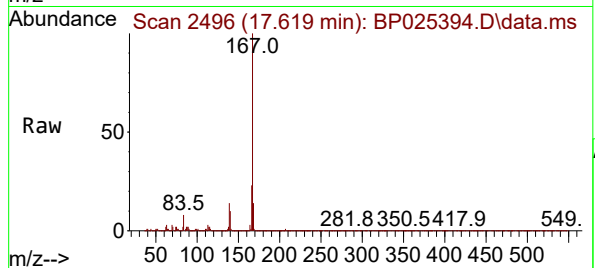
Tgt Ion:178 Resp: 438953
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.1 12.2 18.2





#73
Carbazole
Concen: 9.954 ng
RT: 17.619 min Scan# 2495
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

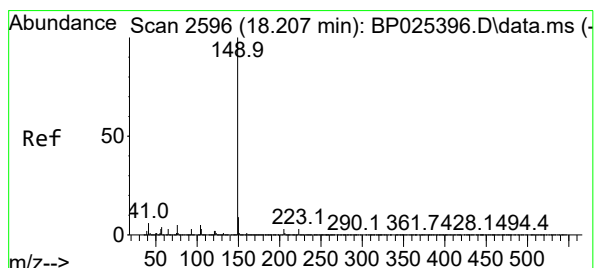
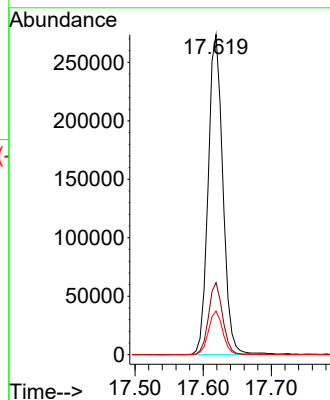
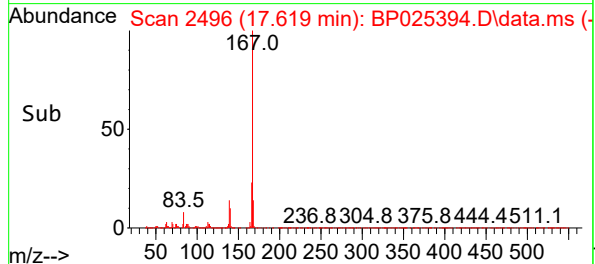
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 410720
Ion Ratio Lower Upper
167 100
166 22.5 17.5 26.3
139 13.6 10.6 16.0

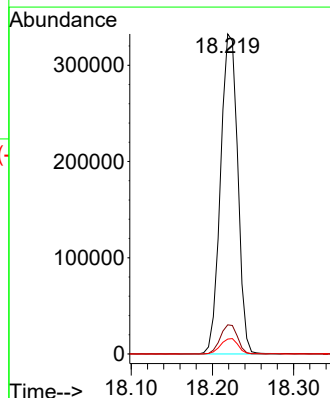
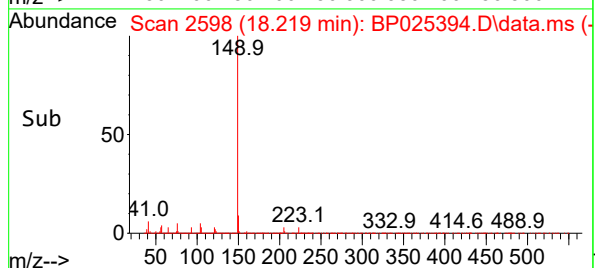
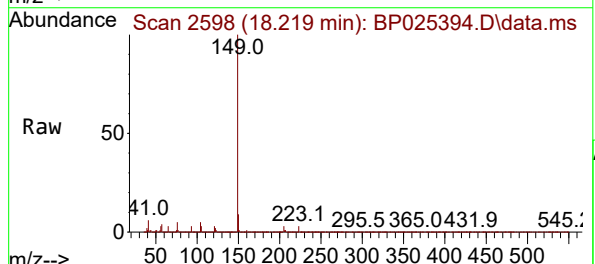
Manual Integrations
APPROVED

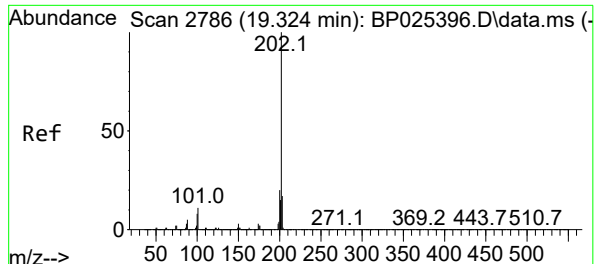
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#74
Di-n-butylphthalate
Concen: 9.656 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

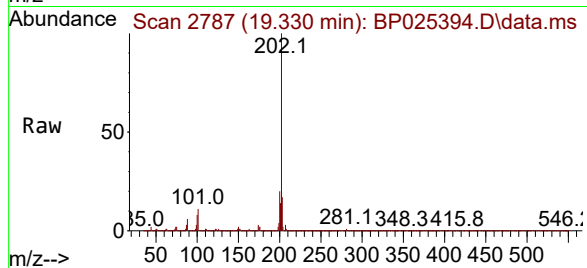
Tgt Ion:149 Resp: 490232
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.7 4.2 6.2





#75
Fluoranthene
Concen: 10.094 ng
RT: 19.330 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

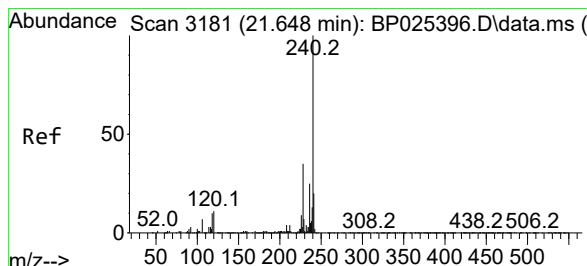
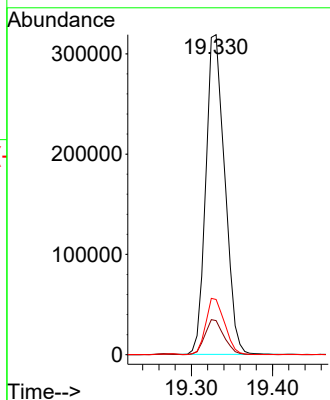
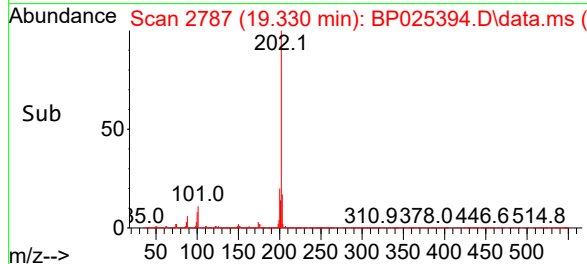
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 51652
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.1
203 17.2 0.0 37.3

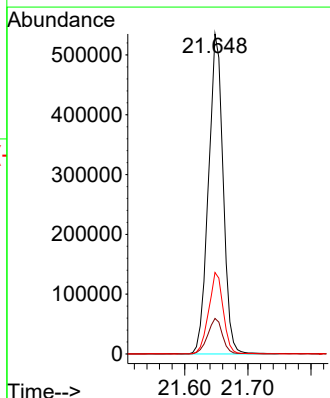
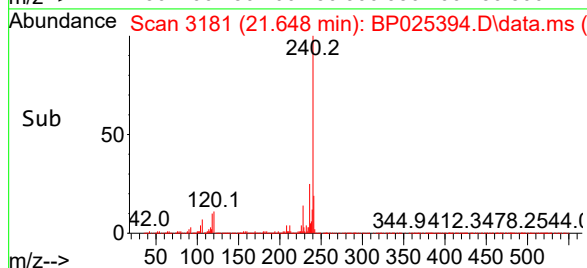
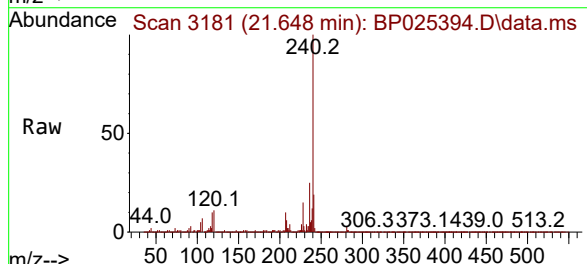
Manual Integrations
APPROVED

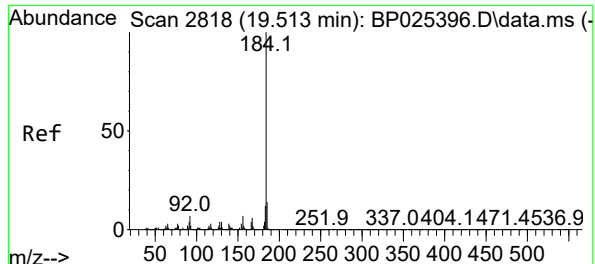
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

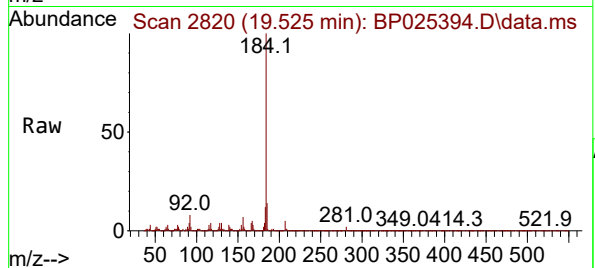
Tgt Ion:240 Resp: 860386
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.5 19.8 29.8





#77
Benzidine
Concen: 9.406 ng
RT: 19.525 min Scan# 2819
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

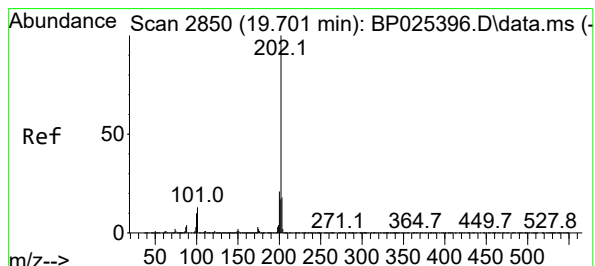
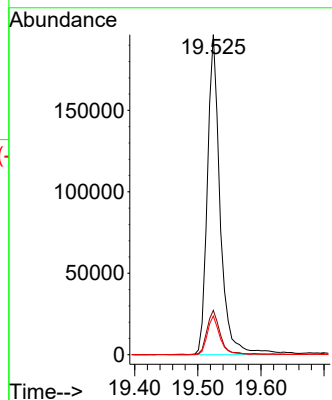
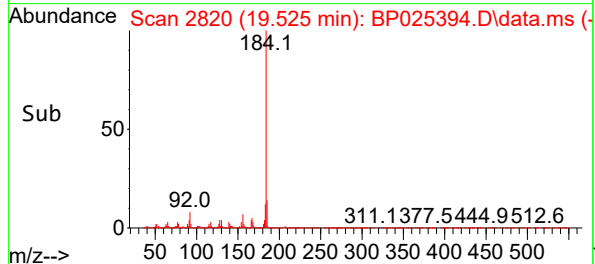
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:184 Resp: 27619
Ion Ratio Lower Upper
184 100
185 13.8 11.5 17.3
183 12.1 9.4 14.2

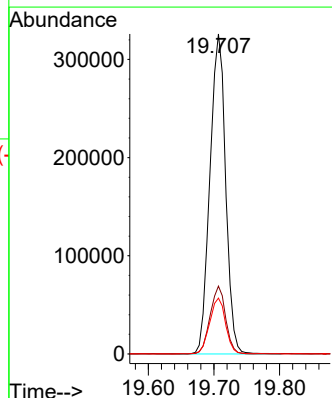
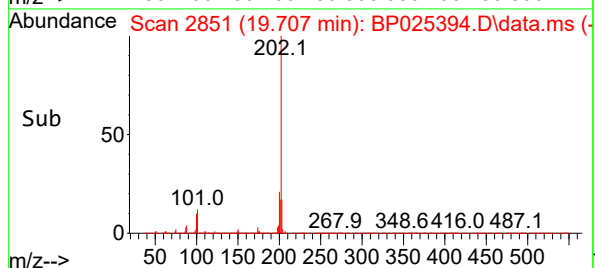
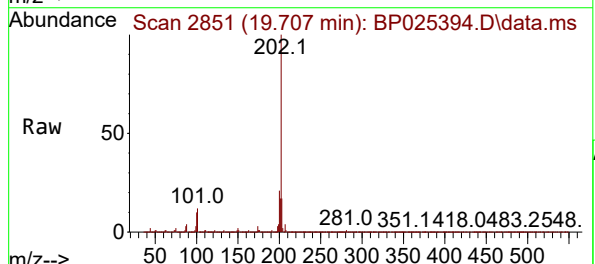
Manual Integrations
APPROVED

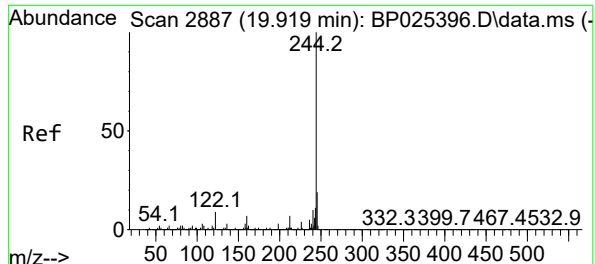
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 9.704 ng
RT: 19.707 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

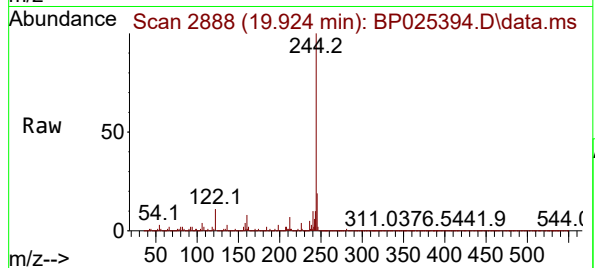
Tgt Ion:202 Resp: 542670
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.5 14.2 21.2





#79
Terphenyl-d14
Concen: 20.125 ng
RT: 19.924 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

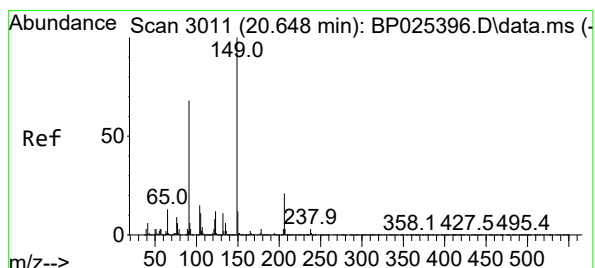
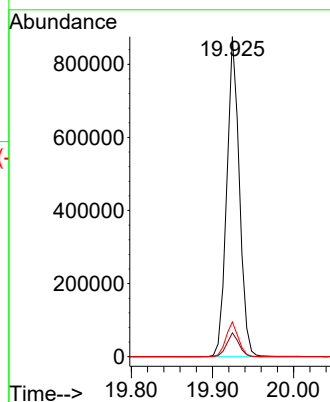
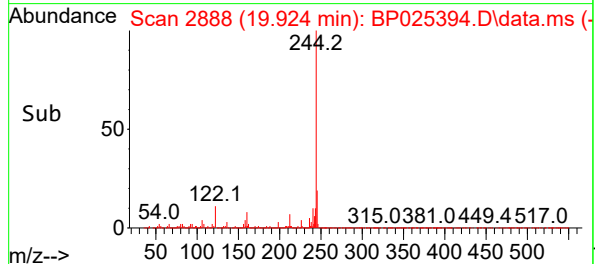
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:244 Resp: 94642
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 10.9 7.4 11.2

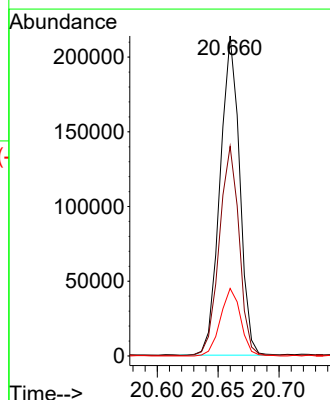
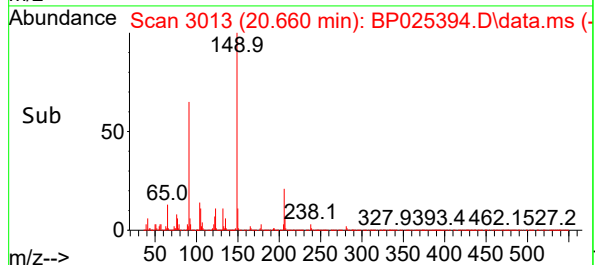
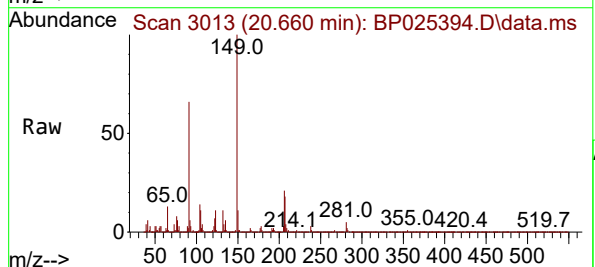
Manual Integrations
APPROVED

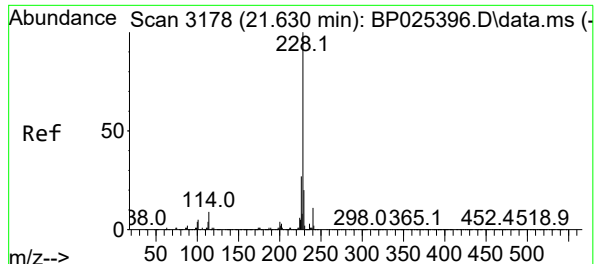
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#80
Butylbenzylphthalate
Concen: 9.446 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

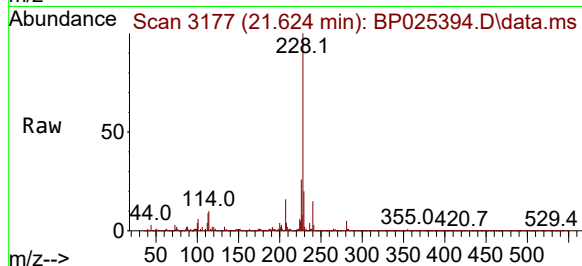
Tgt Ion:149 Resp: 239416
Ion Ratio Lower Upper
149 100
91 65.5 54.2 81.2
206 21.1 16.6 24.8





#81
Benzo(a)anthracene
Concen: 9.874 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

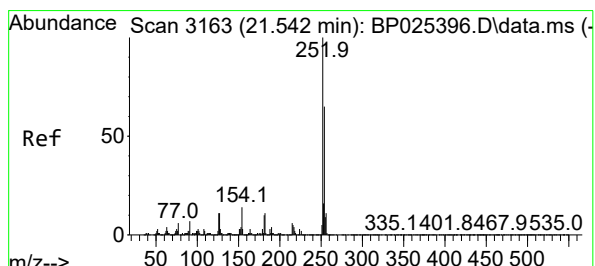
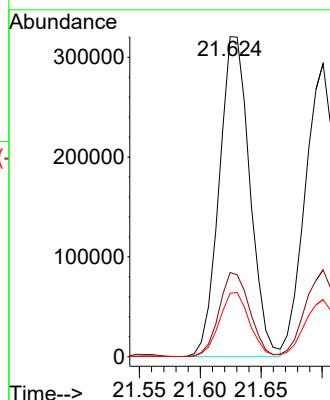
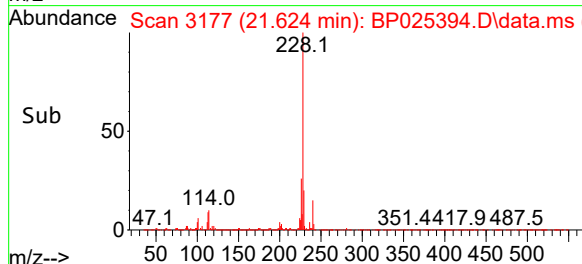
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



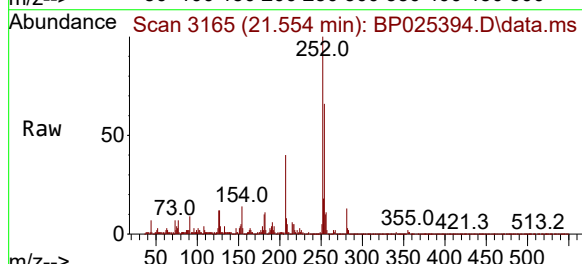
Tgt Ion:228 Resp: 560279
Ion Ratio Lower Upper
228 100
226 26.3 21.7 32.5
229 19.8 15.6 23.4

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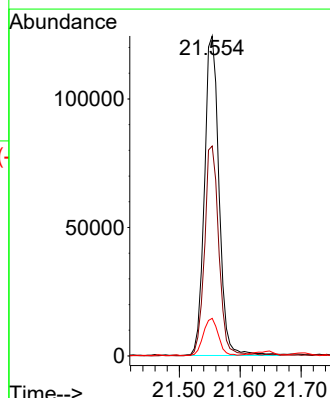
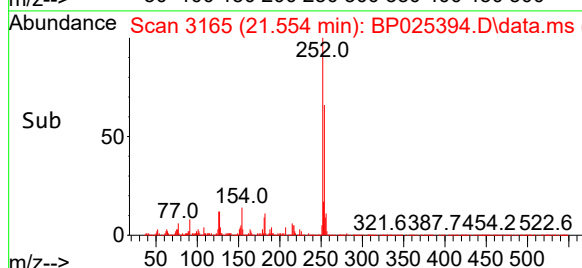
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

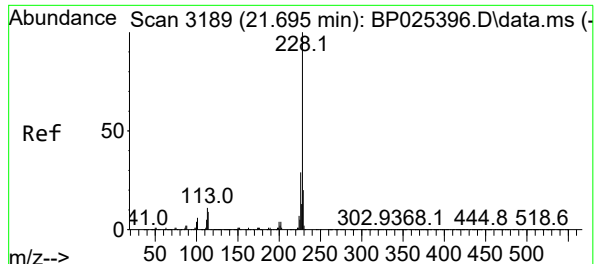


#82
3,3'-Dichlorobenzidine
Concen: 9.686 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56



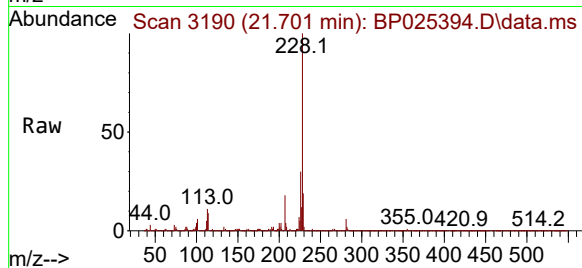
Tgt Ion:252 Resp: 207153
Ion Ratio Lower Upper
252 100
254 65.6 51.8 77.6
126 11.7 9.1 13.7





#83
Chrysene
Concen: 9.831 ng
RT: 21.701 min Scan# 3189
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

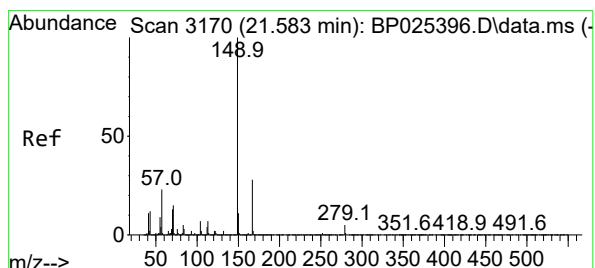
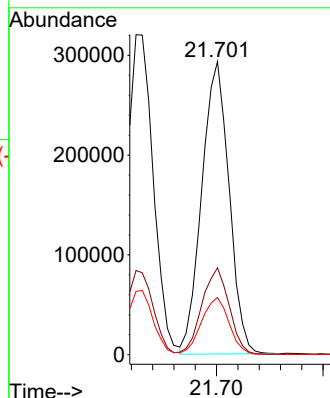
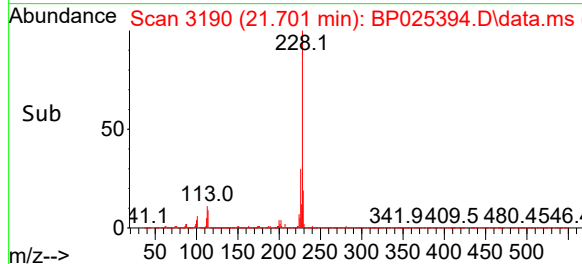
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 52241
Ion Ratio Lower Upper
228 100
226 29.6 23.2 34.8
229 19.5 15.6 23.4

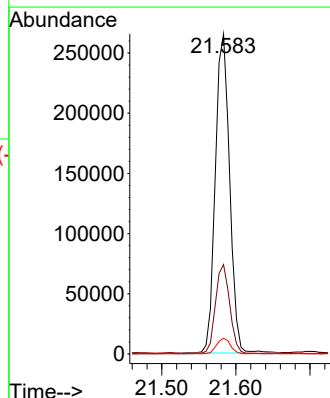
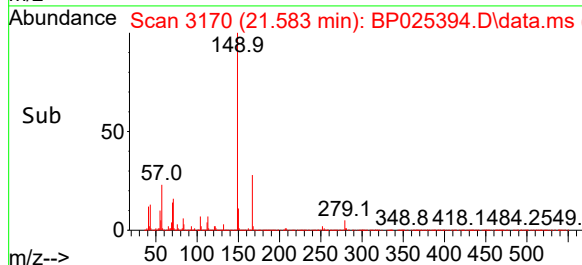
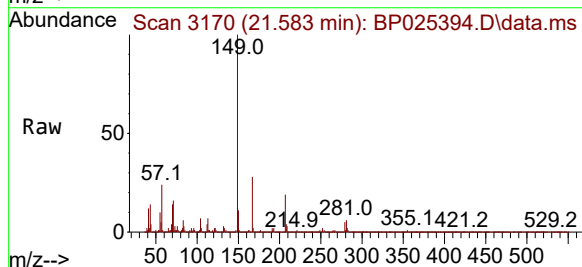
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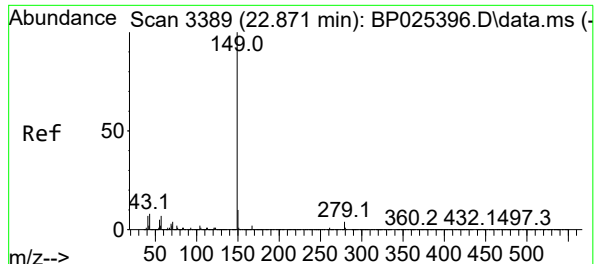
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.529 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

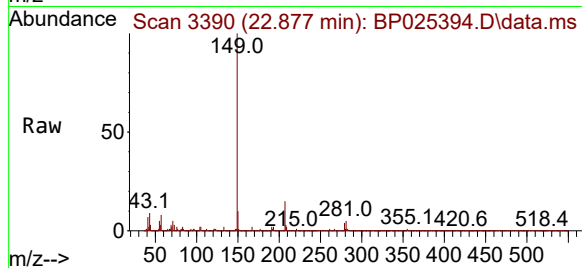
Tgt Ion:149 Resp: 355530
Ion Ratio Lower Upper
149 100
167 27.9 22.1 33.1
279 4.9 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 9.259 ng
RT: 22.877 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

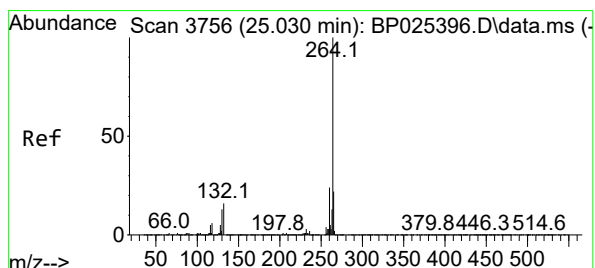
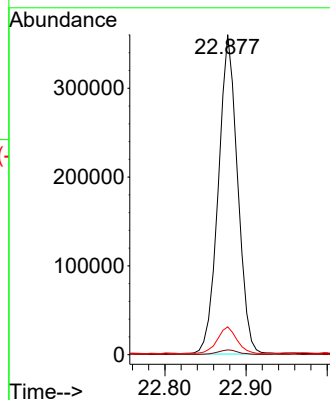
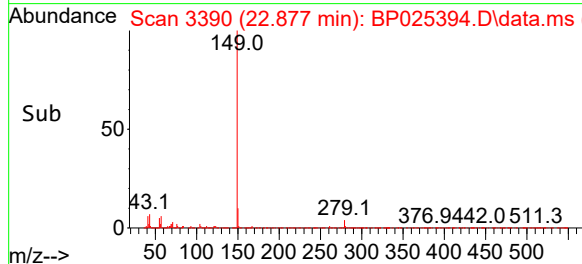
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 59419
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.4 6.3 9.5

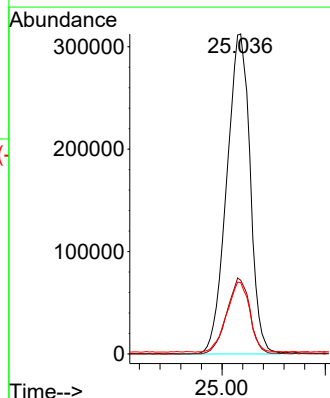
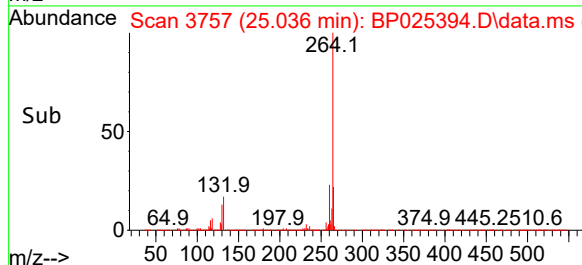
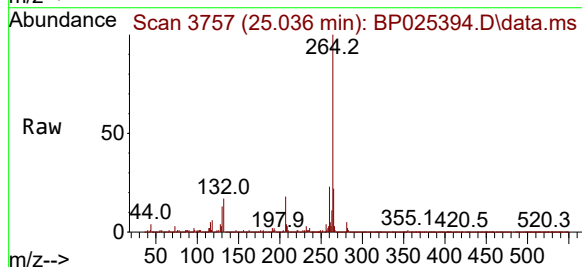
Manual Integrations
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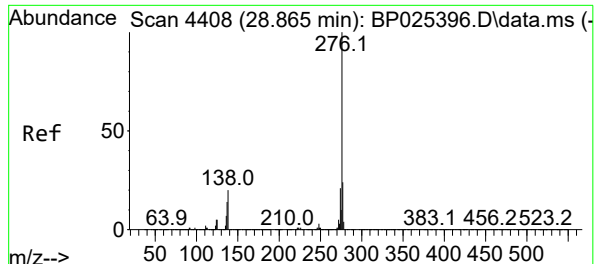
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

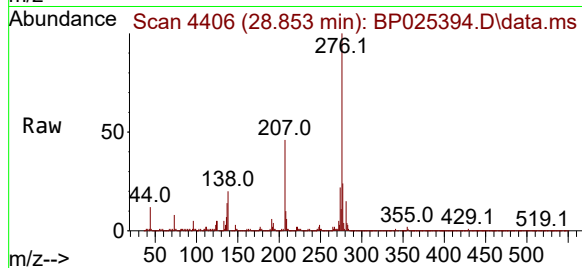
Tgt Ion:264 Resp: 980670
Ion Ratio Lower Upper
264 100
260 23.0 19.3 28.9
265 22.3 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 9.438 ng m
RT: 28.853 min Scan# 4408
Delta R.T. -0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

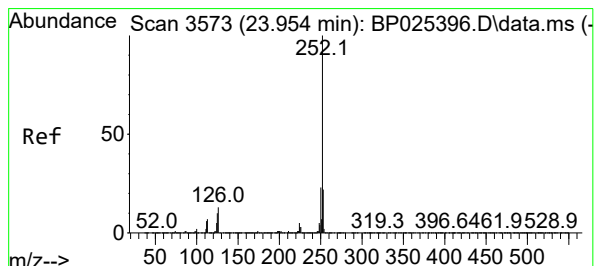
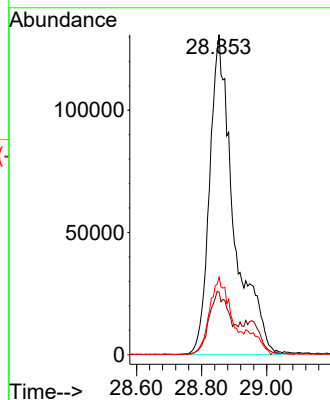
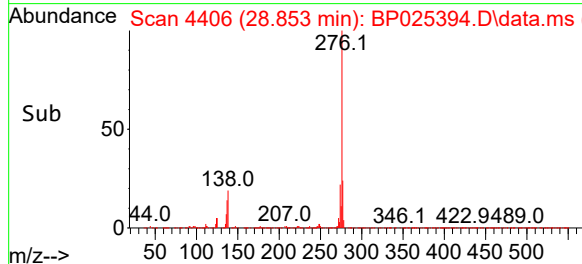
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 276 Resp: 678980
Ion Ratio Lower Upper
276 100
138 16.7 12.9 19.3
277 21.1 17.0 25.6

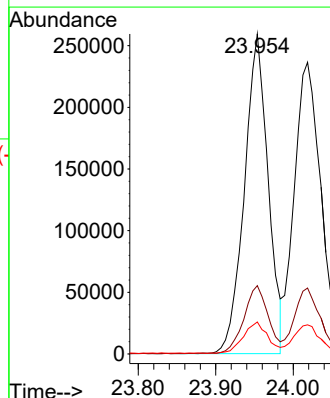
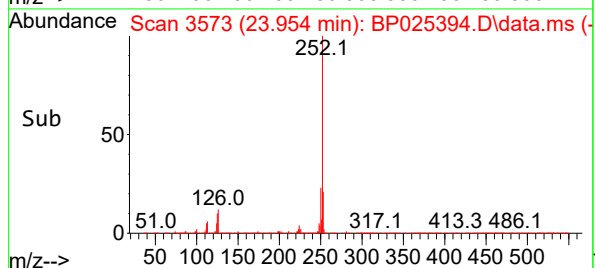
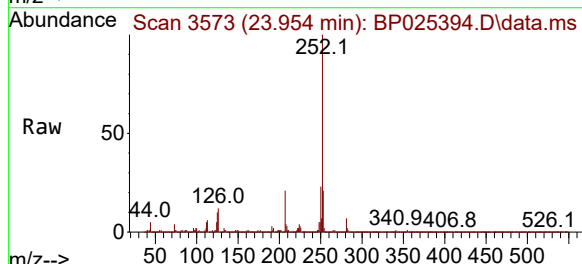
Manual Integrations
APPROVED

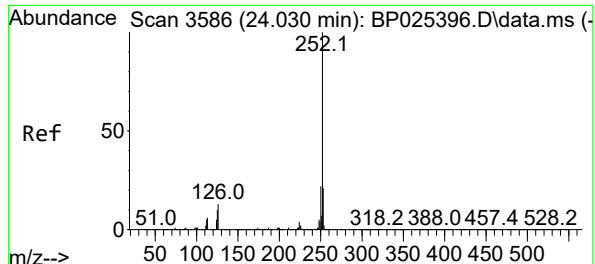
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#88
Benzo(b)fluoranthene
Concen: 9.549 ng
RT: 23.954 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 252 Resp: 552191
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 10.0 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 9.800 ng

RT: 24.018 min Scan# 3586

Delta R.T. -0.012 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 567080

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

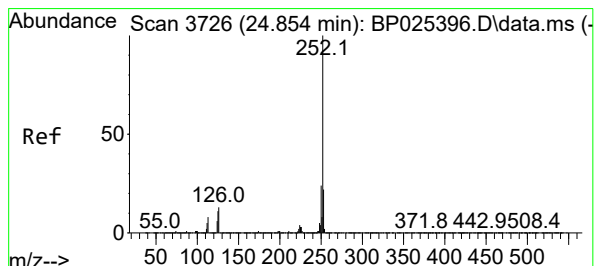
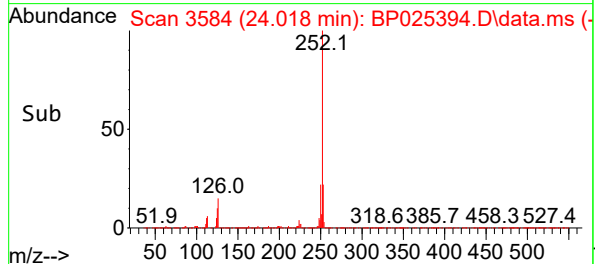
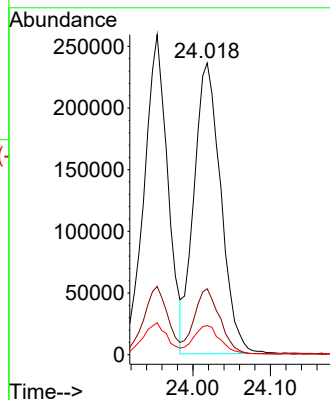
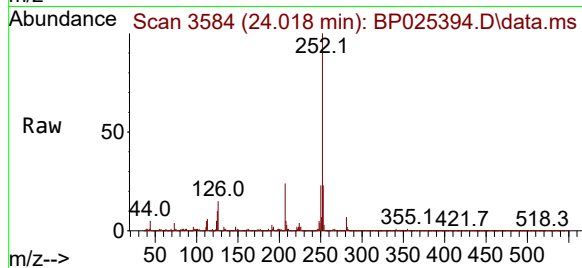
125 10.0 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 9.519 ng

RT: 24.854 min Scan# 3726

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

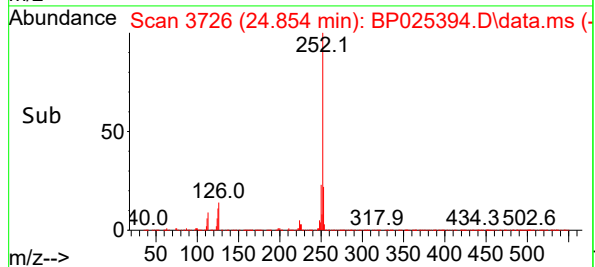
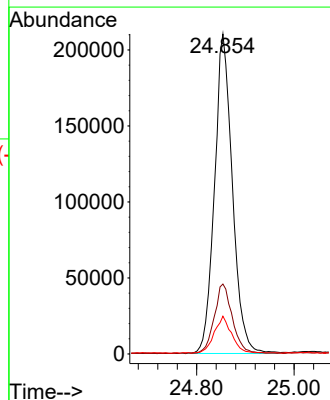
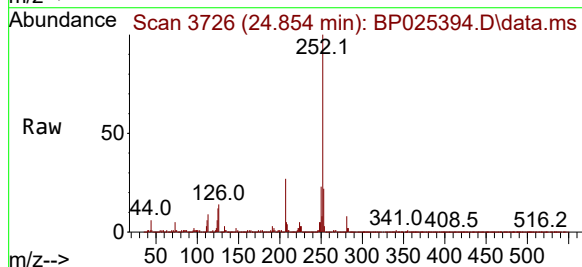
Tgt Ion:252 Resp: 535820

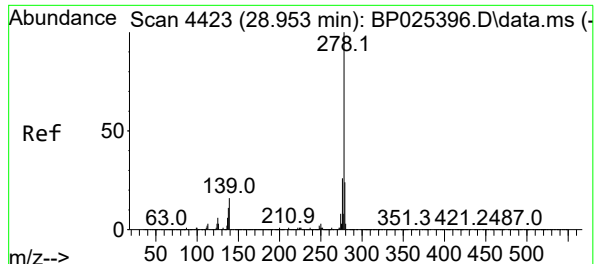
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

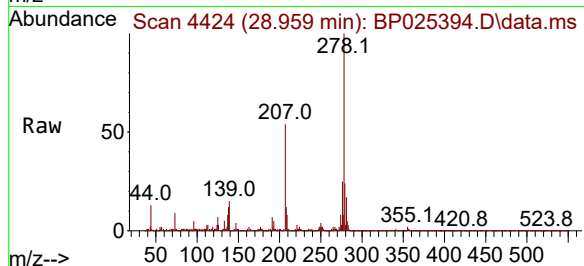
125 11.8 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 9.387 ng
RT: 28.959 min Scan# 4423
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

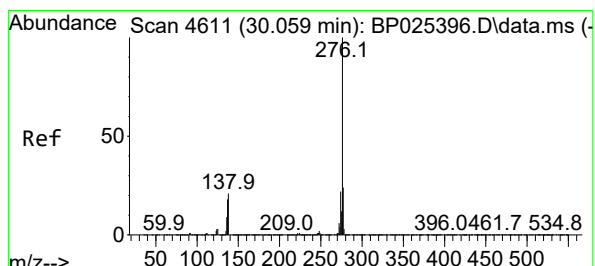
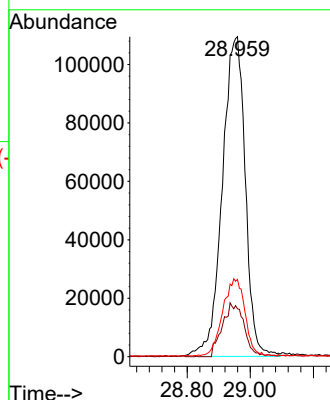
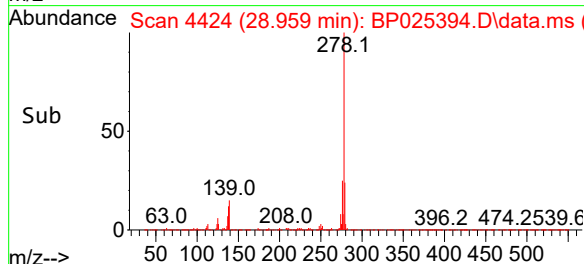
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 278 Resp: 551694
Ion Ratio Lower Upper
278 100
139 15.0 13.0 19.4
279 24.2 19.4 29.2

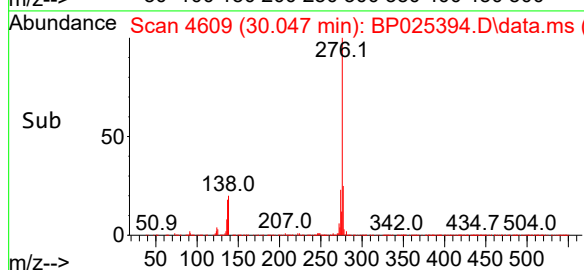
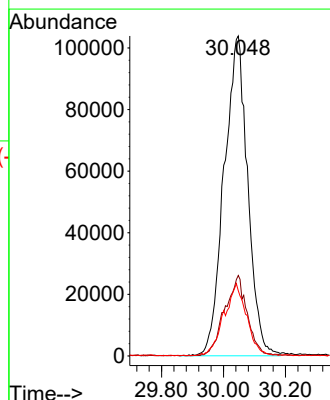
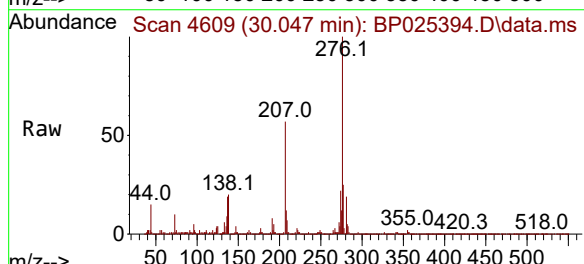
Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 9.489 ng
RT: 30.047 min Scan# 4609
Delta R.T. -0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 276 Resp: 548117
Ion Ratio Lower Upper
276 100
277 25.1 19.4 29.0
138 20.4 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025395.D
 Acq On : 14 Aug 2025 14:38
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:54:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	141721	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	603797	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	399034	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	785736	20.000	ng	0.01
76) Chrysene-d12	21.654	240	852065	20.000	ng	0.00
86) Perylene-d12	25.036	264	958651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	338568	39.674	ng	0.00
7) Phenol-d6	6.966	99	434388	39.702	ng	0.00
23) Nitrobenzene-d5	8.931	82	473937	39.706	ng	0.00
42) 2,4,6-Tribromophenol	15.925	330	212968	39.651	ng	0.01
45) 2-Fluorobiphenyl	13.025	172	1203064	41.205	ng	0.00
79) Terphenyl-d14	19.930	244	1869951	40.152	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	67276	20.126	ng	99
3) Pyridine	3.731	79	177948	19.450	ng	98
4) n-Nitrosodimethylamine	3.637	42	72627	19.255	ng	# 96
6) Aniline	7.125	93	287645	19.513	ng	99
8) 2-Chlorophenol	7.366	128	190858	19.819	ng	99
9) Benzaldehyde	6.937	77	135464	17.672	ng	99
10) Phenol	6.990	94	228580	19.910	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	180390	20.159	ng	98
12) 1,3-Dichlorobenzene	7.684	146	213023	20.061	ng	99
13) 1,4-Dichlorobenzene	7.825	146	216400	19.938	ng	99
14) 1,2-Dichlorobenzene	8.143	146	211243	20.106	ng	99
15) Benzyl Alcohol	8.019	79	170736	19.640	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.307	45	242616	20.240	ng	99
17) 2-Methylphenol	8.225	107	159119	19.956	ng	98
18) Hexachloroethane	8.866	117	78205	19.597	ng	94
19) n-Nitroso-di-n-propyla...	8.584	70	149715	20.633	ng	97
20) 3+4-Methylphenols	8.543	107	217240	19.655	ng	98
22) Acetophenone	8.596	105	305812	20.196	ng	99
24) Nitrobenzene	8.972	77	210234	19.708	ng	100
25) Isophorone	9.496	82	422370	19.995	ng	99
26) 2-Nitrophenol	9.678	139	106805	19.509	ng	98
27) 2,4-Dimethylphenol	9.743	122	178534	18.963	ng	99
28) bis(2-Chloroethoxy)met...	9.972	93	256656	20.100	ng	99
29) 2,4-Dichlorophenol	10.207	162	186076	19.896	ng	99
30) 1,2,4-Trichlorobenzene	10.425	180	201995	19.702	ng	98
31) Naphthalene	10.613	128	625899	19.944	ng	99
32) Benzoic acid	9.843	122	124836m	18.004	ng	
33) 4-Chloroaniline	10.713	127	270158	19.489	ng	99
34) Hexachlorobutadiene	10.901	225	127593	19.983	ng	99
35) Caprolactam	11.484	113	66168	19.294	ng	95
36) 4-Chloro-3-methylphenol	11.837	107	209817	19.551	ng	97
37) 2-Methylnaphthalene	12.219	142	409613	20.057	ng	99
38) 1-Methylnaphthalene	12.443	142	430666	19.829	ng	100
40) 1,2,4,5-Tetrachloroben...	12.590	216	233523	20.263	ng	99
41) Hexachlorocyclopentadiene	12.572	237	124759	17.922	ng	98
43) 2,4,6-Trichlorophenol	12.831	196	152031	19.540	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025395.D
 Acq On : 14 Aug 2025 14:38
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:54:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	169197	19.842	ng	98
46) 1,1'-Biphenyl	13.237	154	581464	20.064	ng	100
47) 2-Chloronaphthalene	13.272	162	456552	20.237	ng	98
48) 2-Nitroaniline	13.478	65	126433	19.233	ng	99
49) Acenaphthylene	14.137	152	737527	19.756	ng	99
50) Dimethylphthalate	13.866	163	573661	19.632	ng	100
51) 2,6-Dinitrotoluene	13.966	165	120693	19.597	ng	96
52) Acenaphthene	14.484	154	438852m	20.027	ng	
53) 3-Nitroaniline	14.301	138	134502	19.410	ng	97
54) 2,4-Dinitrophenol	14.519	184	55713	16.939	ng	98
55) Dibenzofuran	14.819	168	692966	20.002	ng	99
56) 4-Nitrophenol	14.619	139	105787	18.578	ng	98
57) 2,4-Dinitrotoluene	14.772	165	172020	19.576	ng	96
58) Fluorene	15.478	166	554647	20.289	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.048	232	145926	19.381	ng	99
60) Diethylphthalate	15.248	149	584590	19.689	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	270949	19.929	ng	98
62) 4-Nitroaniline	15.478	138	139202	19.595	ng	100
63) Azobenzene	15.766	77	508563	20.004	ng	100
65) 4,6-Dinitro-2-methylph...	15.548	198	88992	18.169	ng	97
66) n-Nitrosodiphenylamine	15.684	169	477080	19.911	ng	99
67) 4-Bromophenyl-phenylether	16.389	248	170738	19.758	ng	97
68) Hexachlorobenzene	16.495	284	199410	19.906	ng	99
69) Atrazine	16.666	200	179513	20.006	ng	99
70) Pentachlorophenol	16.848	266	120958	19.128	ng	99
71) Phenanthrene	17.254	178	872890	20.223	ng	99
72) Anthracene	17.342	178	890292	20.198	ng	100
73) Carbazole	17.625	167	843970	20.328	ng	99
74) Di-n-butylphthalate	18.219	149	1046709	20.491	ng	100
75) Fluoranthene	19.342	202	1058912	20.567	ng	99
77) Benzidine	19.525	184	546647	18.799	ng	99
78) Pyrene	19.713	202	1096965	19.807	ng	99
80) Butylbenzylphthalate	20.666	149	504019	20.081	ng	97
81) Benzo(a)anthracene	21.630	228	1118590	19.906	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	432075	20.399	ng	100
83) Chrysene	21.707	228	1063898	20.216	ng	99
84) Bis(2-ethylhexyl)phtha...	21.577	149	744704	20.155	ng	99
85) Di-n-octyl phthalate	22.871	149	1276798	20.091	ng	100
87) Indeno(1,2,3-cd)pyrene	28.865	276	1380331m	19.627	ng	
88) Benzo(b)fluoranthene	23.948	252	1122408	19.855	ng	100
89) Benzo(k)fluoranthene	24.018	252	1150366	20.336	ng	100
90) Benzo(a)pyrene	24.854	252	1102804	20.041	ng	100
91) Dibenzo(a,h)anthracene	28.965	278	1130209	19.672	ng	98
92) Benzo(g,h,i)perylene	30.053	276	1120307	19.840	ng	99

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

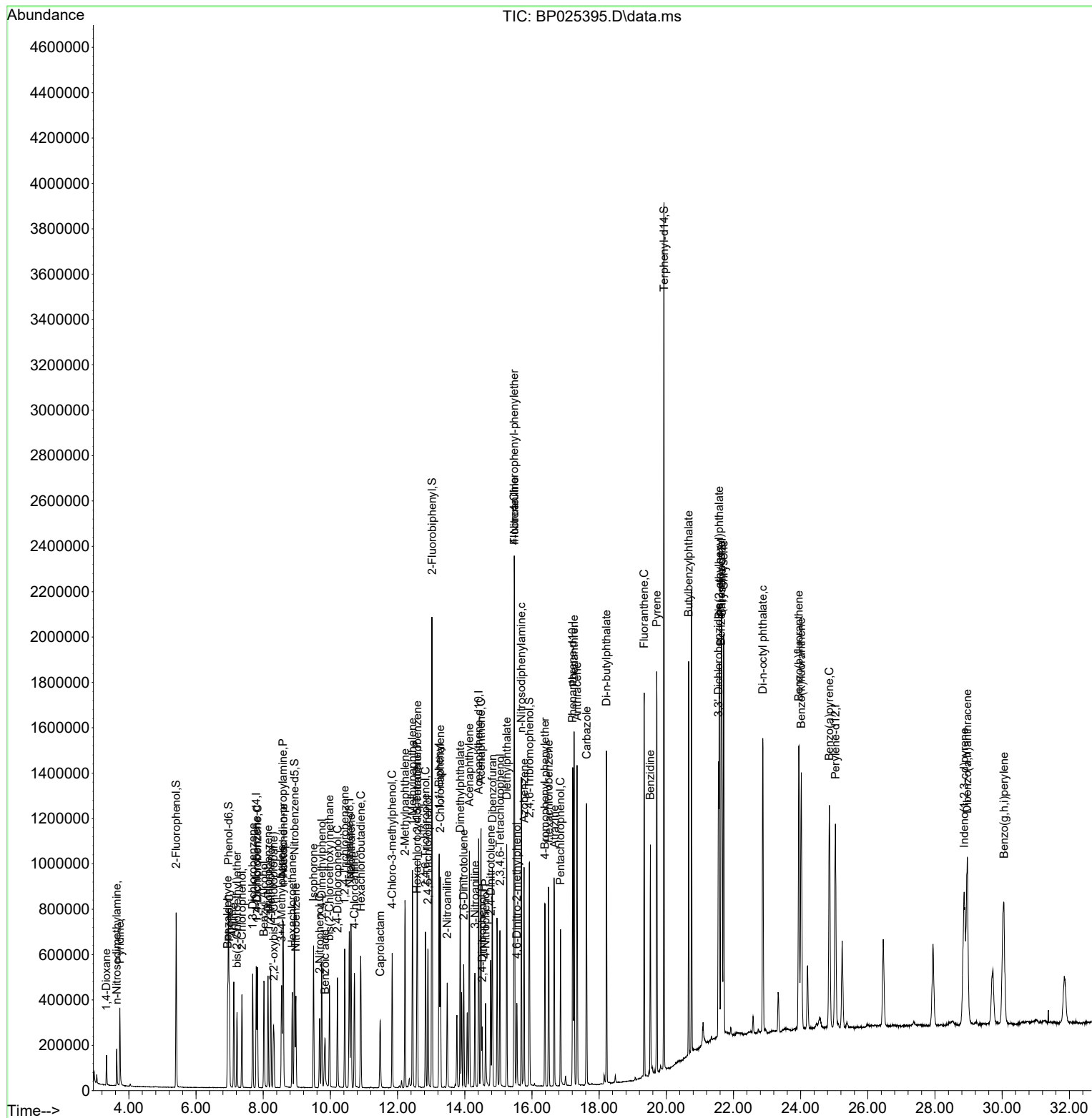
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025395.D
Acq On : 14 Aug 2025 14:38
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

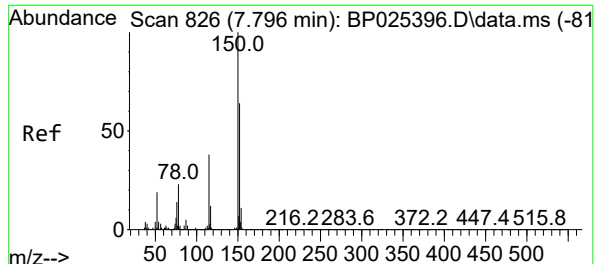
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jaagrut Upadhyay 08/15/2025

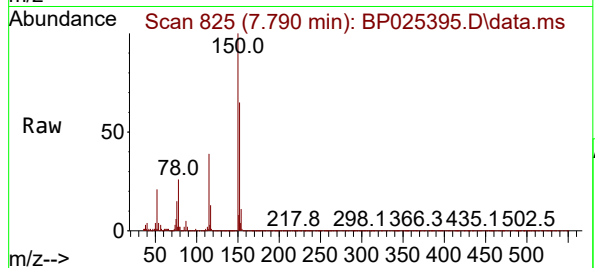
Quant Time: Aug 14 17:54:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

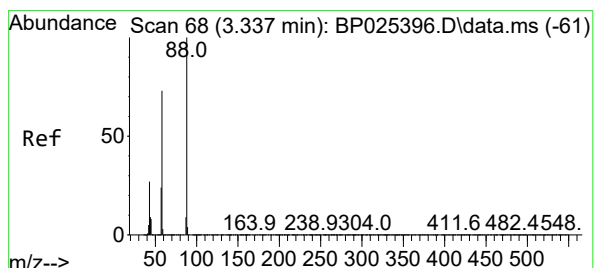
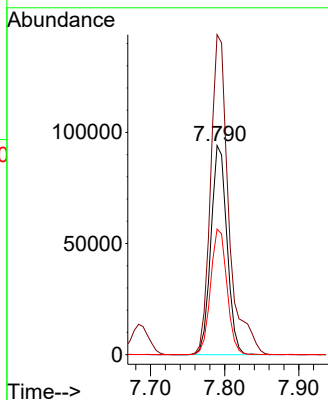
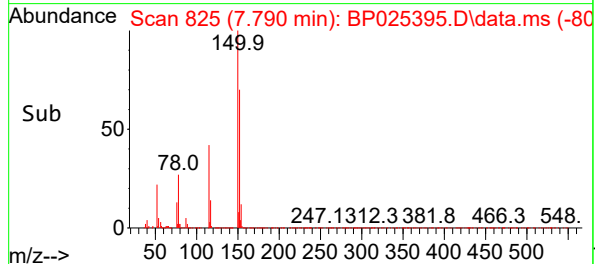
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 152 Resp: 14172
Ion Ratio Lower Upper
152 100
150 153.0 125.9 188.9
115 60.0 48.5 72.7

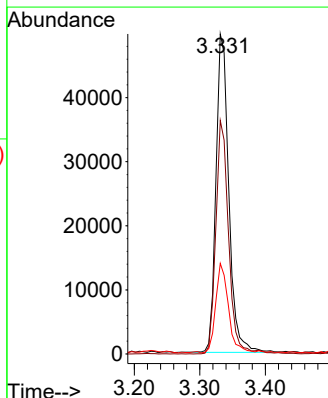
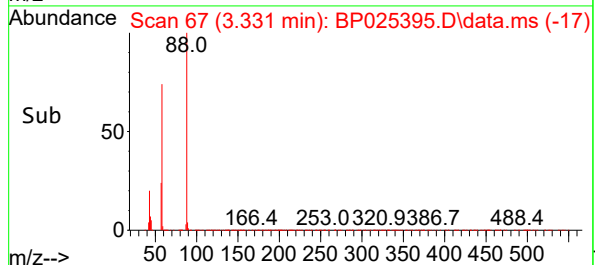
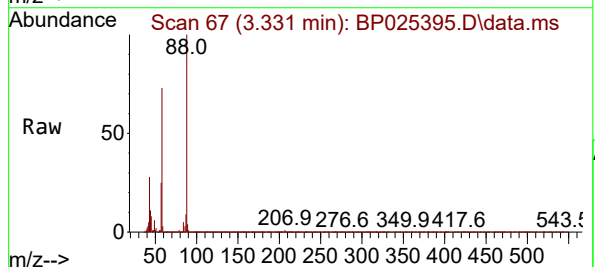
Manual Integrations
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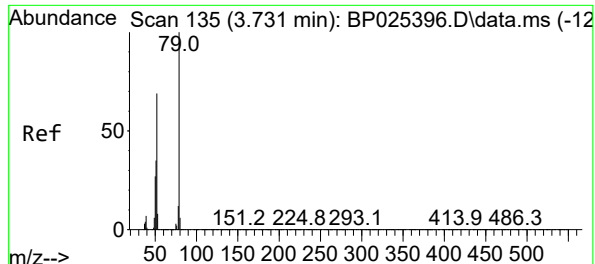
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 20.126 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 88 Resp: 67276
Ion Ratio Lower Upper
88 100
58 73.2 59.2 88.8
43 27.9 21.7 32.5





#3

Pyridine

Concen: 19.450 ng

RT: 3.731 min Scan# 119

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 17794

Ion Ratio Lower Upper

79 100

52 71.9 55.5 83.3

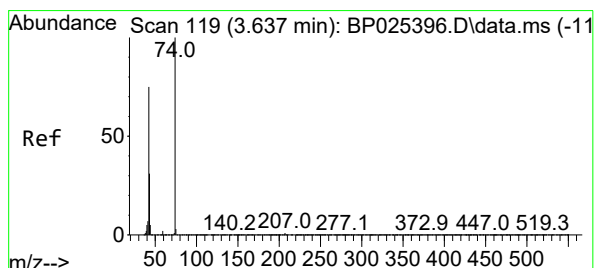
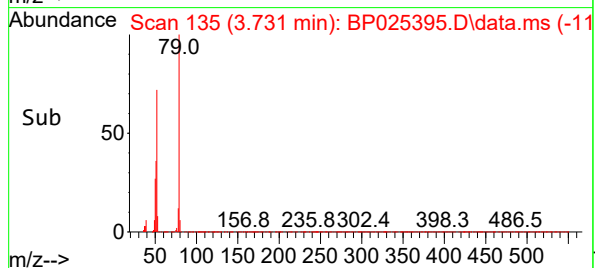
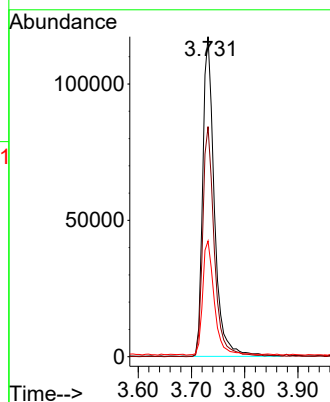
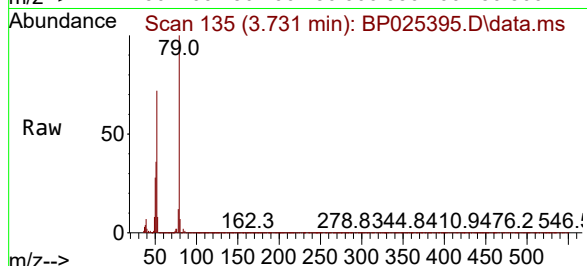
51 36.1 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#4

n-Nitrosodimethylamine

Concen: 19.255 ng

RT: 3.637 min Scan# 119

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

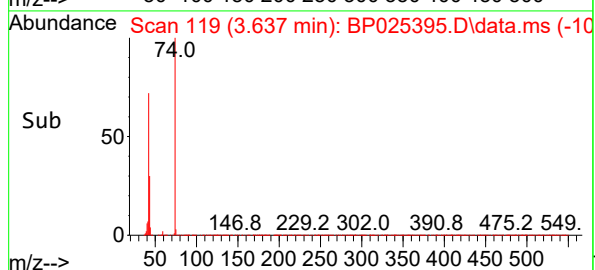
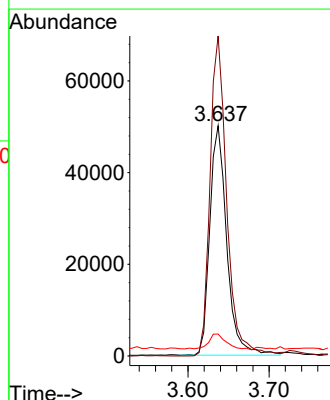
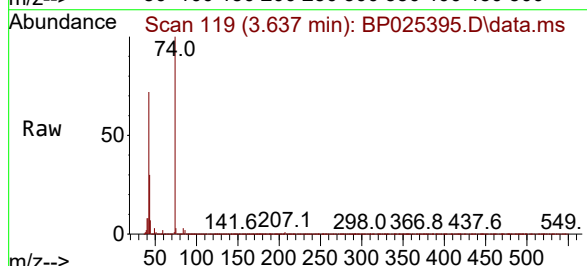
Tgt Ion: 42 Resp: 72627

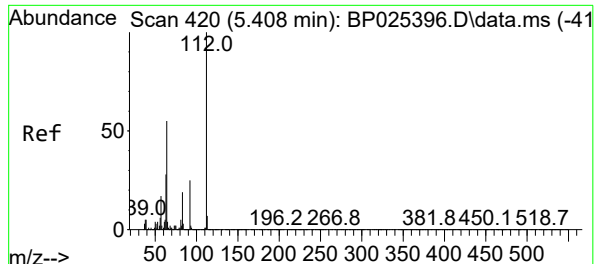
Ion Ratio Lower Upper

42 100

74 138.9 107.0 160.4

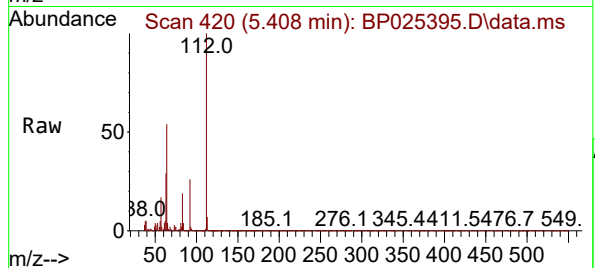
44 9.5 6.2 9.4





#5
2-Fluorophenol
Concen: 39.674 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

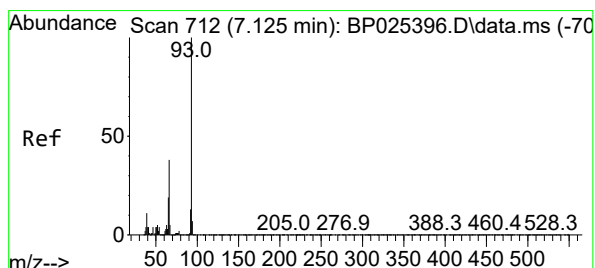
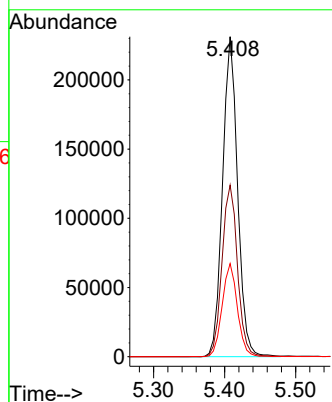
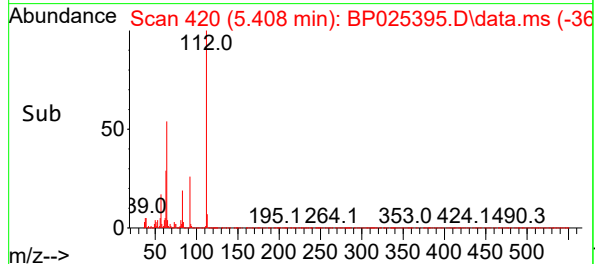
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 112 Resp: 33856
Ion Ratio Lower Upper
112 100
64 53.6 43.8 65.8
63 29.1 22.7 34.1

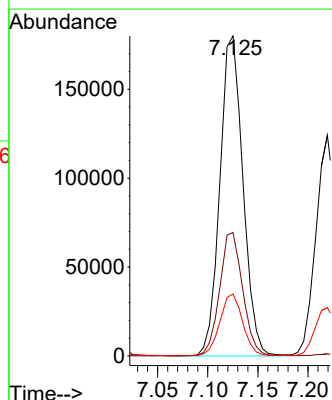
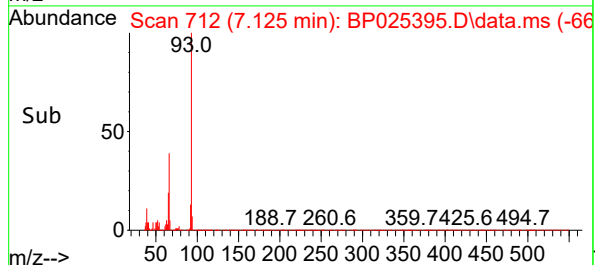
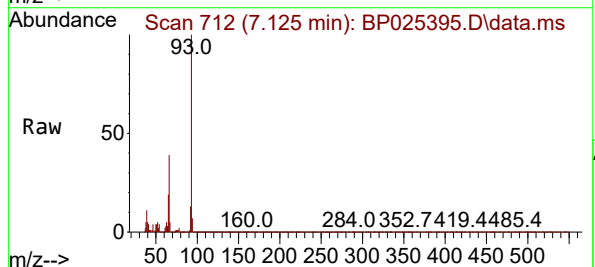
Manual Integrations
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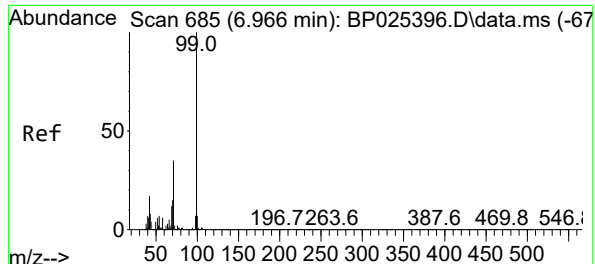
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#6
Aniline
Concen: 19.513 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

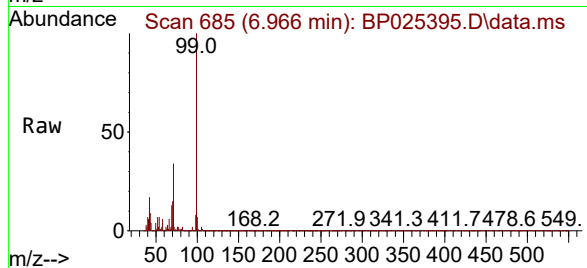
Tgt Ion: 93 Resp: 287645
Ion Ratio Lower Upper
93 100
66 38.6 30.4 45.6
65 19.4 15.3 22.9





#7
Phenol-d6
Concen: 39.702 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

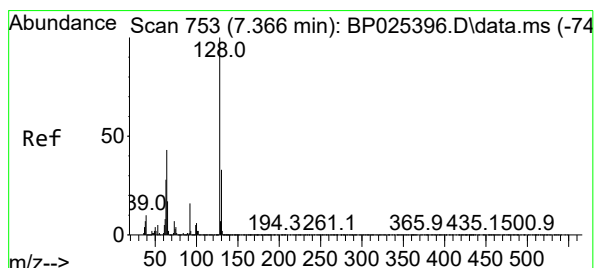
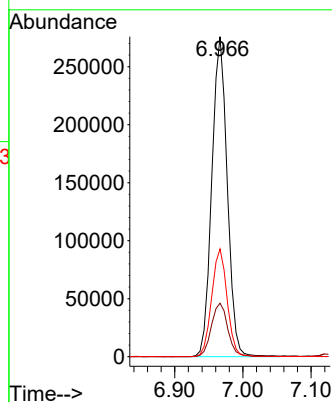
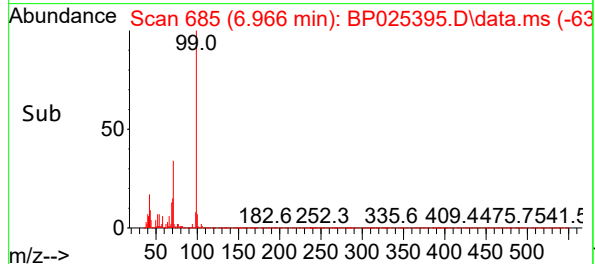
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 99 Resp: 434388
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 33.7 28.2 42.4

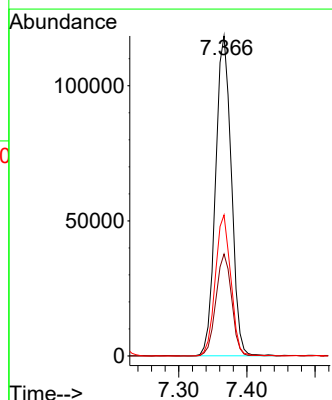
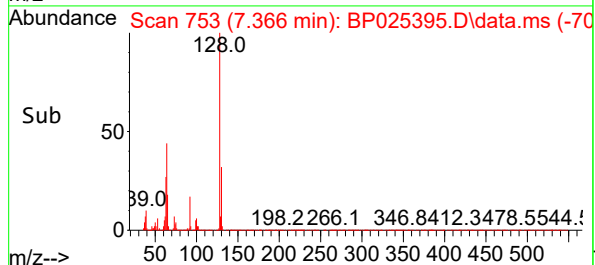
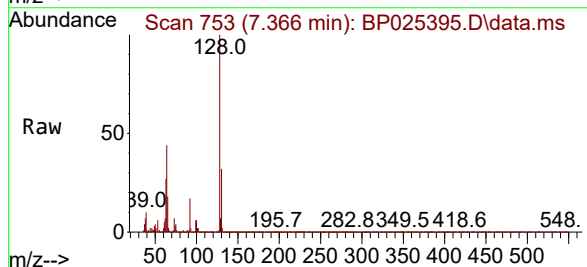
Manual Integrations
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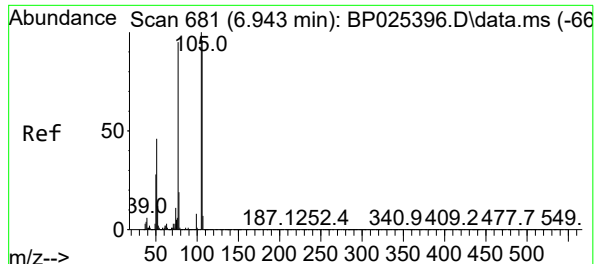
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#8
2-Chlorophenol
Concen: 19.819 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

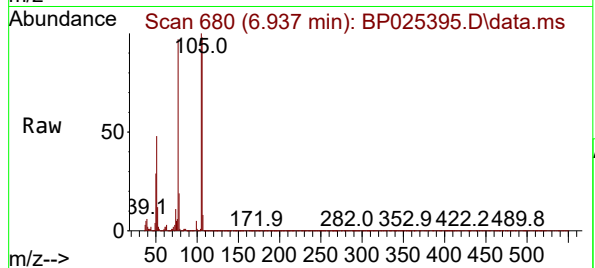
Tgt Ion:128 Resp: 190858
Ion Ratio Lower Upper
128 100
130 31.9 12.6 52.6
64 44.0 23.4 63.4





#9
Benzaldehyde
Concen: 17.672 ng
RT: 6.937 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

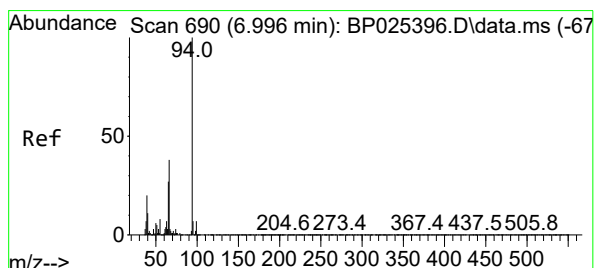
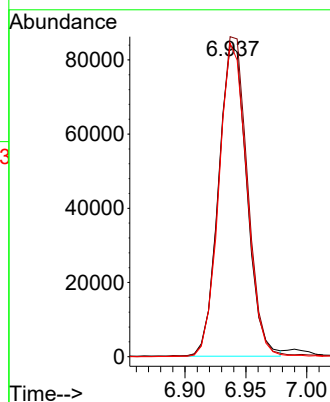
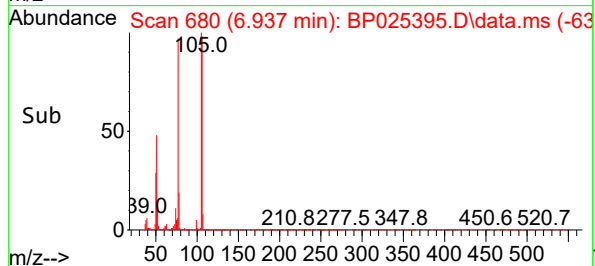
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 135464
Ion Ratio Lower Upper
77 100
105 102.7 84.8 124.8
106 100.6 80.5 120.5

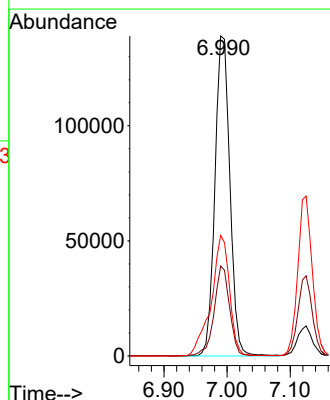
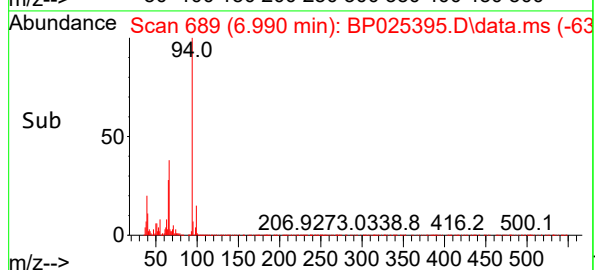
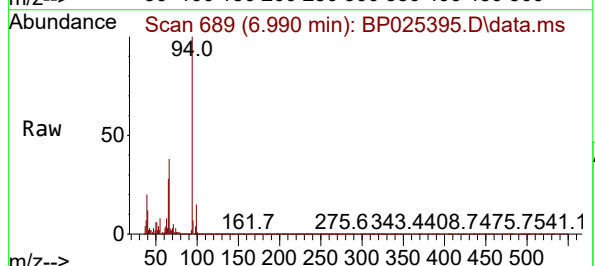
Manual Integrations
APPROVED

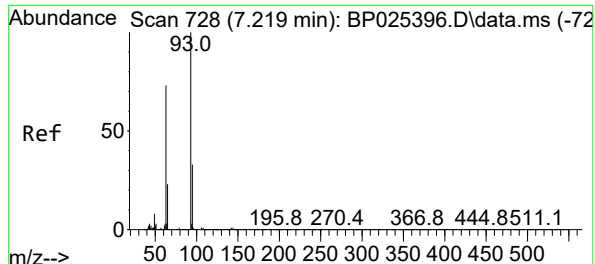
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 19.910 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

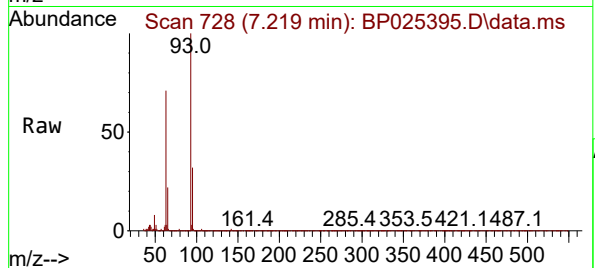
Tgt Ion: 94 Resp: 228580
Ion Ratio Lower Upper
94 100
65 28.1 6.8 46.8
66 37.7 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 20.159 ng
RT: 7.219 min Scan# 728
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

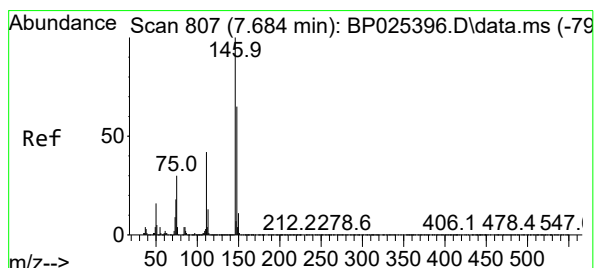
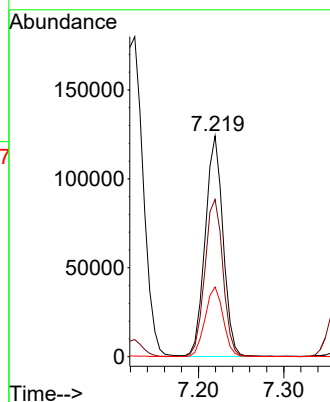
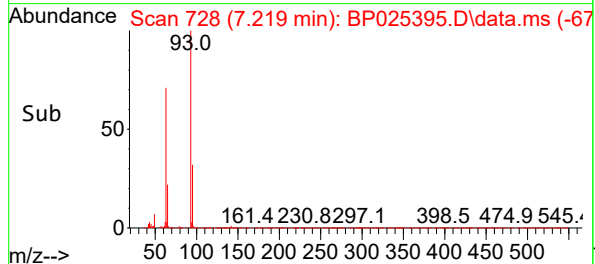
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



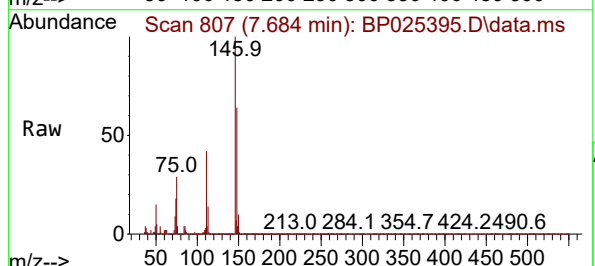
Tgt Ion: 93 Resp: 180390
Ion Ratio Lower Upper
93 100
63 71.2 52.6 92.6
95 31.6 12.7 52.7

Manual Integrations
APPROVED

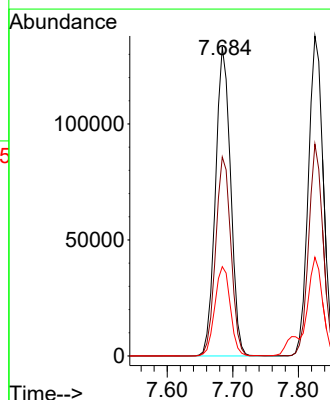
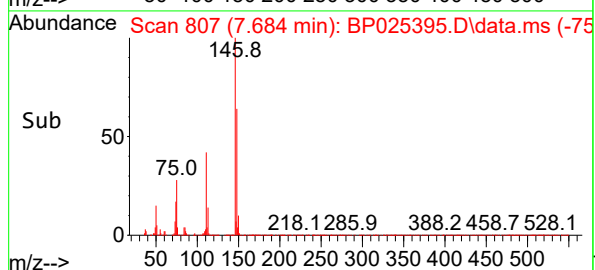
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

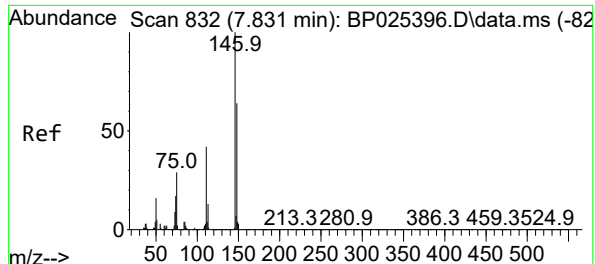


#12
1,3-Dichlorobenzene
Concen: 20.061 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38



Tgt Ion:146 Resp: 213023
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 28.9 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 19.938 ng

RT: 7.825 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 216400

Ion Ratio Lower Upper

146 100

148 66.2 51.6 77.4

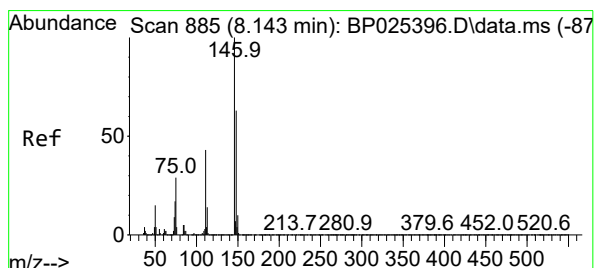
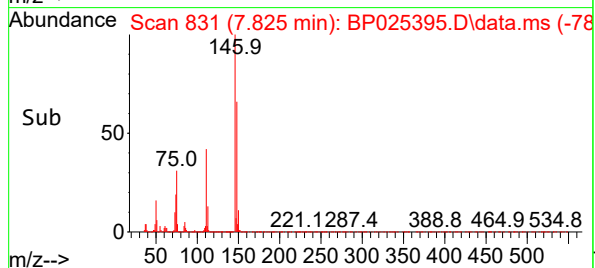
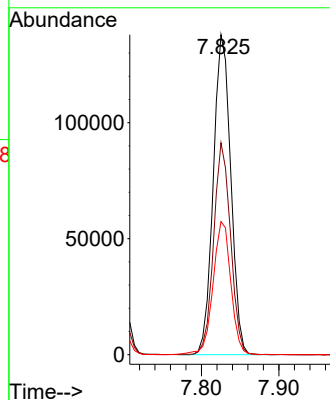
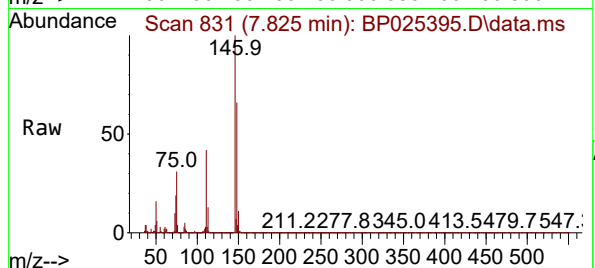
111 41.6 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 20.106 ng

RT: 8.143 min Scan# 885

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

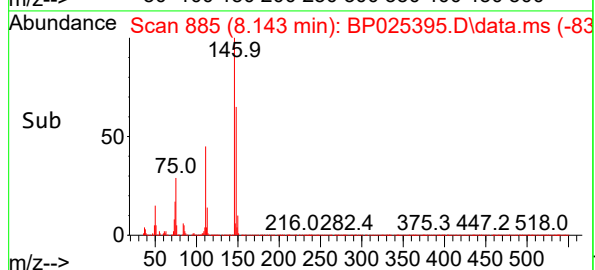
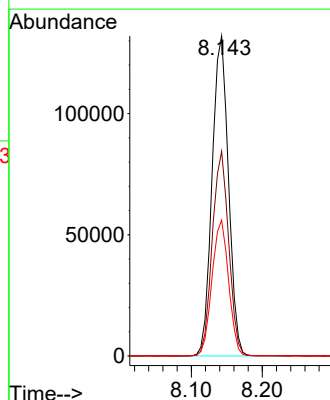
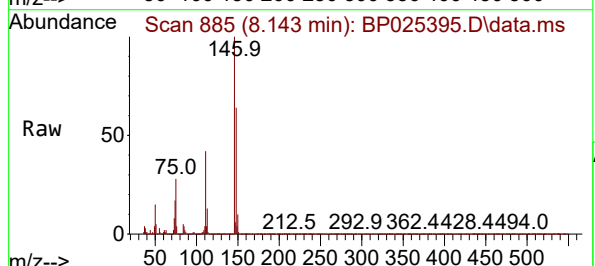
Tgt Ion:146 Resp: 211243

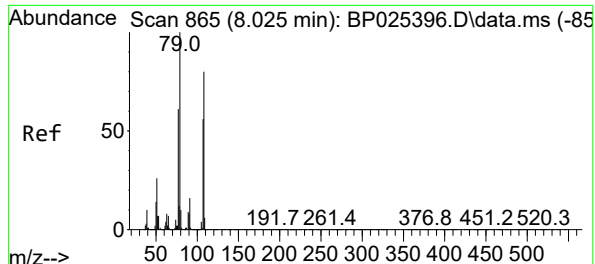
Ion Ratio Lower Upper

146 100

148 64.0 50.4 75.6

111 42.4 34.5 51.7





#15

Benzyl Alcohol

Concen: 19.640 ng

RT: 8.019 min Scan# 80

Delta R.T. -0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 170730

Ion Ratio Lower Upper

79 100

108 77.1 63.8 95.6

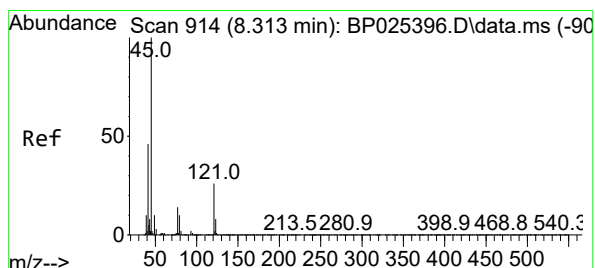
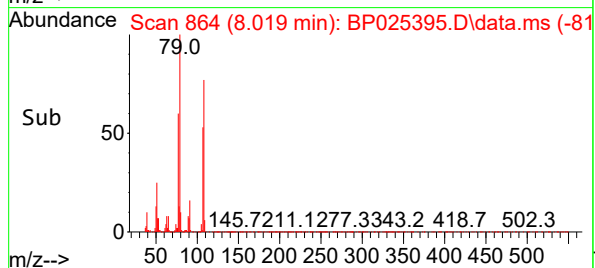
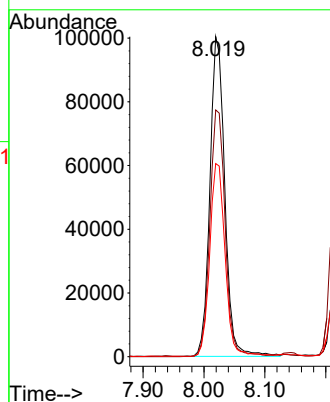
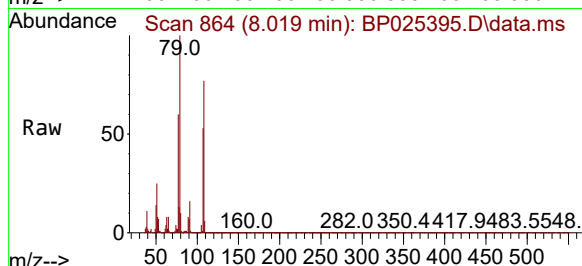
77 60.3 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.240 ng

RT: 8.307 min Scan# 913

Delta R.T. -0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

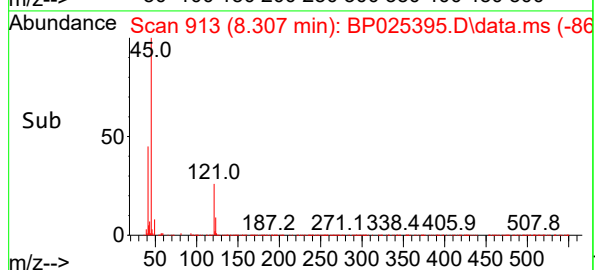
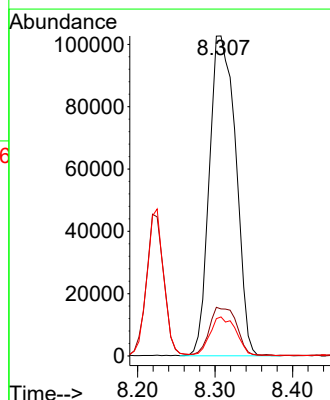
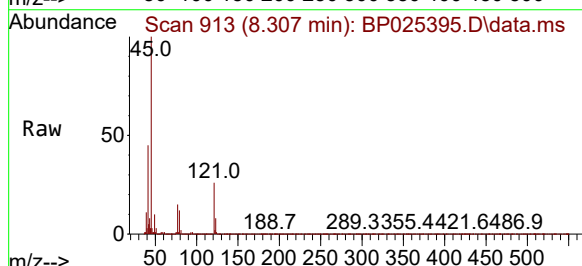
Tgt Ion: 45 Resp: 242616

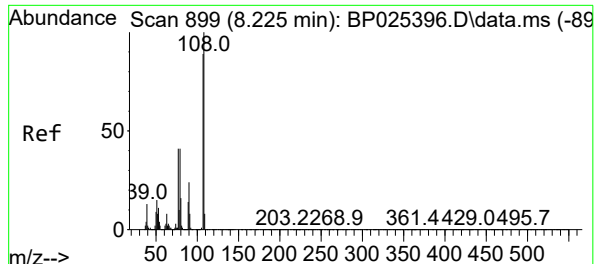
Ion Ratio Lower Upper

45 100

77 14.7 0.0 35.3

79 12.2 0.0 31.8





#17

2-Methylphenol

Concen: 19.956 ng

RT: 8.225 min Scan# 899

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:107 Resp: 159119

Ion Ratio Lower Upper

107 100

108 109.2 89.4 134.0

77 43.2 36.3 54.5

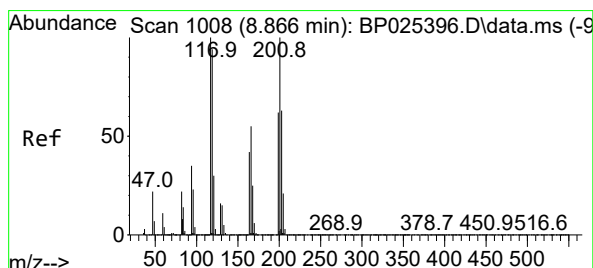
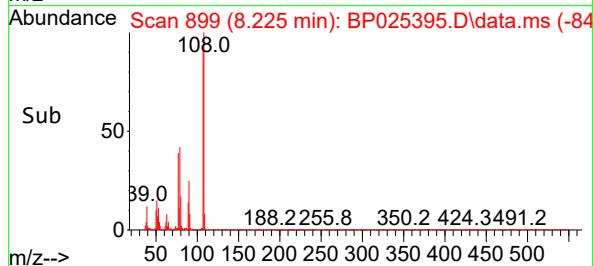
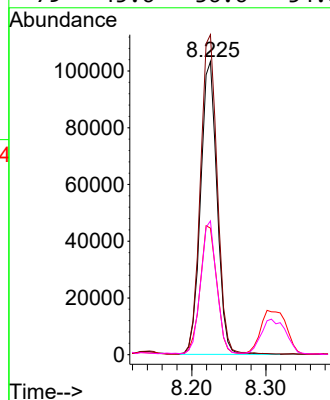
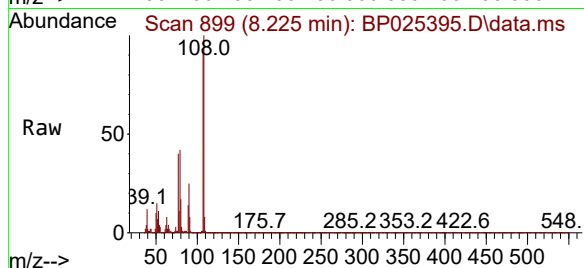
79 45.6 36.6 54.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#18

Hexachloroethane

Concen: 19.597 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

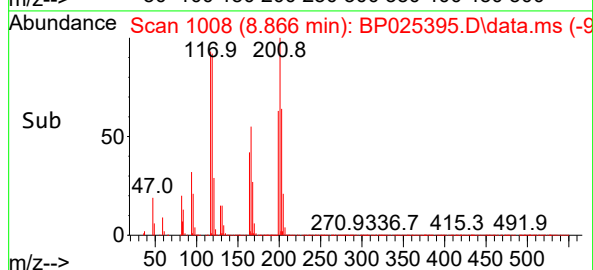
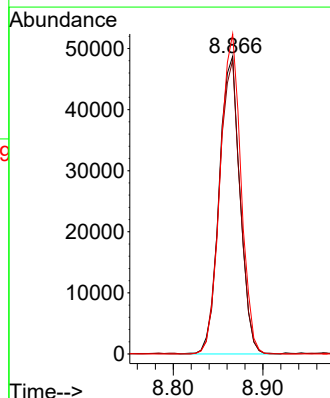
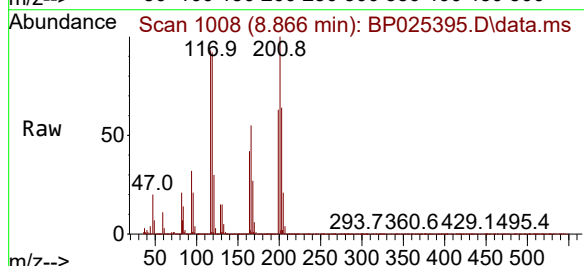
Tgt Ion:117 Resp: 78205

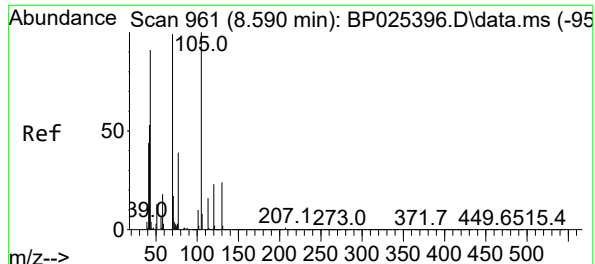
Ion Ratio Lower Upper

117 100

119 98.8 75.1 112.7

201 107.5 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 20.633 ng

RT: 8.584 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 14971

Ion Ratio Lower Upper

70 100

42 52.0 43.8 65.6

101 11.3 8.5 12.7

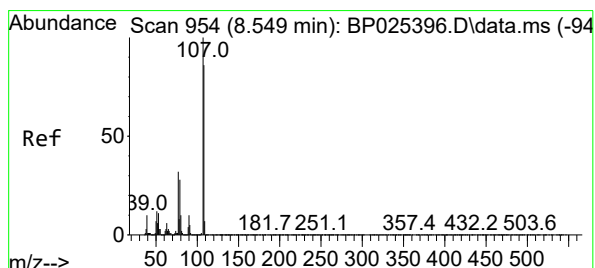
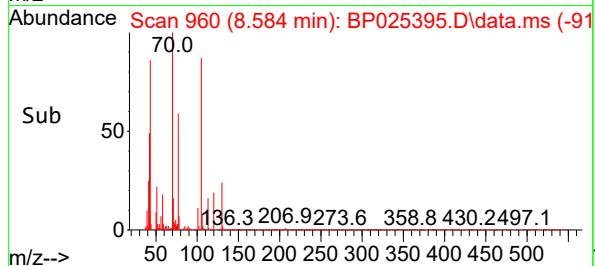
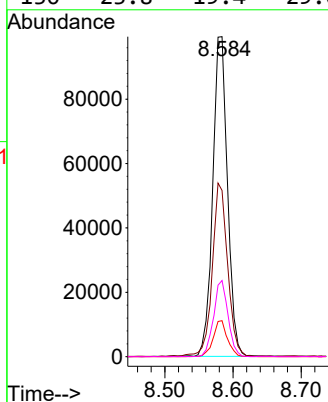
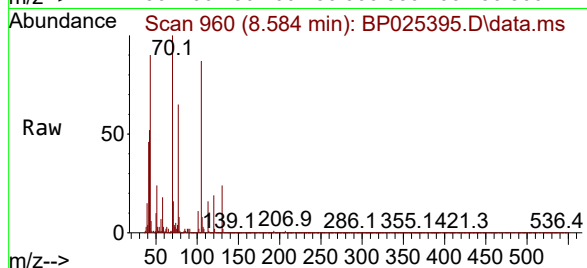
130 23.8 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 19.655 ng

RT: 8.543 min Scan# 953

Delta R.T. -0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Tgt Ion:107 Resp: 217240

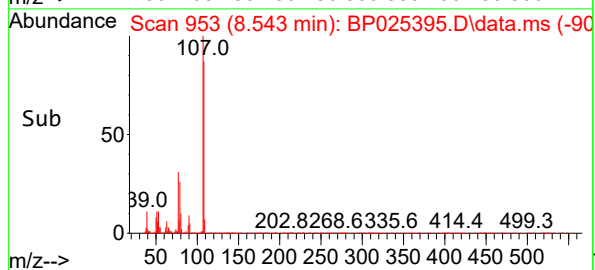
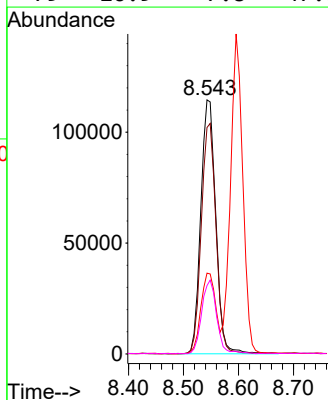
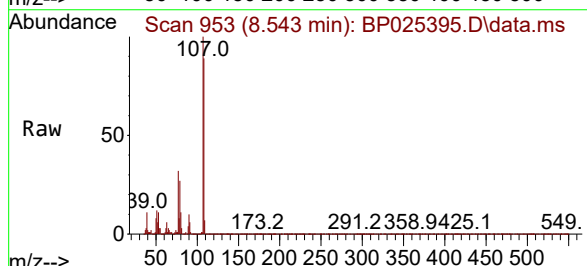
Ion Ratio Lower Upper

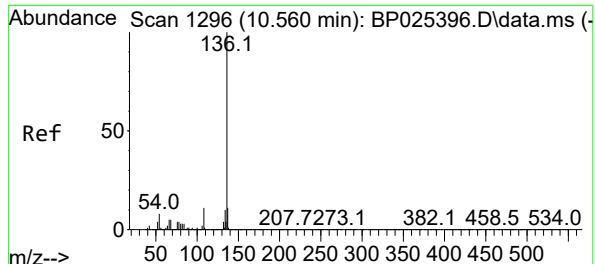
107 100

108 89.1 66.3 106.3

77 31.8 12.3 52.3

79 26.9 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.560 min Scan# 1296

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 60379

Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 7.7 6.0 9.0

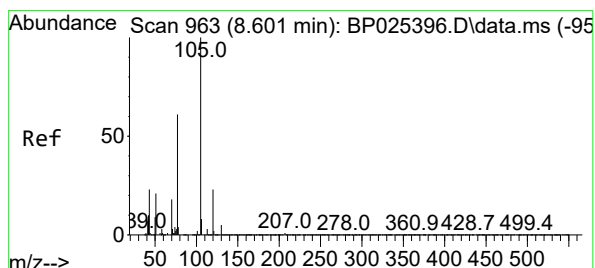
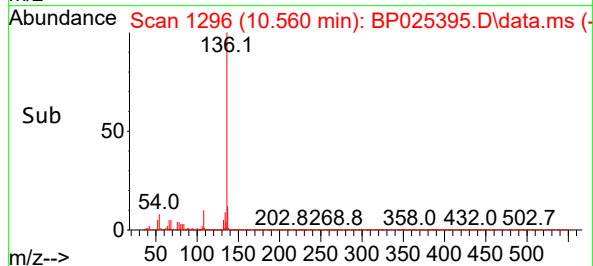
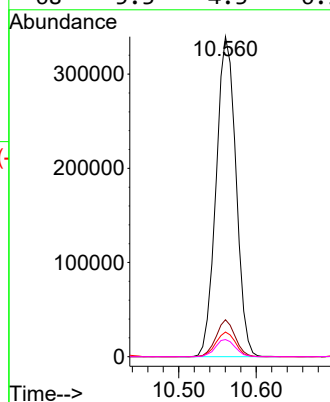
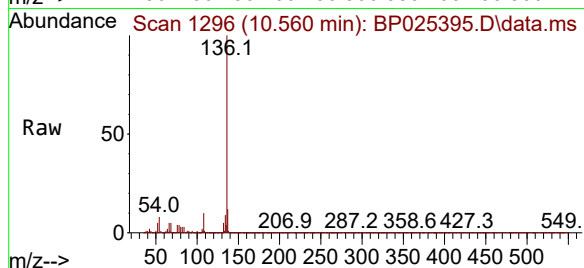
68 5.3 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#22

Acetophenone

Concen: 20.196 ng

RT: 8.596 min Scan# 962

Delta R.T. -0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Tgt Ion:105 Resp: 305812

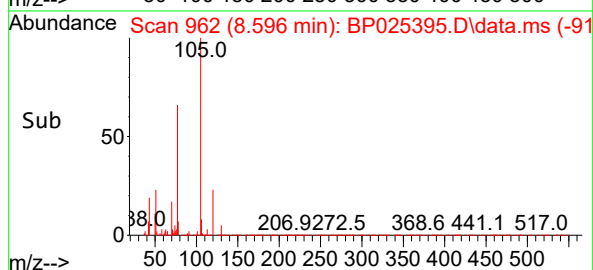
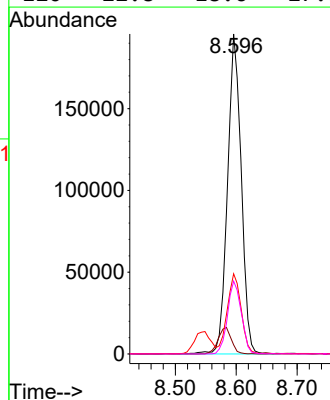
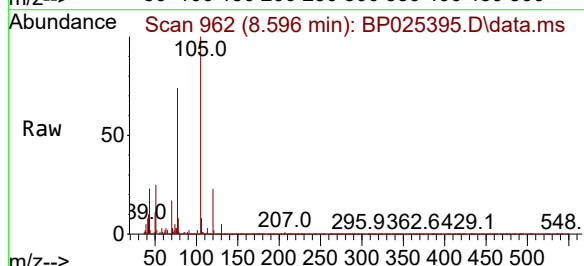
Ion Ratio Lower Upper

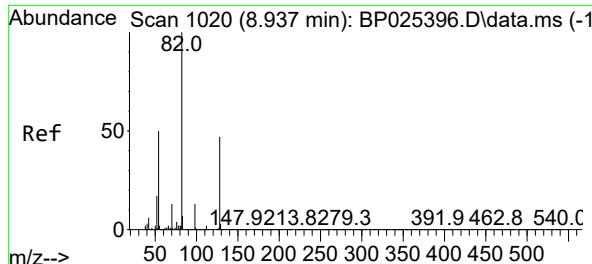
105 100

71 2.8 2.6 4.0

51 25.0 20.6 30.8

120 22.8 18.6 27.8





#23

Nitrobenzene-d5

Concen: 39.706 ng

RT: 8.931 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP025395.D

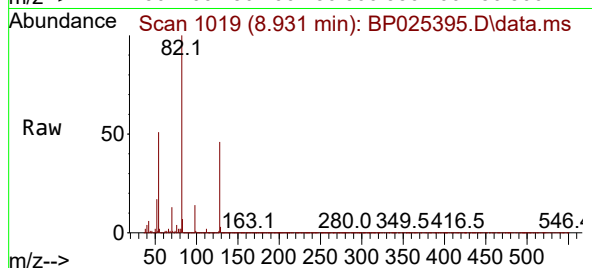
Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020



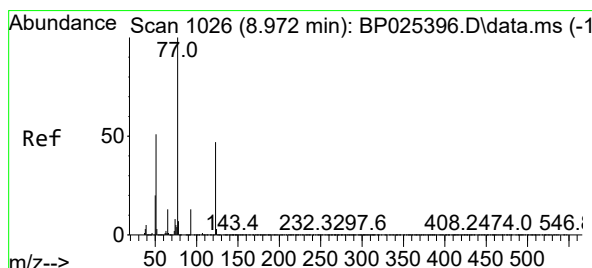
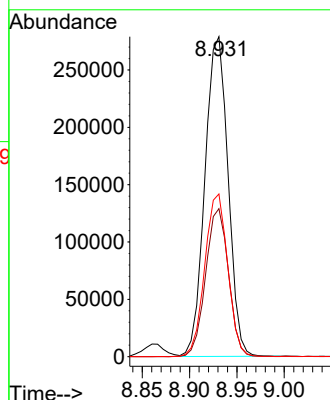
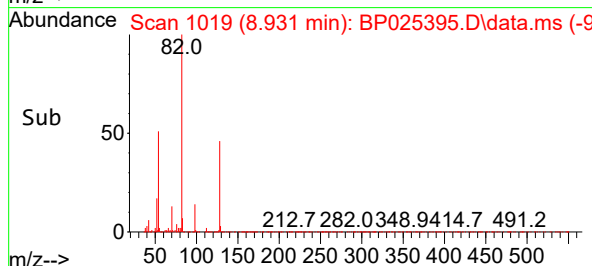
Tgt Ion:	82	Resp:	47393
Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.7	56.5
54	50.8	39.8	59.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#24

Nitrobenzene

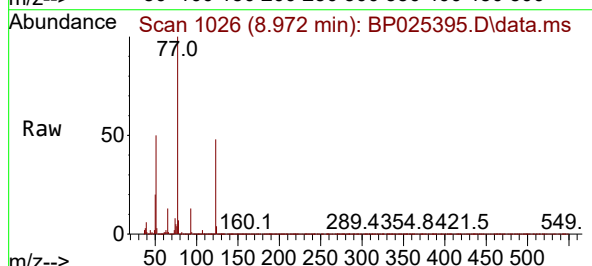
Concen: 19.708 ng

RT: 8.972 min Scan# 1026

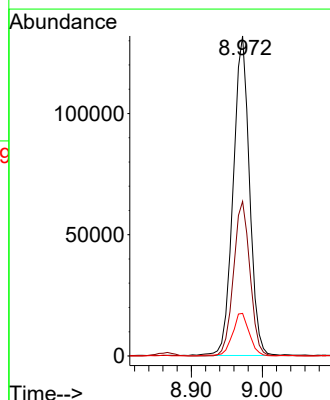
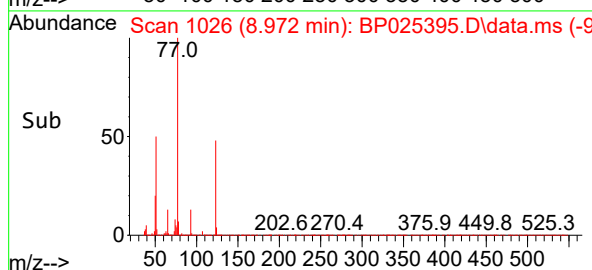
Delta R.T. 0.000 min

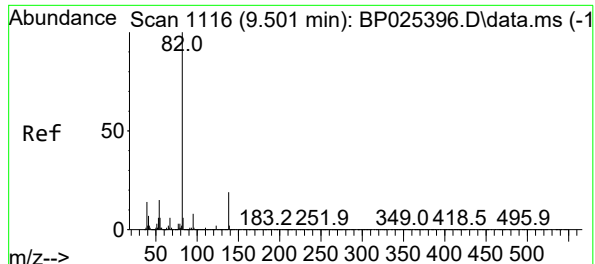
Lab File: BP025395.D

Acq: 14 Aug 2025 14:38



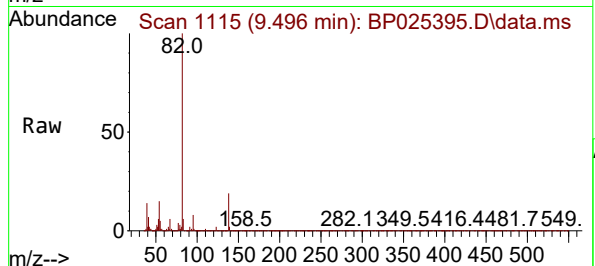
Tgt Ion:	77	Resp:	210234
Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.6	58.0
65	13.3	10.6	15.8





#25
Isophorone
Concen: 19.995 ng
RT: 9.496 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

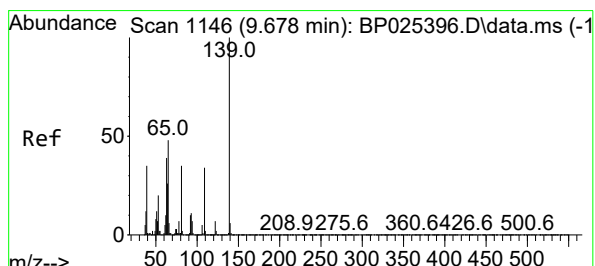
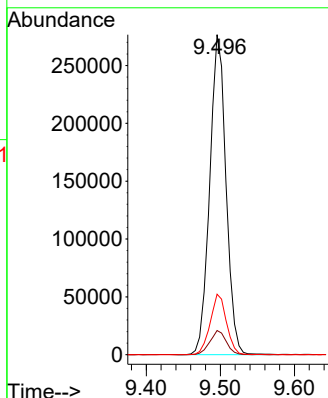
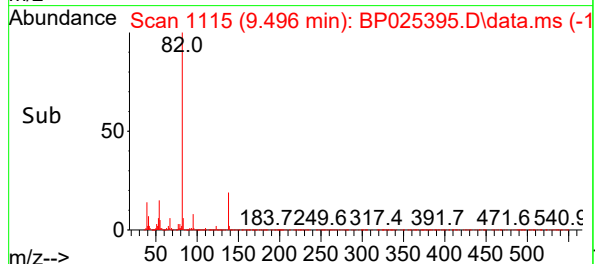
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 422370
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 18.9 15.4 23.0

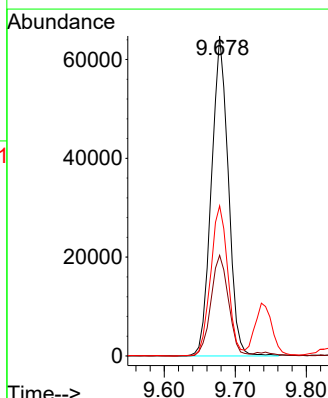
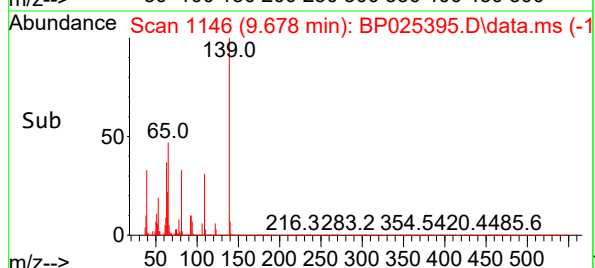
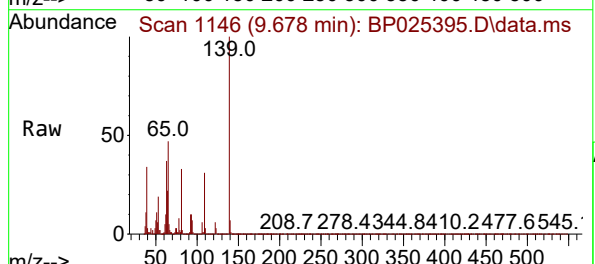
Manual Integrations
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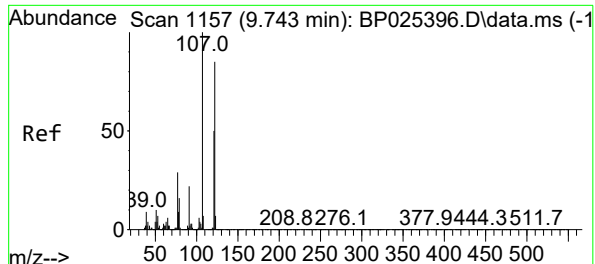
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#26
2-Nitrophenol
Concen: 19.509 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:139 Resp: 106805
Ion Ratio Lower Upper
139 100
109 31.5 26.9 40.3
65 46.9 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 18.963 ng

RT: 9.743 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:122 Resp: 178534

Ion Ratio Lower Upper

122 100

107 116.5 93.7 140.5

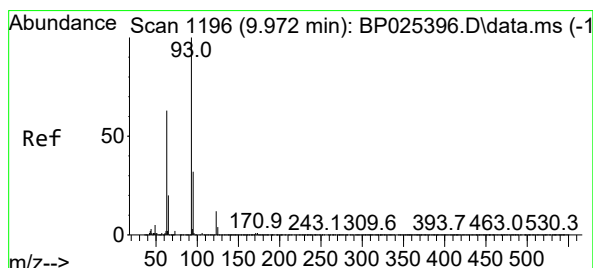
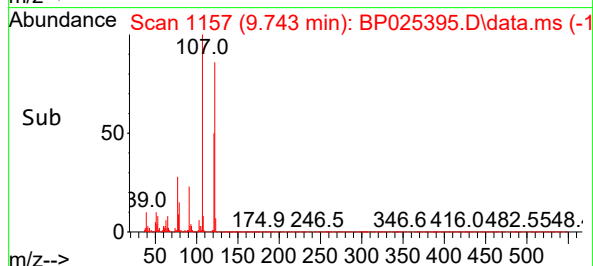
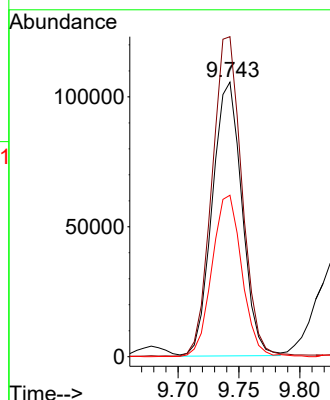
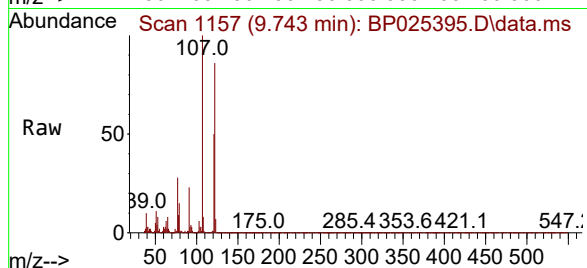
121 58.8 46.6 69.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 20.100 ng

RT: 9.972 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

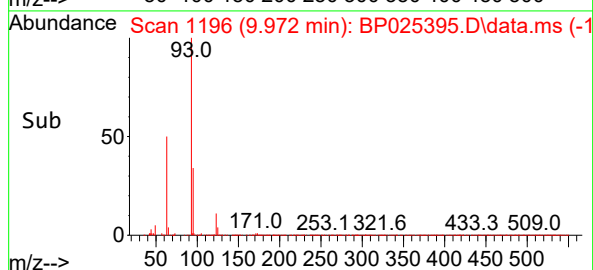
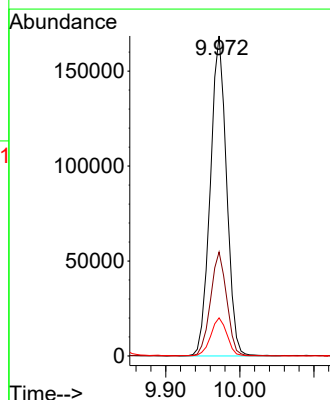
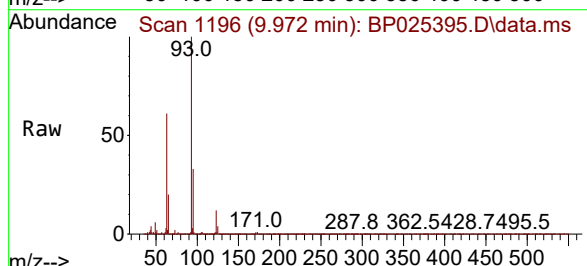
Tgt Ion: 93 Resp: 256656

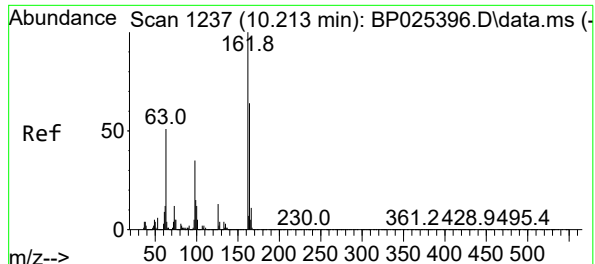
Ion Ratio Lower Upper

93 100

95 32.5 25.4 38.0

123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 19.896 ng

RT: 10.207 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 186070

Ion Ratio Lower Upper

162 100

164 64.9 44.4 84.4

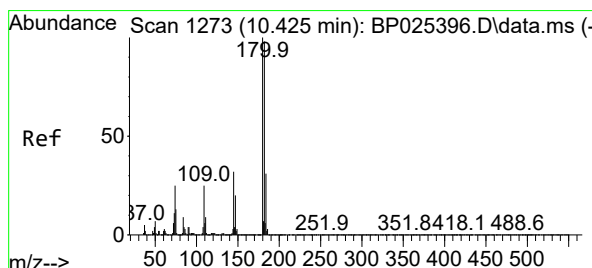
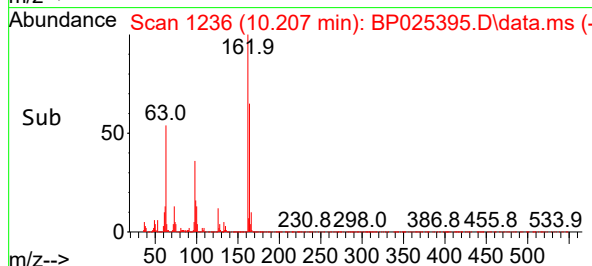
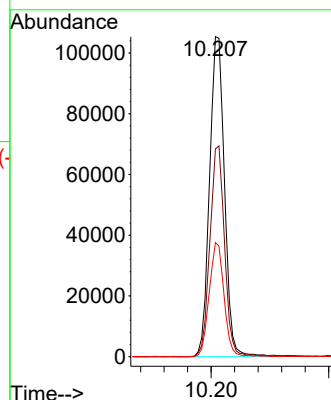
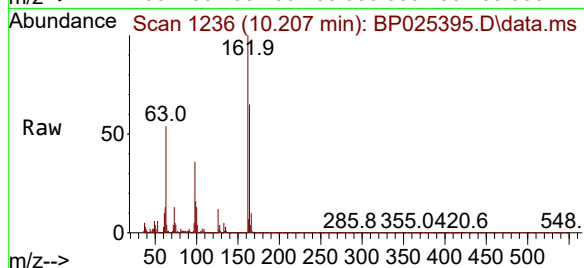
98 35.7 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 19.702 ng

RT: 10.425 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

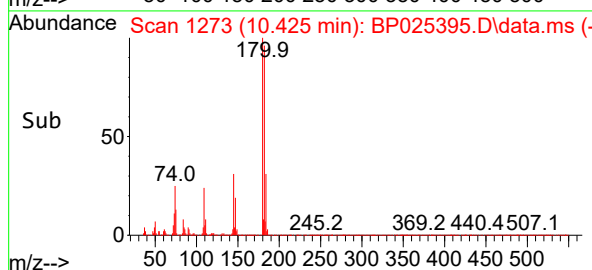
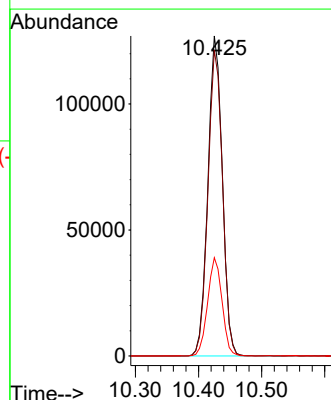
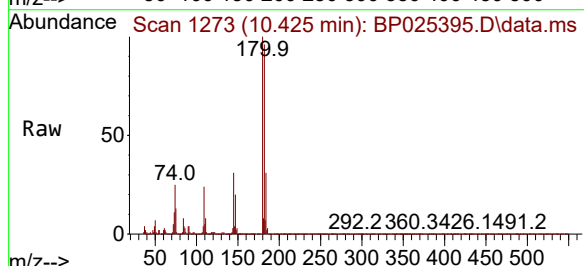
Tgt Ion:180 Resp: 201995

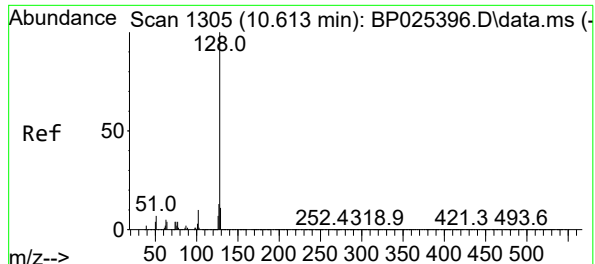
Ion Ratio Lower Upper

180 100

182 95.6 78.0 117.0

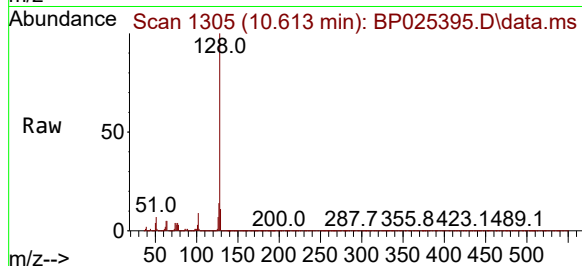
145 30.7 25.9 38.9





#31
Naphthalene
Concen: 19.944 ng
RT: 10.613 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

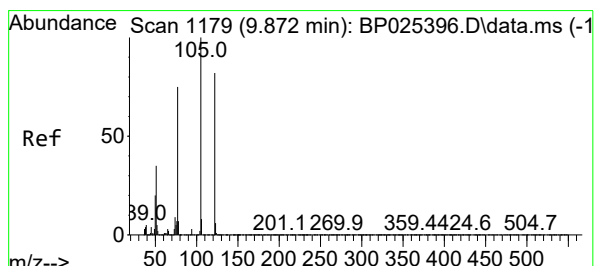
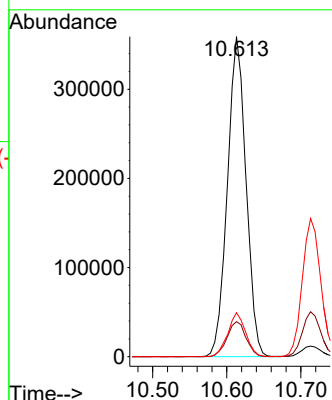
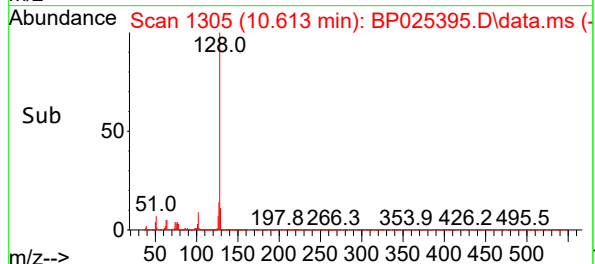
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 62589
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.7 10.7 16.1

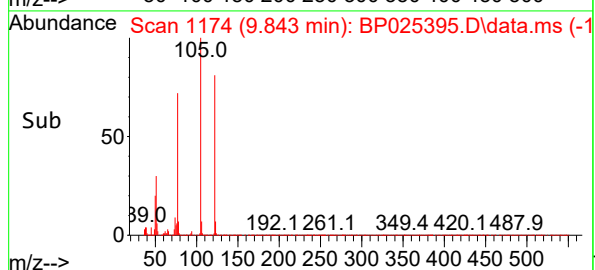
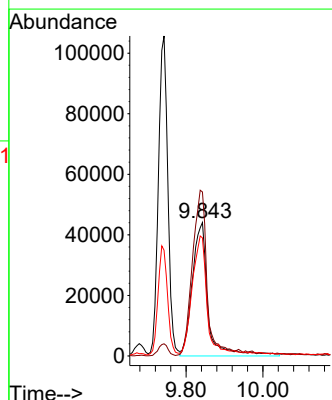
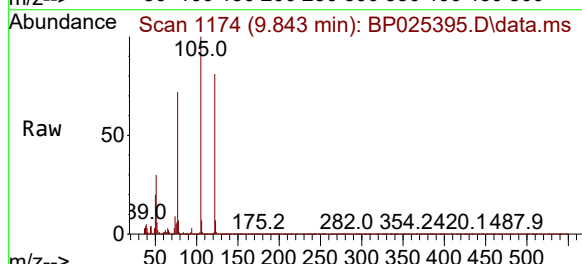
Manual Integrations
APPROVED

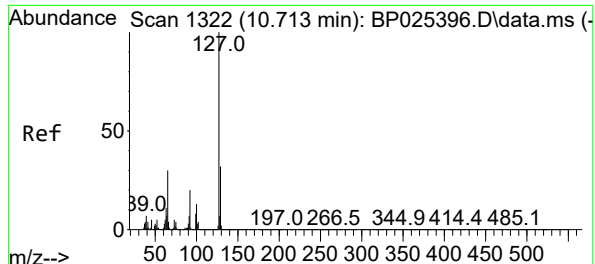
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 18.004 ng m
RT: 9.843 min Scan# 1174
Delta R.T. -0.029 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

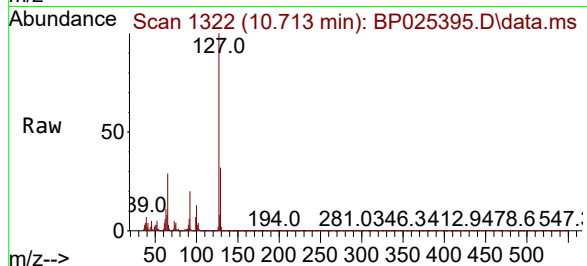
Tgt Ion:122 Resp: 124836
Ion Ratio Lower Upper
122 100
105 122.9 100.6 140.6
77 88.5 71.5 111.5





#33
4-Chloroaniline
Concen: 19.489 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

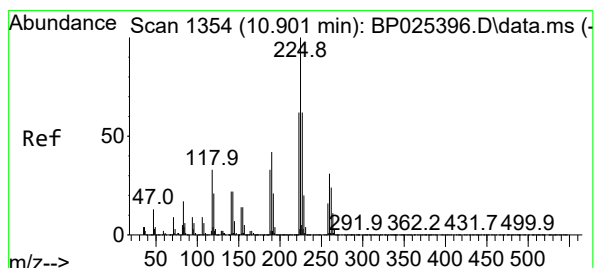
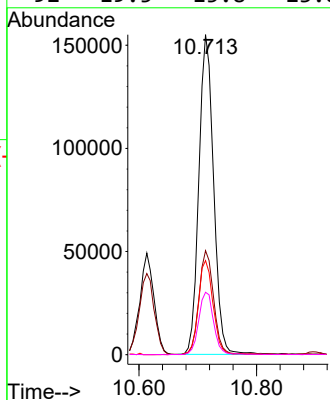
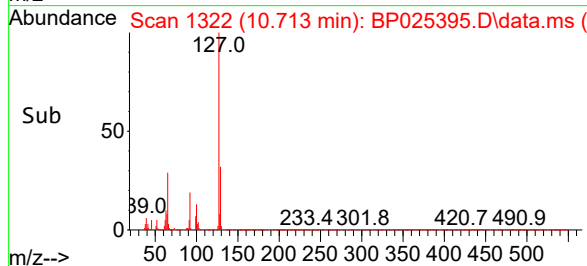
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:127 Resp: 270158
Ion Ratio Lower Upper
127 100
129 32.5 25.4 38.2
65 29.4 23.8 35.6
92 19.5 15.8 23.8

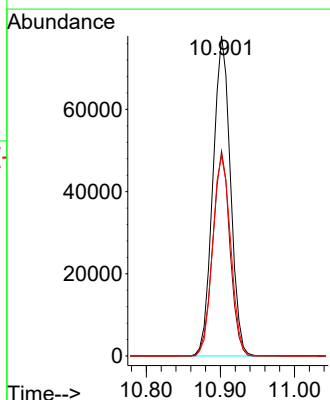
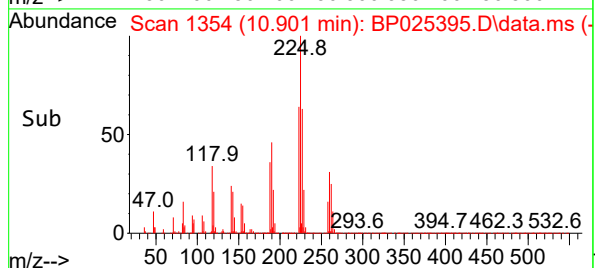
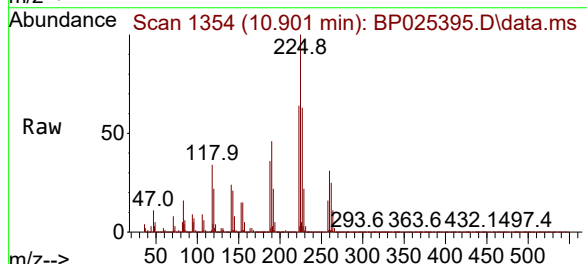
Manual Integrations
APPROVED

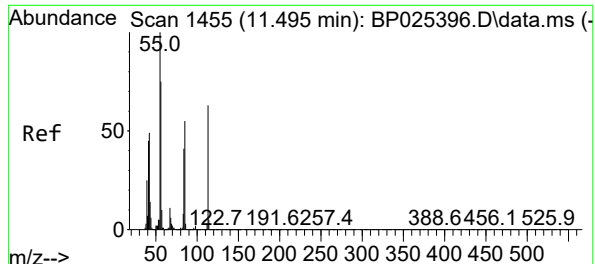
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#34
Hexachlorobutadiene
Concen: 19.983 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

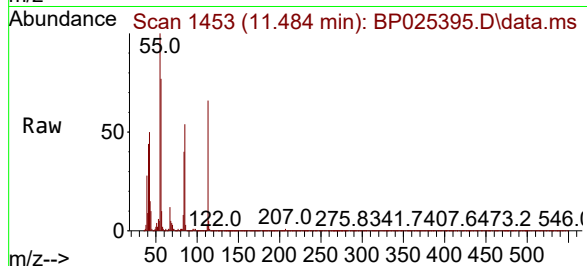
Tgt Ion:225 Resp: 127593
Ion Ratio Lower Upper
225 100
223 64.0 50.0 75.0
227 62.5 49.7 74.5





#35
Caprolactam
Concen: 19.294 ng
RT: 11.484 min Scan# 1455
Delta R.T. -0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

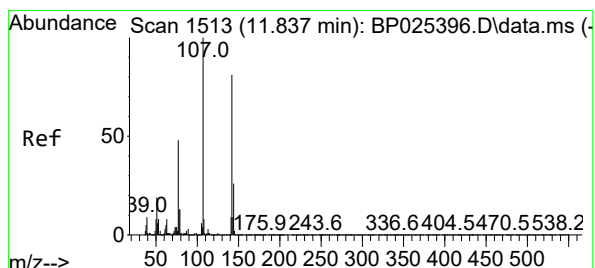
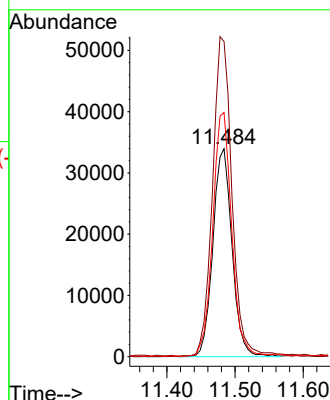
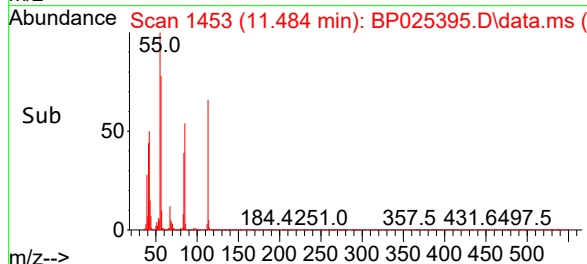
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:113 Resp: 66168
Ion Ratio Lower Upper
113 100
55 151.5 140.0 180.0
56 117.4 100.0 140.0

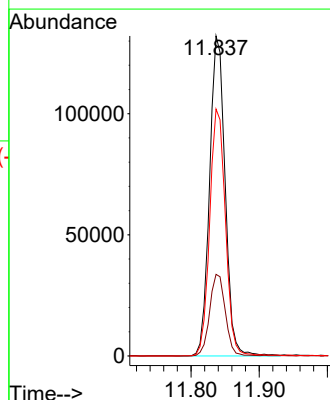
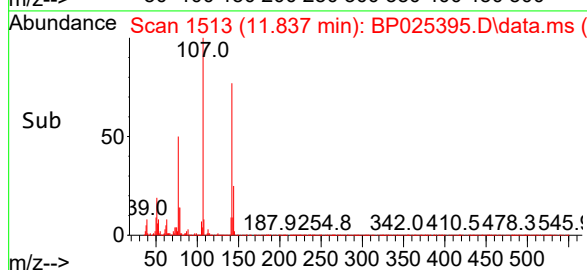
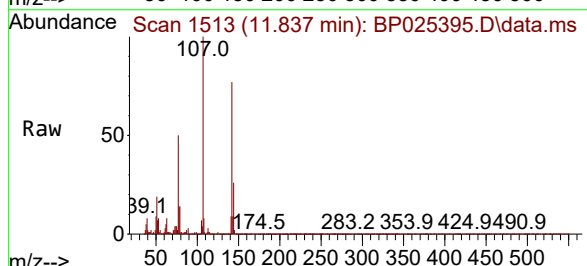
Manual Integrations
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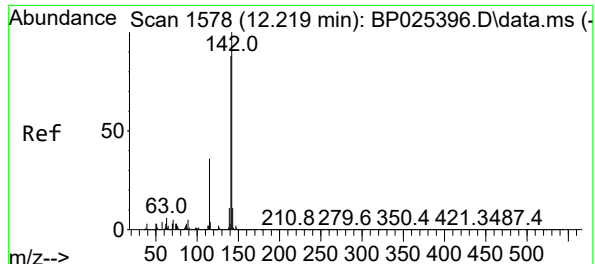
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#36
4-Chloro-3-methylphenol
Concen: 19.551 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:107 Resp: 209817
Ion Ratio Lower Upper
107 100
144 25.5 21.0 31.4
142 77.1 64.6 97.0





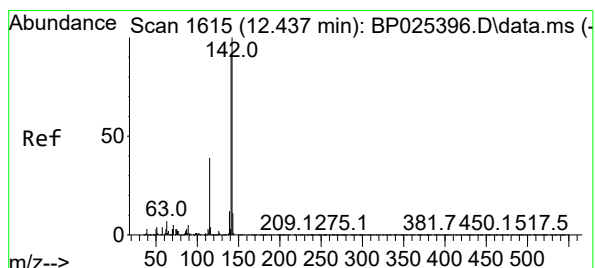
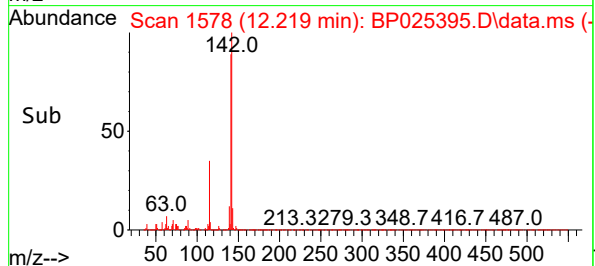
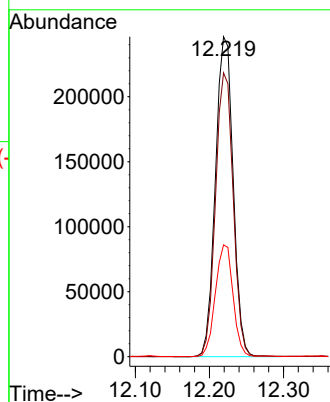
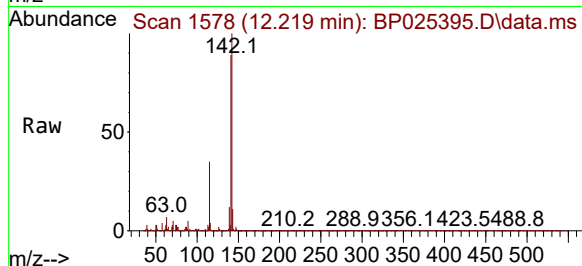
#37
2-Methylnaphthalene
Concen: 20.057 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 40961
Ion Ratio Lower Upper
142 100
141 88.7 70.3 105.5
115 35.0 28.9 43.3

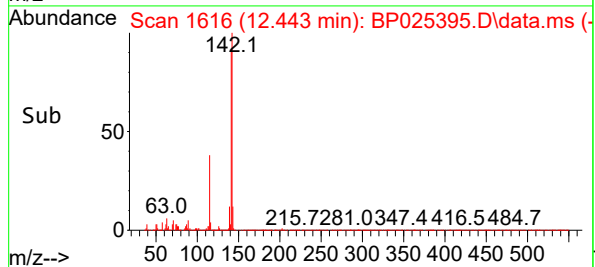
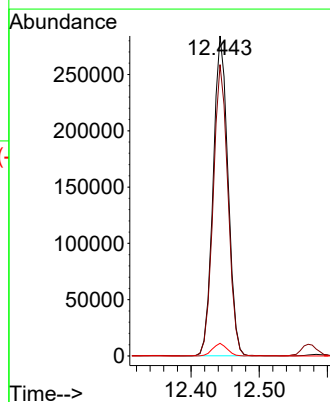
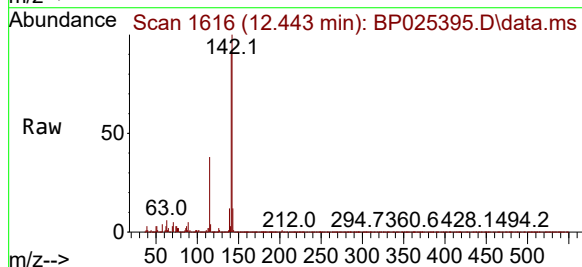
Manual Integrations
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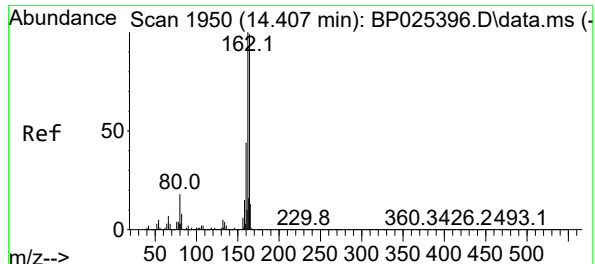
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 19.829 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

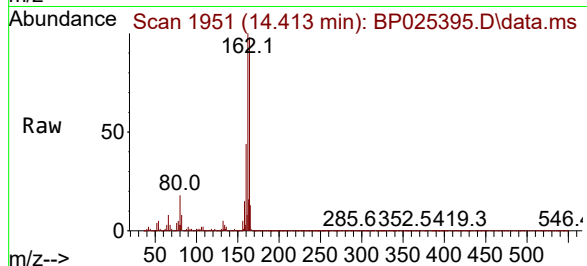
Tgt Ion:142 Resp: 430666
Ion Ratio Lower Upper
142 100
141 91.1 73.1 109.7
116 3.9 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

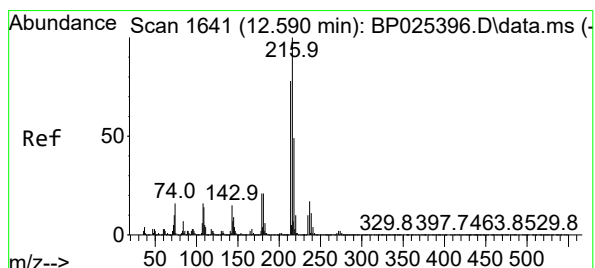
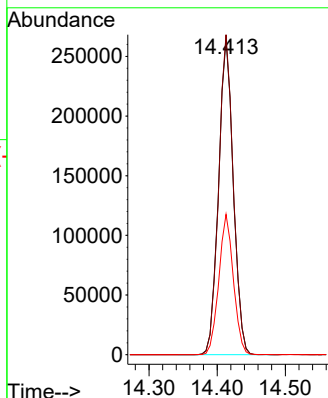
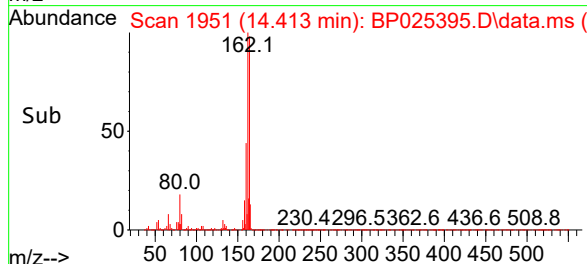
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:164 Resp: 399034
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.6
160 44.6 35.4 53.2

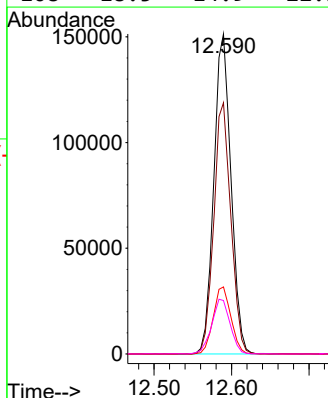
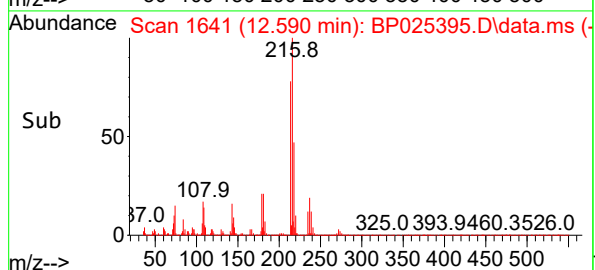
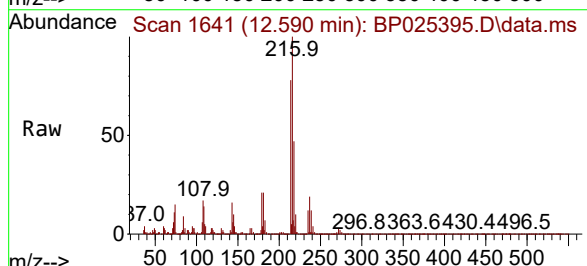
Manual Integrations
APPROVED

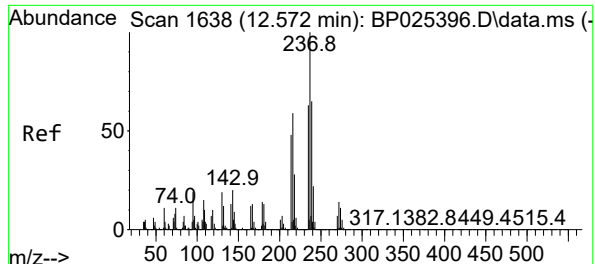
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.263 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

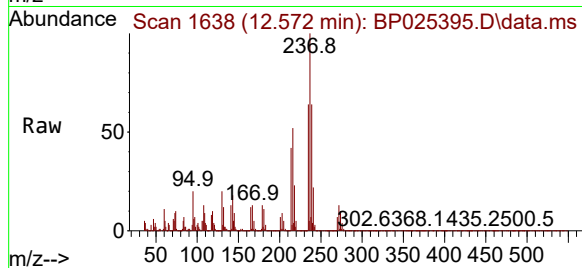
Tgt Ion:216 Resp: 233523
Ion Ratio Lower Upper
216 100
214 78.0 63.0 94.4
179 21.6 17.1 25.7
108 18.5 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 17.922 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

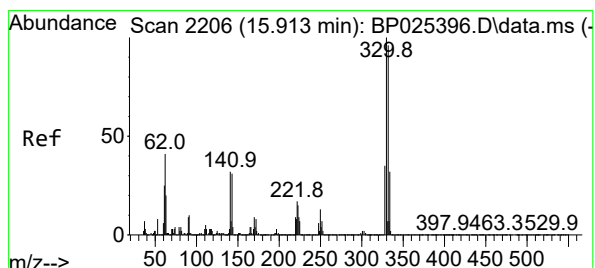
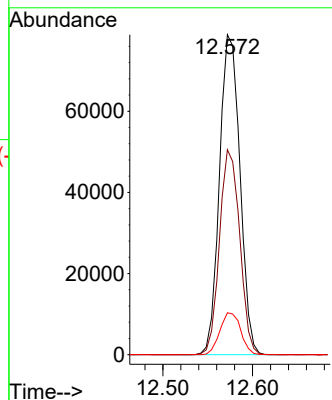
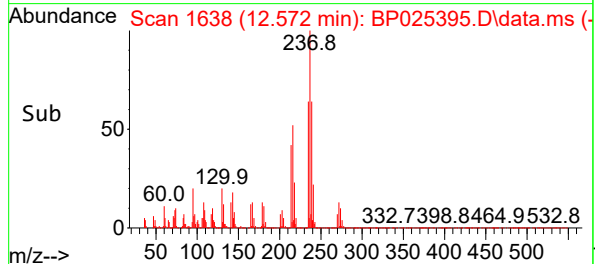
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 237 Resp: 124759
Ion Ratio Lower Upper
237 100
235 64.0 42.7 82.7
272 13.1 0.0 34.0

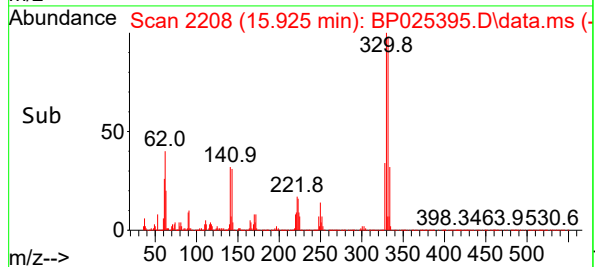
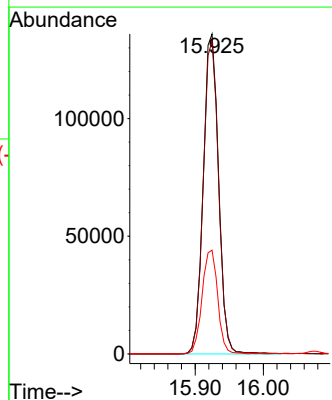
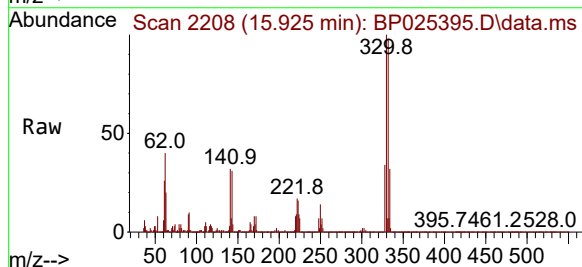
Manual Integrations
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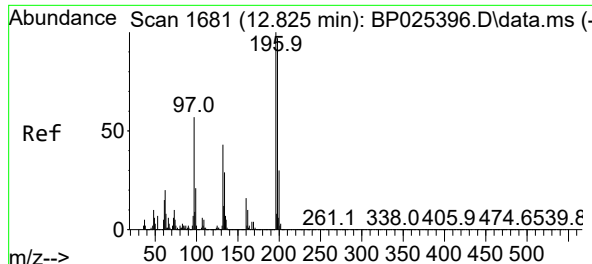
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#42
2,4,6-Tribromophenol
Concen: 39.651 ng
RT: 15.925 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

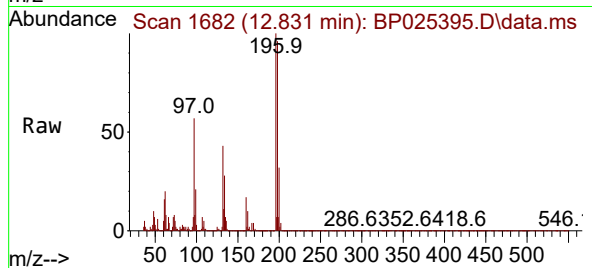
Tgt Ion: 330 Resp: 212968
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 32.8 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 19.540 ng
RT: 12.831 min Scan# 1682
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

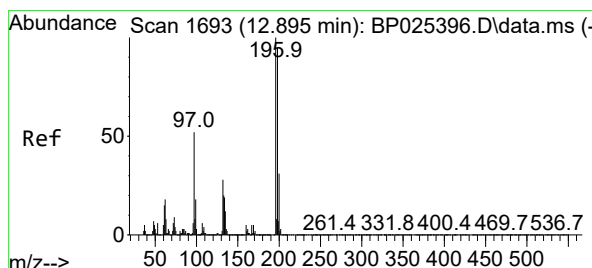
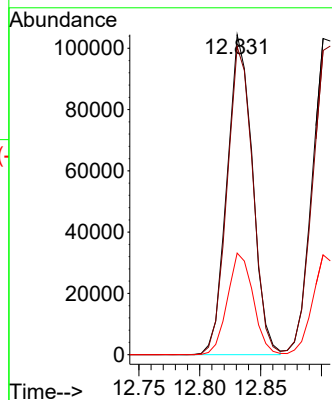
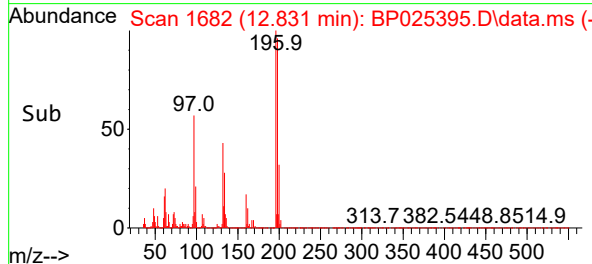
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:196 Resp: 15203
Ion Ratio Lower Upper
196 100
198 96.3 77.2 115.8
200 31.8 23.9 35.9

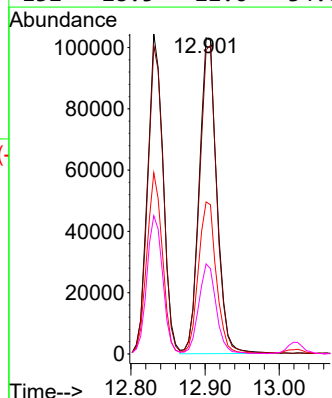
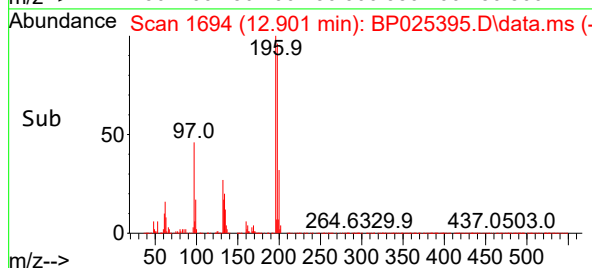
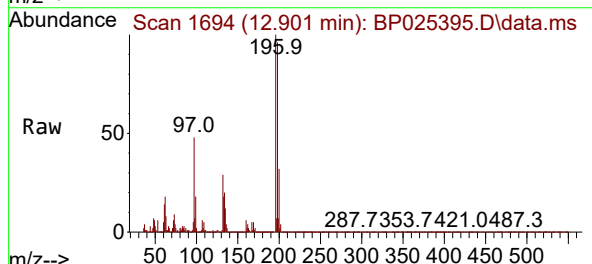
Manual Integrations
APPROVED

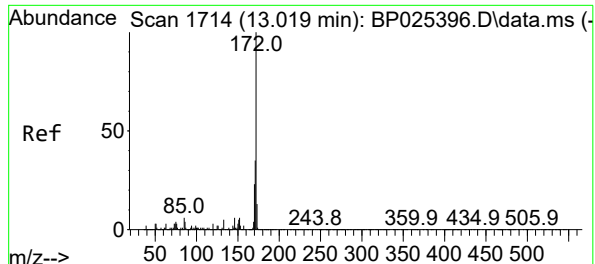
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#44
2,4,5-Trichlorophenol
Concen: 19.842 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

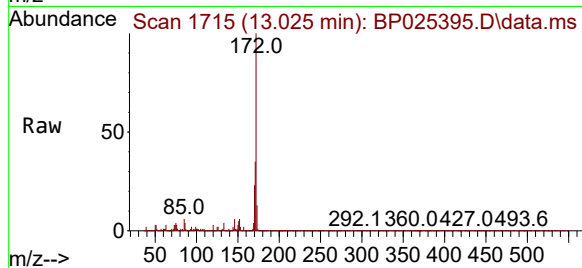
Tgt Ion:196 Resp: 169197
Ion Ratio Lower Upper
196 100
198 96.2 76.2 114.2
97 48.1 41.2 61.8
132 28.5 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 41.205 ng
RT: 13.025 min Scan# 1715
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

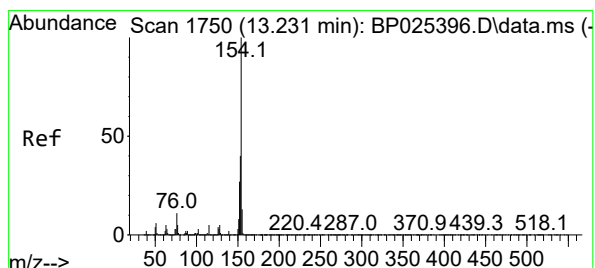
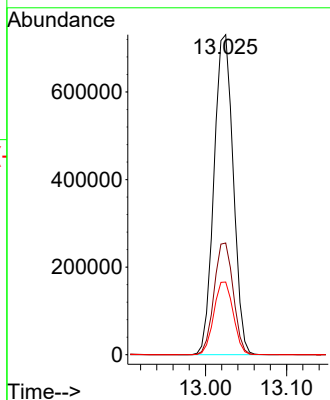
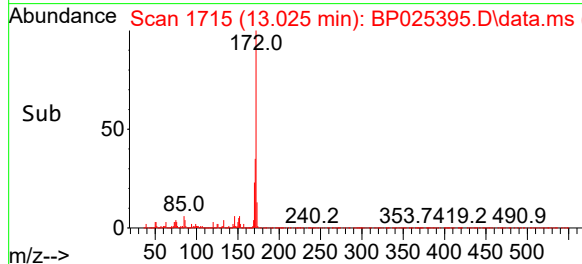
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:172 Resp: 1203064
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 22.7 18.6 28.0

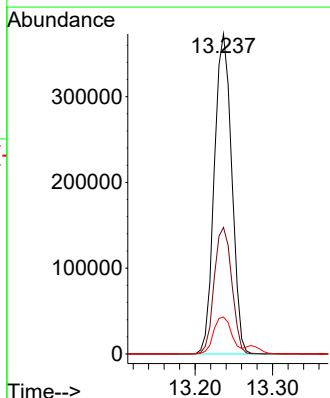
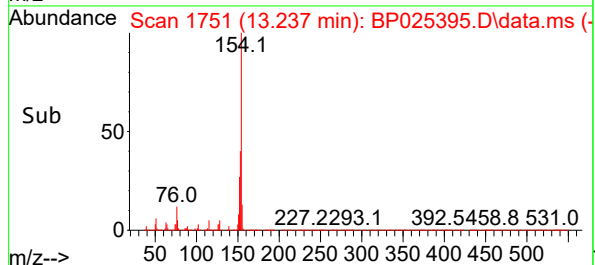
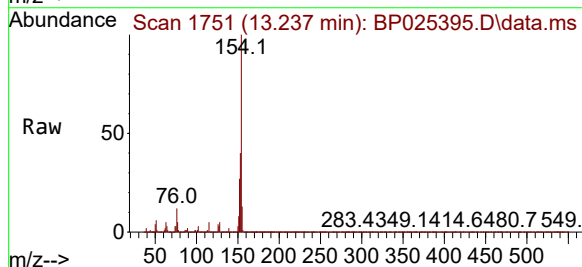
Manual Integrations
APPROVED

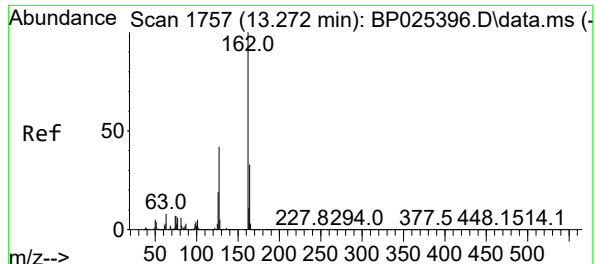
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#46
1,1'-Biphenyl
Concen: 20.064 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:154 Resp: 581464
Ion Ratio Lower Upper
154 100
153 39.5 19.5 59.5
76 11.5 0.0 31.1





#47

2-Chloronaphthalene

Concen: 20.237 ng

RT: 13.272 min Scan# 1757

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 45655

Ion Ratio Lower Upper

162 100

127 40.9 33.4 50.2

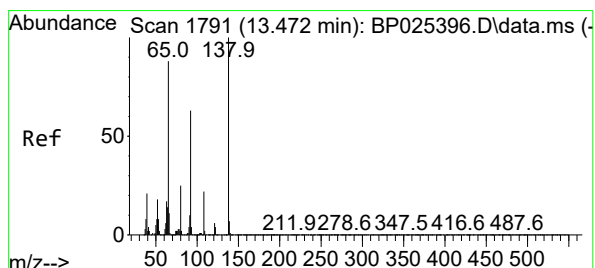
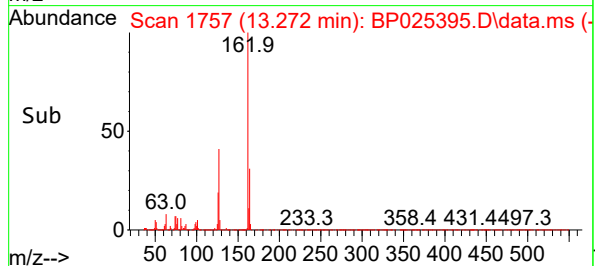
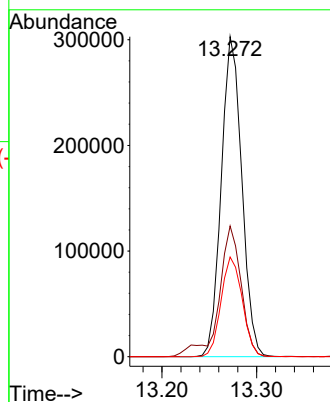
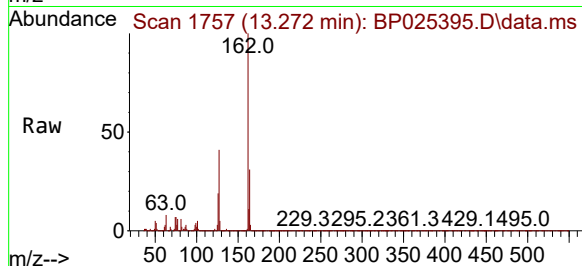
164 31.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#48

2-Nitroaniline

Concen: 19.233 ng

RT: 13.478 min Scan# 1792

Delta R.T. 0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

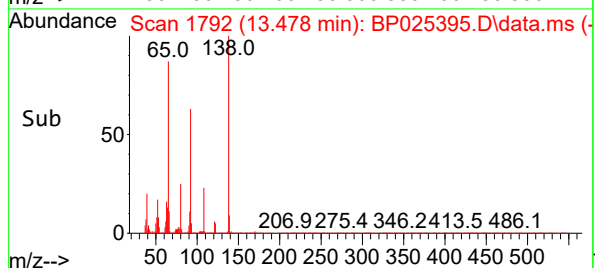
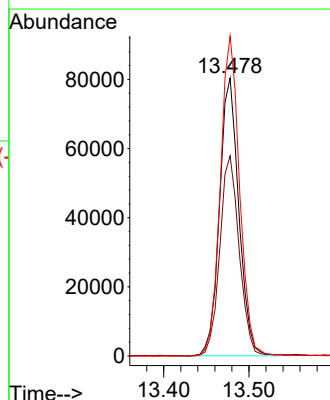
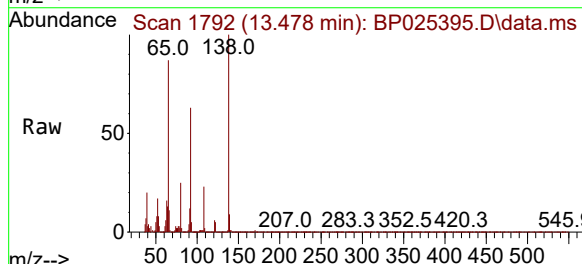
Tgt Ion: 65 Resp: 126433

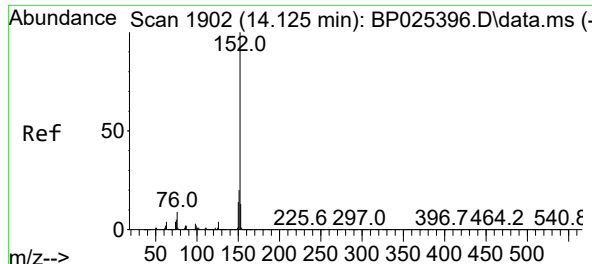
Ion Ratio Lower Upper

65 100

92 72.0 57.6 86.4

138 115.1 91.0 136.6





#49

Acenaphthylene

Concen: 19.756 ng

RT: 14.137 min Scan# 1904

Delta R.T. 0.012 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

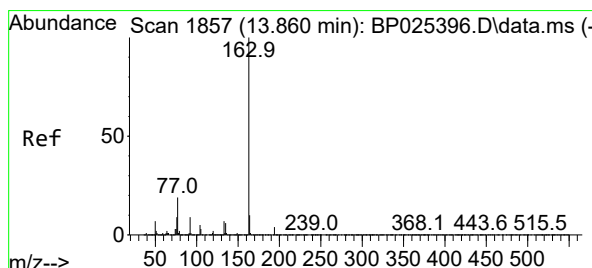
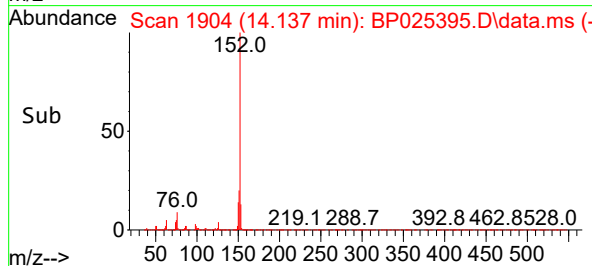
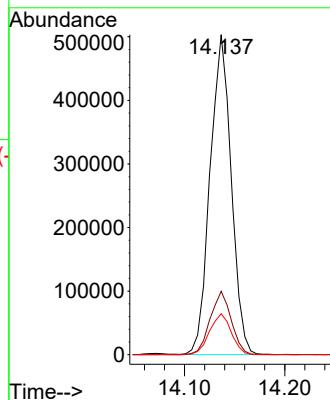
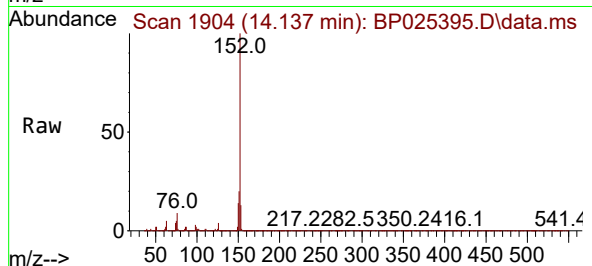
Tgt Ion:	152	Resp:	73752
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.0	24.0
153	12.8	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#50

Dimethylphthalate

Concen: 19.632 ng

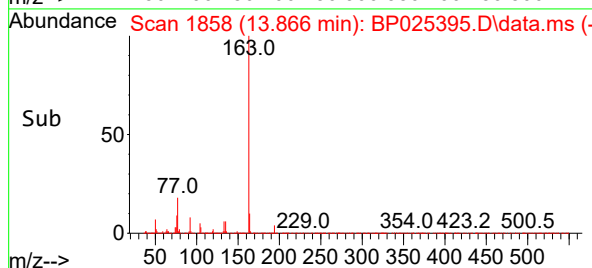
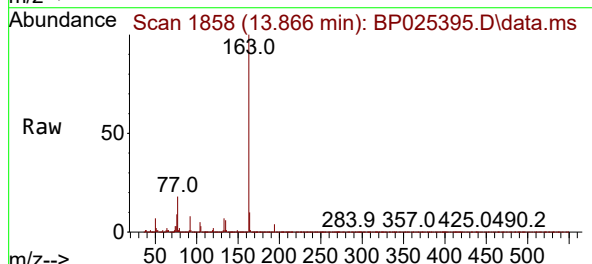
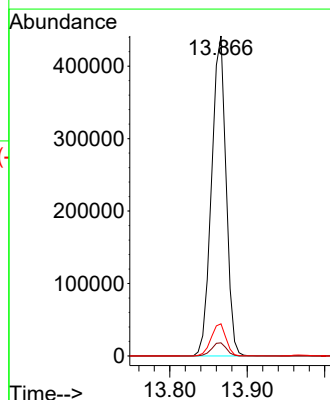
RT: 13.866 min Scan# 1858

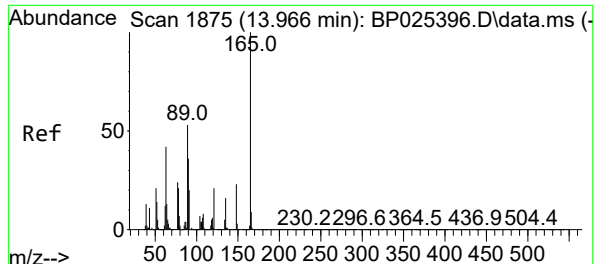
Delta R.T. 0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Tgt Ion:	163	Resp:	573661
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.0
164	10.1	7.9	11.9





#51

2,6-Dinitrotoluene

Concen: 19.597 ng

RT: 13.966 min Scan# 1875

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:165 Resp: 12069

Ion Ratio Lower Upper

165 100

63 52.9 40.9 61.3

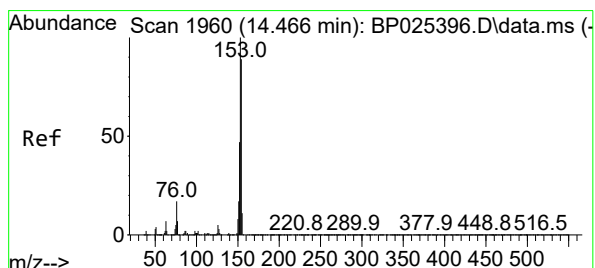
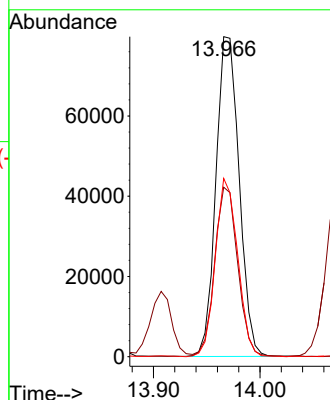
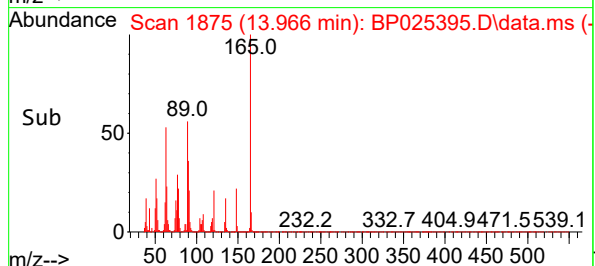
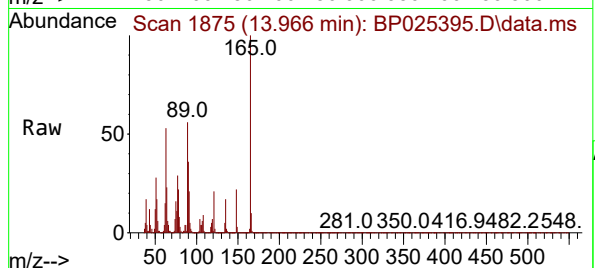
89 55.7 42.1 63.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#52

Acenaphthene

Concen: 20.027 ng m

RT: 14.484 min Scan# 1963

Delta R.T. 0.018 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

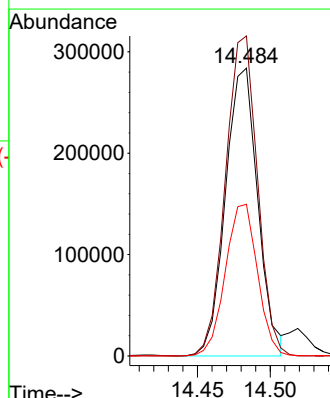
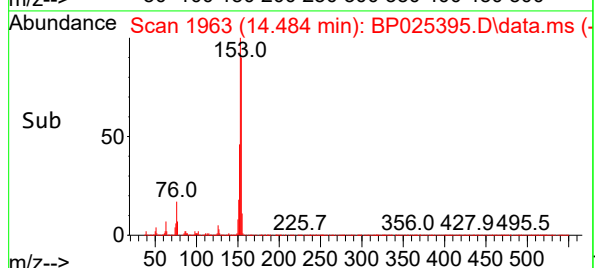
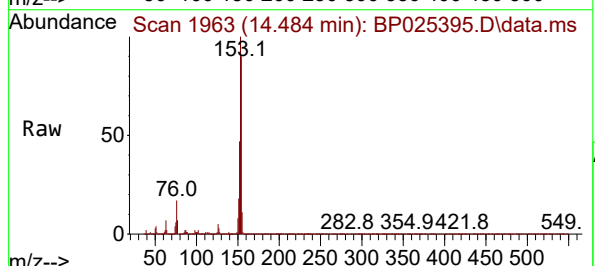
Tgt Ion:154 Resp: 438852

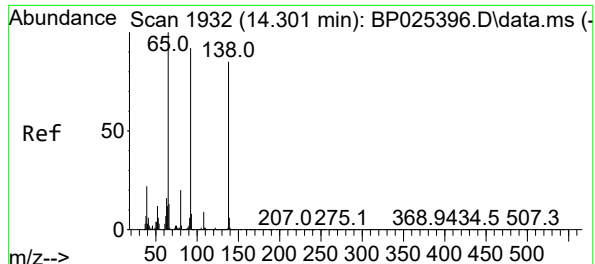
Ion Ratio Lower Upper

154 100

153 111.2 90.2 135.2

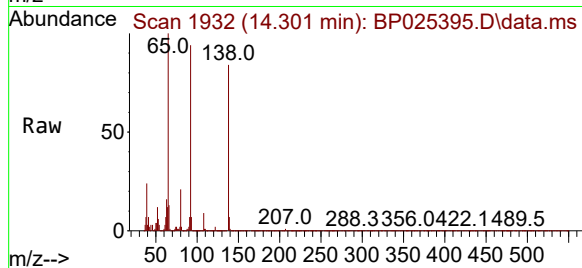
152 52.7 42.1 63.1





#53
3-Nitroaniline
Concen: 19.410 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

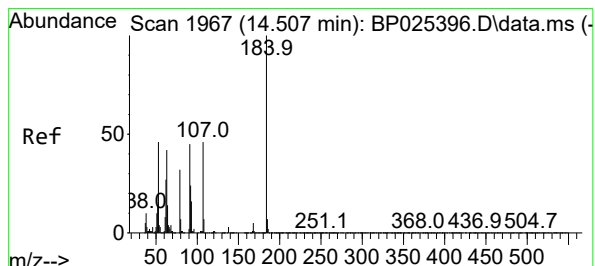
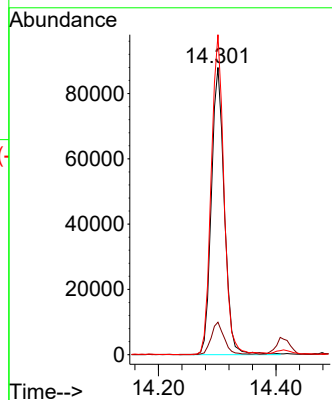
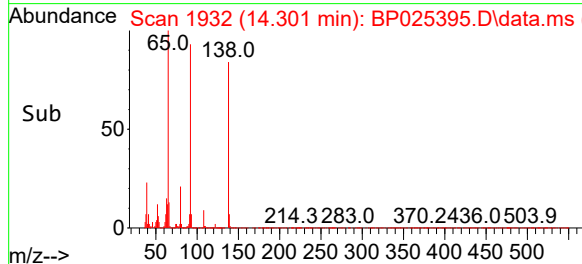
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 134502
Ion Ratio Lower Upper
138 100
108 11.3 8.3 12.5
92 111.4 86.2 129.2

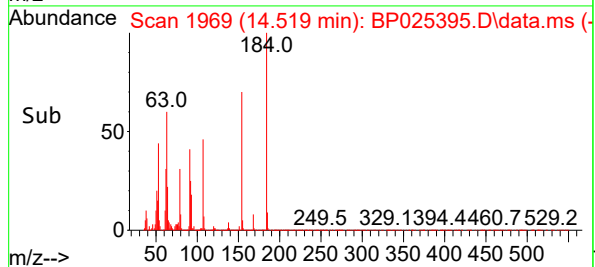
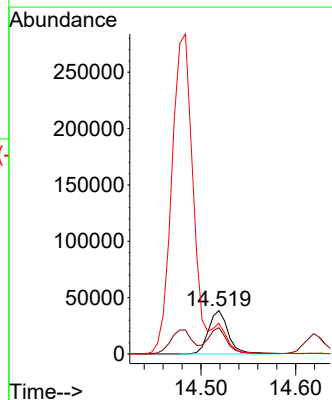
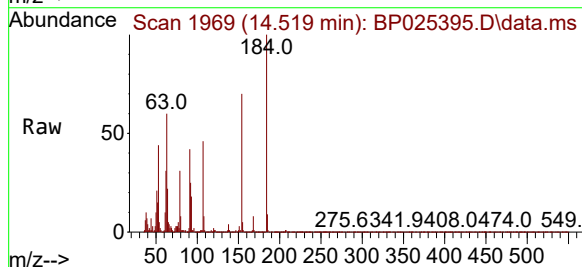
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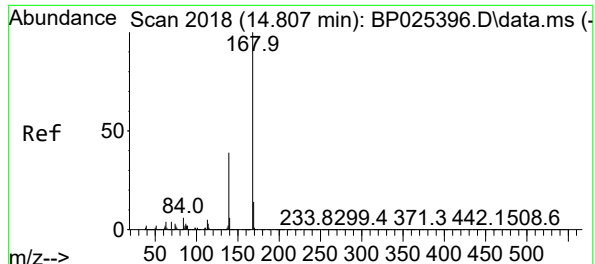
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#54
2,4-Dinitrophenol
Concen: 16.939 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:184 Resp: 55713
Ion Ratio Lower Upper
184 100
63 60.4 49.4 74.2
154 70.4 54.6 82.0





#55

Dibenzenofuran

Concen: 20.002 ng

RT: 14.819 min Scan# 2018

Delta R.T. 0.012 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 692960

Ion Ratio Lower Upper

168 100

139 38.6 31.5 47.3

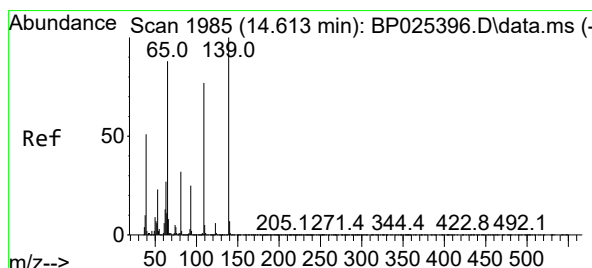
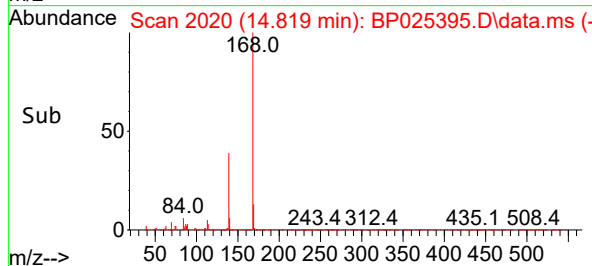
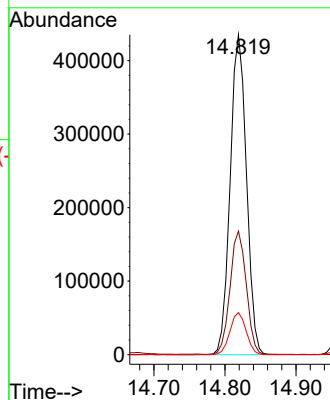
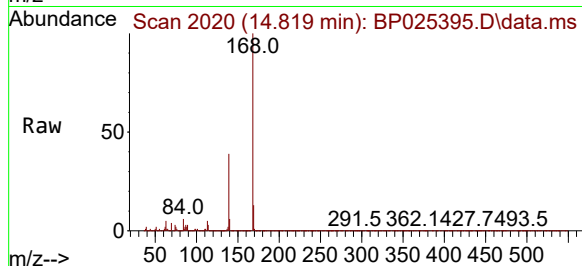
169 13.1 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#56

4-Nitrophenol

Concen: 18.578 ng

RT: 14.619 min Scan# 1986

Delta R.T. 0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

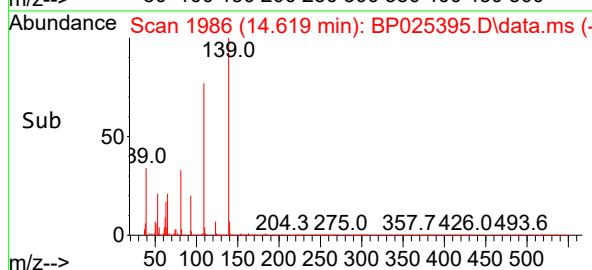
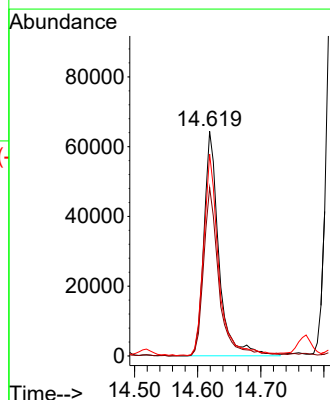
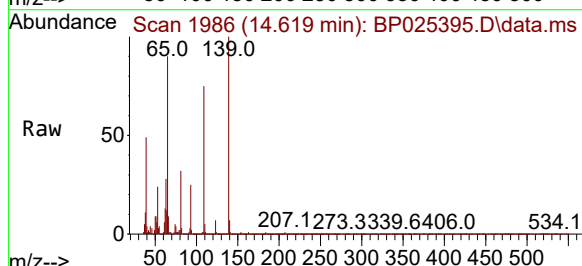
Tgt Ion:139 Resp: 105787

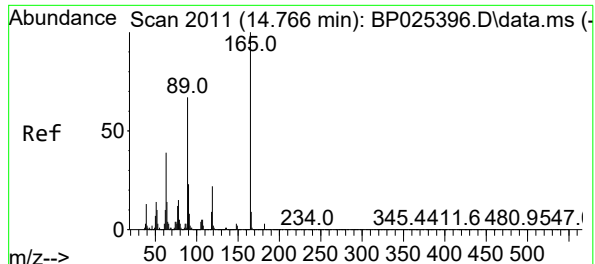
Ion Ratio Lower Upper

139 100

109 75.0 56.6 96.6

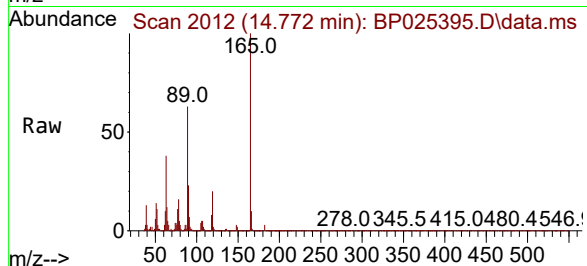
65 89.8 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 19.576 ng
RT: 14.772 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

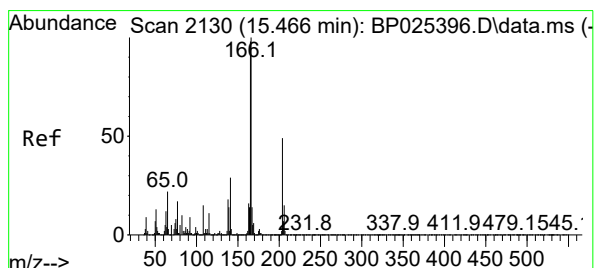
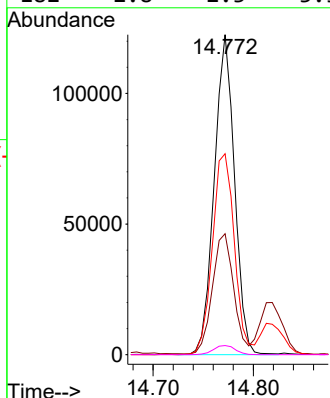
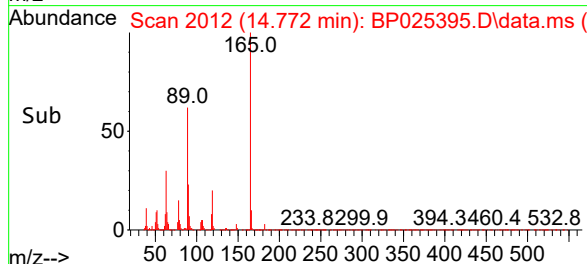
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 172020
Ion Ratio Lower Upper
165 100
63 37.8 31.4 47.2
89 62.8 53.3 79.9
182 2.8 2.3 3.5

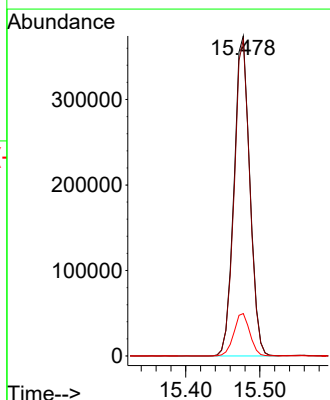
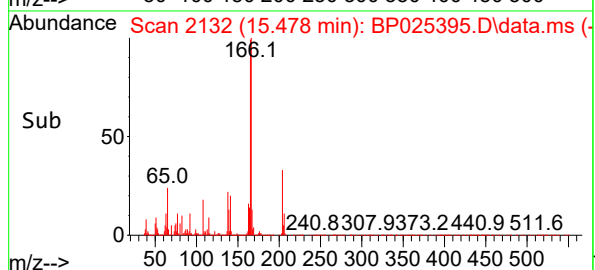
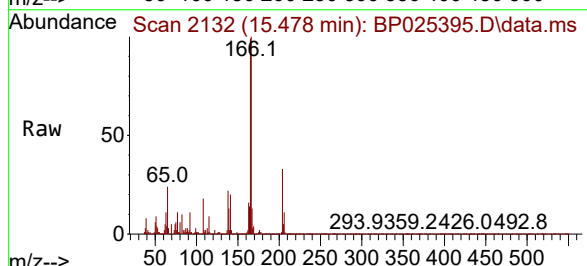
Manual Integrations
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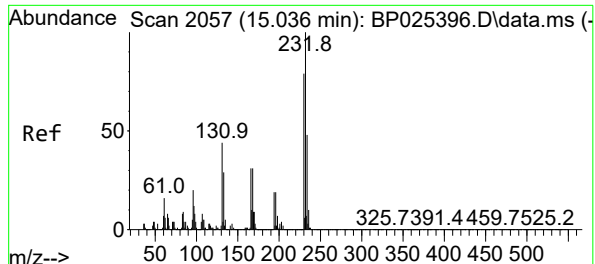
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#58
Fluorene
Concen: 20.289 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

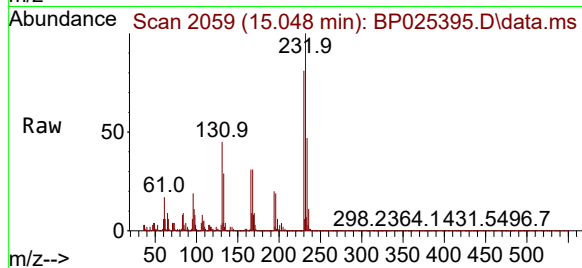
Tgt Ion:166 Resp: 554647
Ion Ratio Lower Upper
166 100
165 98.8 78.8 118.2
167 13.3 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 19.381 ng
RT: 15.048 min Scan# 2059
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

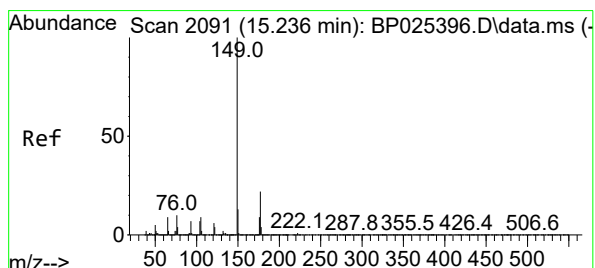
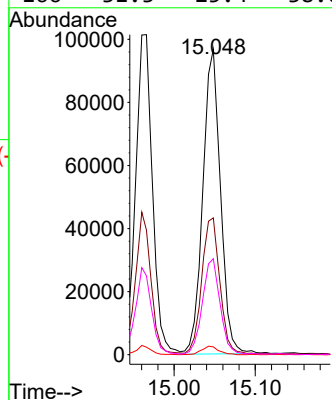
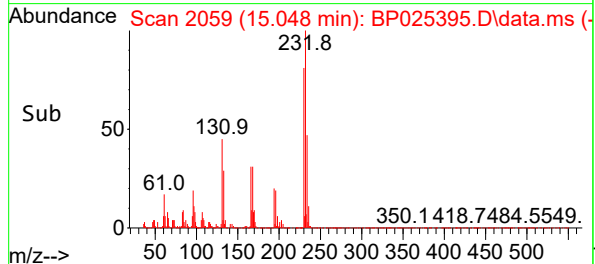
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:232 Resp: 145920
Ion Ratio Lower Upper
232 100
131 45.5 37.0 55.6
130 2.7 1.9 2.9
166 31.3 25.4 38.0

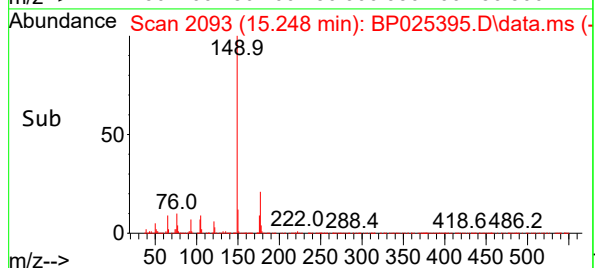
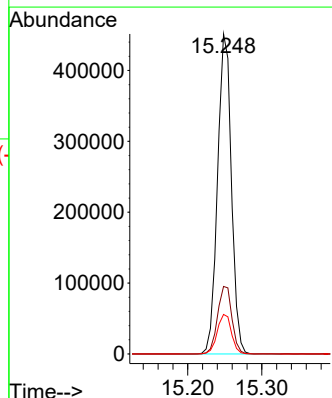
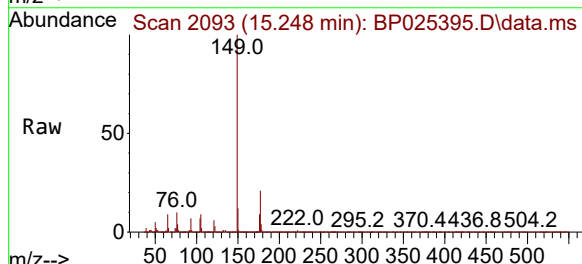
Manual Integrations
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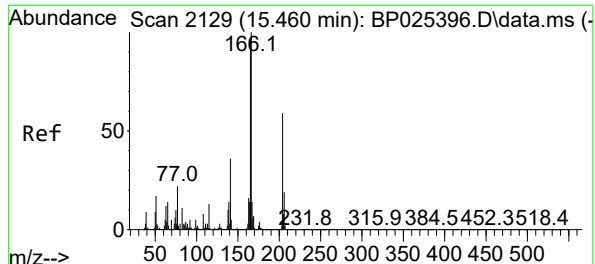
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#60
Diethylphthalate
Concen: 19.689 ng
RT: 15.248 min Scan# 2093
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:149 Resp: 584590
Ion Ratio Lower Upper
149 100
177 21.1 17.3 25.9
150 12.4 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 19.929 ng
RT: 15.472 min Scan# 2113
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

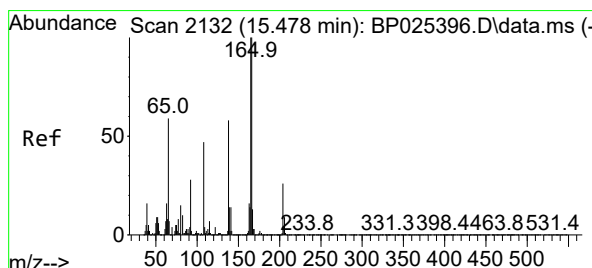
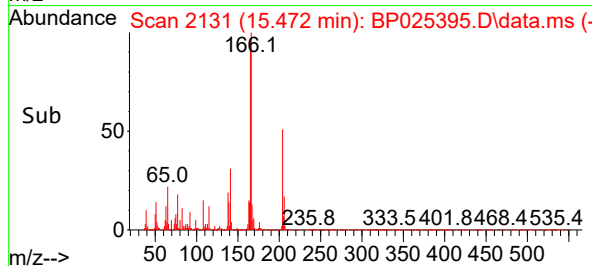
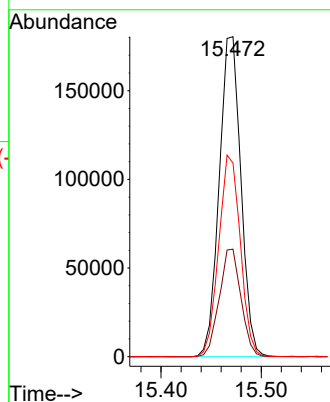
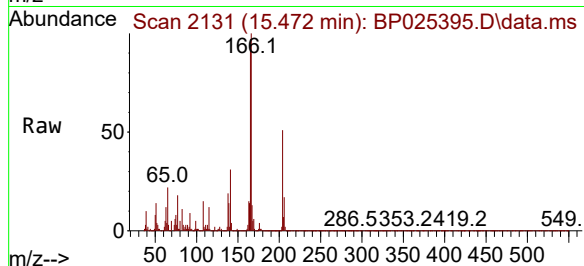
SSTDICC020

Tgt Ion:204 Resp: 270949
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.8
141 60.5 49.4 74.2

Manual Integrations

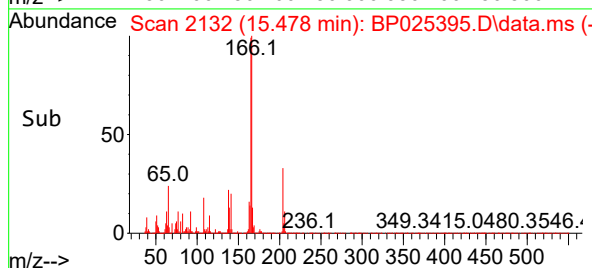
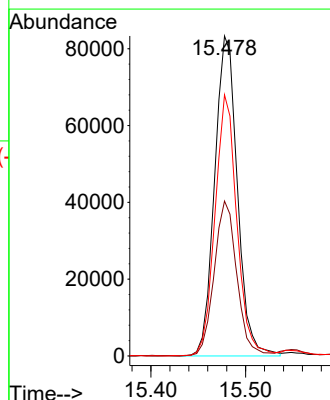
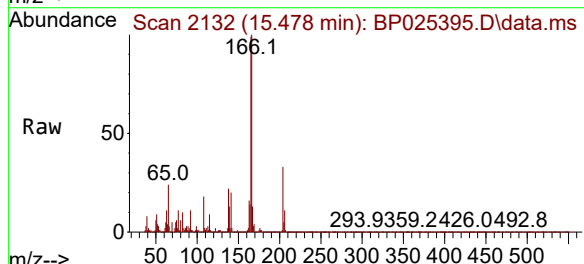
APPROVED

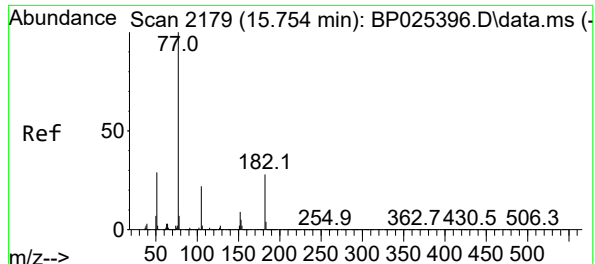
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#62
4-Nitroaniline
Concen: 19.595 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

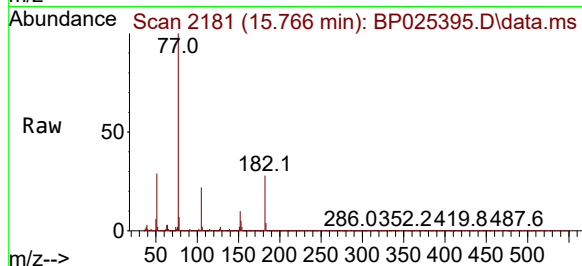
Tgt Ion:138 Resp: 139202
Ion Ratio Lower Upper
138 100
92 48.4 29.1 69.1
108 81.6 61.5 101.5





#63
Azobenzene
Concen: 20.004 ng
RT: 15.766 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

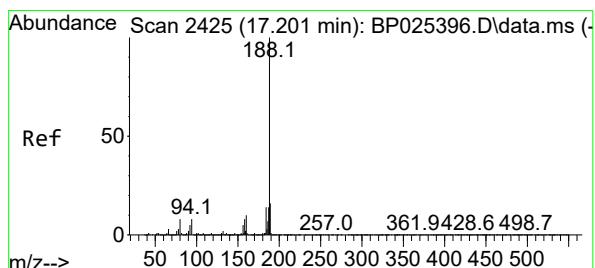
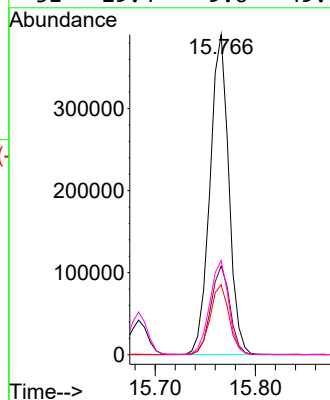
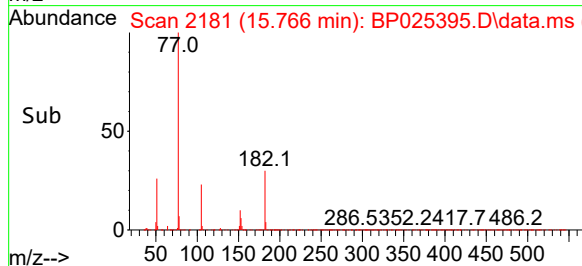
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



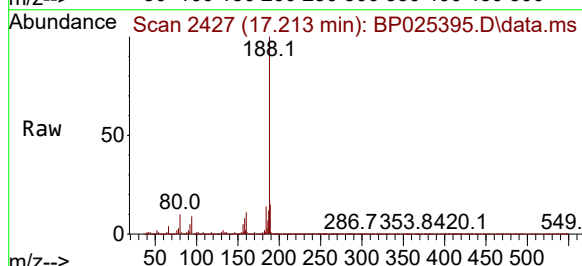
Tgt Ion: 77 Resp: 50856
Ion Ratio Lower Upper
77 100
182 27.7 7.5 47.5
105 21.9 2.1 42.1
51 29.4 9.6 49.6

Manual Integrations
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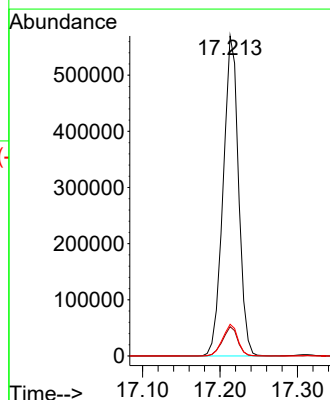
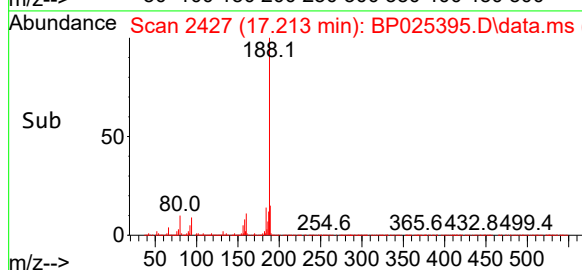
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

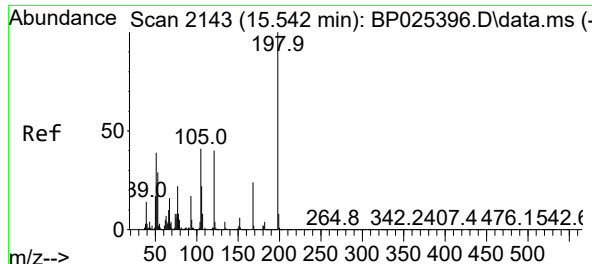


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38



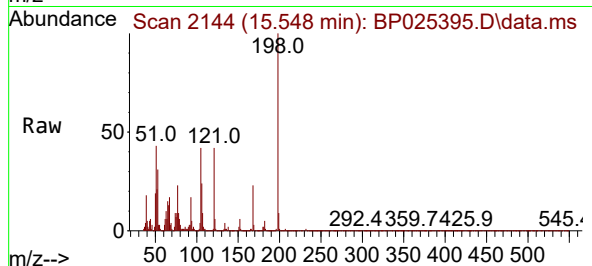
Tgt Ion:188 Resp: 785736
Ion Ratio Lower Upper
188 100
94 9.1 6.6 10.0
80 9.9 6.7 10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 18.169 ng
RT: 15.548 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

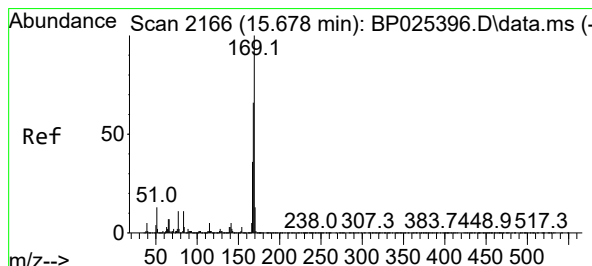
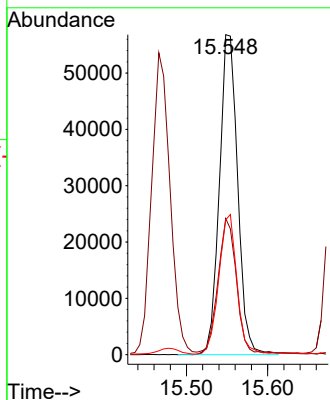
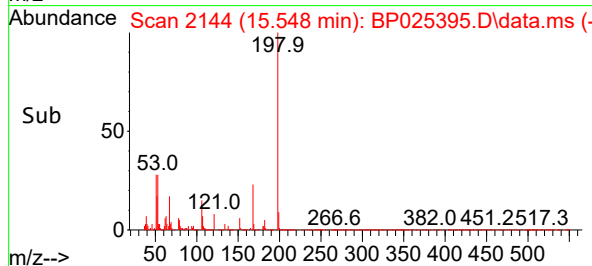
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:198 Resp: 88992
Ion Ratio Lower Upper
198 100
51 42.6 19.6 59.6
105 42.2 20.9 60.9

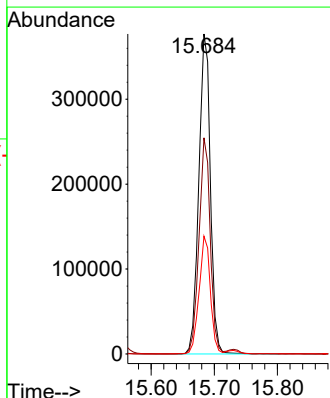
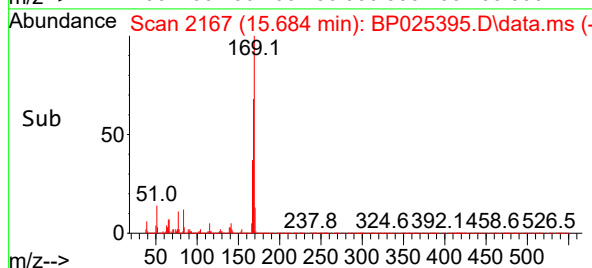
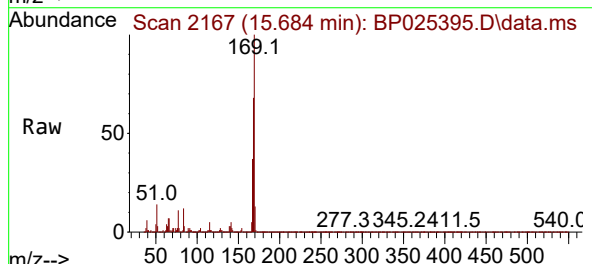
Manual Integrations
APPROVED

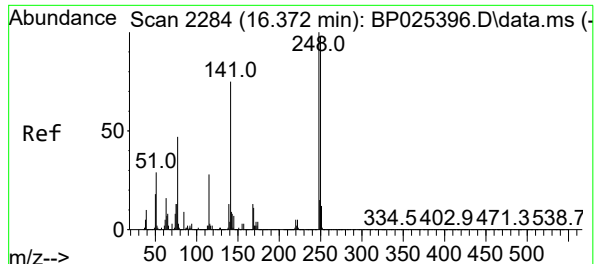
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 19.911 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:169 Resp: 477080
Ion Ratio Lower Upper
169 100
168 67.5 53.2 79.8
167 36.8 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 19.758 ng

RT: 16.389 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:248 Resp: 170738

Ion Ratio Lower Upper

248 100

250 101.4 78.2 117.2

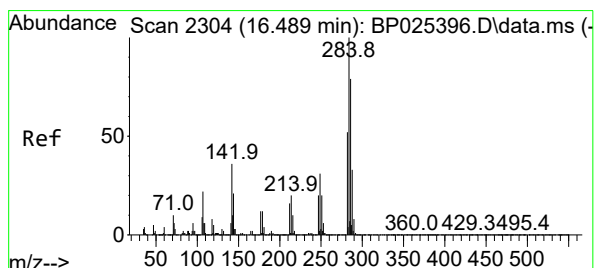
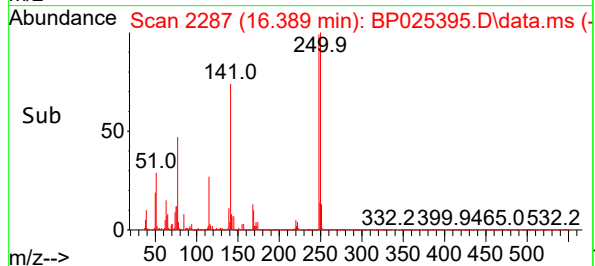
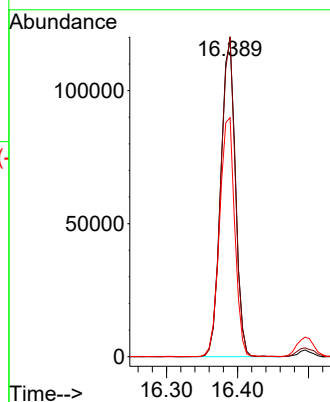
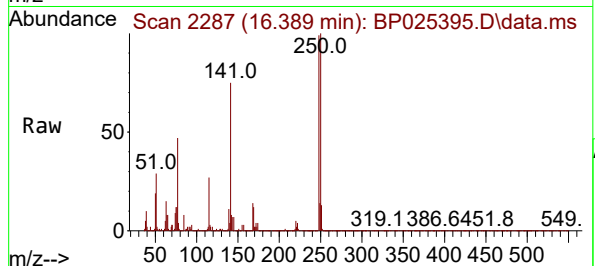
141 75.7 59.6 89.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#68

Hexachlorobenzene

Concen: 19.906 ng

RT: 16.495 min Scan# 2305

Delta R.T. 0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

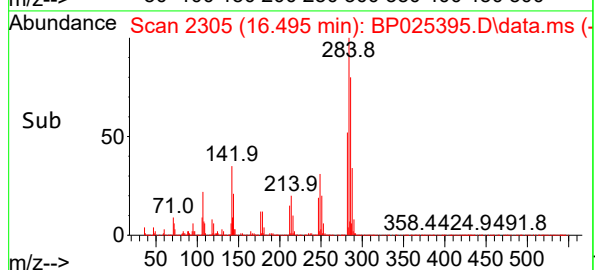
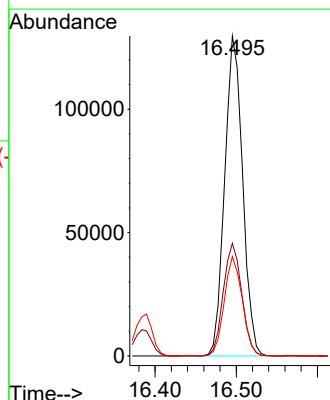
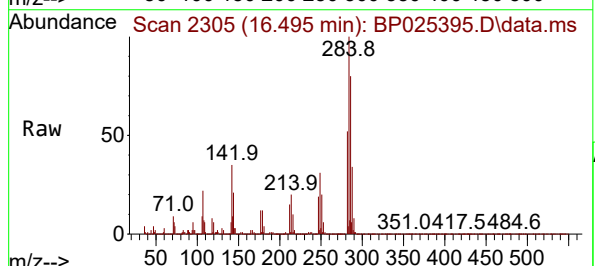
Tgt Ion:284 Resp: 199410

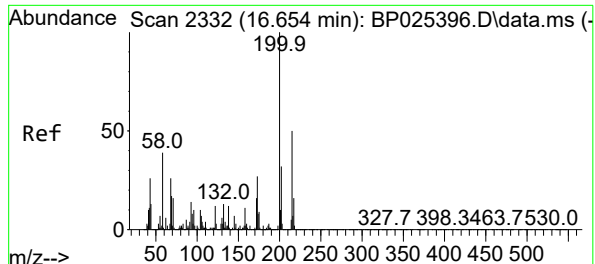
Ion Ratio Lower Upper

284 100

142 35.2 29.1 43.7

249 31.0 25.0 37.4





#69

Atrazine

Concen: 20.006 ng

RT: 16.666 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 17951

Ion Ratio Lower Upper

200 100

173 26.4 6.7 46.7

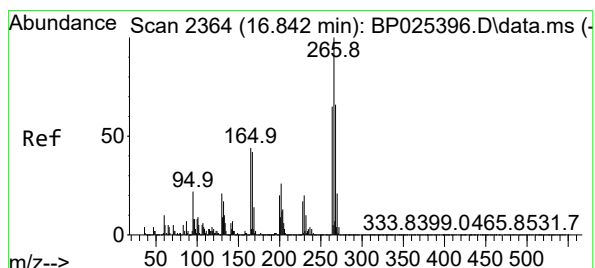
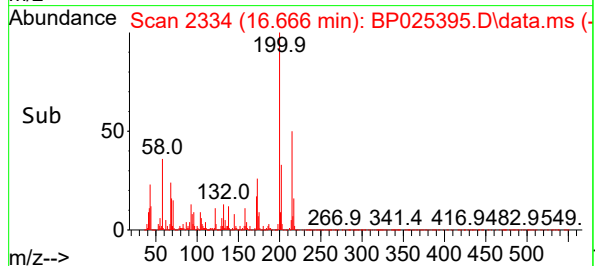
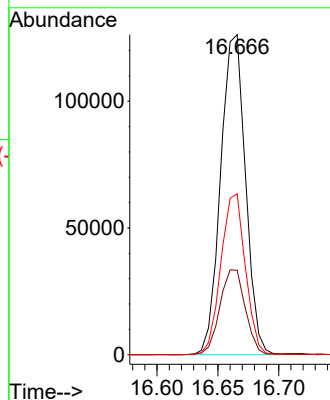
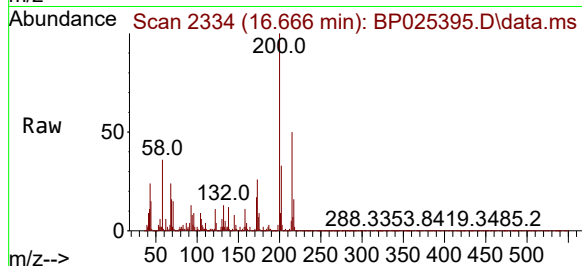
215 50.3 29.7 69.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#70

Pentachlorophenol

Concen: 19.128 ng

RT: 16.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

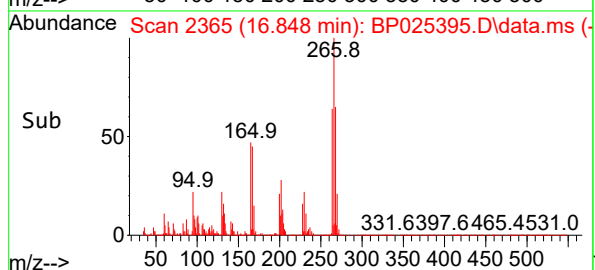
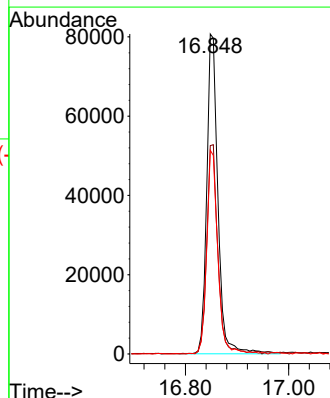
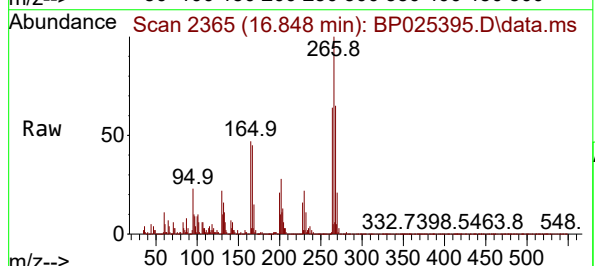
Tgt Ion:266 Resp: 120958

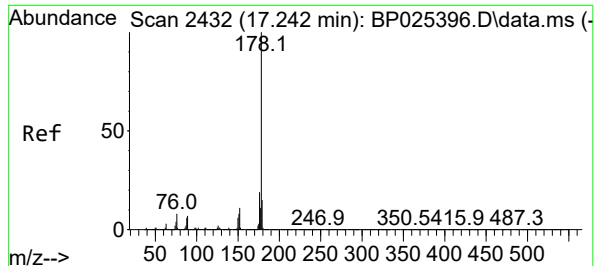
Ion Ratio Lower Upper

266 100

268 65.1 52.6 79.0

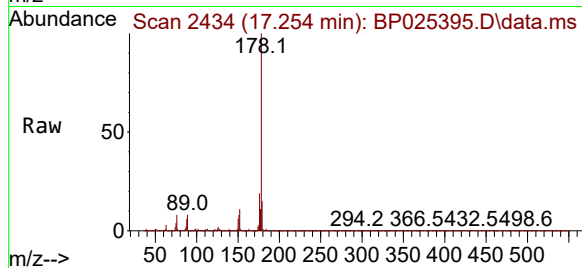
264 63.6 52.0 78.0





#71
Phenanthrene
Concen: 20.223 ng
RT: 17.254 min Scan# 2432
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

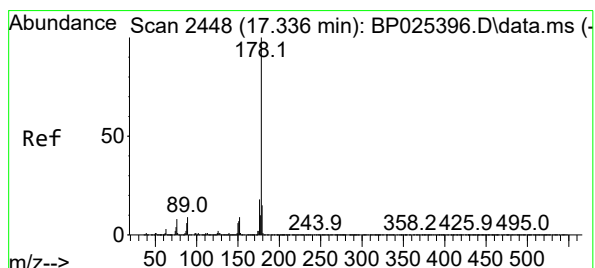
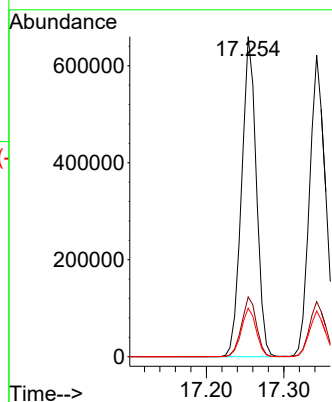
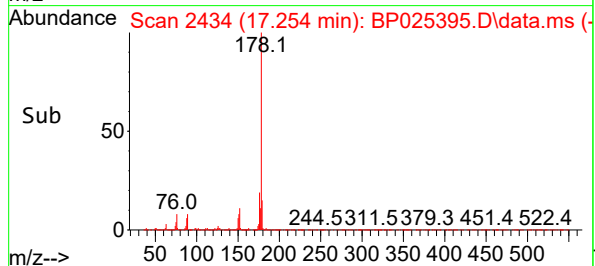
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 872890
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 15.2 12.2 18.4

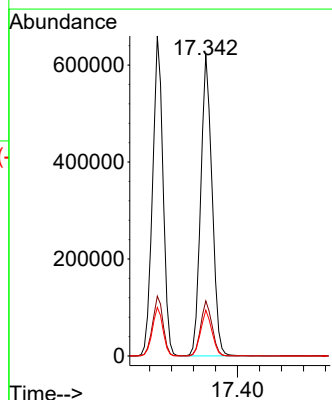
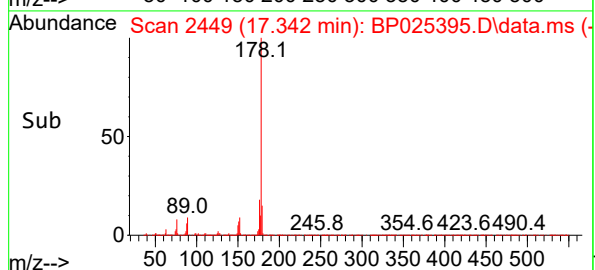
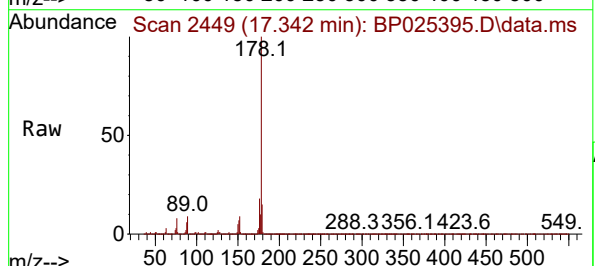
Manual Integrations
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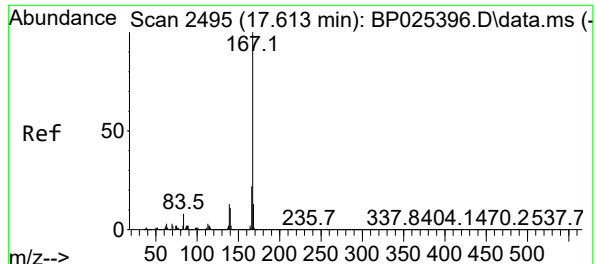
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 20.198 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

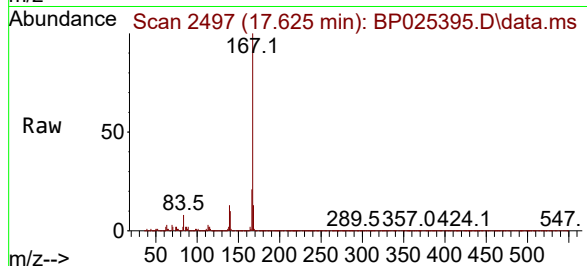
Tgt Ion:178 Resp: 890292
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.2 12.2 18.2





#73
Carbazole
Concen: 20.328 ng
RT: 17.625 min Scan# 2497
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

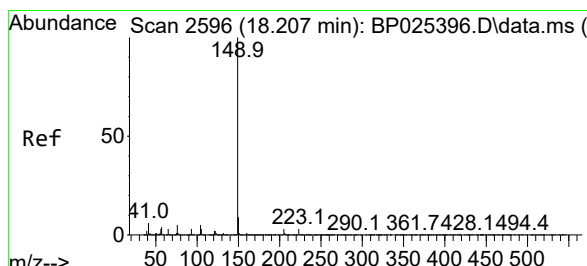
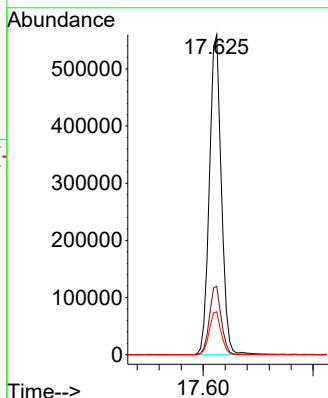
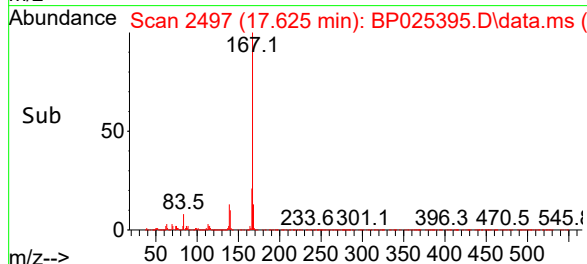
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:167 Resp: 843970
Ion Ratio Lower Upper
167 100
166 21.4 17.5 26.3
139 13.4 10.6 16.0

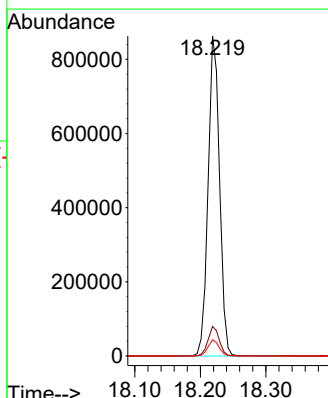
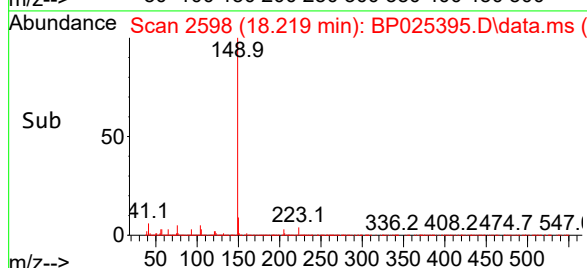
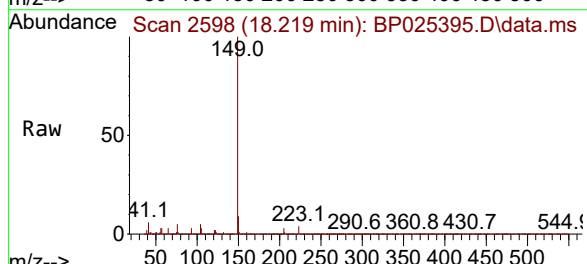
Manual Integrations
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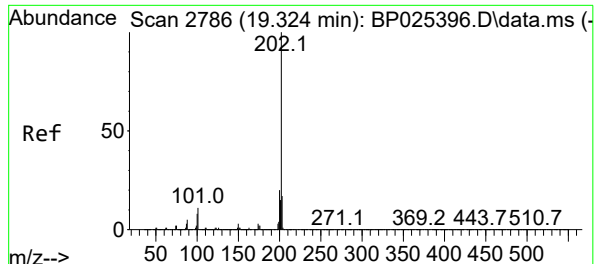
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#74
Di-n-butylphthalate
Concen: 20.491 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

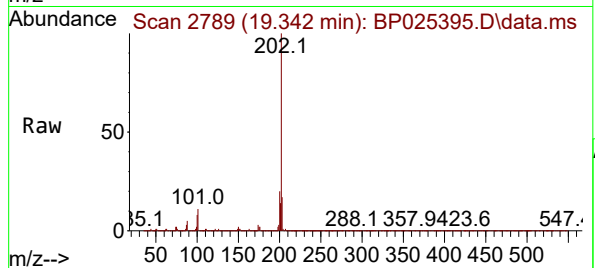
Tgt Ion:149 Resp: 1046709
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 20.567 ng
RT: 19.342 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

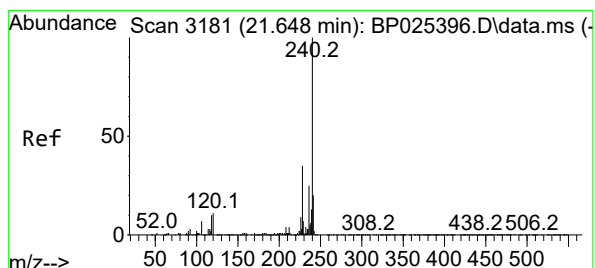
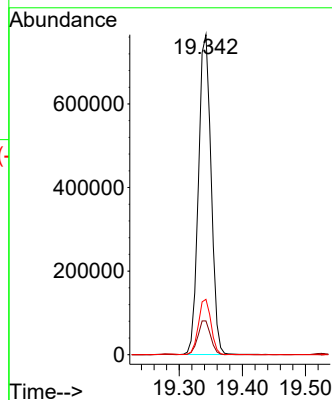
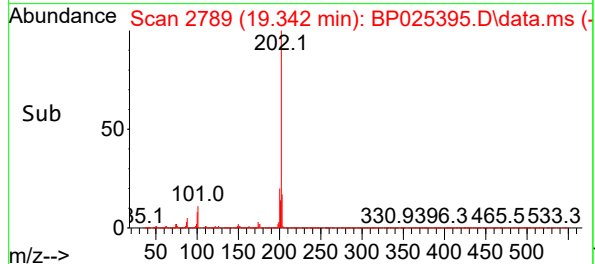
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 105891
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.1
203 17.3 0.0 37.3

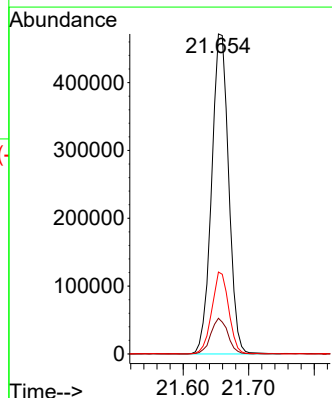
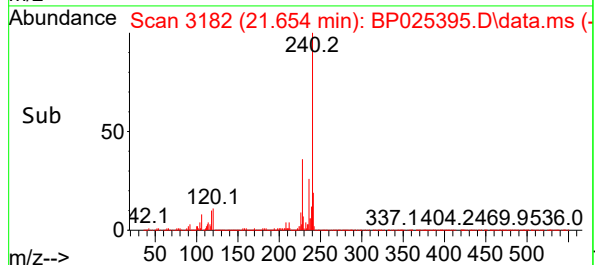
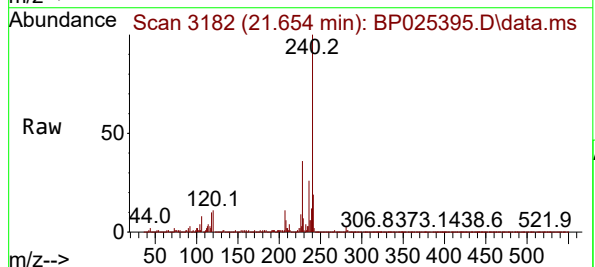
Manual Integrations
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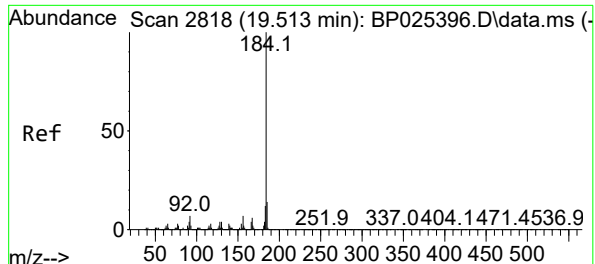
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

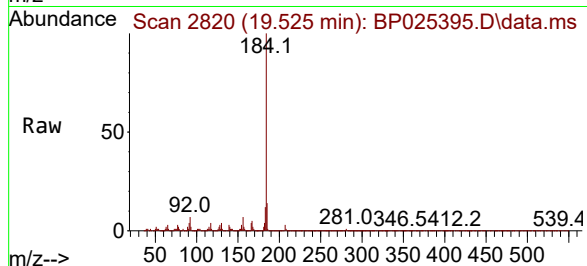
Tgt Ion:240 Resp: 852065
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.6 19.8 29.8





#77
Benzidine
Concen: 18.799 ng
RT: 19.525 min Scan# 2820
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

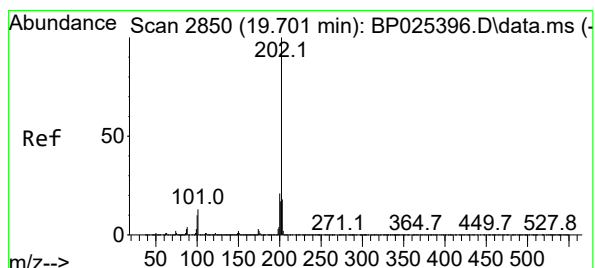
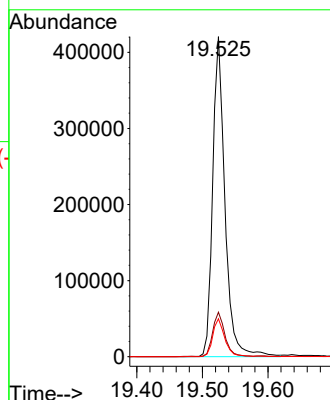
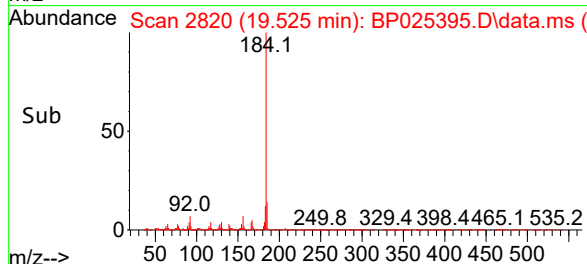
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:184 Resp: 54664
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 11.9 9.4 14.2

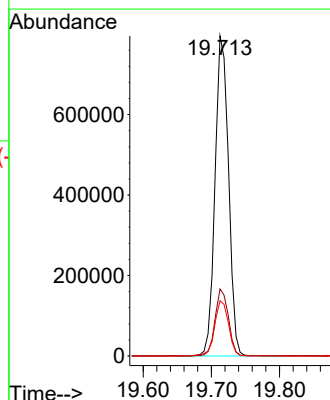
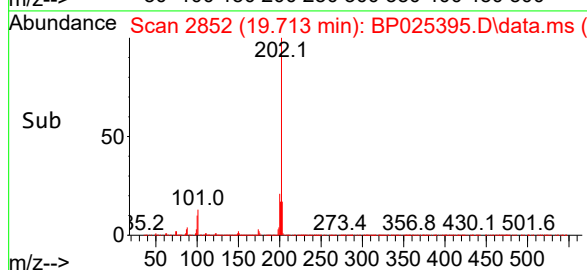
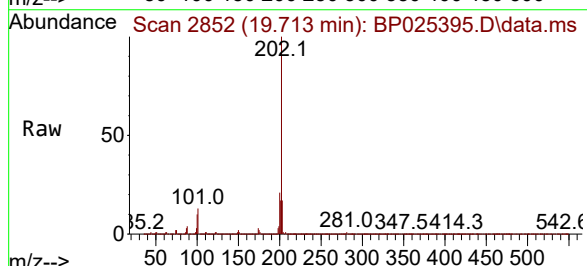
Manual Integrations
APPROVED

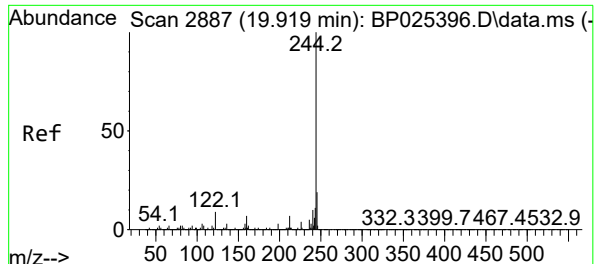
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 19.807 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:202 Resp: 1096965
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.3 14.2 21.2





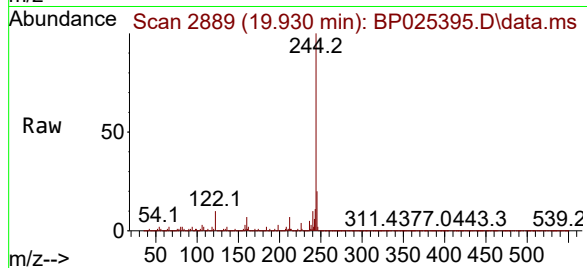
#79
Terphenyl-d14
Concen: 40.152 ng
RT: 19.930 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

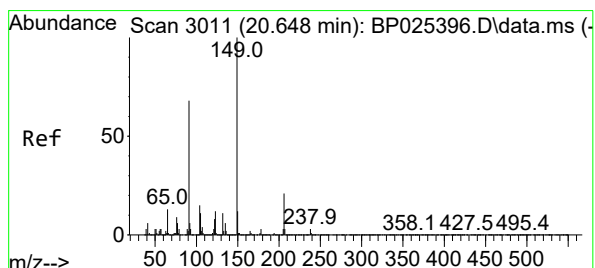
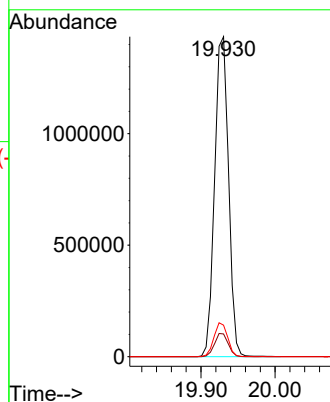
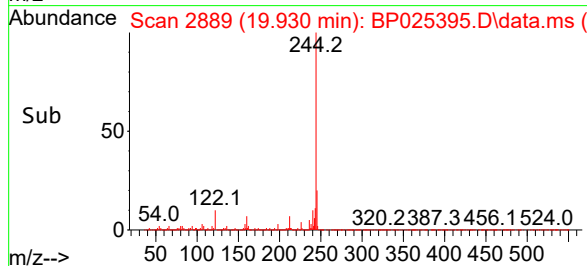


Tgt Ion:244 Resp: 186995
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 9.9 7.4 11.2

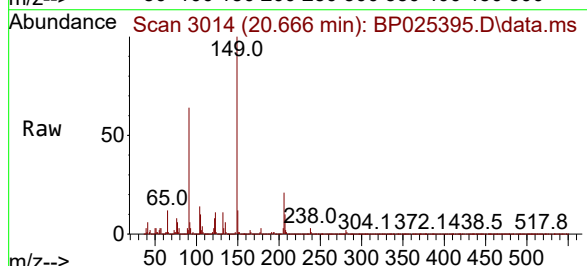
Manual Integrations

APPROVED

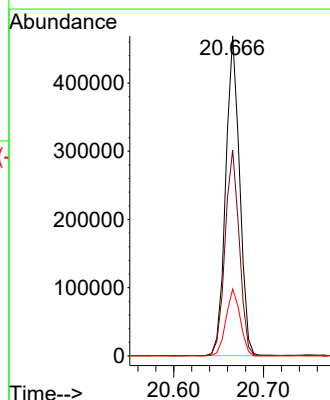
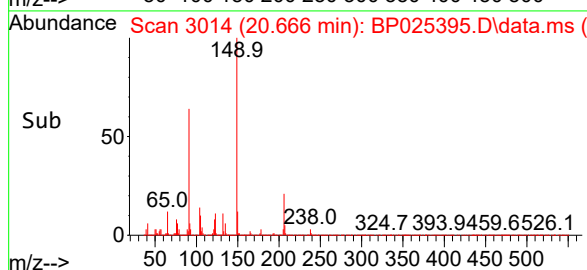
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

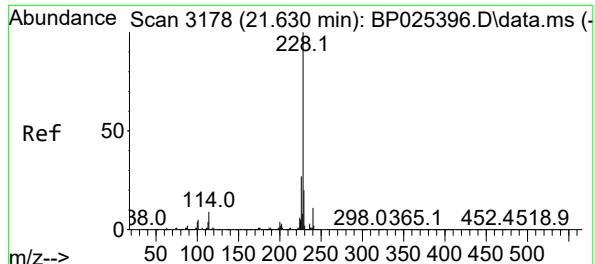


#80
Butylbenzylphthalate
Concen: 20.081 ng
RT: 20.666 min Scan# 3014
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38



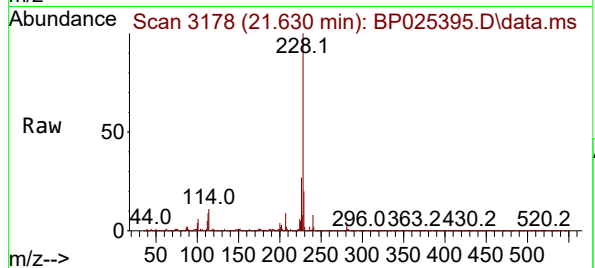
Tgt Ion:149 Resp: 504019
Ion Ratio Lower Upper
149 100
91 64.4 54.2 81.2
206 20.9 16.6 24.8





#81
Benzo(a)anthracene
Concen: 19.906 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

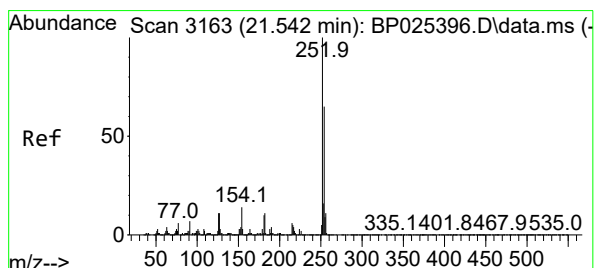
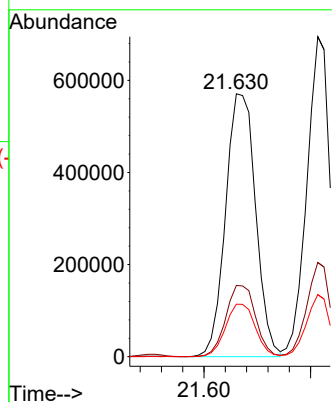
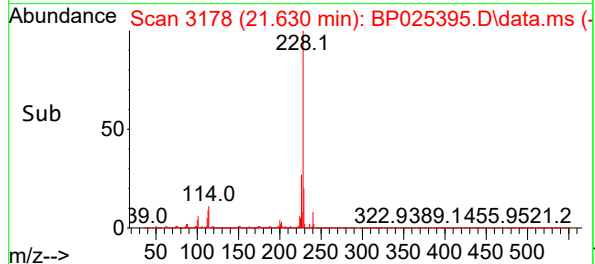
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 1118590
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.9 15.6 23.4

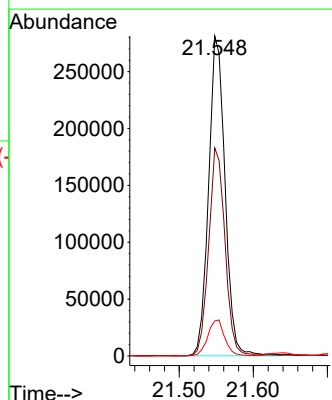
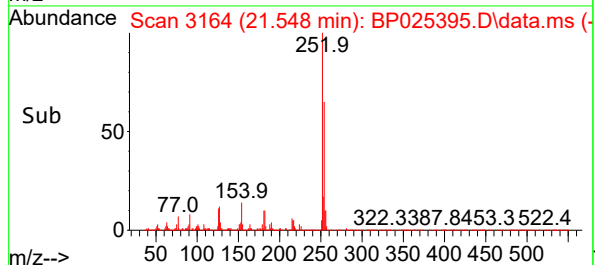
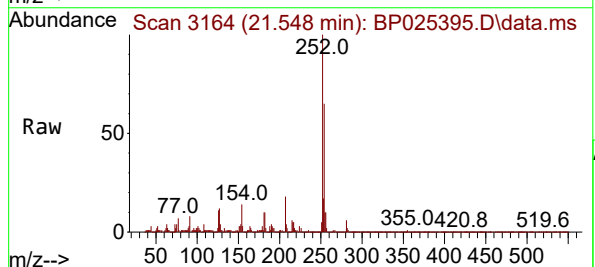
Manual Integrations
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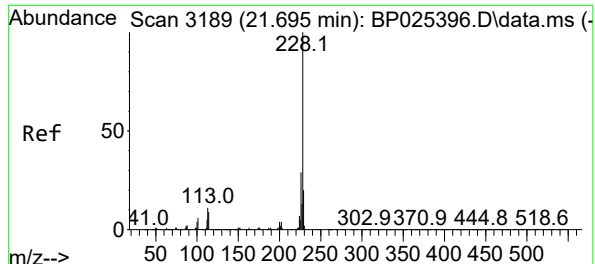
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#82
3,3'-Dichlorobenzidine
Concen: 20.399 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:252 Resp: 432075
Ion Ratio Lower Upper
252 100
254 65.0 51.8 77.6
126 10.9 9.1 13.7





#83

Chrysene

Concen: 20.216 ng

RT: 21.707 min Scan# 3189

Delta R.T. 0.012 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 106389

Ion Ratio Lower Upper

228 100

226 29.4 23.2 34.8

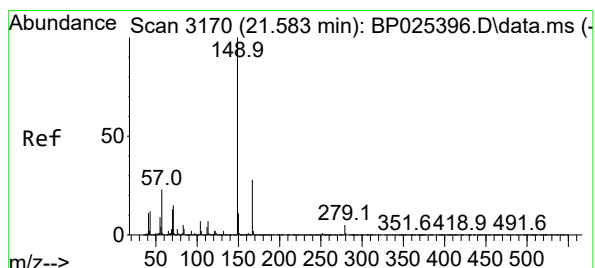
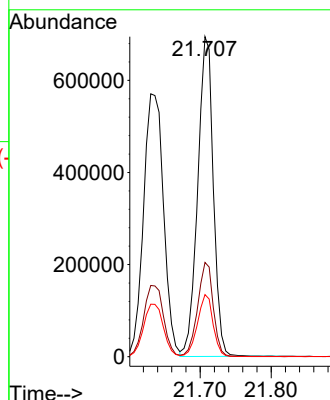
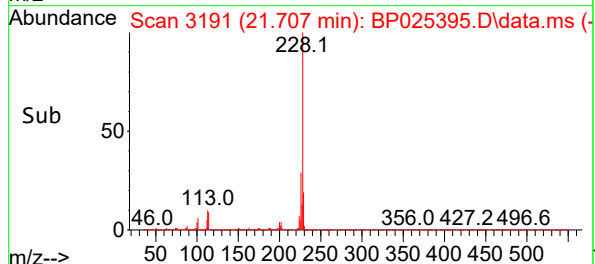
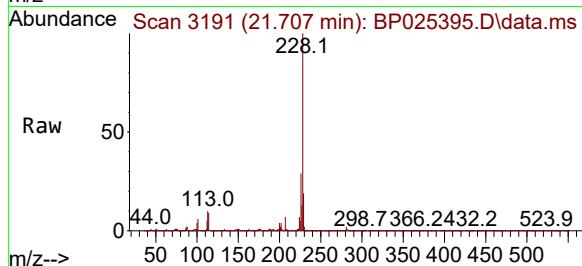
229 19.4 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.155 ng

RT: 21.577 min Scan# 3169

Delta R.T. -0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

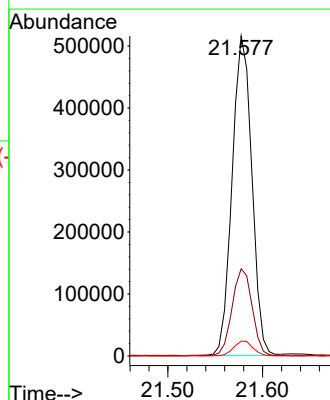
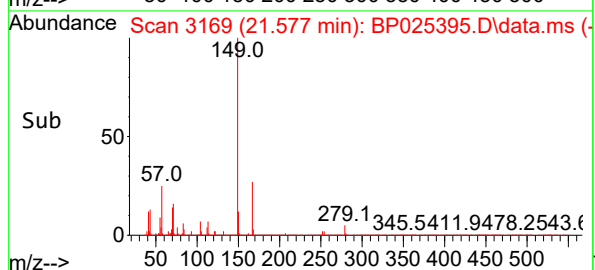
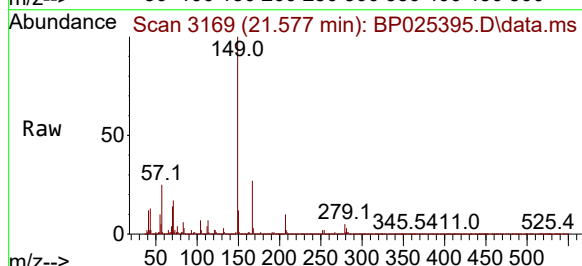
Tgt Ion:149 Resp: 744704

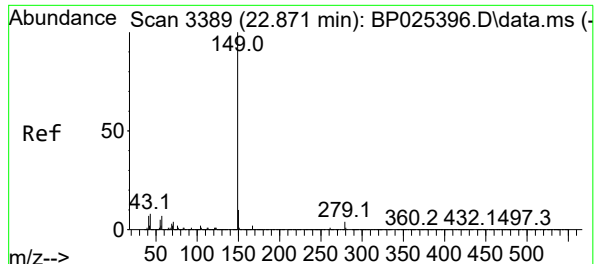
Ion Ratio Lower Upper

149 100

167 27.3 22.1 33.1

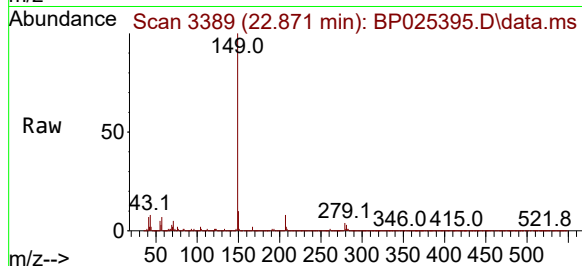
279 4.6 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 20.091 ng
RT: 22.871 min Scan# 3389
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

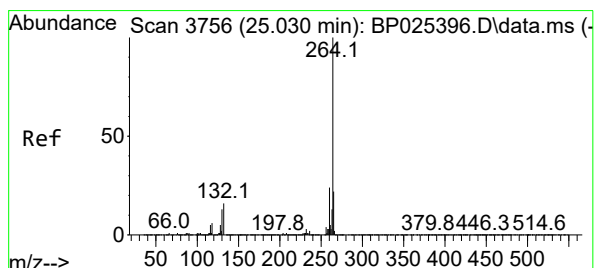
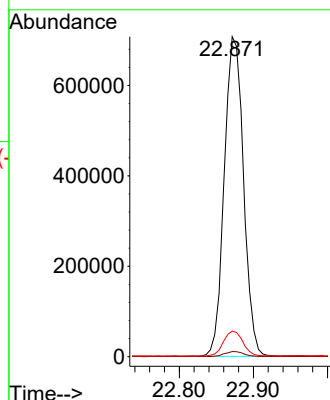
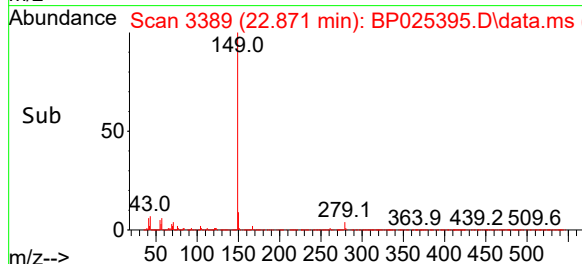
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 1276798
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.3 9.5

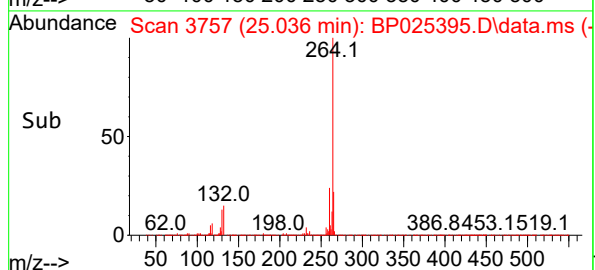
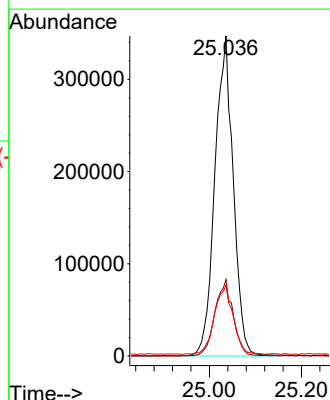
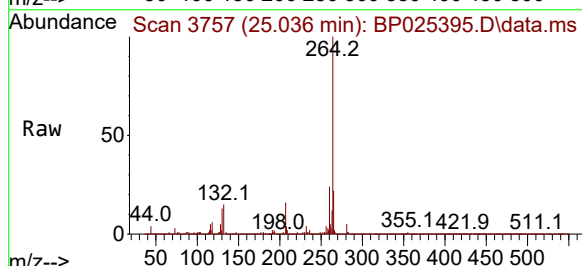
Manual Integrations
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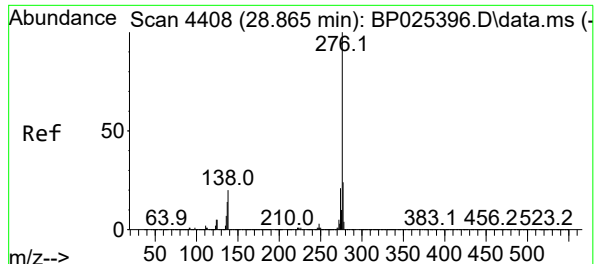
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

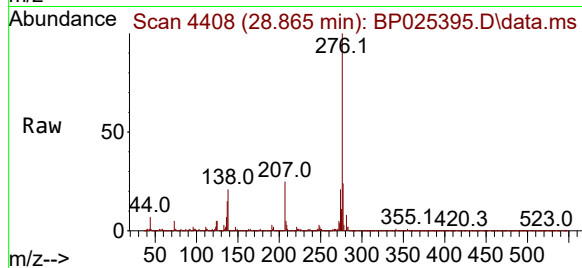
Tgt Ion:264 Resp: 958651
Ion Ratio Lower Upper
264 100
260 23.8 19.3 28.9
265 22.2 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 19.627 ng m
RT: 28.865 min Scan# 4408
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

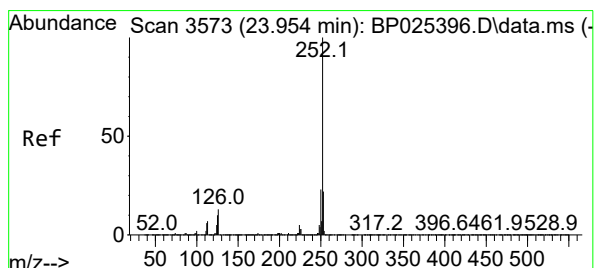
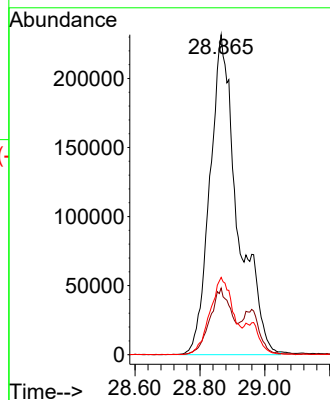
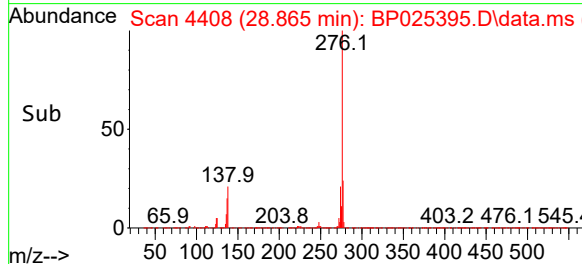
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 276 Resp: 138033
Ion Ratio Lower Upper
276 100
138 16.2 12.9 19.3
277 20.1 17.0 25.6

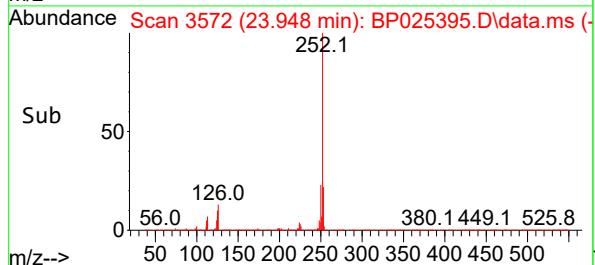
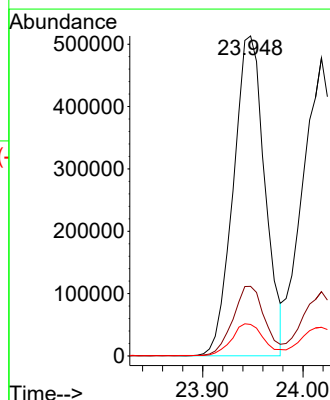
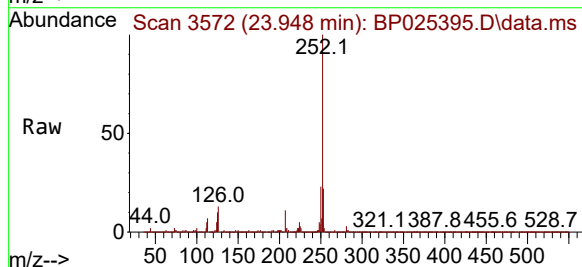
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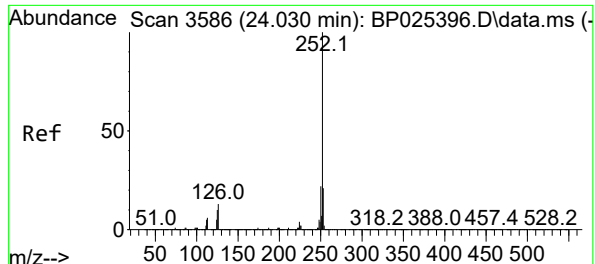
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#88
Benzo(b)fluoranthene
Concen: 19.855 ng
RT: 23.948 min Scan# 3572
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 252 Resp: 1122408
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 9.9 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 20.336 ng

RT: 24.018 min Scan# 3586

Delta R.T. -0.012 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 1150360

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

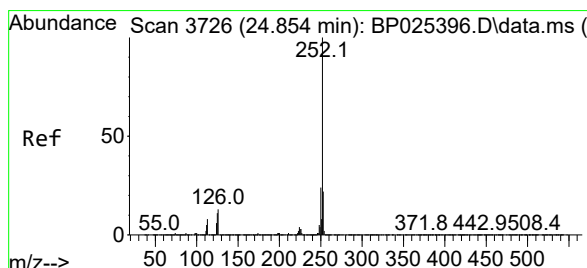
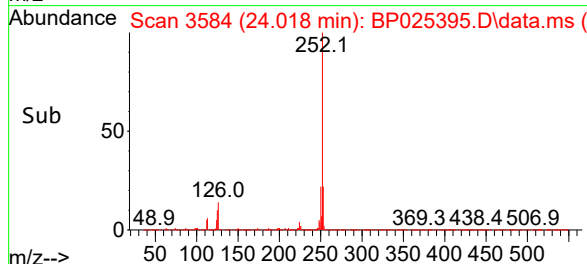
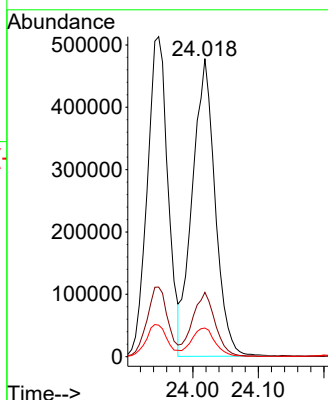
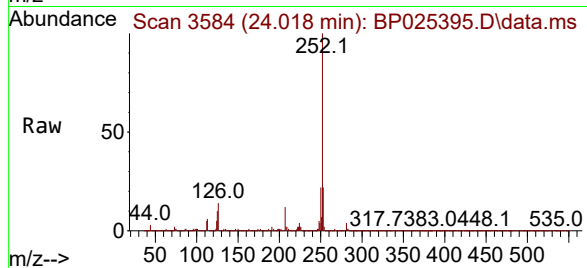
125 9.6 7.8 11.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 20.041 ng

RT: 24.854 min Scan# 3726

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

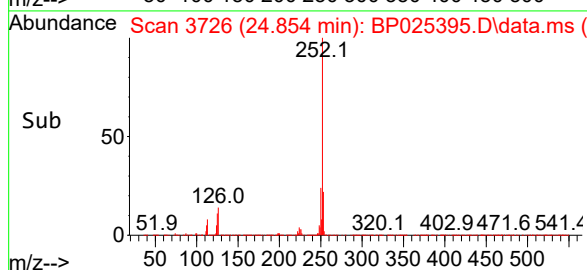
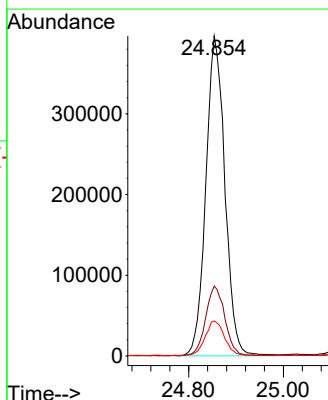
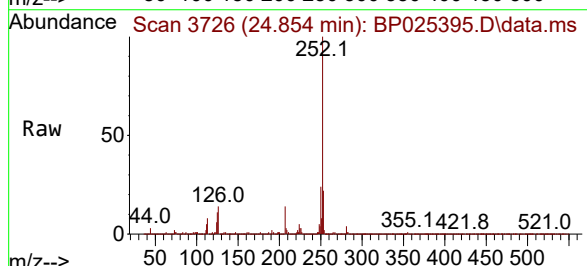
Tgt Ion:252 Resp: 1102804

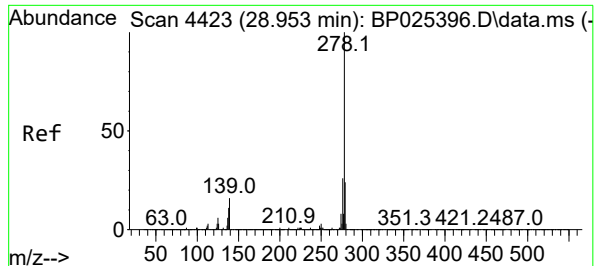
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

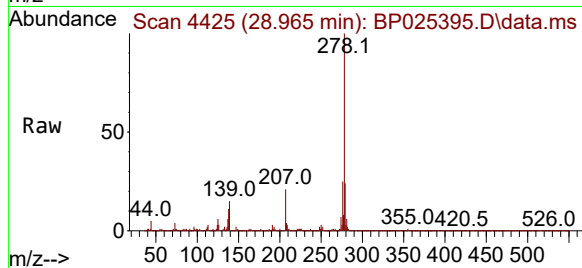
125 10.9 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 19.672 ng
RT: 28.965 min Scan# 4423
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

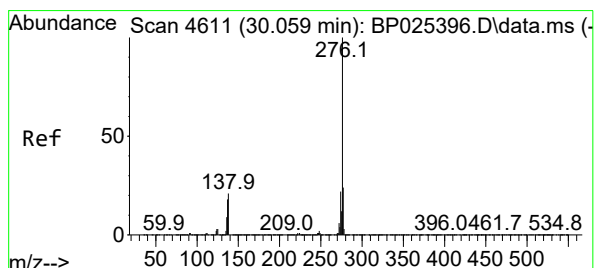
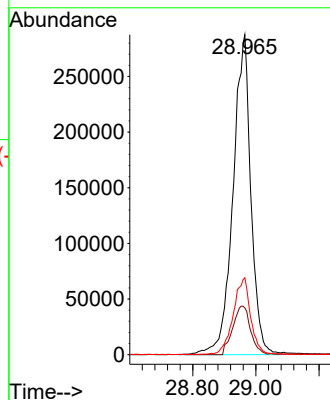
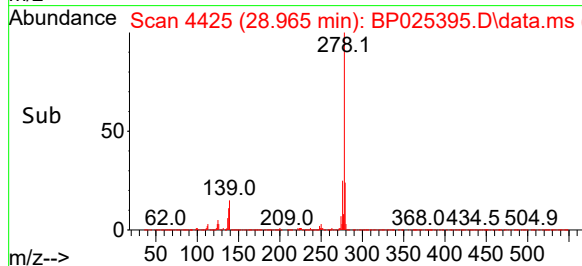
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 278 Resp: 1130209
Ion Ratio Lower Upper
278 100
139 14.6 13.0 19.4
279 24.1 19.4 29.2

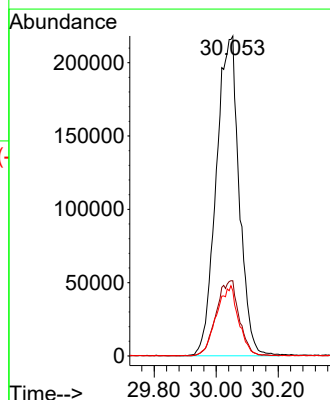
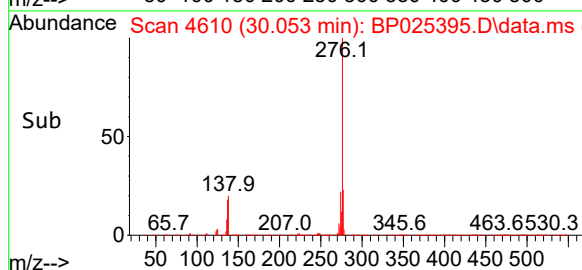
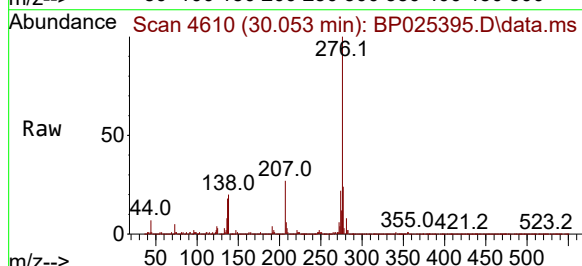
Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 19.840 ng
RT: 30.053 min Scan# 4610
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 276 Resp: 1120307
Ion Ratio Lower Upper
276 100
277 23.5 19.4 29.0
138 20.4 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025396.D
 Acq On : 14 Aug 2025 15:19
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:55:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	157704	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	663553	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	441110	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	884529	20.000	ng	0.00
76) Chrysene-d12	21.648	240	899207	20.000	ng	0.00
86) Perylene-d12	25.030	264	1022138	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	733191	77.209	ng	0.00
7) Phenol-d6	6.966	99	954285	78.381	ng	0.00
23) Nitrobenzene-d5	8.937	82	1015557	77.420	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	463783	78.112	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2456787	76.118	ng	0.00
79) Terphenyl-d14	19.919	244	3760236	76.508	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.337	88	140326	37.726	ng	100
3) Pyridine	3.731	79	384936	37.809	ng	100
4) n-Nitrosodimethylamine	3.637	42	161267	38.421	ng	100
6) Aniline	7.125	93	637156	38.842	ng	100
8) 2-Chlorophenol	7.366	128	414233	38.655	ng	100
9) Benzaldehyde	6.943	77	430704	50.493	ng	100
10) Phenol	6.996	94	496755	38.884	ng	100
11) bis(2-Chloroethyl)ether	7.219	93	385335	38.698	ng	100
12) 1,3-Dichlorobenzene	7.684	146	455200	38.523	ng	100
13) 1,4-Dichlorobenzene	7.831	146	462800	38.319	ng	100
14) 1,2-Dichlorobenzene	8.143	146	451306	38.602	ng	100
15) Benzyl Alcohol	8.025	79	376323	38.901	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.313	45	510991	38.308	ng	100
17) 2-Methylphenol	8.225	107	349313	39.369	ng	100
18) Hexachloroethane	8.866	117	171906	38.712	ng	100
19) n-Nitroso-di-n-propyla...	8.590	70	312773	38.737	ng	100
20) 3+4-Methylphenols	8.549	107	481148	39.121	ng	100
22) Acetophenone	8.601	105	644124	38.708	ng	100
24) Nitrobenzene	8.972	77	457175	38.997	ng	100
25) Isophorone	9.501	82	893987	38.510	ng	100
26) 2-Nitrophenol	9.678	139	239675	39.837	ng	100
27) 2,4-Dimethylphenol	9.743	122	408572	39.489	ng	100
28) bis(2-Chloroethoxy)met...	9.972	93	540282	38.502	ng	100
29) 2,4-Dichlorophenol	10.213	162	405233	39.427	ng	100
30) 1,2,4-Trichlorobenzene	10.425	180	434105	38.529	ng	100
31) Naphthalene	10.613	128	1326839	38.472	ng	100
32) Benzoic acid	9.872	122	301281	39.537	ng	100
33) 4-Chloroaniline	10.713	127	599466	39.350	ng	100
34) Hexachlorobutadiene	10.901	225	271549	38.700	ng	100
35) Caprolactam	11.495	113	145175	38.520	ng	100
36) 4-Chloro-3-methylphenol	11.837	107	459473	38.959	ng	100
37) 2-Methylnaphthalene	12.219	142	865427	38.559	ng	100
38) 1-Methylnaphthalene	12.437	142	909865	38.120	ng	100
40) 1,2,4,5-Tetrachloroben...	12.590	216	494141	38.787	ng	100
41) Hexachlorocyclopentadiene	12.572	237	307015	39.896	ng	100
43) 2,4,6-Trichlorophenol	12.825	196	337157	39.201	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025396.D
 Acq On : 14 Aug 2025 15:19
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:55:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	373880	39.664	ng	100
46) 1,1'-Biphenyl	13.231	154	1242247	38.777	ng	100
47) 2-Chloronaphthalene	13.272	162	970903	38.930	ng	100
48) 2-Nitroaniline	13.472	65	291341	40.092	ng	100
49) Acenaphthylene	14.125	152	1593636	38.617	ng	100
50) Dimethylphthalate	13.860	163	1237666	38.316	ng	100
51) 2,6-Dinitrotoluene	13.966	165	272750	40.061	ng	100
52) Acenaphthene	14.466	154	918569	37.921	ng	100
53) 3-Nitroaniline	14.301	138	301417	39.349	ng	100
54) 2,4-Dinitrophenol	14.507	184	144100	39.633	ng	100
55) Dibenzofuran	14.807	168	1479220	38.624	ng	100
56) 4-Nitrophenol	14.613	139	246542	39.168	ng	100
57) 2,4-Dinitrotoluene	14.766	165	386189	39.757	ng	100
58) Fluorene	15.466	166	1151825	38.115	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.036	232	324396	38.975	ng	100
60) Diethylphthalate	15.236	149	1264740	38.533	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	574546	38.228	ng	100
62) 4-Nitroaniline	15.478	138	309740	39.443	ng	100
63) Azobenzene	15.754	77	1091004	38.820	ng	100
65) 4,6-Dinitro-2-methylph...	15.542	198	217153	39.384	ng	100
66) n-Nitrosodiphenylamine	15.678	169	1045170	38.749	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	376864	38.739	ng	100
68) Hexachlorobenzene	16.489	284	428361	37.986	ng	100
69) Atrazine	16.654	200	386256	38.238	ng	100
70) Pentachlorophenol	16.842	266	278412	39.110	ng	100
71) Phenanthrene	17.242	178	1839191	37.851	ng	100
72) Anthracene	17.336	178	1908189	38.456	ng	100
73) Carbazole	17.613	167	1781890	38.125	ng	100
74) Di-n-butylphthalate	18.207	149	2201043	38.277	ng	100
75) Fluoranthene	19.324	202	2172758	37.488	ng	100
77) Benzidine	19.513	184	1738926	56.665	ng	100
78) Pyrene	19.701	202	2290461	39.189	ng	100
80) Butylbenzylphthalate	20.648	149	1041998	39.338	ng	100
81) Benzo(a)anthracene	21.630	228	2280774	38.460	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	877708	39.266	ng	100
83) Chrysene	21.695	228	2125866	38.278	ng	100
84) Bis(2-ethylhexyl)phtha...	21.583	149	1493804	38.310	ng	100
85) Di-n-octyl phthalate	22.871	149	2597558	38.730	ng	100
87) Indeno(1,2,3-cd)pyrene	28.865	276	2884713m	38.470	ng	
88) Benzo(b)fluoranthene	23.954	252	2318198	38.462	ng	100
89) Benzo(k)fluoranthene	24.030	252	2309091	38.285	ng	100
90) Benzo(a)pyrene	24.854	252	2265862	38.620	ng	100
91) Dibenzo(a,h)anthracene	28.953	278	2363840	38.589	ng	100
92) Benzo(g,h,i)perylene	30.059	276	2327292	38.654	ng	100

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

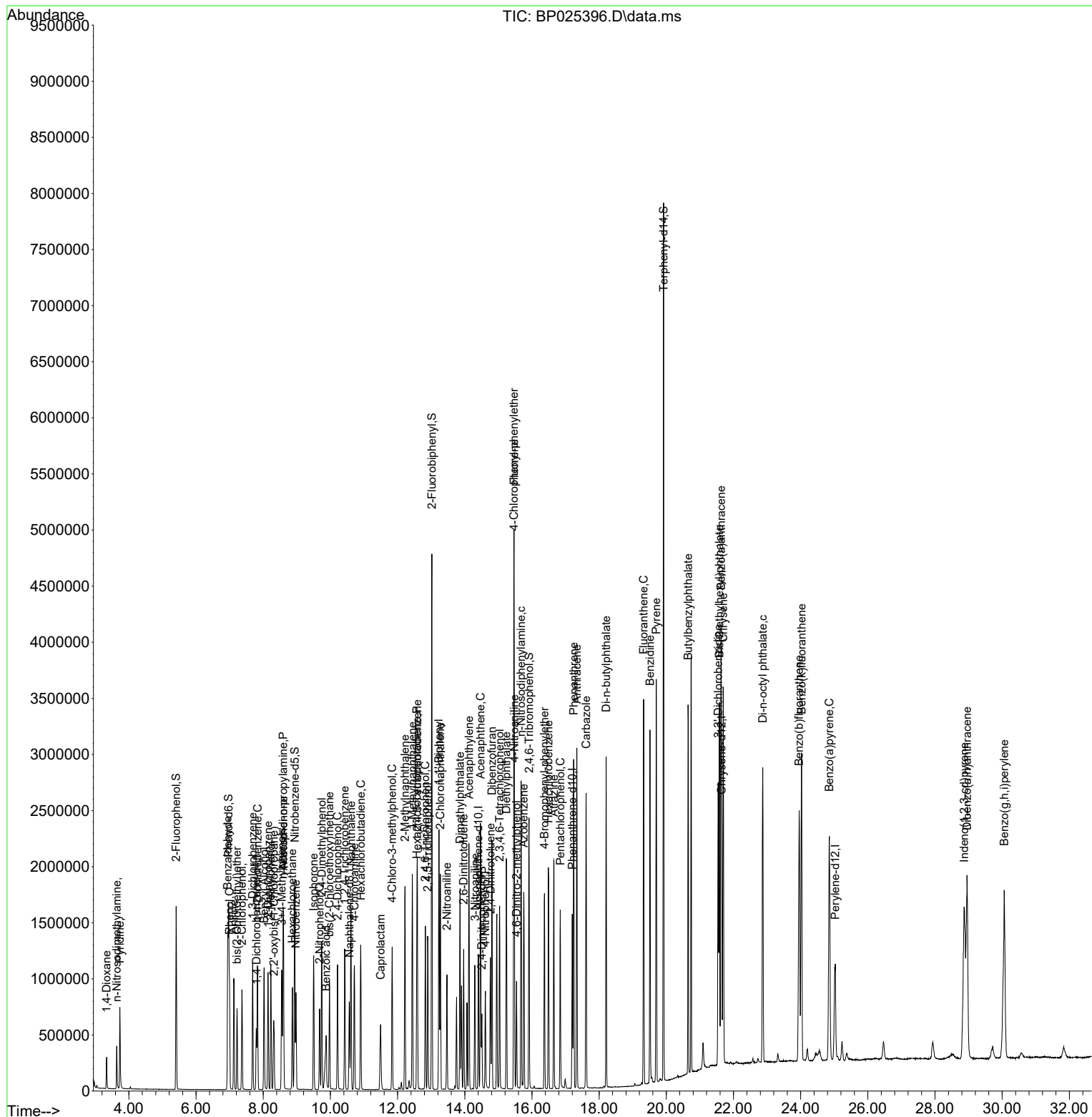
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025396.D
Acq On : 14 Aug 2025 15:19
Operator : CG/JU
Sample : SSTIDICC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

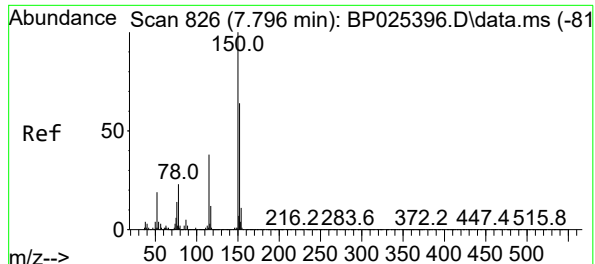
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:55:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration





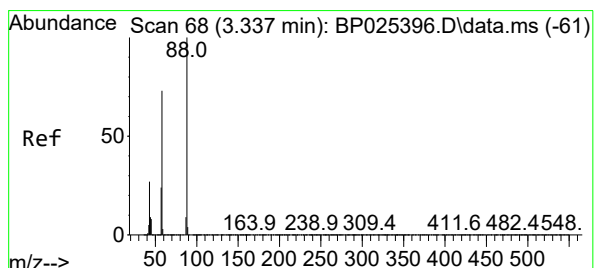
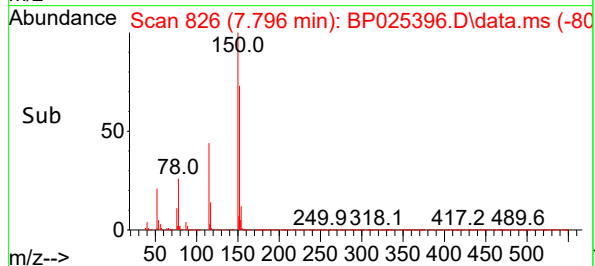
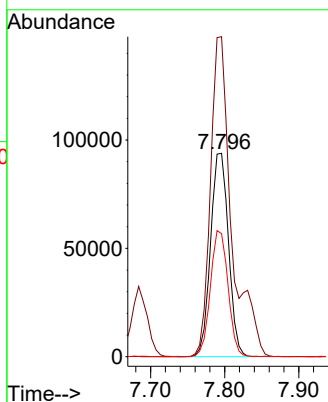
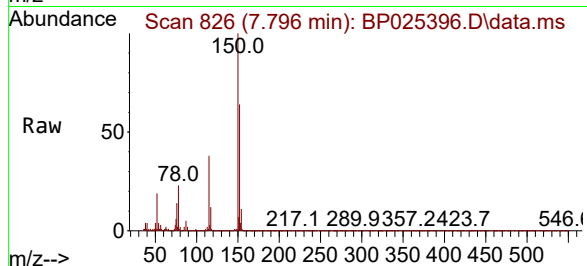
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 152 Resp: 157704
Ion Ratio Lower Upper
152 100
150 157.4 125.9 188.9
115 60.6 48.5 72.7

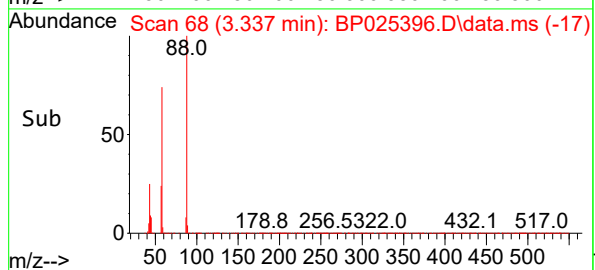
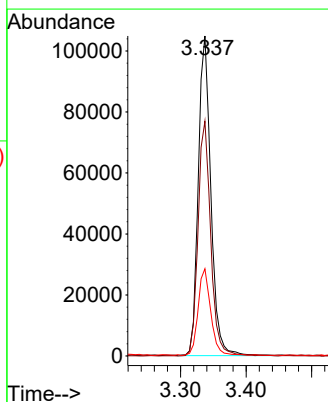
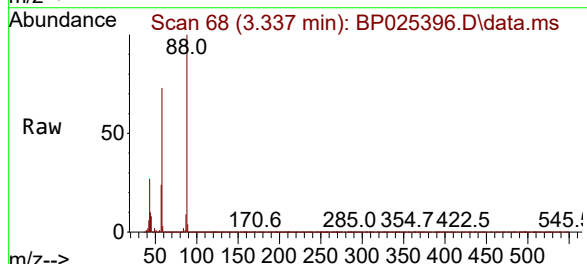
Manual Integrations
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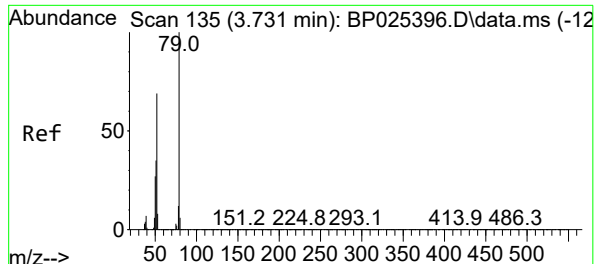
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 37.726 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 88 Resp: 140326
Ion Ratio Lower Upper
88 100
58 74.0 59.2 88.8
43 27.1 21.7 32.5





#3

Pyridine

Concen: 37.809 ng

RT: 3.731 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 384930

Ion Ratio Lower Upper

79 100

52 69.4 55.5 83.3

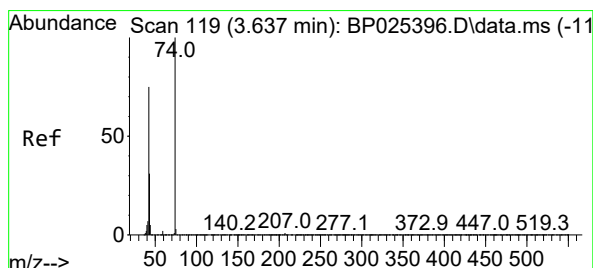
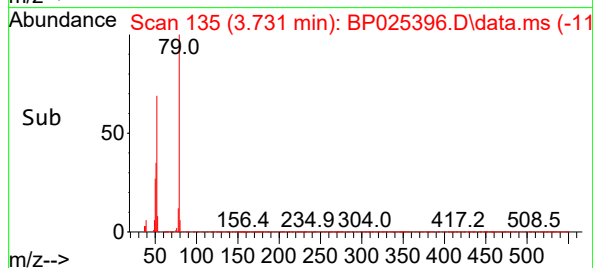
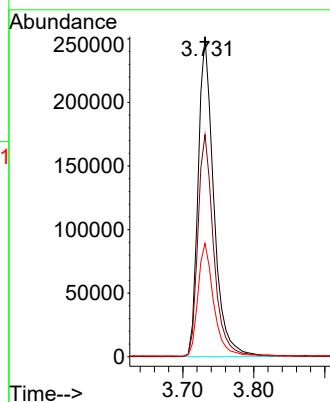
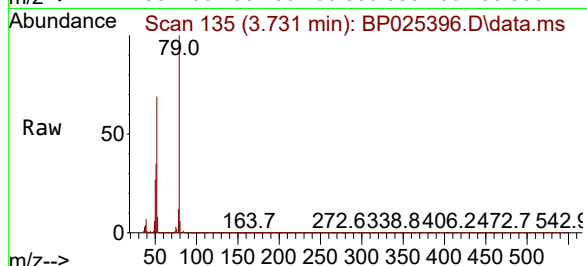
51 35.4 28.3 42.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#4

n-Nitrosodimethylamine

Concen: 38.421 ng

RT: 3.637 min Scan# 119

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

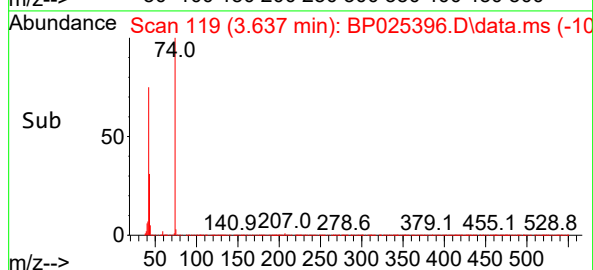
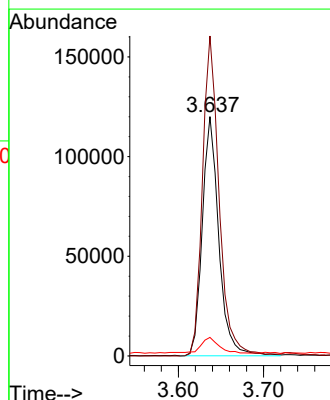
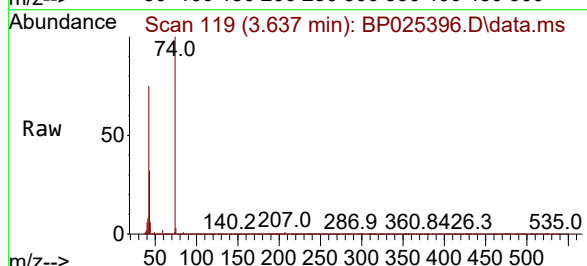
Tgt Ion: 42 Resp: 161267

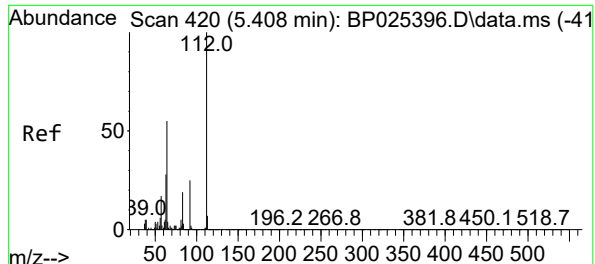
Ion Ratio Lower Upper

42 100

74 133.7 107.0 160.4

44 7.8 6.2 9.4





#5

2-Fluorophenol

Concen: 77.209 ng

RT: 5.408 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:112 Resp: 73319

Ion Ratio Lower Upper

112 100

64 54.8 43.8 65.8

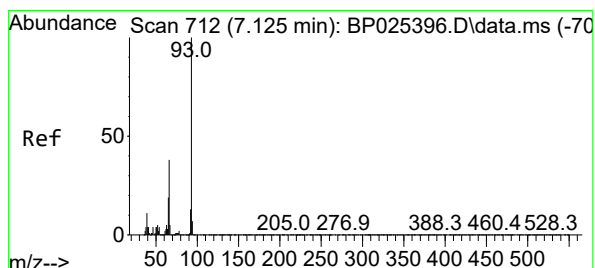
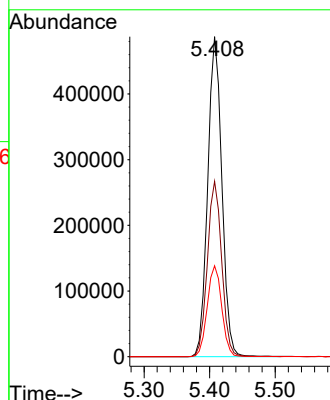
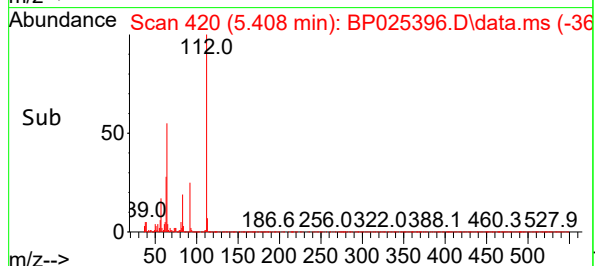
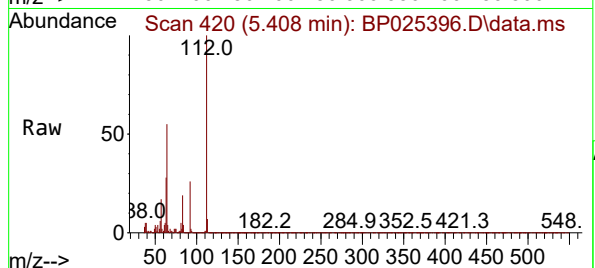
63 28.4 22.7 34.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#6

Aniline

Concen: 38.842 ng

RT: 7.125 min Scan# 712

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

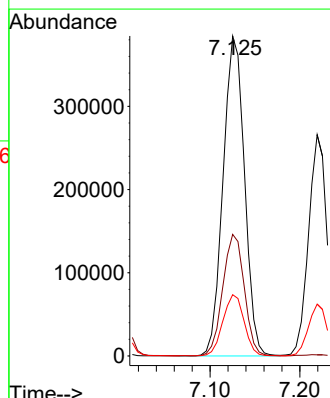
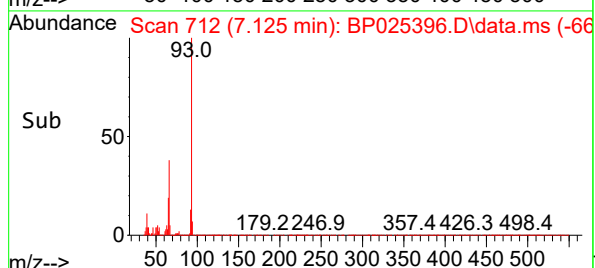
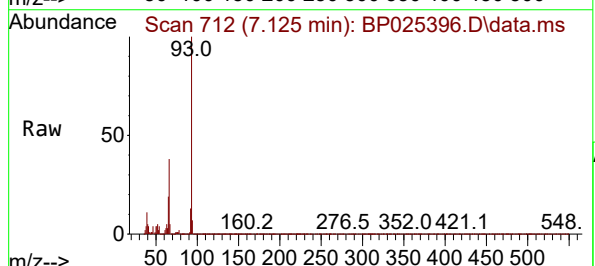
Tgt Ion: 93 Resp: 637156

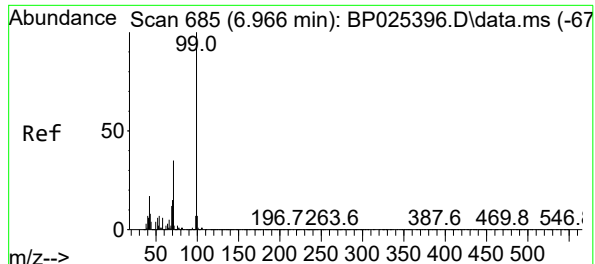
Ion Ratio Lower Upper

93 100

66 38.0 30.4 45.6

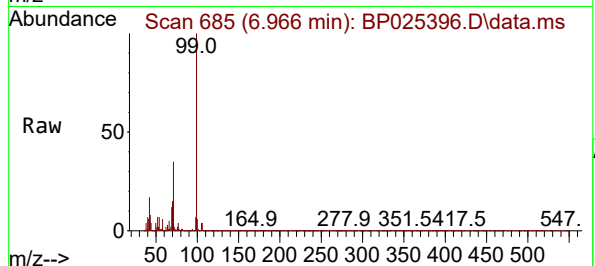
65 19.1 15.3 22.9





#7
Phenol-d6
Concen: 78.381 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

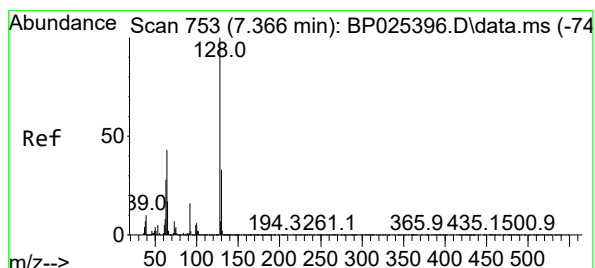
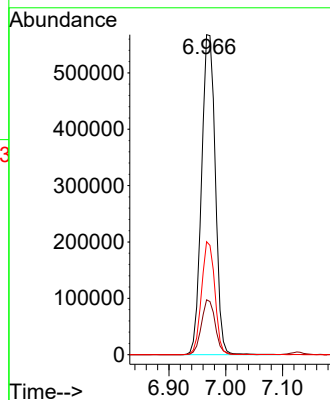
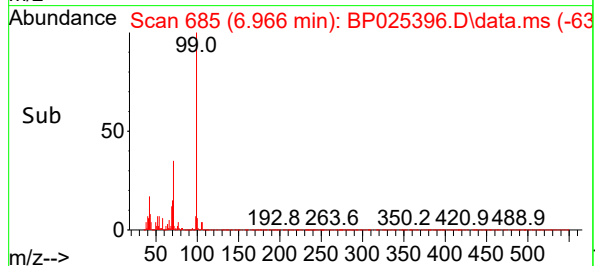
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 99 Resp: 954285
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 35.3 28.2 42.4

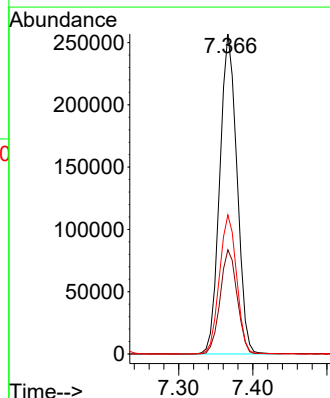
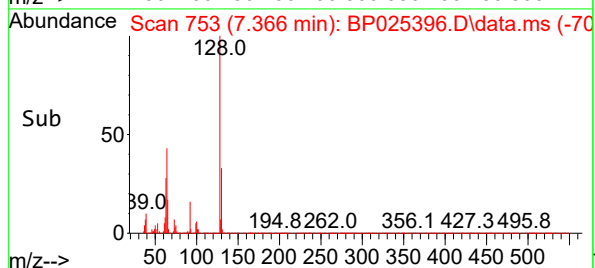
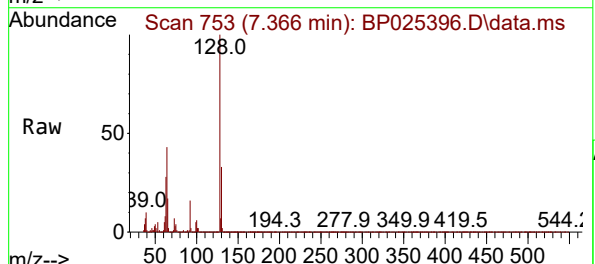
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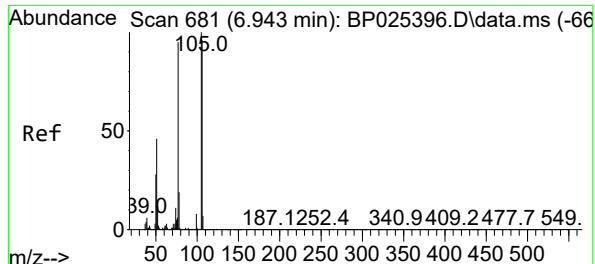
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#8
2-Chlorophenol
Concen: 38.655 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

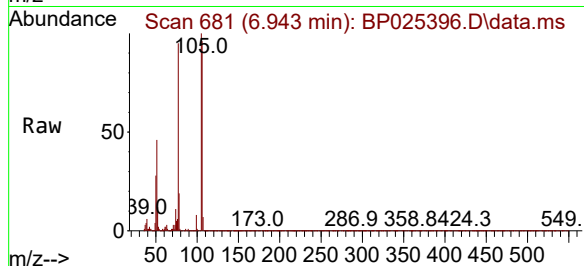
Tgt Ion:128 Resp: 414233
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 43.4 23.4 63.4





#9
Benzaldehyde
Concen: 50.493 ng
RT: 6.943 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

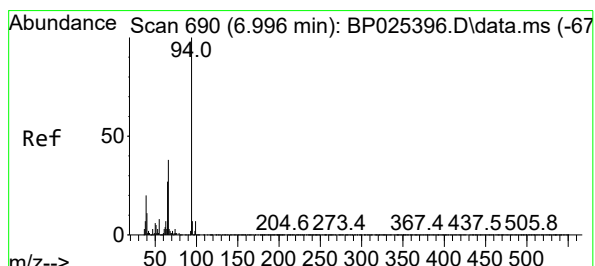
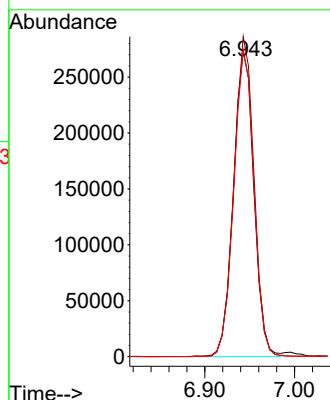
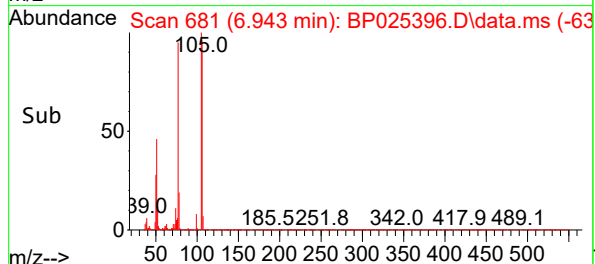
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 430704
Ion Ratio Lower Upper
77 100
105 104.8 84.8 124.8
106 100.5 80.5 120.5

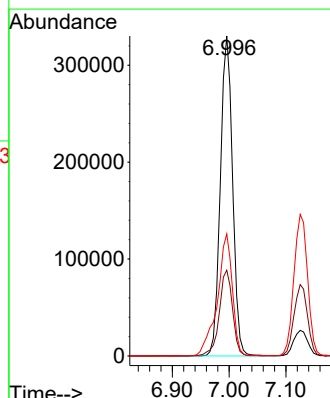
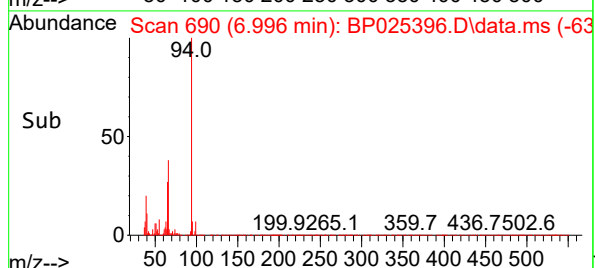
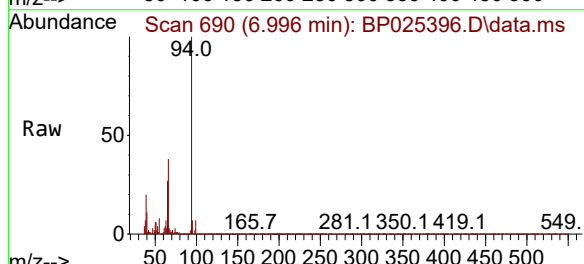
Manual Integrations
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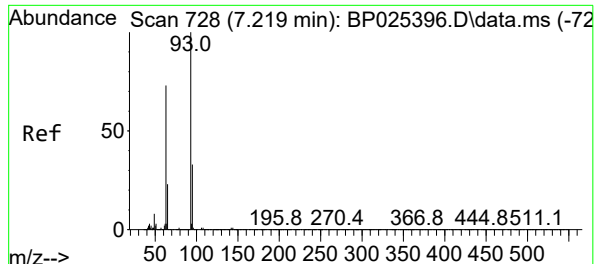
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 38.884 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

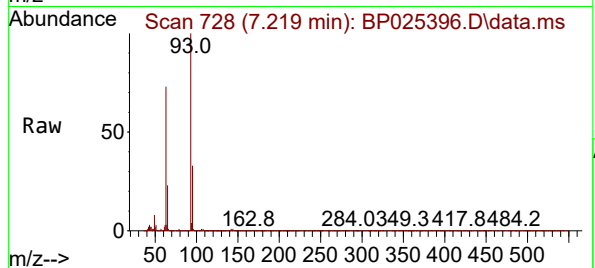
Tgt Ion: 94 Resp: 496755
Ion Ratio Lower Upper
94 100
65 26.8 6.8 46.8
66 38.2 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 38.698 ng
RT: 7.219 min Scan# 728
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

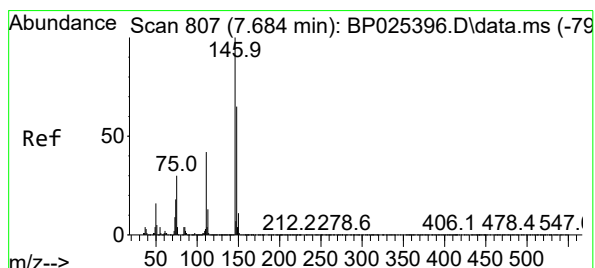
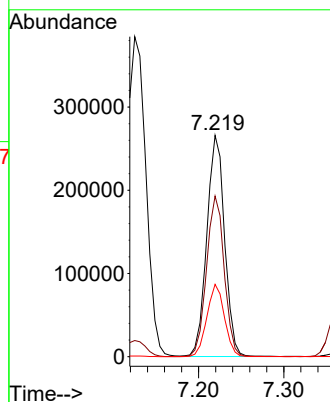
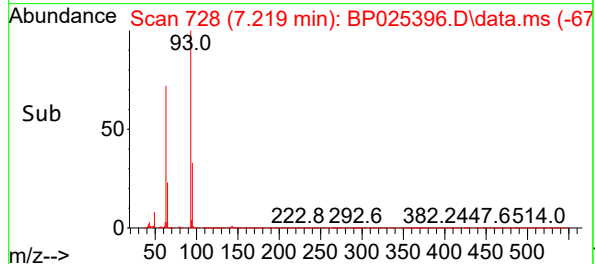
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



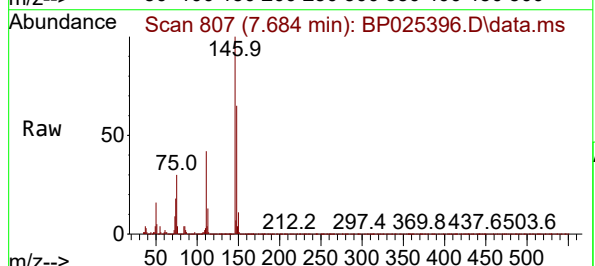
Tgt Ion: 93 Resp: 385335
Ion Ratio Lower Upper
93 100
63 72.6 52.6 92.6
95 32.7 12.7 52.7

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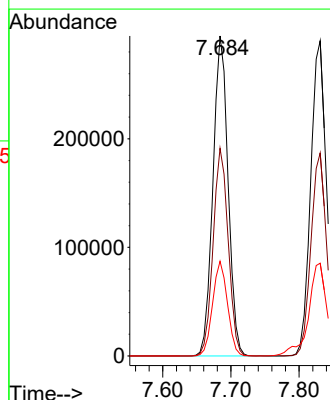
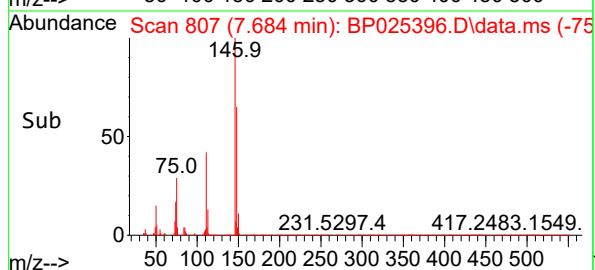
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

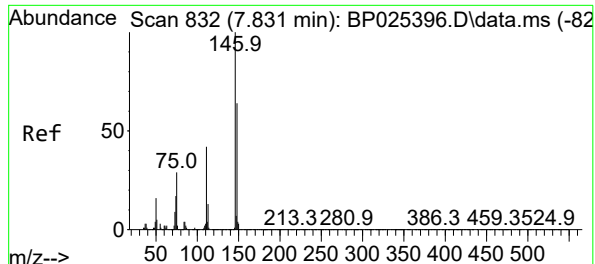


#12
1,3-Dichlorobenzene
Concen: 38.523 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19



Tgt Ion:146 Resp: 455200
Ion Ratio Lower Upper
146 100
148 64.9 51.9 77.9
75 29.6 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 38.319 ng

RT: 7.831 min Scan# 832

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 462800

Ion Ratio Lower Upper

146 100

148 64.5 51.6 77.4

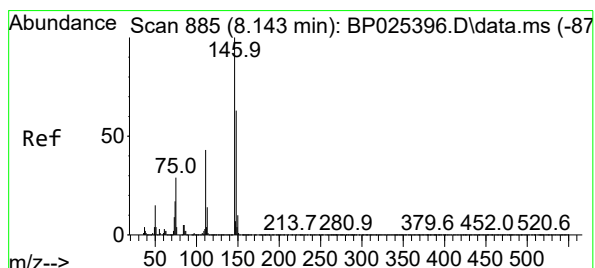
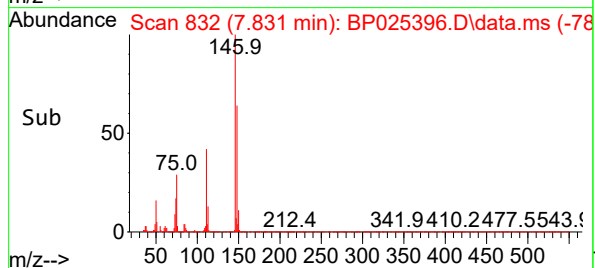
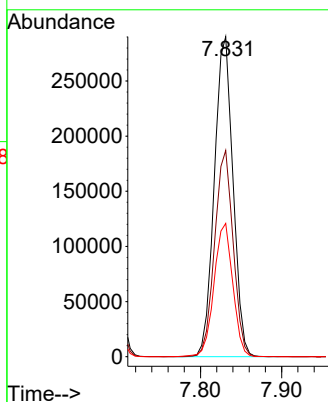
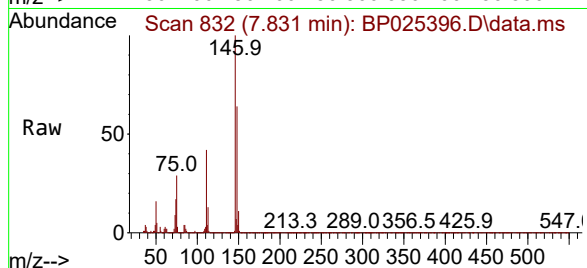
111 41.7 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 38.602 ng

RT: 8.143 min Scan# 885

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

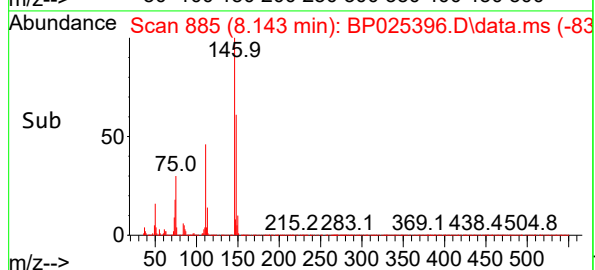
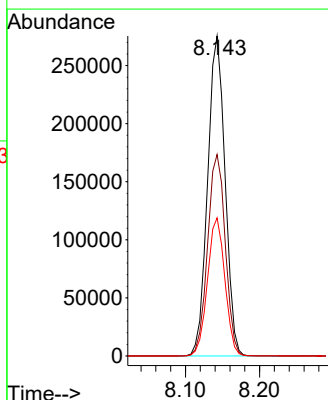
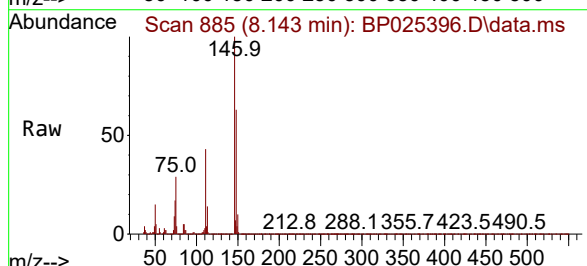
Tgt Ion:146 Resp: 451306

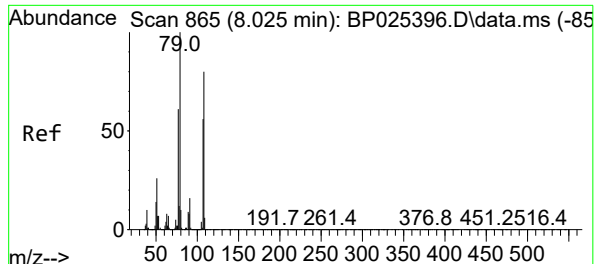
Ion Ratio Lower Upper

146 100

148 63.0 50.4 75.6

111 43.1 34.5 51.7





#15

Benzyl Alcohol

Concen: 38.901 ng

RT: 8.025 min Scan# 80

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 37632

Ion Ratio Lower Upper

79 100

108 79.7 63.8 95.6

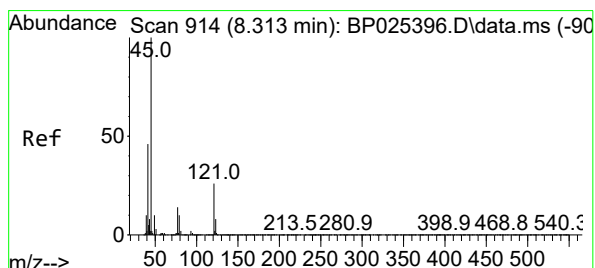
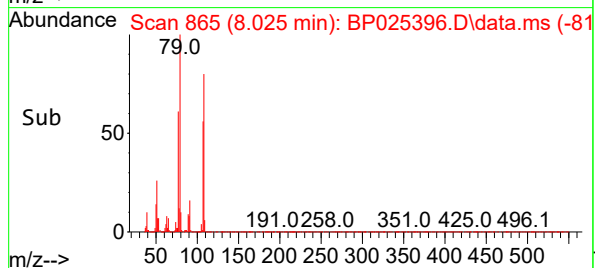
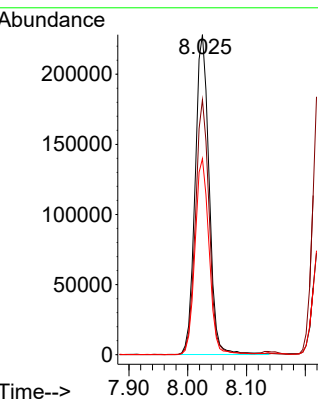
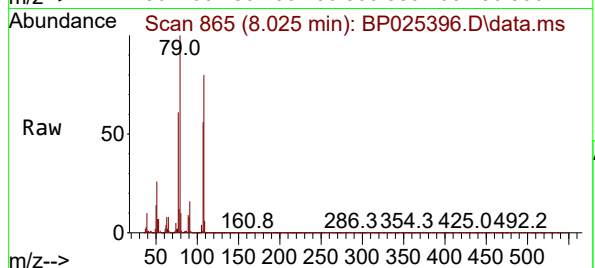
77 61.2 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.308 ng

RT: 8.313 min Scan# 914

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

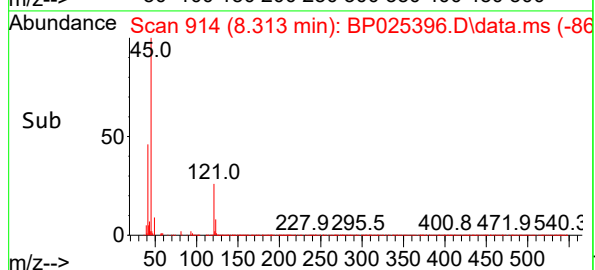
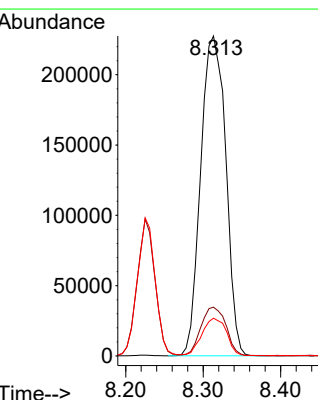
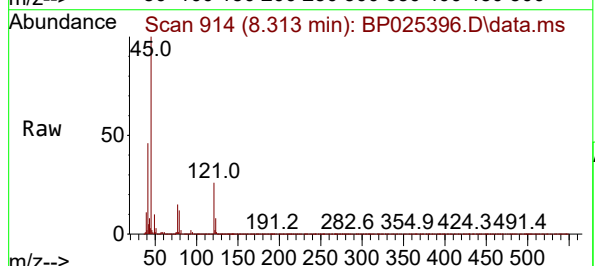
Tgt Ion: 45 Resp: 510991

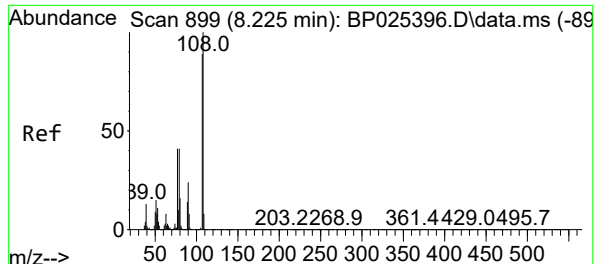
Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.3

79 11.8 0.0 31.8





#17

2-Methylphenol

Concen: 39.369 ng

RT: 8.225 min Scan# 899

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 34931

Ion Ratio Lower Upper

107 100

108 111.7 89.4 134.0

77 45.4 36.3 54.5

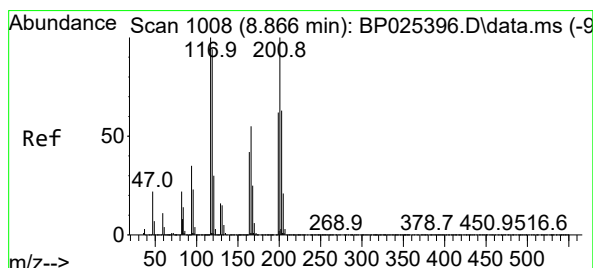
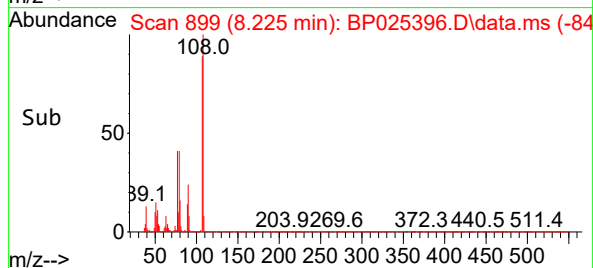
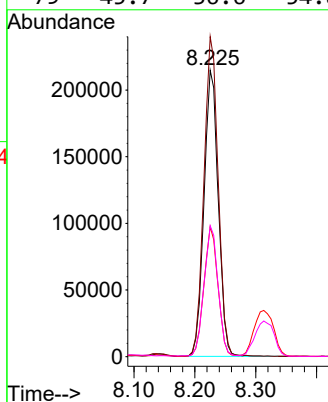
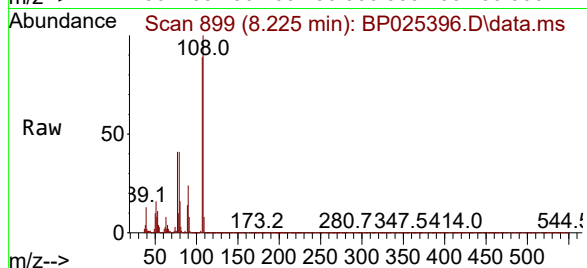
79 45.7 36.6 54.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#18

Hexachloroethane

Concen: 38.712 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

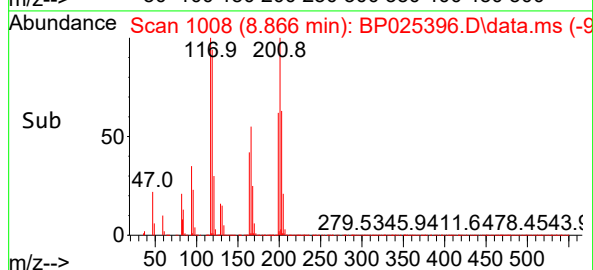
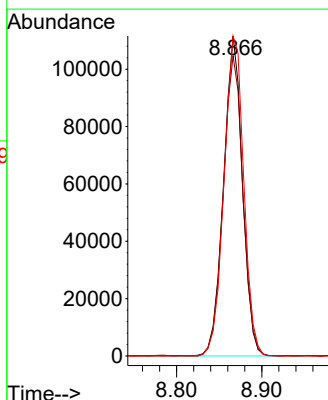
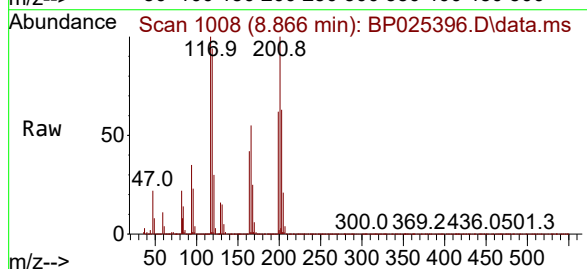
Tgt Ion:117 Resp: 171906

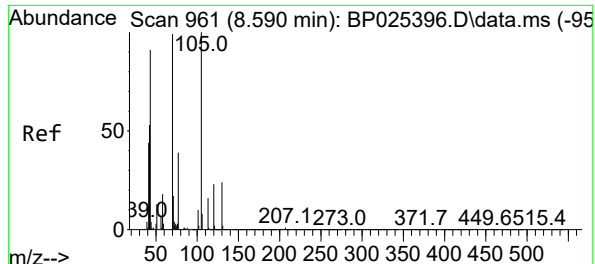
Ion Ratio Lower Upper

117 100

119 93.9 75.1 112.7

201 100.1 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 38.737 ng

RT: 8.590 min Scan# 961

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 31277

Ion Ratio Lower Upper

70 100

42 54.7 43.8 65.6

101 10.6 8.5 12.7

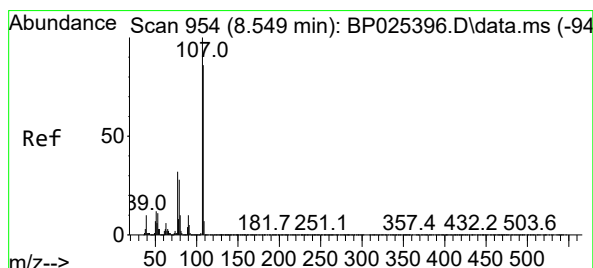
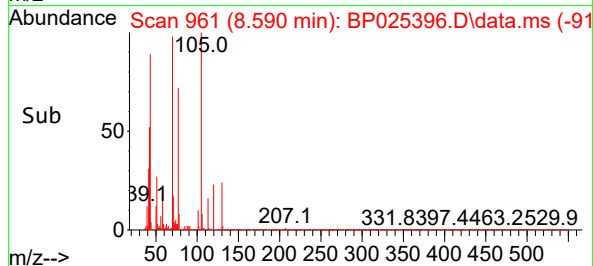
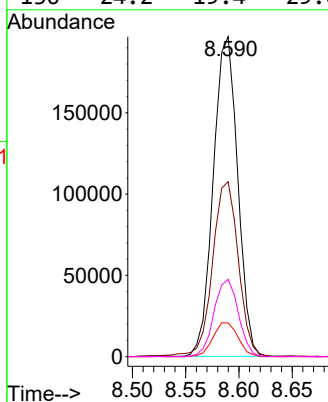
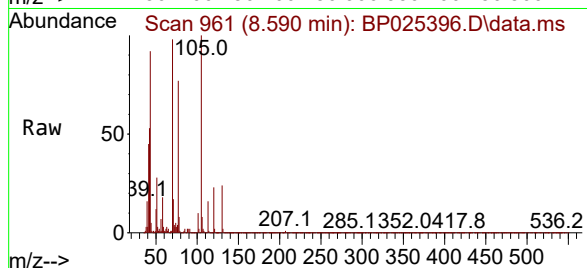
130 24.2 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 39.121 ng

RT: 8.549 min Scan# 954

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Tgt Ion:107 Resp: 481148

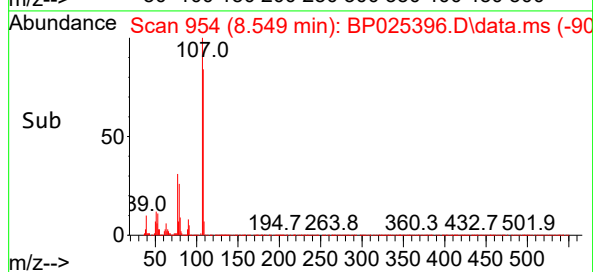
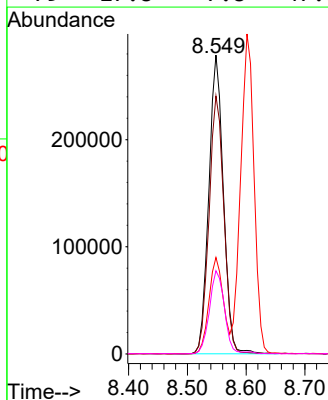
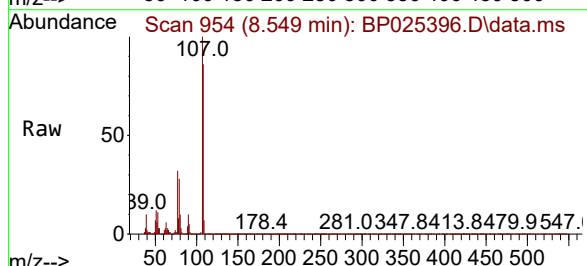
Ion Ratio Lower Upper

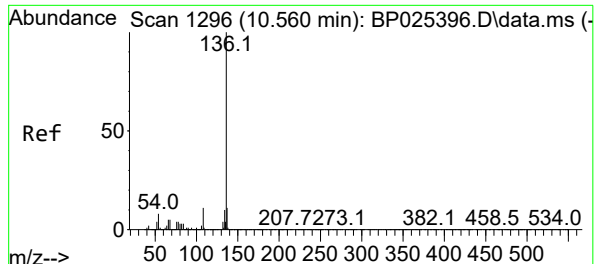
107 100

108 86.3 66.3 106.3

77 32.3 12.3 52.3

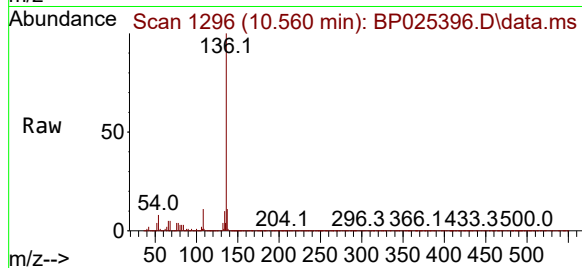
79 27.8 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

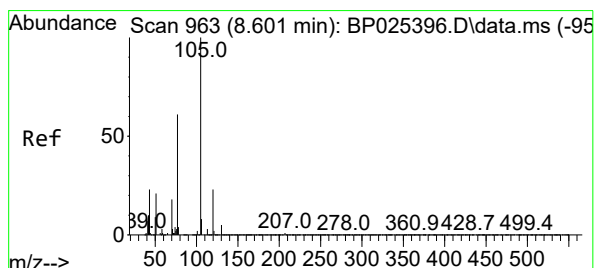
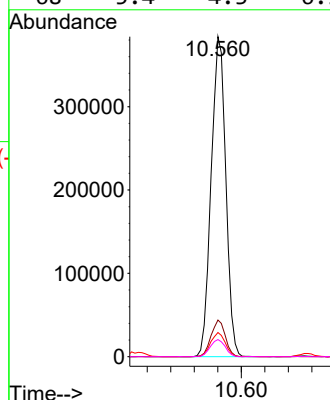
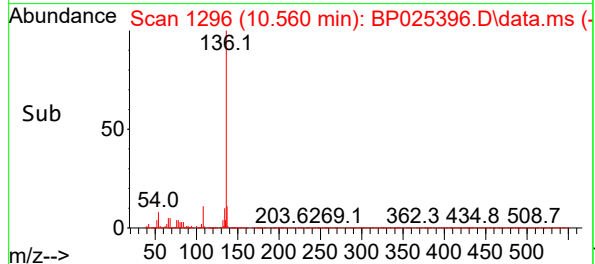
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 66355
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 7.5 6.0 9.0
68 5.4 4.3 6.5

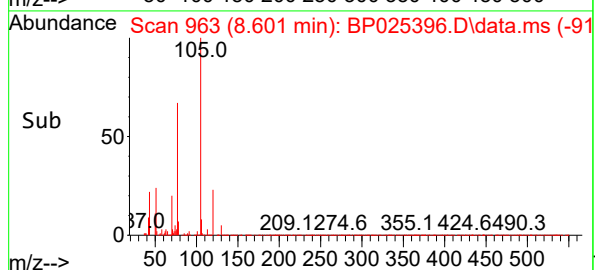
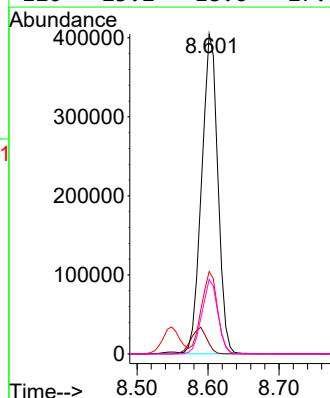
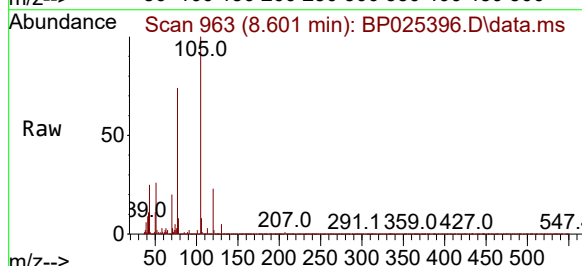
Manual Integrations
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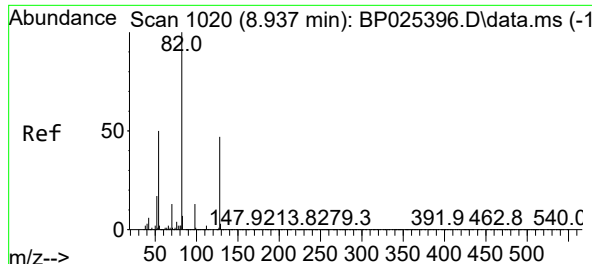
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#22
Acetophenone
Concen: 38.708 ng
RT: 8.601 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

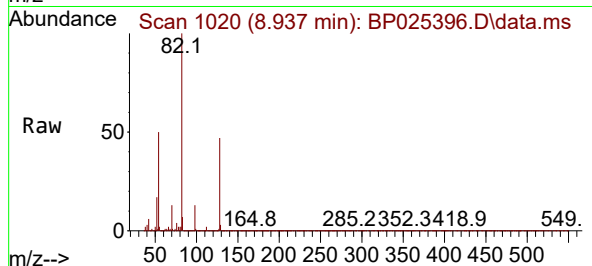
Tgt Ion:105 Resp: 644124
Ion Ratio Lower Upper
105 100
71 3.3 2.6 4.0
51 25.7 20.6 30.8
120 23.2 18.6 27.8





#23
Nitrobenzene-d5
Concen: 77.420 ng
RT: 8.937 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

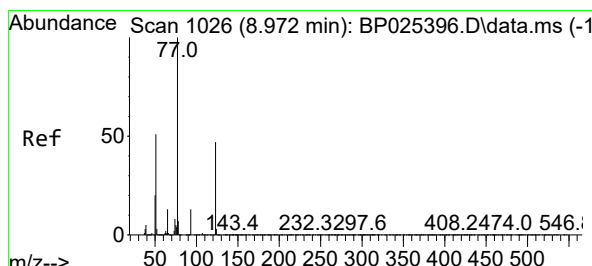
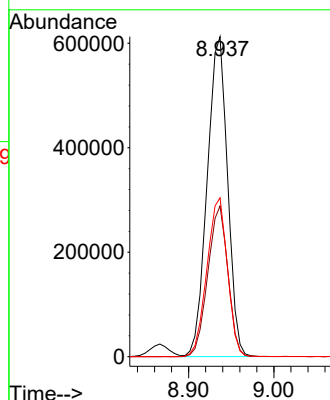
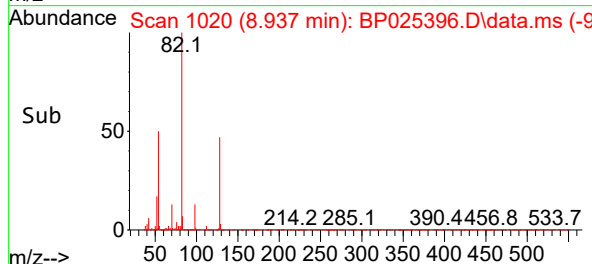
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 82 Resp: 101555
Ion Ratio Lower Upper
82 100
128 47.1 37.7 56.5
54 49.7 39.8 59.6

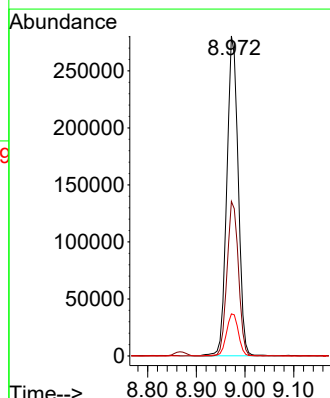
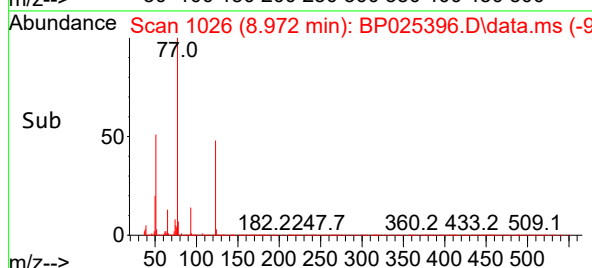
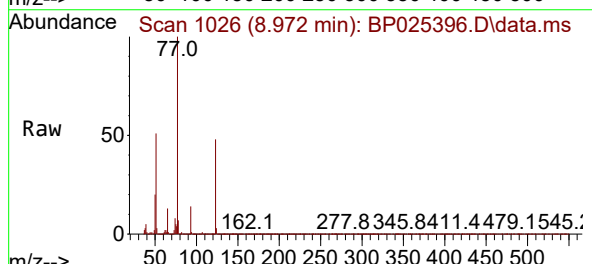
Manual Integrations
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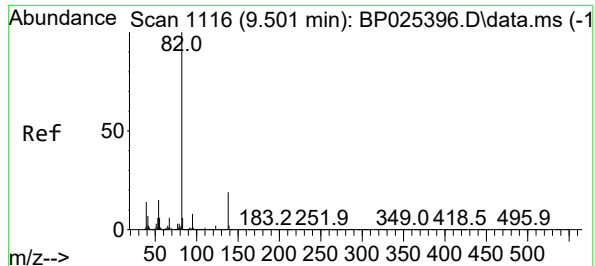
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#24
Nitrobenzene
Concen: 38.997 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

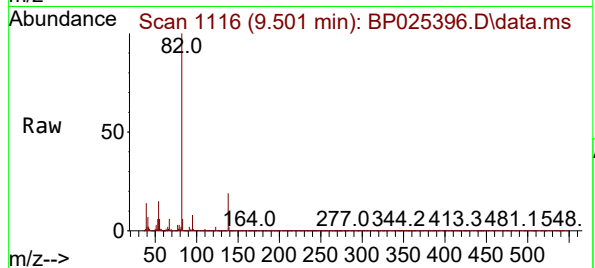
Tgt Ion: 77 Resp: 457175
Ion Ratio Lower Upper
77 100
123 48.3 38.6 58.0
65 13.2 10.6 15.8





#25
Isophorone
Concen: 38.510 ng
RT: 9.501 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

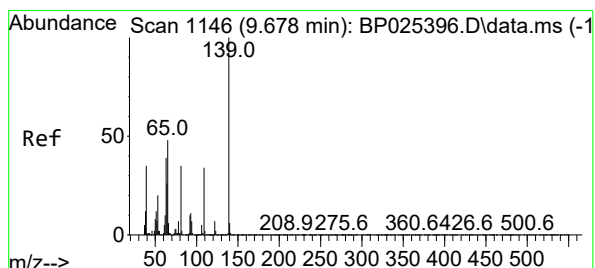
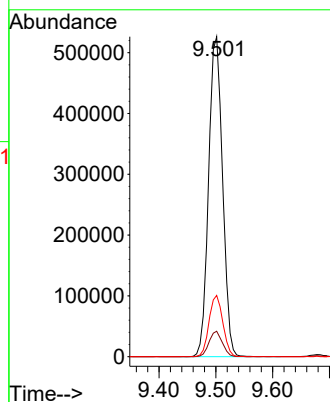
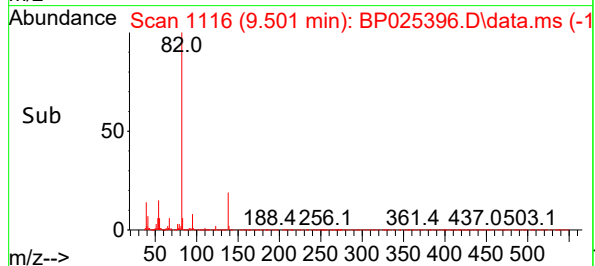
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 82 Resp: 89398
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 19.2 15.4 23.0

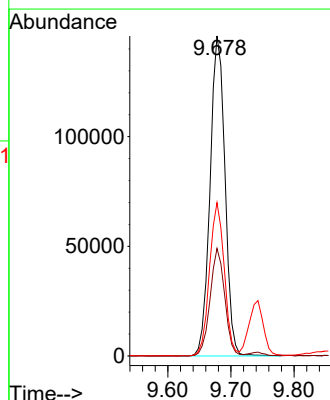
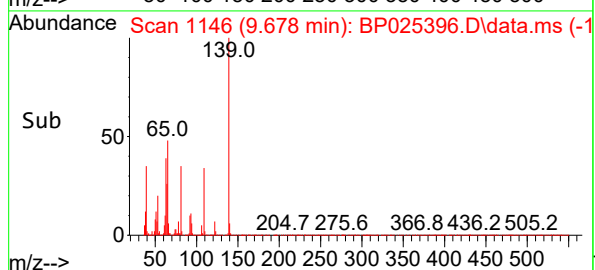
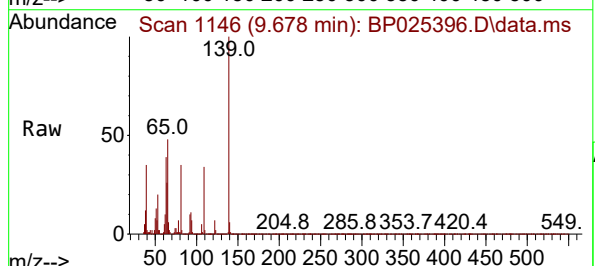
Manual Integrations
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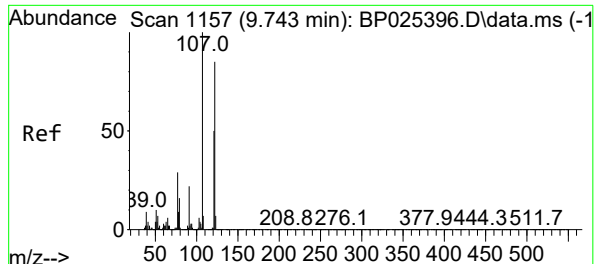
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#26
2-Nitrophenol
Concen: 39.837 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

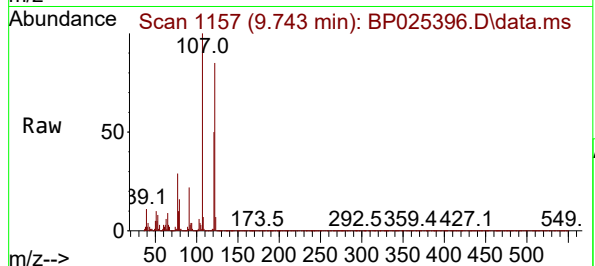
Tgt Ion:139 Resp: 239675
Ion Ratio Lower Upper
139 100
109 33.6 26.9 40.3
65 47.9 38.3 57.5





#27
2,4-Dimethylphenol
Concen: 39.489 ng
RT: 9.743 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

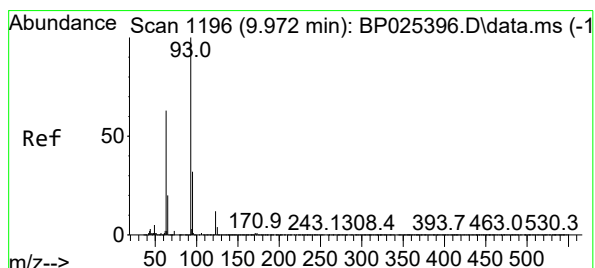
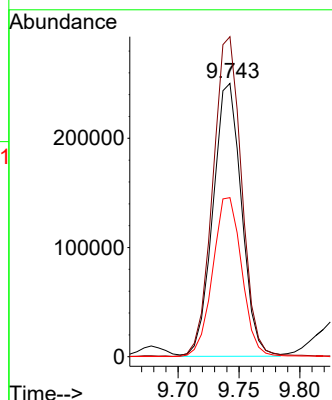
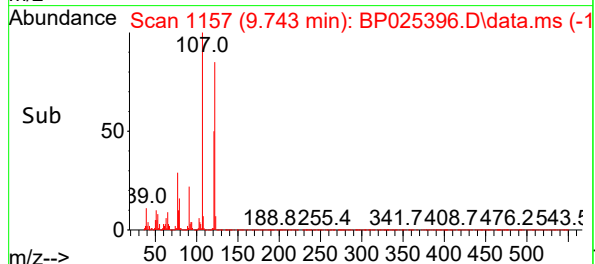
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 122 Resp: 408572
Ion Ratio Lower Upper
122 100
107 117.1 93.7 140.5
121 58.2 46.6 69.8

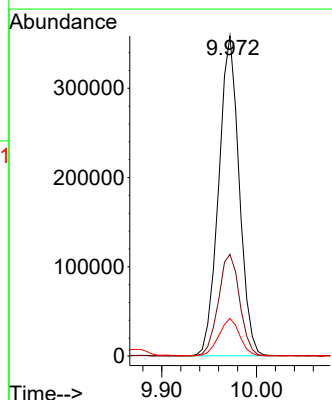
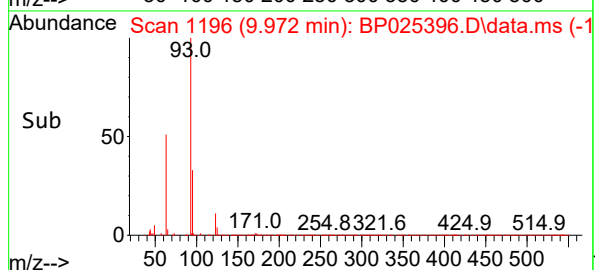
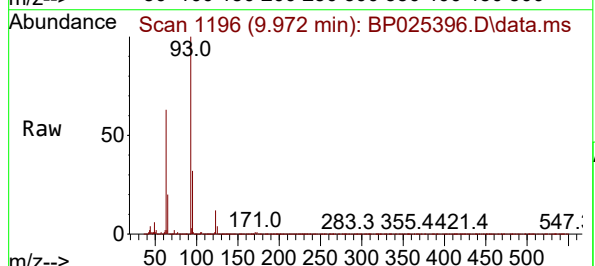
Manual Integrations
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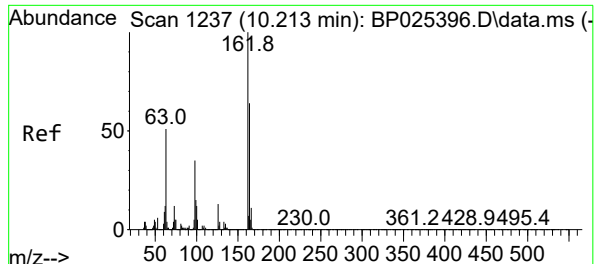
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#28
bis(2-Chloroethoxy)methane
Concen: 38.502 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 93 Resp: 540282
Ion Ratio Lower Upper
93 100
95 31.7 25.4 38.0
123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 39.427 ng

RT: 10.213 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 40523

Ion Ratio Lower Upper

162 100

164 64.4 44.4 84.4

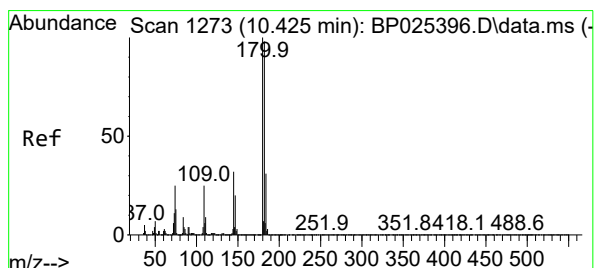
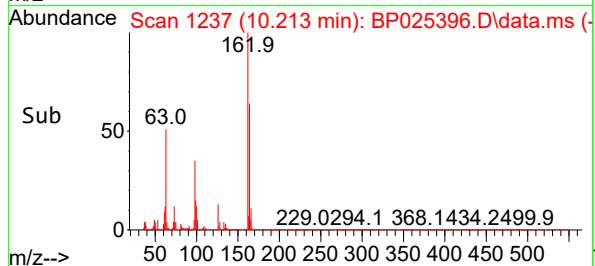
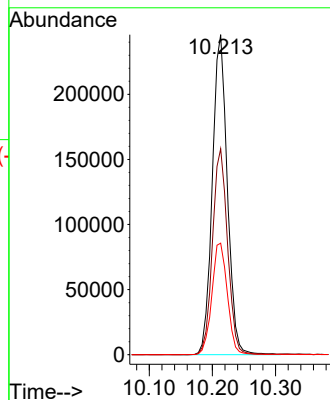
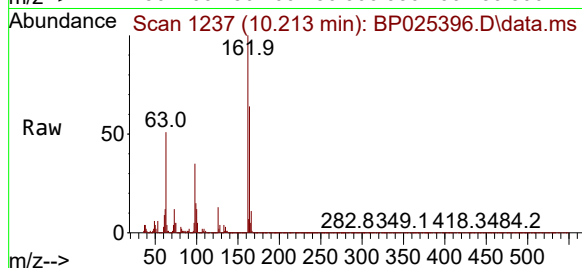
98 34.9 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 38.529 ng

RT: 10.425 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

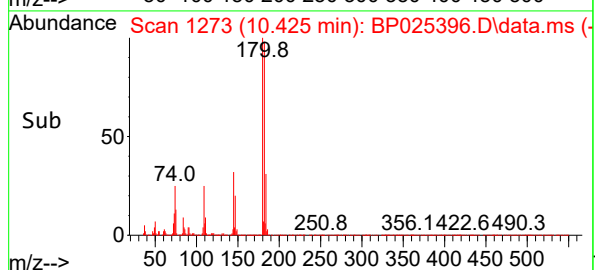
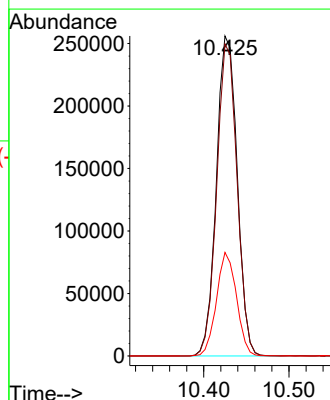
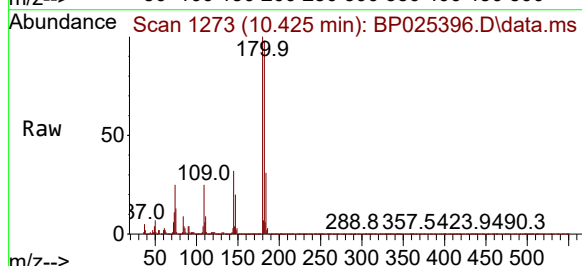
Tgt Ion:180 Resp: 434105

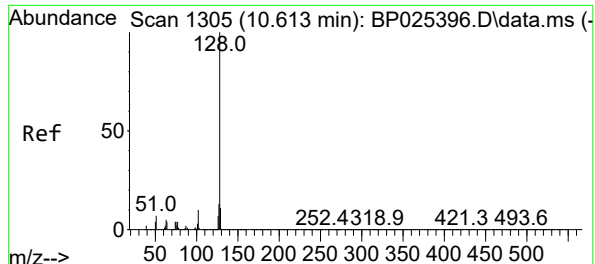
Ion Ratio Lower Upper

180 100

182 97.5 78.0 117.0

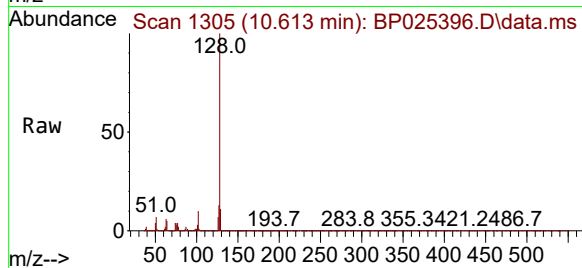
145 32.4 25.9 38.9





#31
Naphthalene
Concen: 38.472 ng
RT: 10.613 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

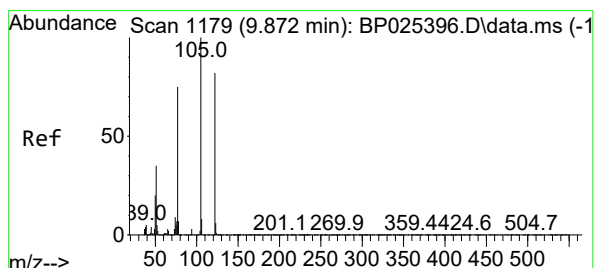
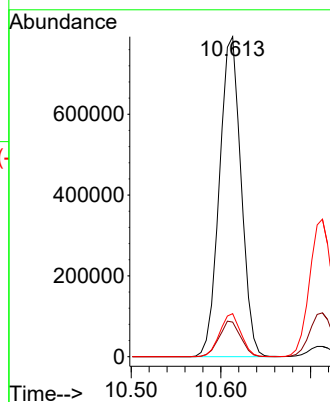
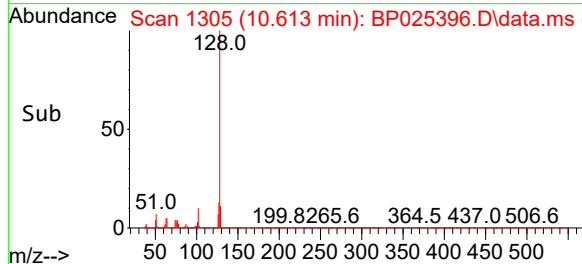
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 1326839
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.4 10.7 16.1

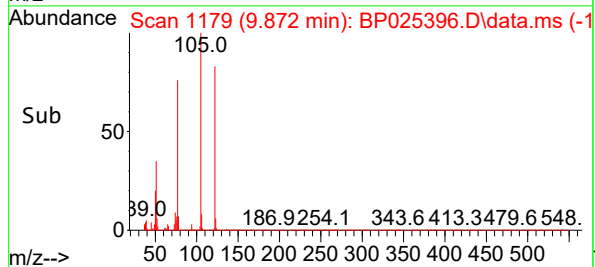
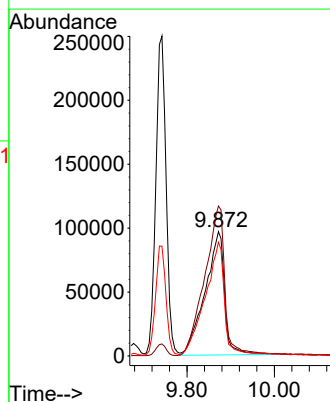
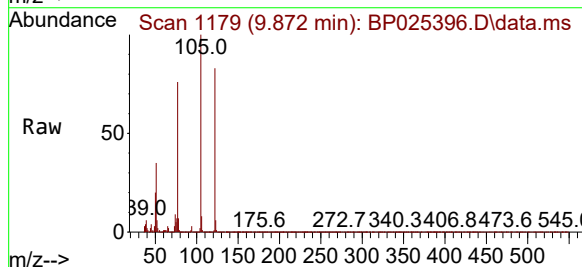
Manual Integrations
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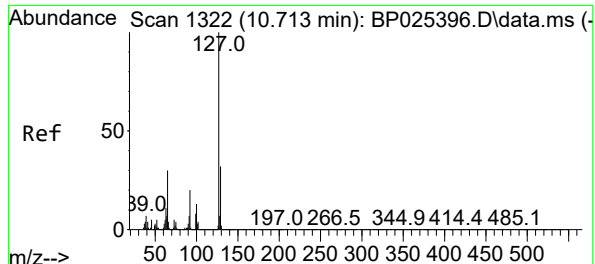
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 39.537 ng
RT: 9.872 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

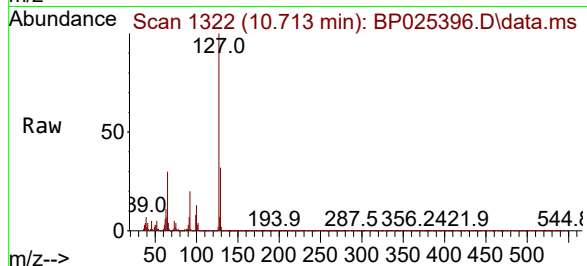
Tgt Ion:122 Resp: 301281
Ion Ratio Lower Upper
122 100
105 120.6 100.6 140.6
77 91.5 71.5 111.5





#33
4-Chloroaniline
Concen: 39.350 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

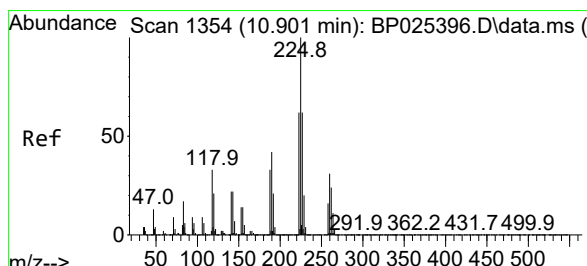
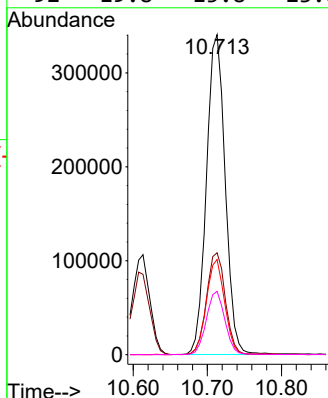
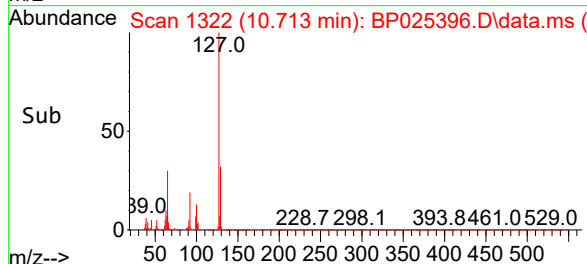
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



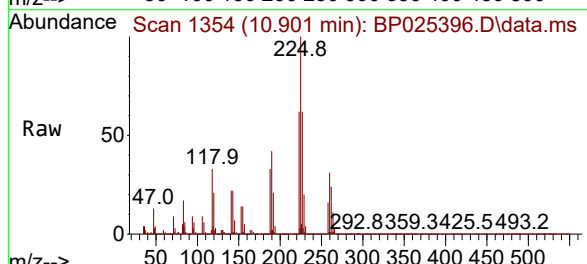
Tgt Ion:127 Resp: 599460
Ion Ratio Lower Upper
127 100
129 31.8 25.4 38.2
65 29.7 23.8 35.6
92 19.8 15.8 23.8

Manual Integrations
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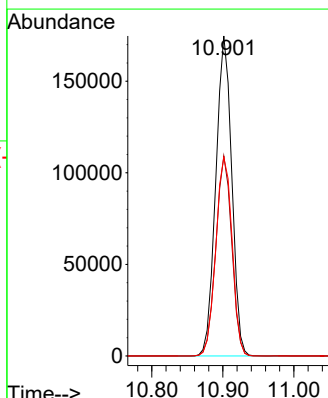
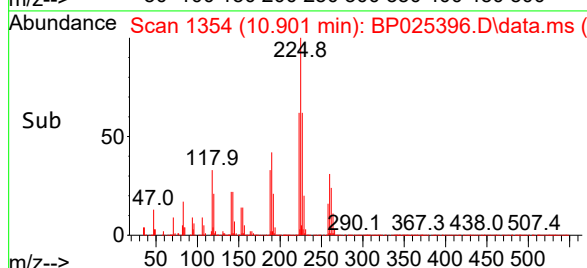
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

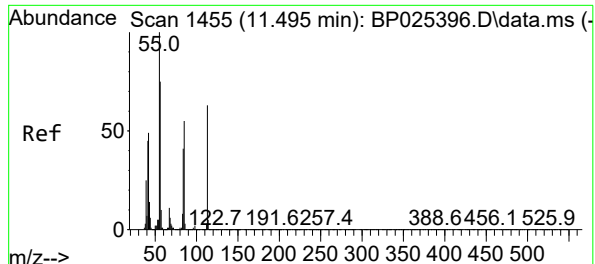


#34
Hexachlorobutadiene
Concen: 38.700 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19



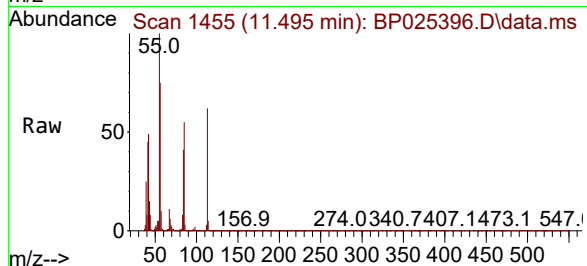
Tgt Ion:225 Resp: 271549
Ion Ratio Lower Upper
225 100
223 62.5 50.0 75.0
227 62.1 49.7 74.5





#35
Caprolactam
Concen: 38.520 ng
RT: 11.495 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

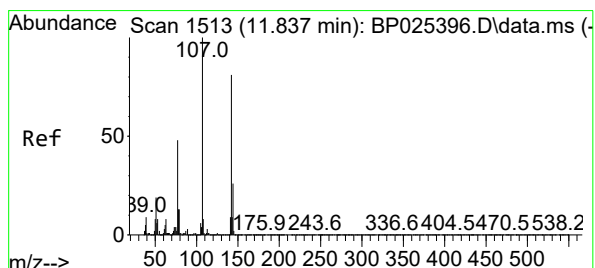
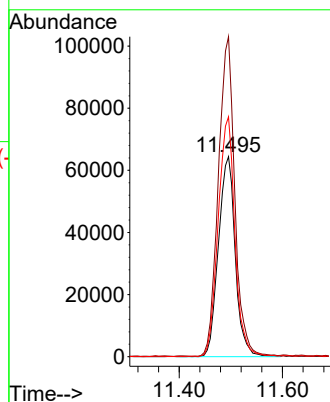
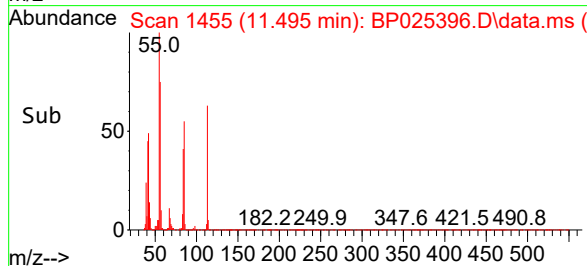
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



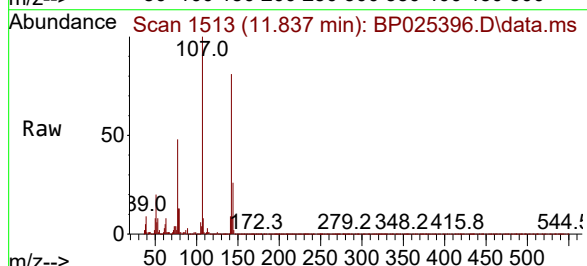
Tgt Ion:113 Resp: 14517
Ion Ratio Lower Upper
113 100
55 160.0 140.0 180.0
56 120.0 100.0 140.0

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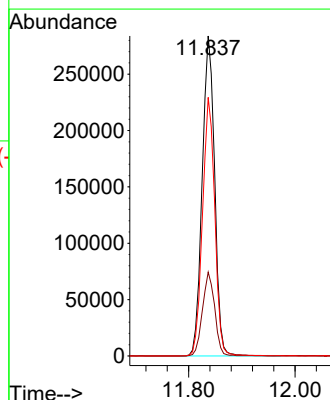
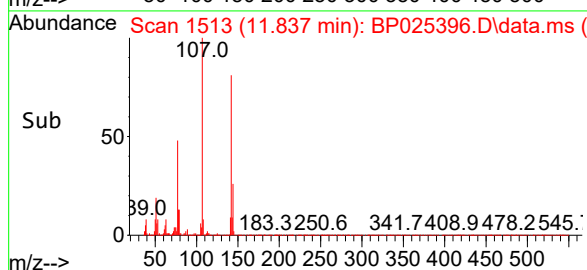
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

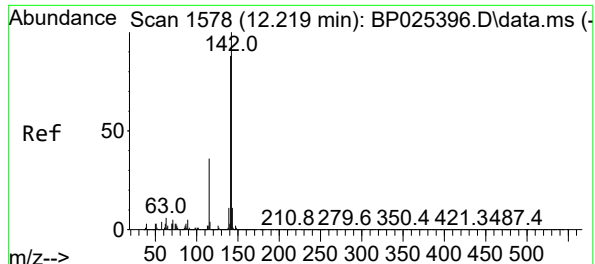


#36
4-Chloro-3-methylphenol
Concen: 38.959 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19



Tgt Ion:107 Resp: 459473
Ion Ratio Lower Upper
107 100
144 26.2 21.0 31.4
142 80.8 64.6 97.0





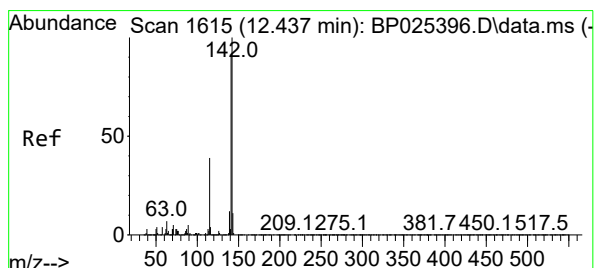
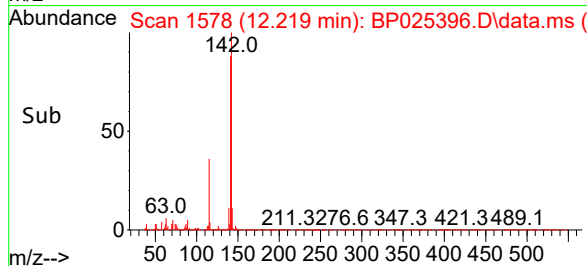
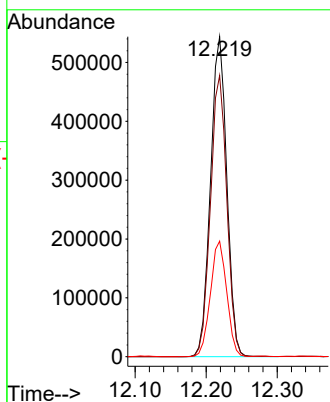
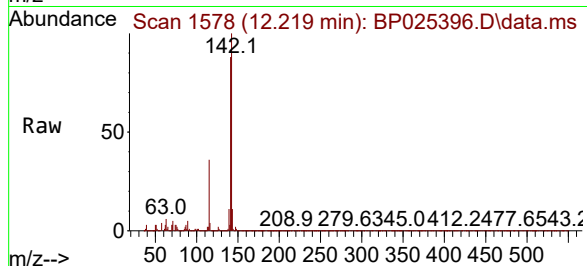
#37
2-Methylnaphthalene
Concen: 38.559 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 86542
Ion Ratio Lower Upper
142 100
141 87.9 70.3 105.5
115 36.1 28.9 43.3

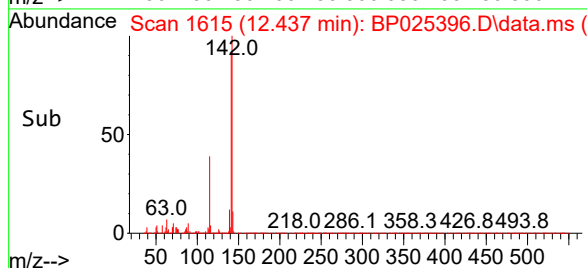
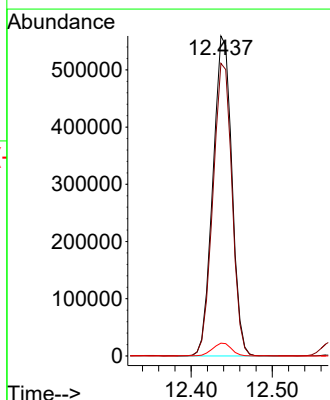
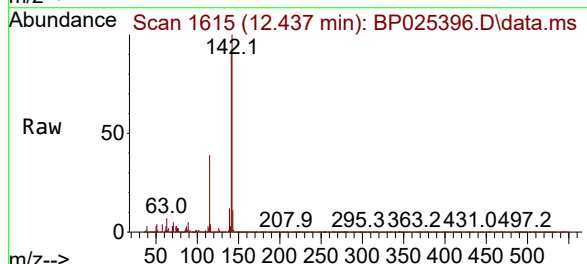
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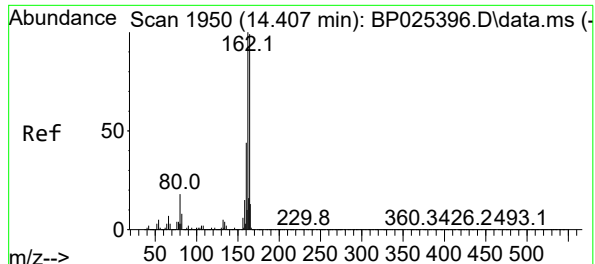
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 38.120 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:142 Resp: 909865
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.407 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:164 Resp: 441110

Ion Ratio Lower Upper

164 100

162 101.3 81.0 121.6

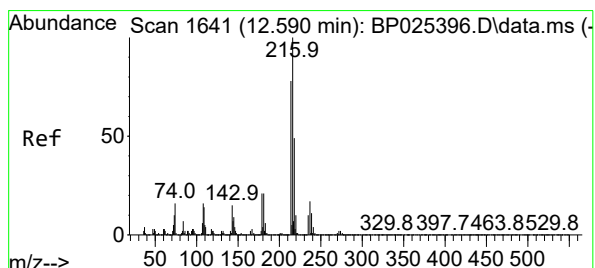
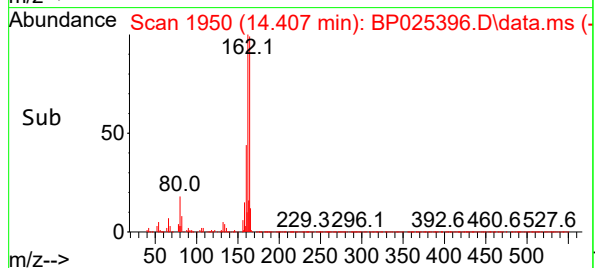
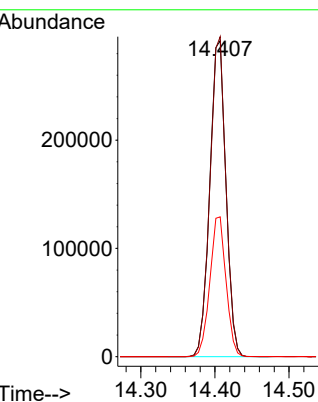
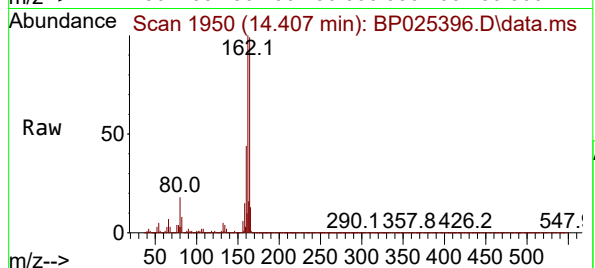
160 44.3 35.4 53.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.787 ng

RT: 12.590 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Tgt Ion:216 Resp: 494141

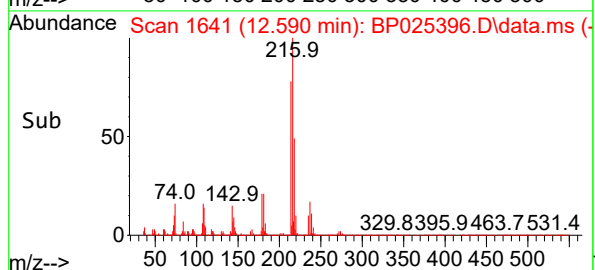
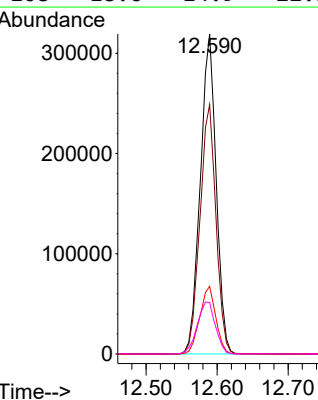
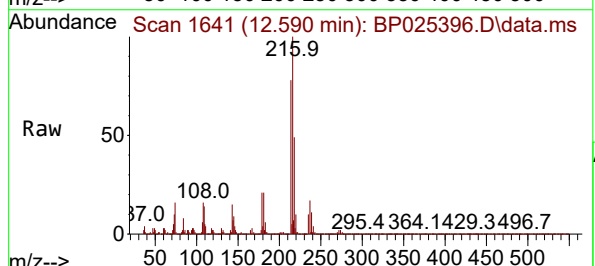
Ion Ratio Lower Upper

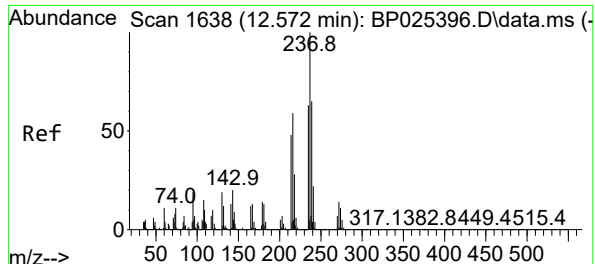
216 100

214 78.7 63.0 94.4

179 21.4 17.1 25.7

108 18.6 14.9 22.3





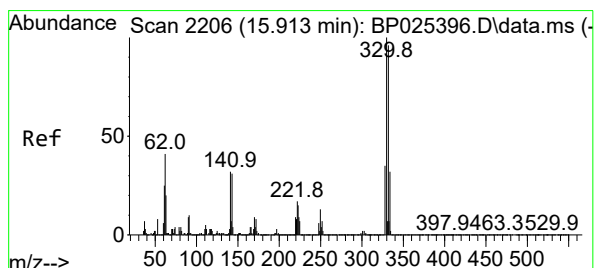
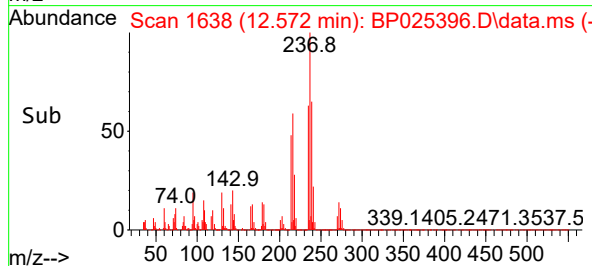
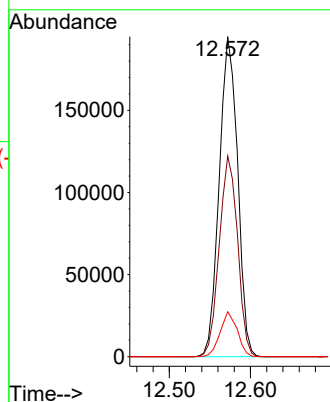
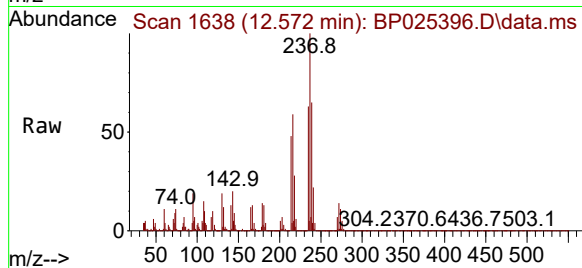
#41
Hexachlorocyclopentadiene
Concen: 39.896 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 237 Resp: 307015
Ion Ratio Lower Upper
237 100
235 62.7 42.7 82.7
272 14.0 0.0 34.0

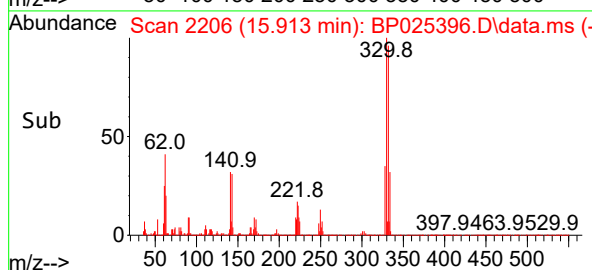
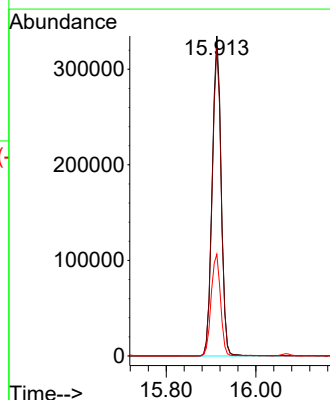
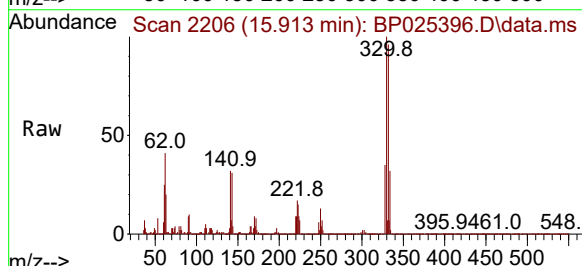
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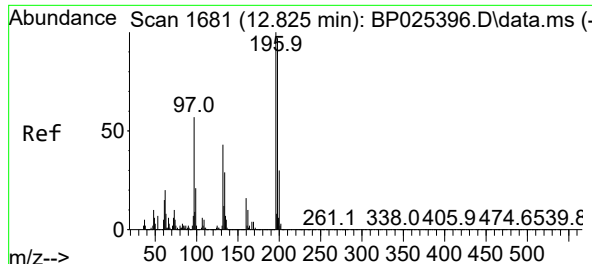
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#42
2,4,6-Tribromophenol
Concen: 78.112 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 330 Resp: 463783
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 33.2 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 39.201 ng

RT: 12.825 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

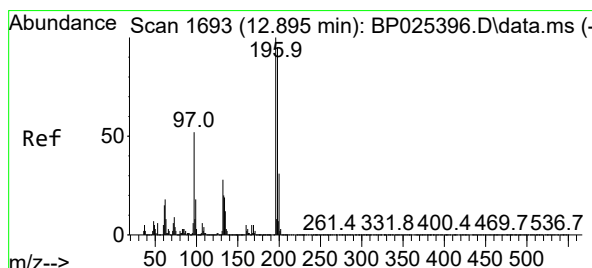
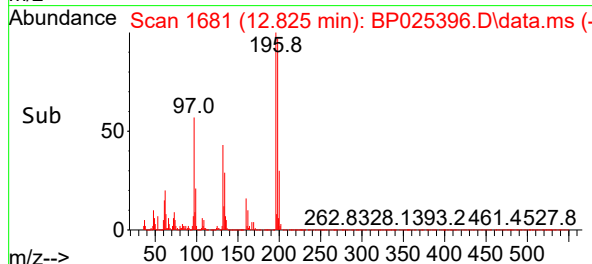
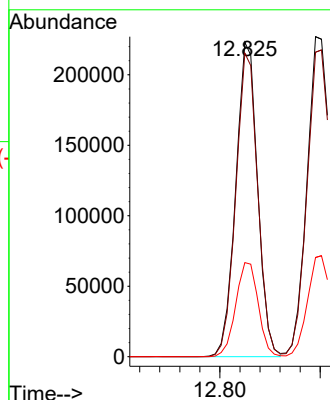
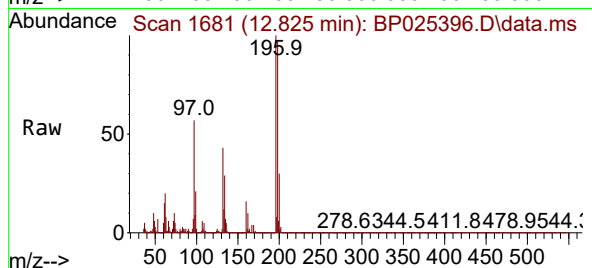
SSTDICCC040

Tgt Ion:	196	Resp:	33715
Ion Ratio	Lower	Upper	
196	100		
198	96.5	77.2	115.8
200	29.9	23.9	35.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#44

2,4,5-Trichlorophenol

Concen: 39.664 ng

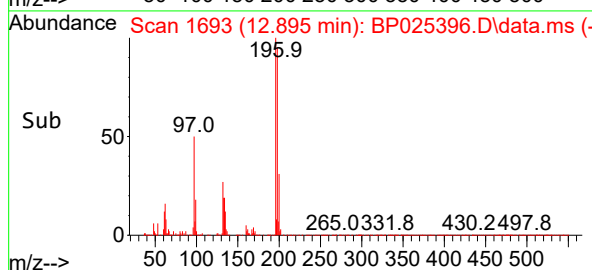
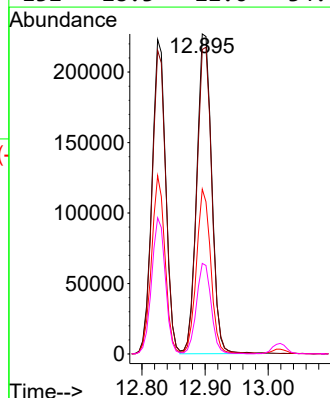
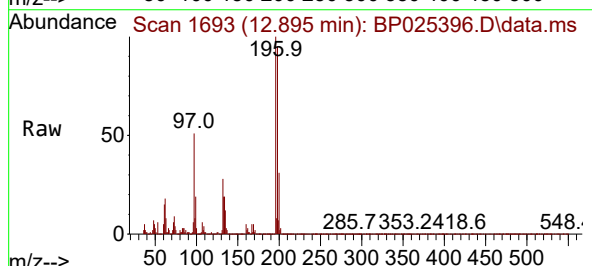
RT: 12.895 min Scan# 1693

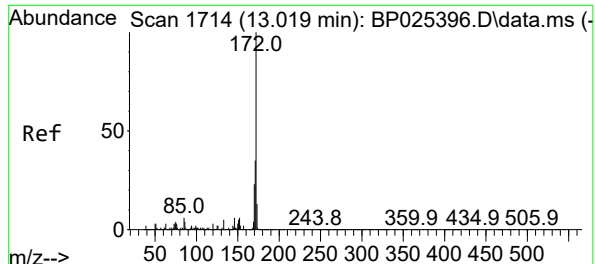
Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Tgt Ion:	196	Resp:	373880
Ion Ratio	Lower	Upper	
196	100		
198	95.2	76.2	114.2
97	51.5	41.2	61.8
132	28.3	22.6	34.0





#45

2-Fluorobiphenyl

Concen: 76.118 ng

RT: 13.019 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:172 Resp: 245678

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

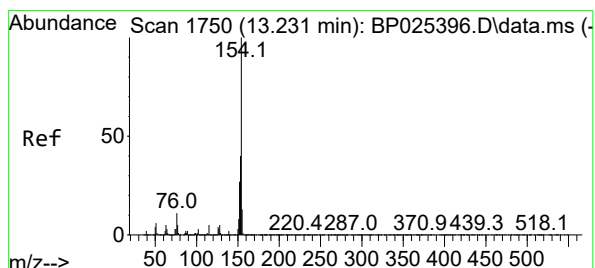
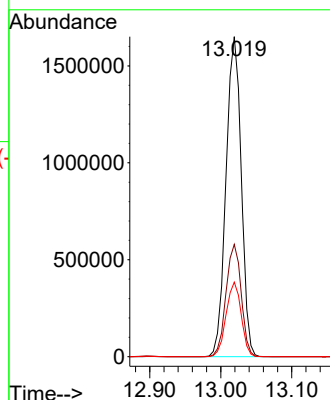
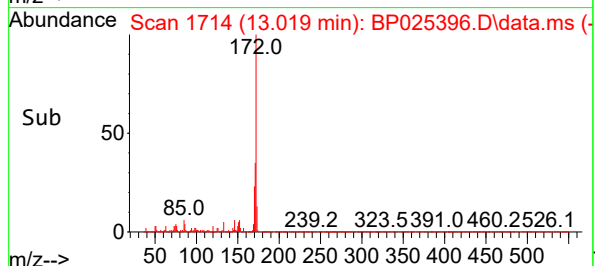
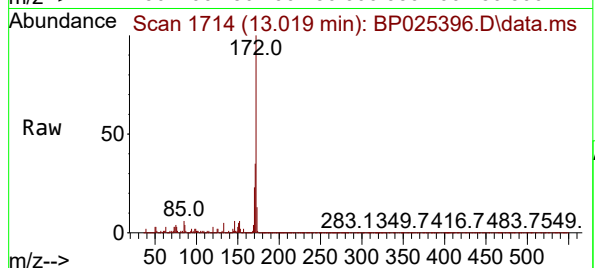
170 23.3 18.6 28.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#46

1,1'-Biphenyl

Concen: 38.777 ng

RT: 13.231 min Scan# 1750

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

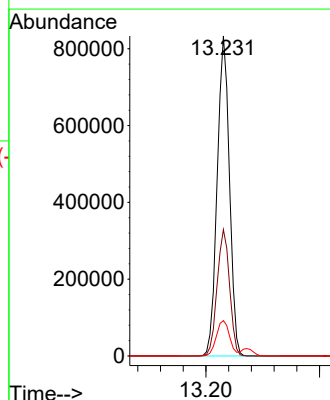
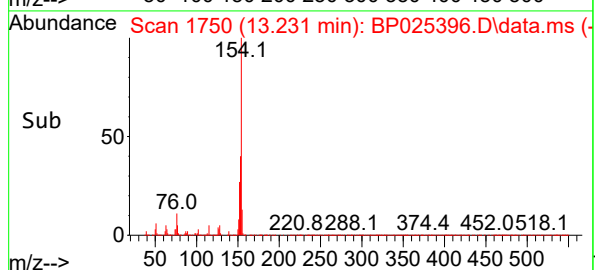
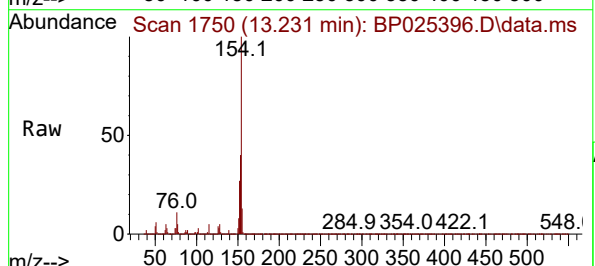
Tgt Ion:154 Resp: 1242247

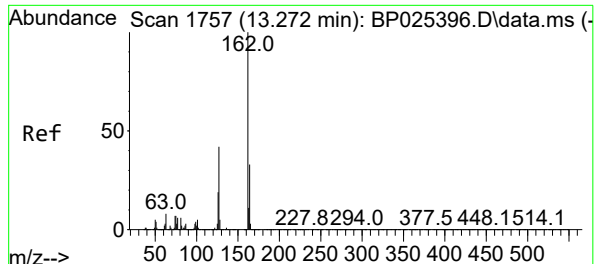
Ion Ratio Lower Upper

154 100

153 39.5 19.5 59.5

76 11.1 0.0 31.1





#47

2-Chloronaphthalene

Concen: 38.930 ng

RT: 13.272 min Scan# 1757

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 97090

Ion Ratio Lower Upper

162 100

127 41.8 33.4 50.2

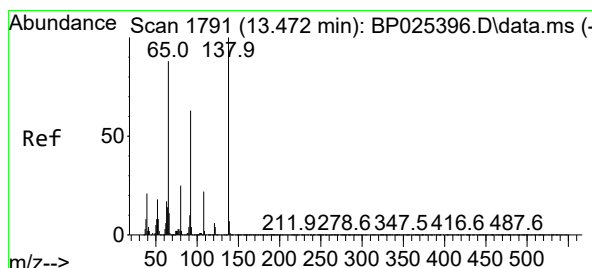
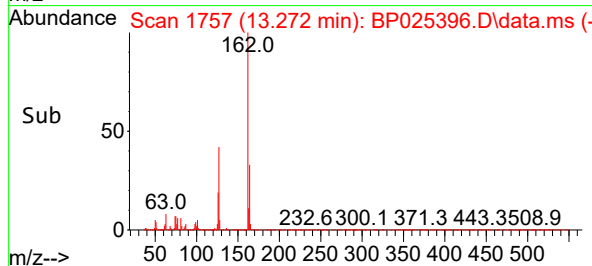
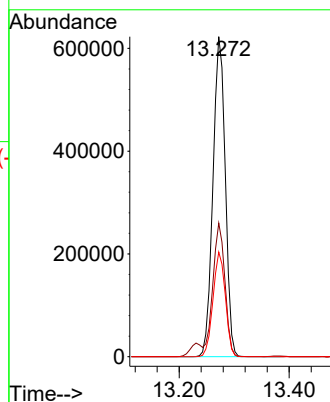
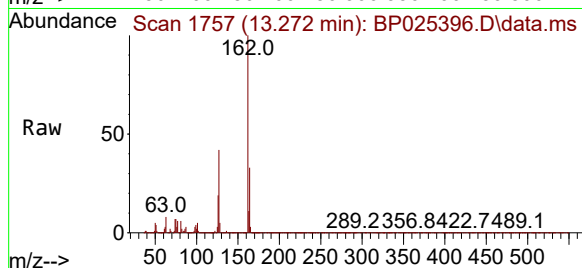
164 32.7 26.2 39.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#48

2-Nitroaniline

Concen: 40.092 ng

RT: 13.472 min Scan# 1791

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

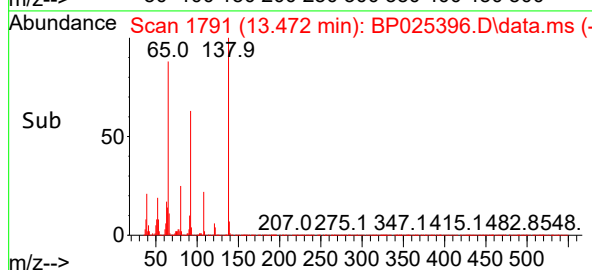
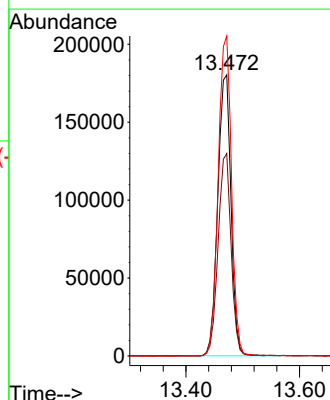
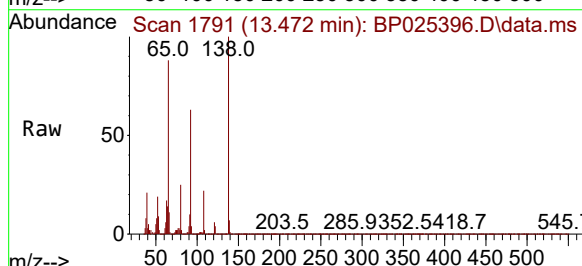
Tgt Ion: 65 Resp: 291341

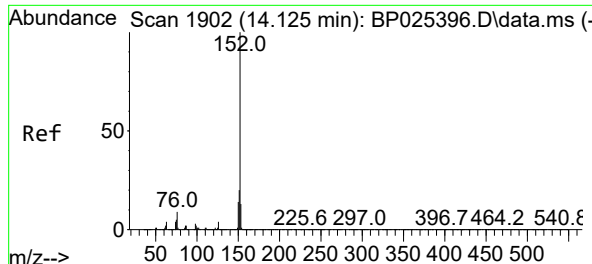
Ion Ratio Lower Upper

65 100

92 72.0 57.6 86.4

138 113.8 91.0 136.6





#49

Acenaphthylene

Concen: 38.617 ng

RT: 14.125 min Scan# 1902

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:152 Resp: 1593630

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

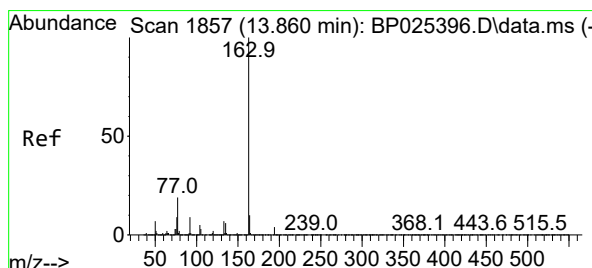
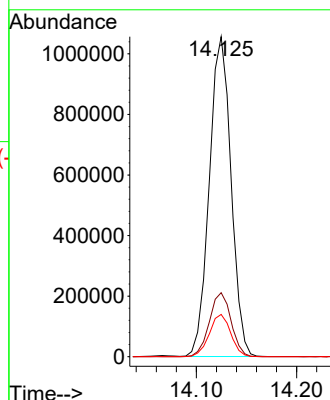
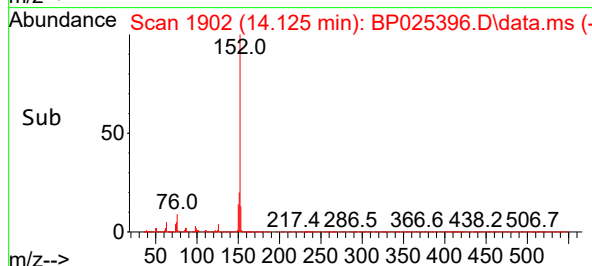
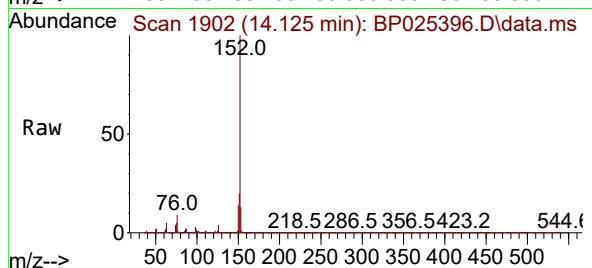
153 13.2 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#50

Dimethylphthalate

Concen: 38.316 ng

RT: 13.860 min Scan# 1857

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

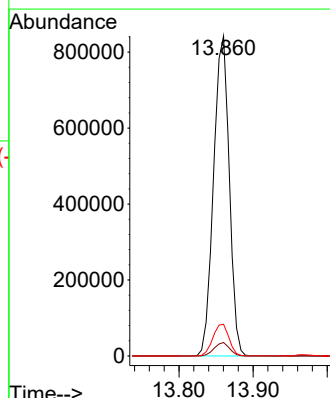
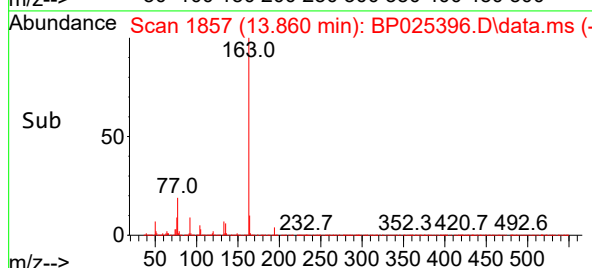
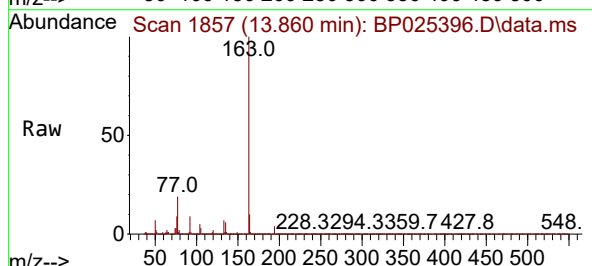
Tgt Ion:163 Resp: 1237666

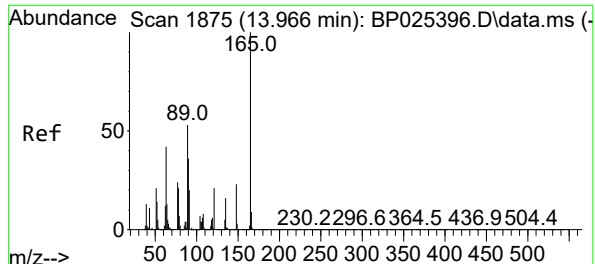
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

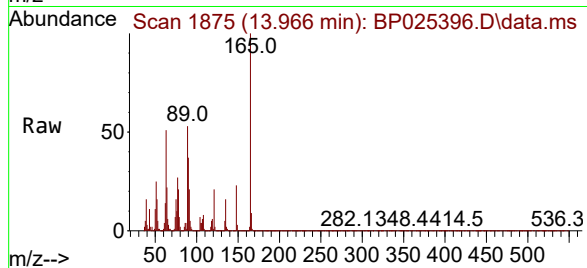
164 9.9 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 40.061 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

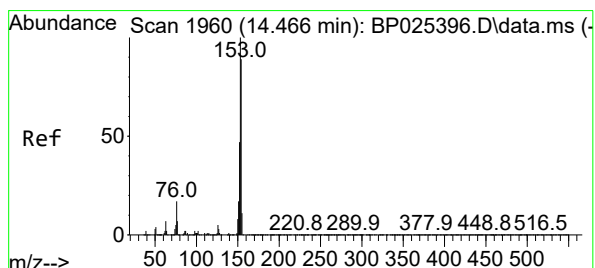
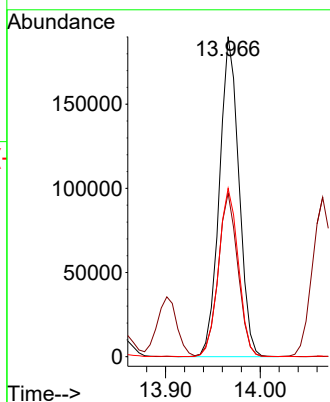
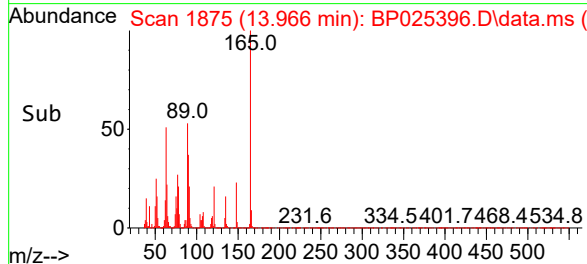
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 272750
Ion Ratio Lower Upper
165 100
63 51.1 40.9 61.3
89 52.6 42.1 63.1

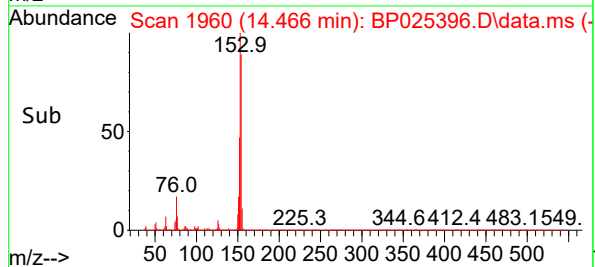
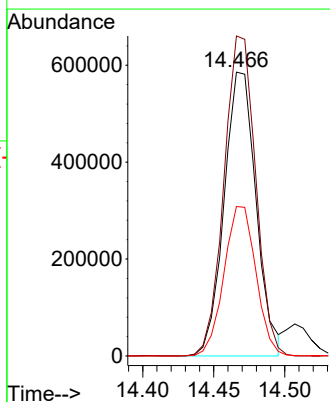
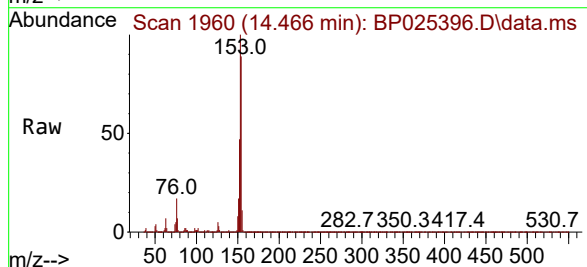
Manual Integrations
APPROVED

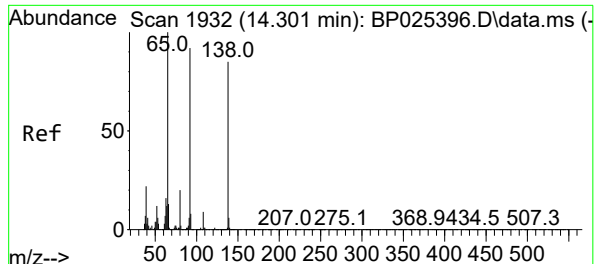
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#52
Acenaphthene
Concen: 37.921 ng
RT: 14.466 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

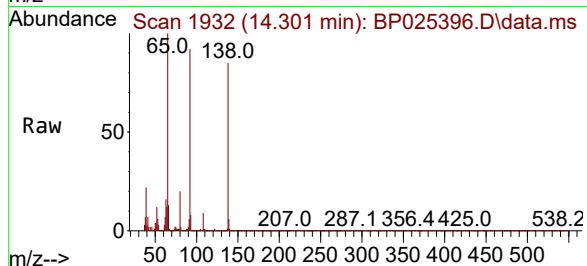
Tgt Ion:154 Resp: 918569
Ion Ratio Lower Upper
154 100
153 112.7 90.2 135.2
152 52.6 42.1 63.1





#53
3-Nitroaniline
Concen: 39.349 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

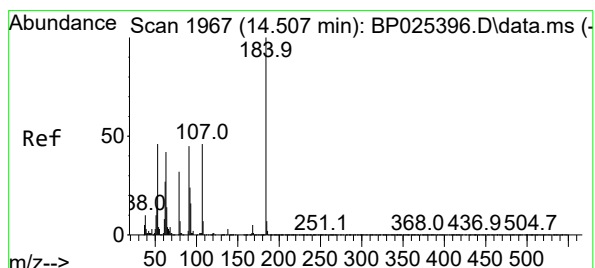
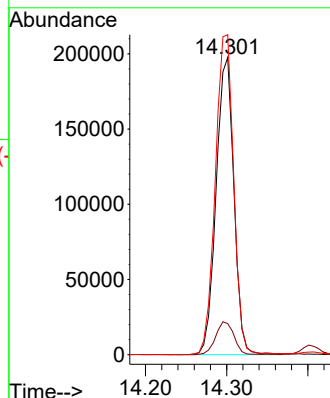
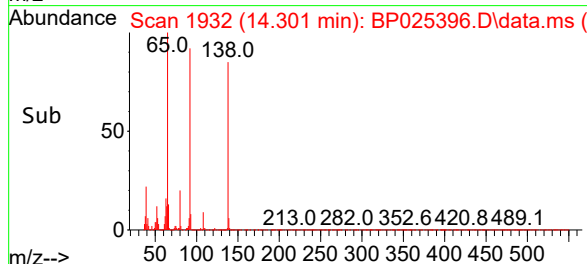
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



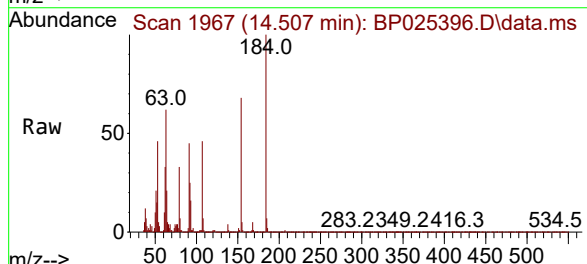
Tgt Ion:138 Resp: 30141
Ion Ratio Lower Upper
138 100
108 10.4 8.3 12.5
92 107.7 86.2 129.2

Manual Integrations
APPROVED

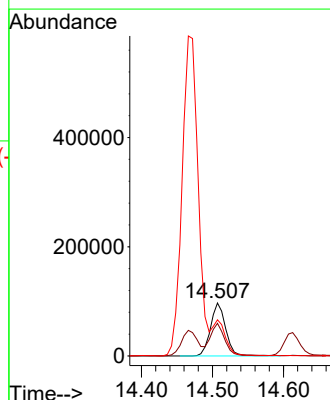
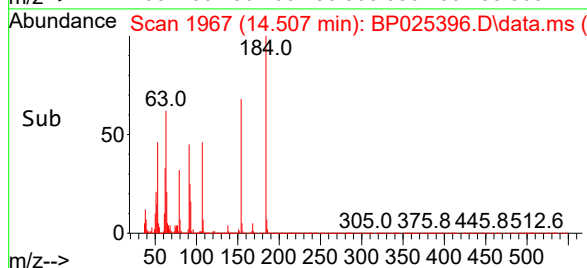
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

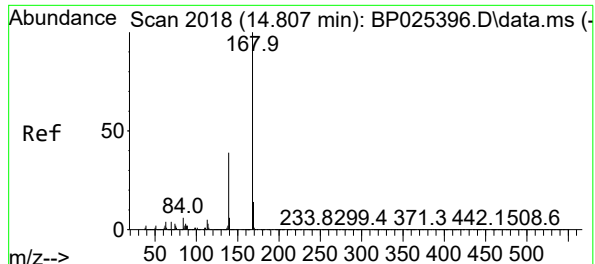


#54
2,4-Dinitrophenol
Concen: 39.633 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19



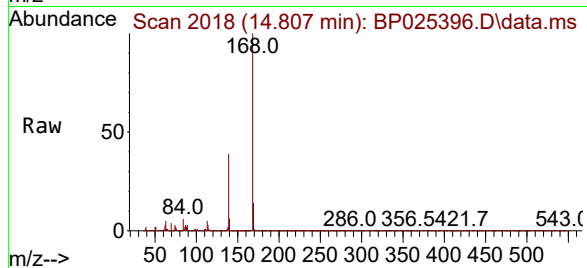
Tgt Ion:184 Resp: 144100
Ion Ratio Lower Upper
184 100
63 61.8 49.4 74.2
154 68.3 54.6 82.0





#55
Dibenzenofuran
Concen: 38.624 ng
RT: 14.807 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

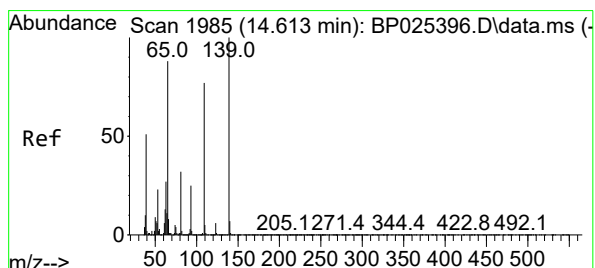
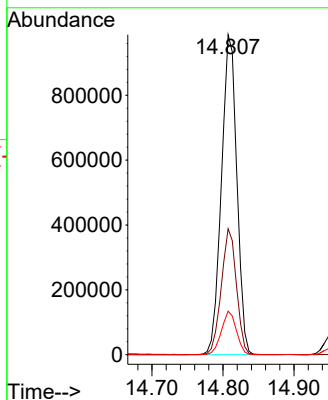
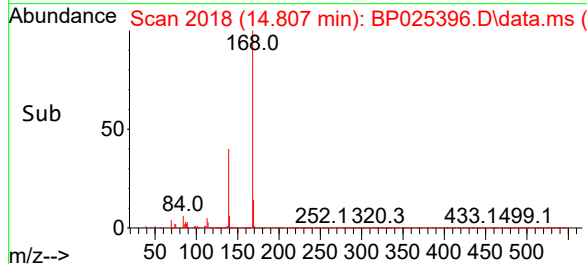
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 1479220
Ion Ratio Lower Upper
168 100
139 39.4 31.5 47.3
169 13.6 10.9 16.3

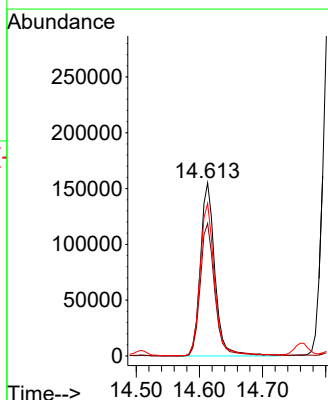
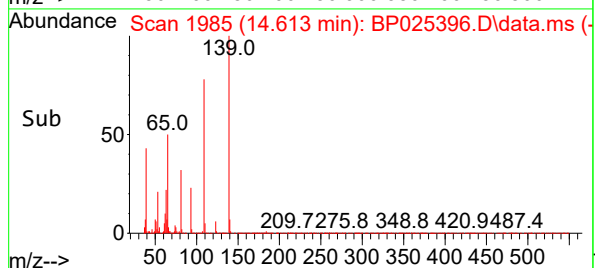
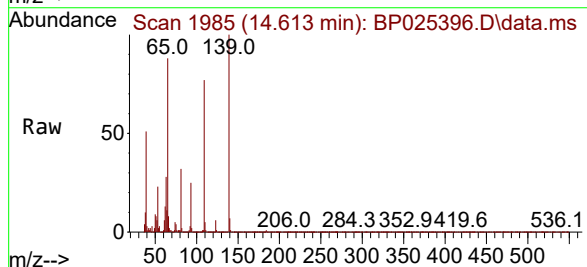
Manual Integrations
APPROVED

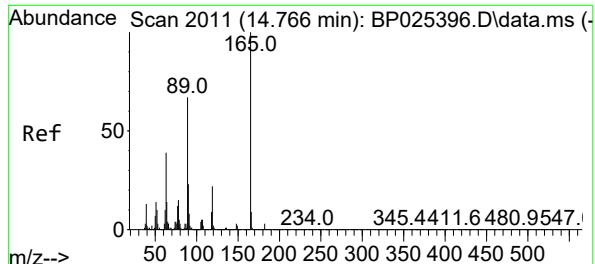
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#56
4-Nitrophenol
Concen: 39.168 ng
RT: 14.613 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

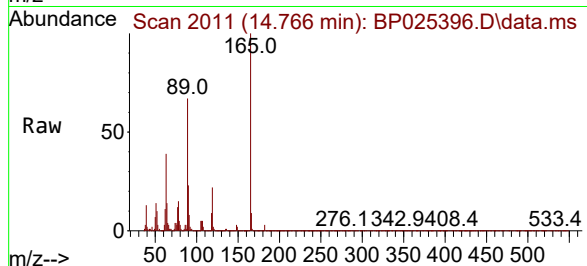
Tgt Ion:139 Resp: 246542
Ion Ratio Lower Upper
139 100
109 76.6 56.6 96.6
65 88.2 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 39.757 ng
RT: 14.766 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

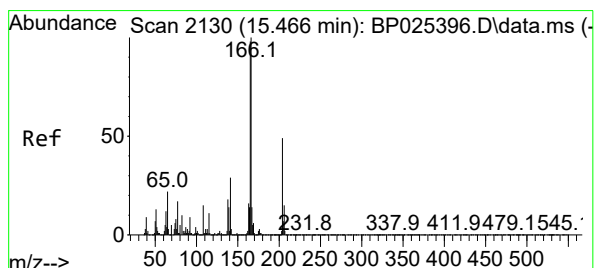
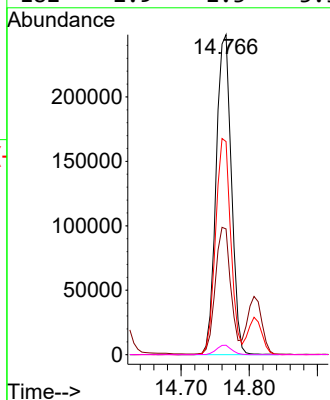
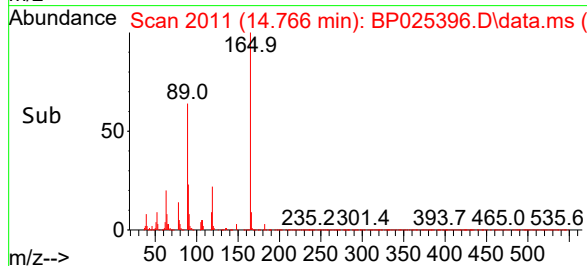
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 386189
Ion Ratio Lower Upper
165 100
63 39.3 31.4 47.2
89 66.6 53.3 79.9
182 2.9 2.3 3.5

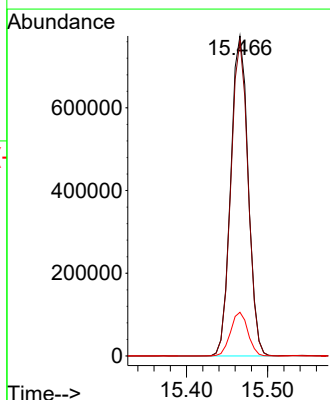
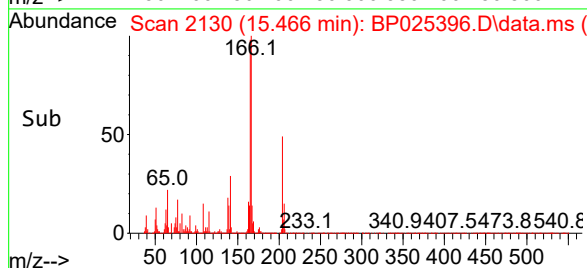
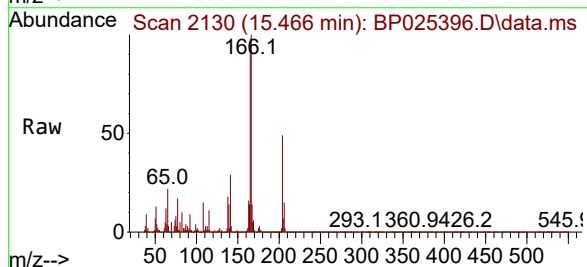
Manual Integrations
APPROVED

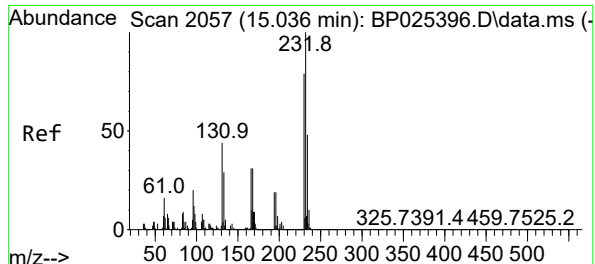
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#58
Fluorene
Concen: 38.115 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:166 Resp: 1151825
Ion Ratio Lower Upper
166 100
165 98.5 78.8 118.2
167 13.7 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.975 ng

RT: 15.036 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 324390

Ion Ratio Lower Upper

232 100

131 46.3 37.0 55.6

130 2.4 1.9 2.9

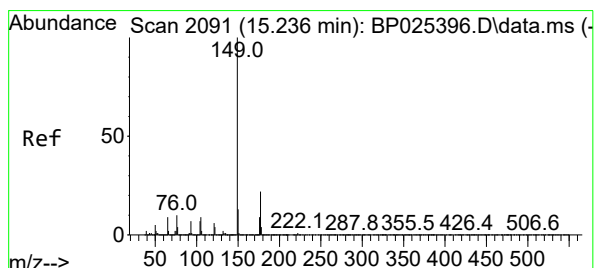
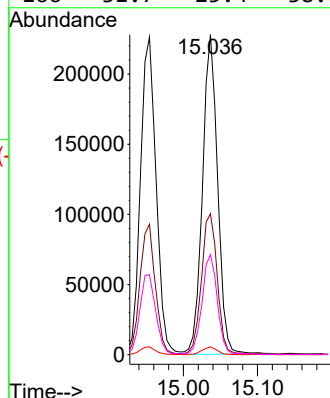
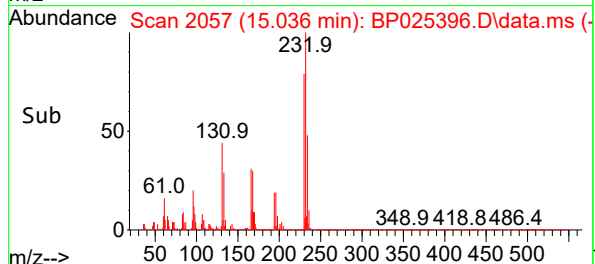
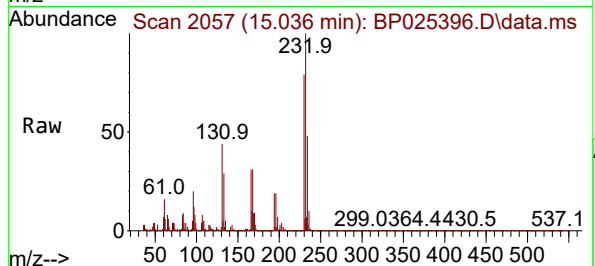
166 31.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#60

Diethylphthalate

Concen: 38.533 ng

RT: 15.236 min Scan# 2091

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

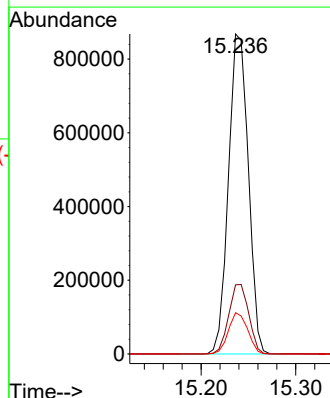
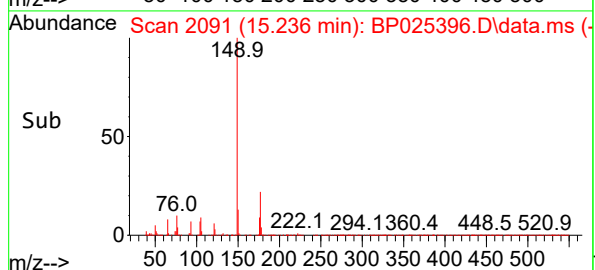
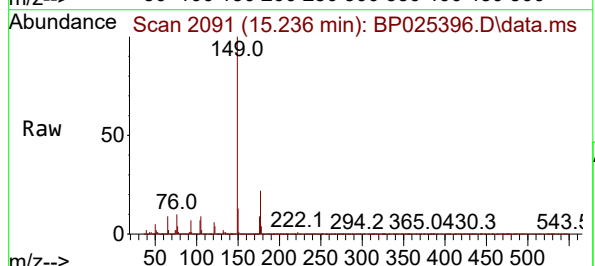
Tgt Ion:149 Resp: 1264740

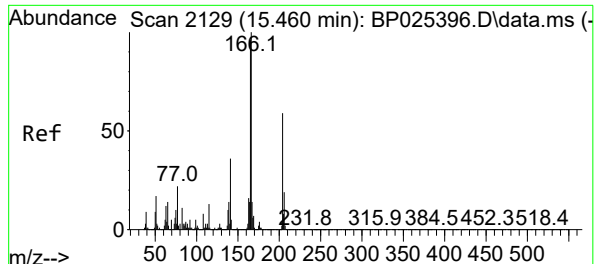
Ion Ratio Lower Upper

149 100

177 21.6 17.3 25.9

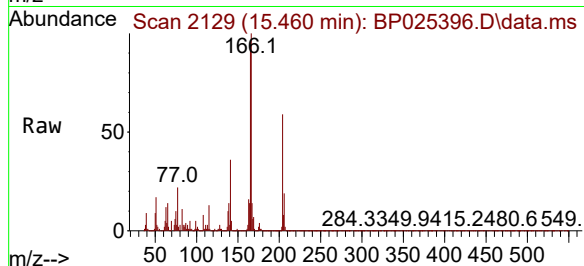
150 12.9 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 38.228 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

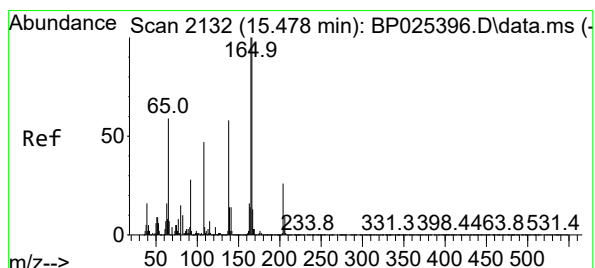
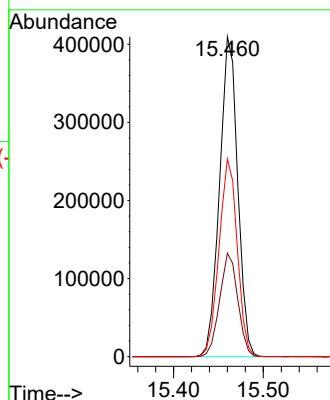
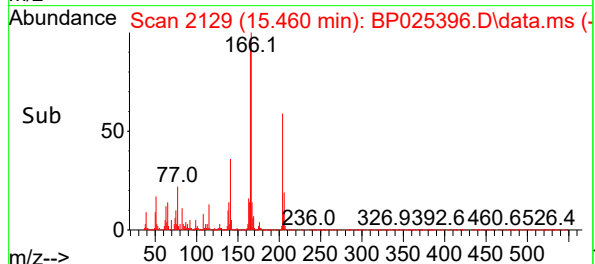
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:204 Resp: 574540
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.8
141 61.8 49.4 74.2

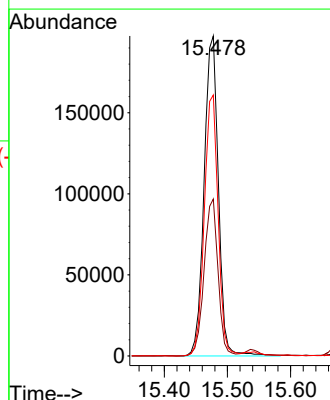
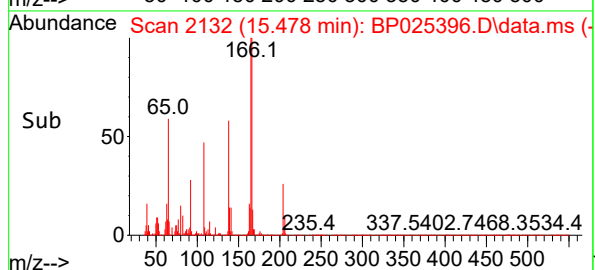
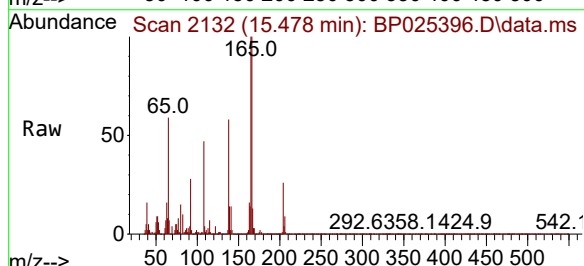
Manual Integrations
APPROVED

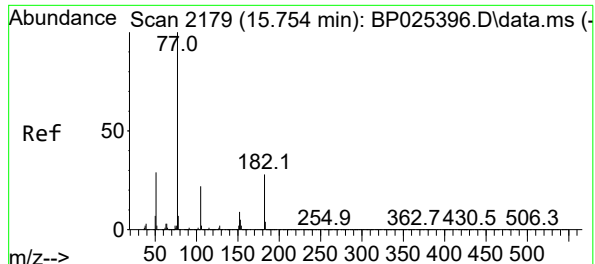
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#62
4-Nitroaniline
Concen: 39.443 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

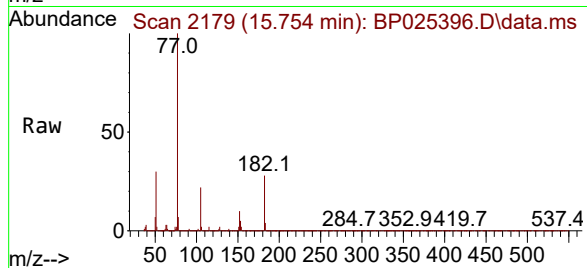
Tgt Ion:138 Resp: 309740
Ion Ratio Lower Upper
138 100
92 49.1 29.1 69.1
108 81.5 61.5 101.5





#63
Azobenzene
Concen: 38.820 ng
RT: 15.754 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

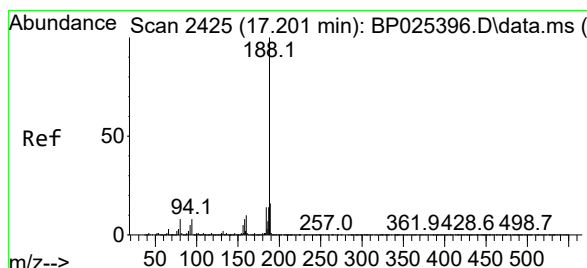
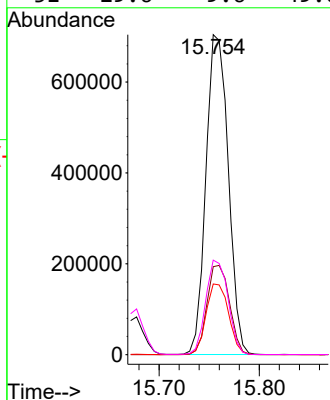
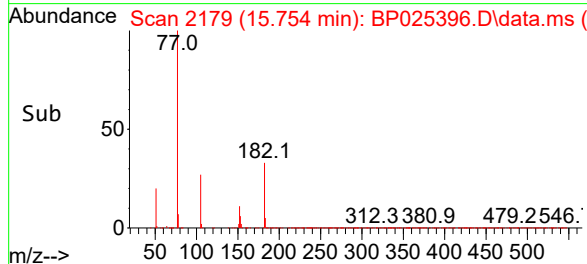
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 1091004
Ion Ratio Lower Upper
77 100
182 27.5 7.5 47.5
105 22.1 2.1 42.1
51 29.6 9.6 49.6

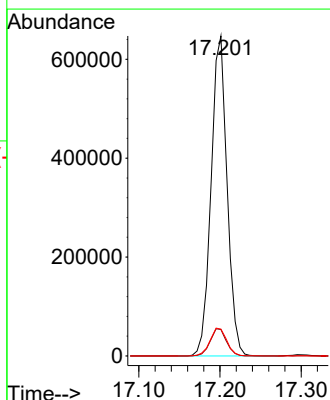
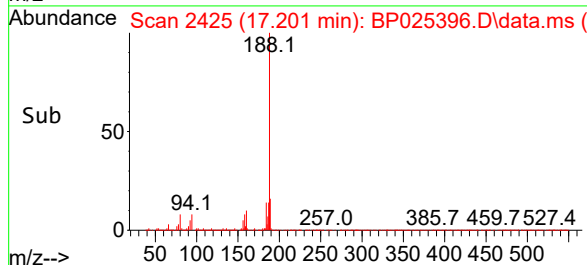
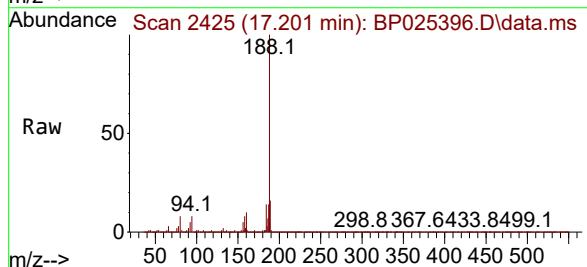
Manual Integrations
APPROVED

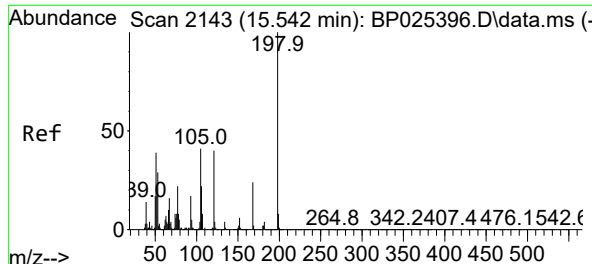
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

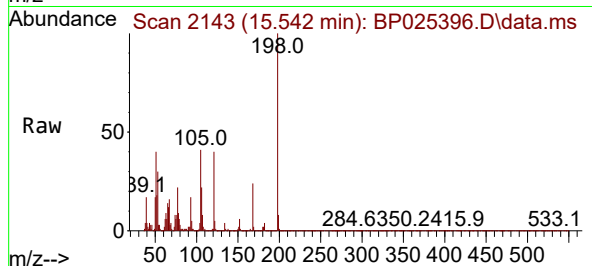
Tgt Ion:188 Resp: 884529
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 8.4 6.7 10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 39.384 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

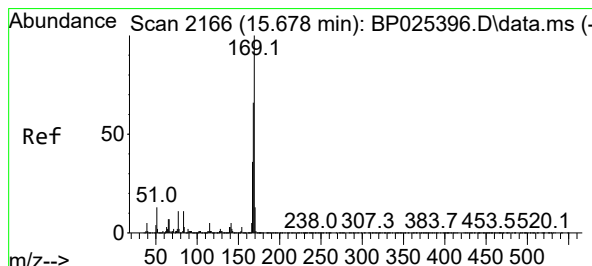
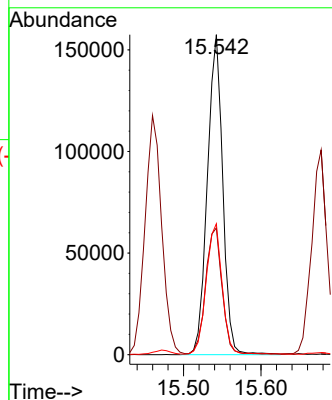
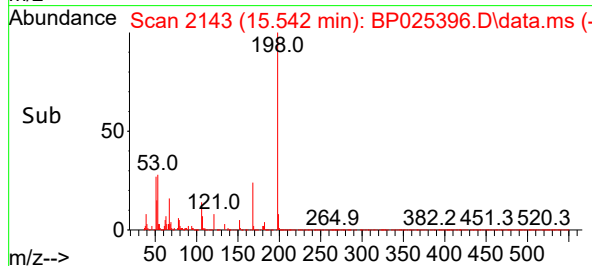
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:198 Resp: 21715
Ion Ratio Lower Upper
198 100
51 39.6 19.6 59.6
105 40.9 20.9 60.9

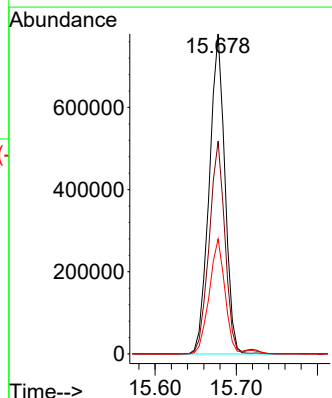
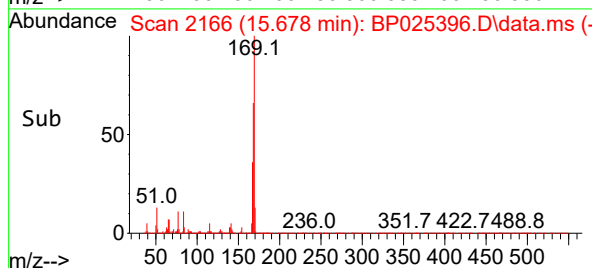
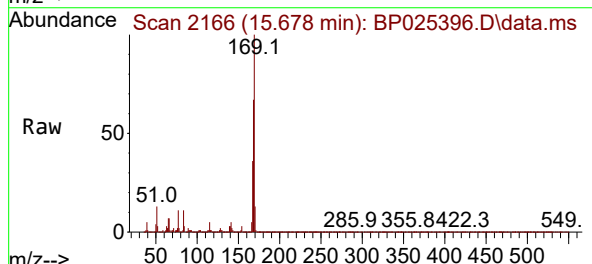
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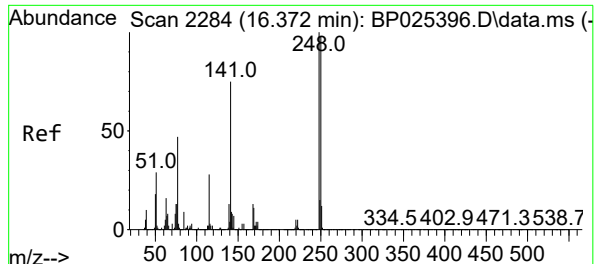
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 38.749 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:169 Resp: 1045170
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 35.9 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 38.739 ng

RT: 16.372 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:248 Resp: 376864

Ion Ratio Lower Upper

248 100

250 97.7 78.2 117.2

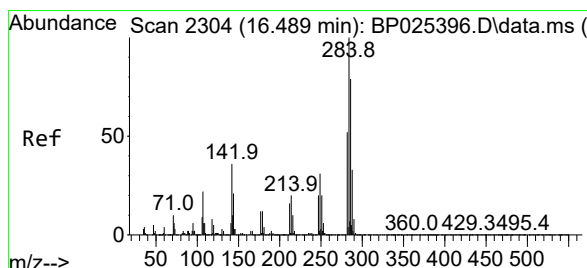
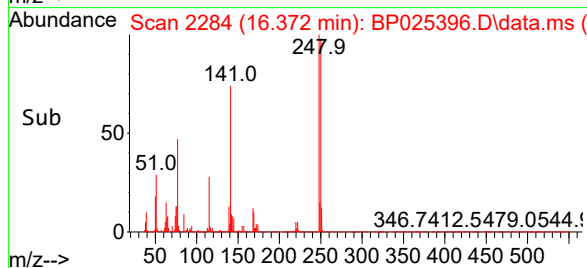
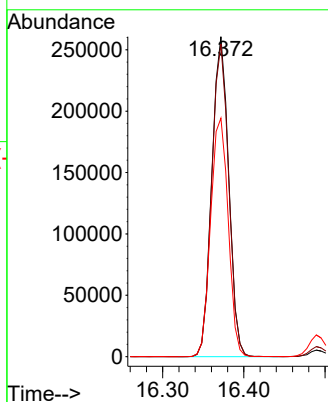
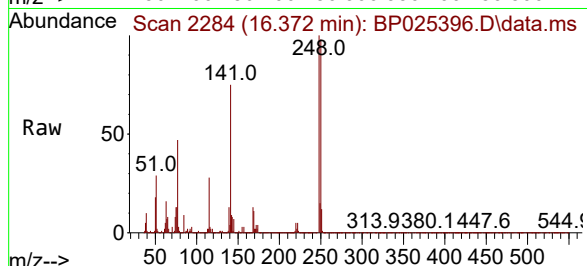
141 74.5 59.6 89.4

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#68

Hexachlorobenzene

Concen: 37.986 ng

RT: 16.489 min Scan# 2304

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

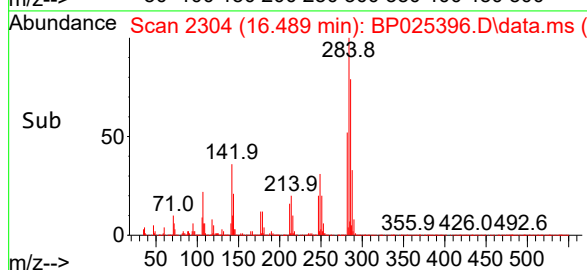
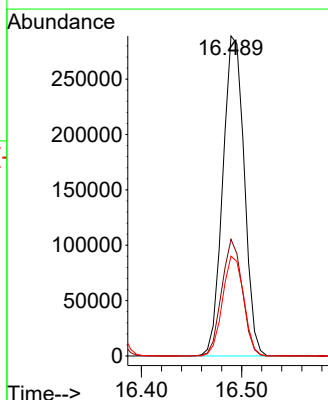
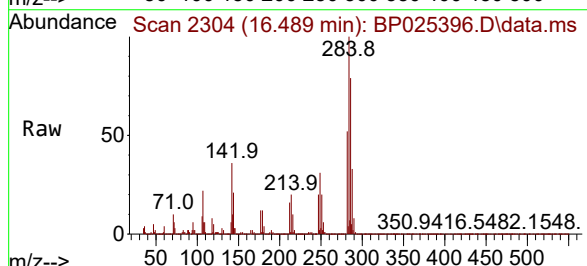
Tgt Ion:284 Resp: 428361

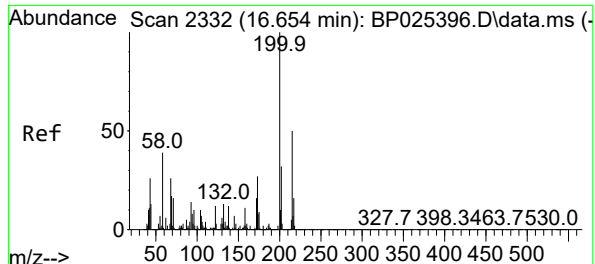
Ion Ratio Lower Upper

284 100

142 36.4 29.1 43.7

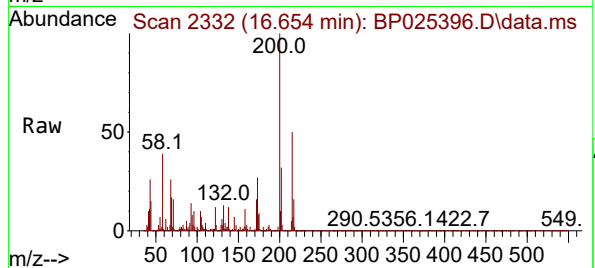
249 31.2 25.0 37.4





#69
Atrazine
Concen: 38.238 ng
RT: 16.654 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

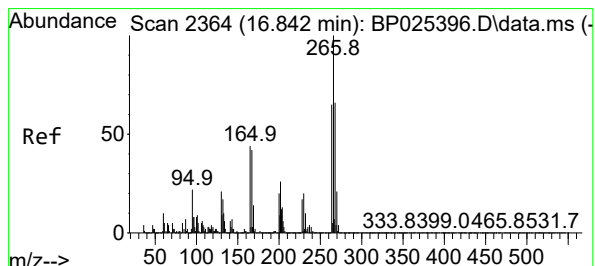
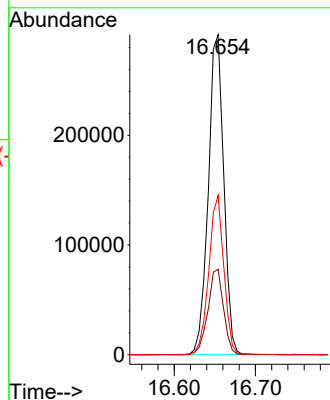
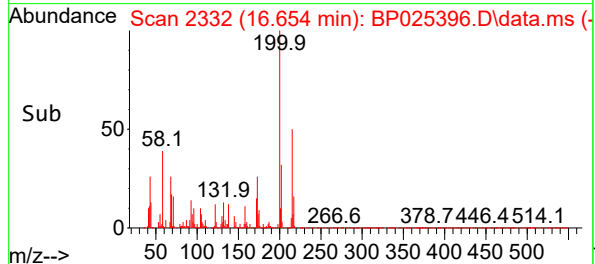
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:200 Resp: 386250
Ion Ratio Lower Upper
200 100
173 26.7 6.7 46.7
215 49.7 29.7 69.7

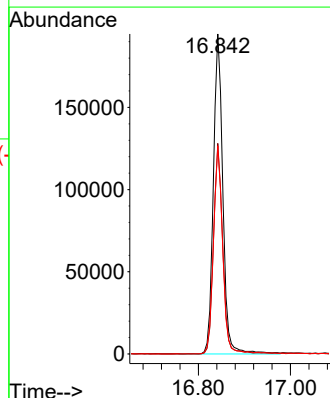
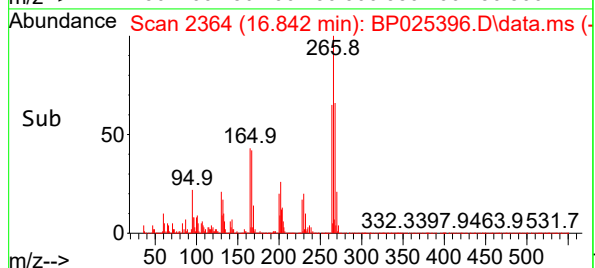
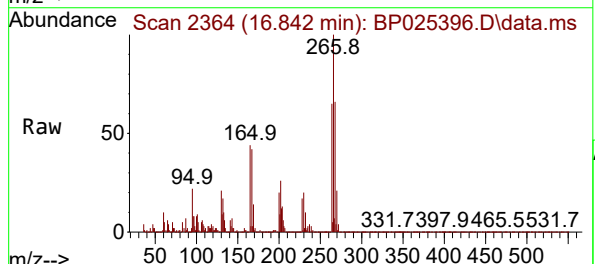
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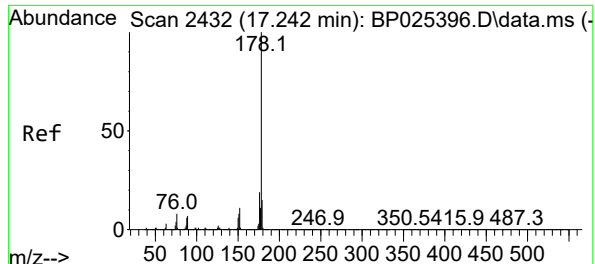
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#70
Pentachlorophenol
Concen: 39.110 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

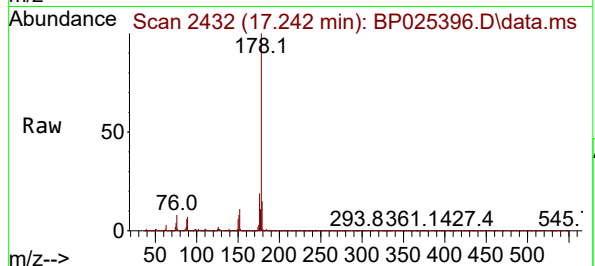
Tgt Ion:266 Resp: 278412
Ion Ratio Lower Upper
266 100
268 65.8 52.6 79.0
264 65.0 52.0 78.0





#71
Phenanthrene
Concen: 37.851 ng
RT: 17.242 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

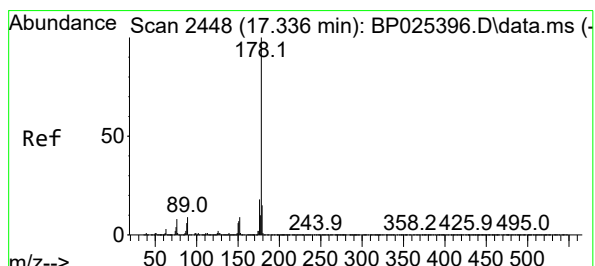
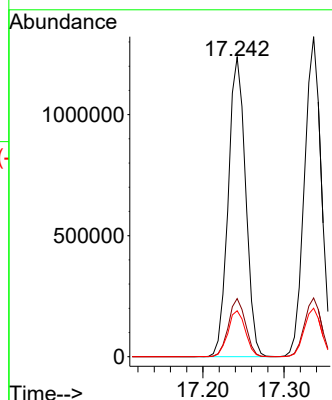
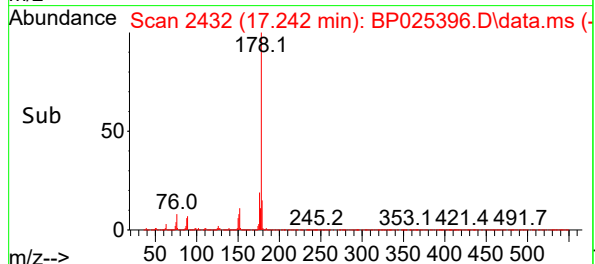
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 183919
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.3 12.2 18.4

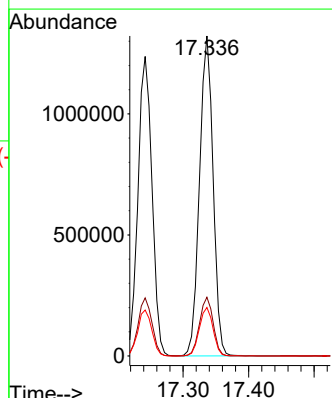
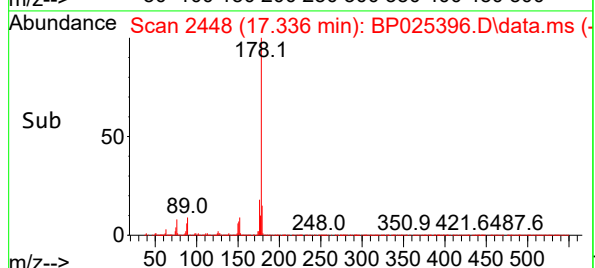
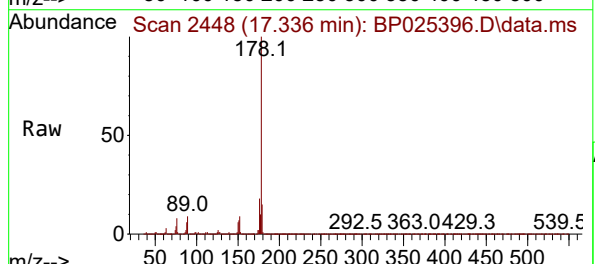
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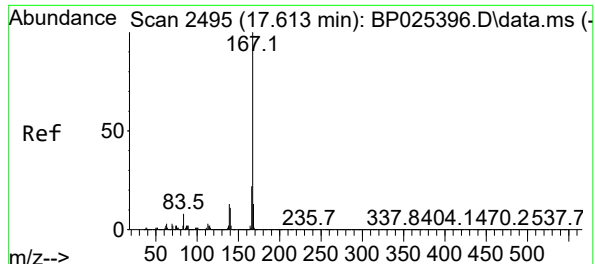
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 38.456 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

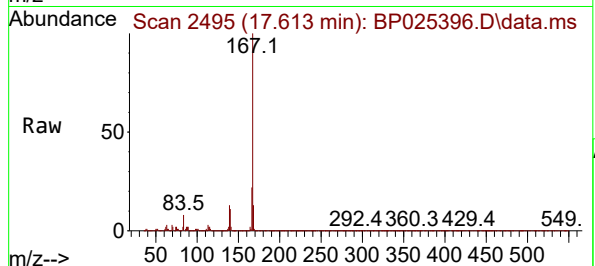
Tgt Ion:178 Resp: 1908189
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.2 12.2 18.2





#73
Carbazole
Concen: 38.125 ng
RT: 17.613 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

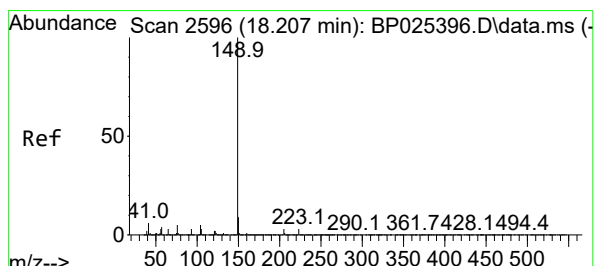
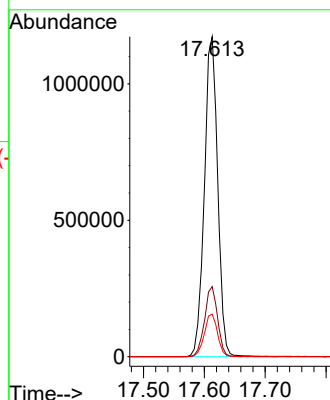
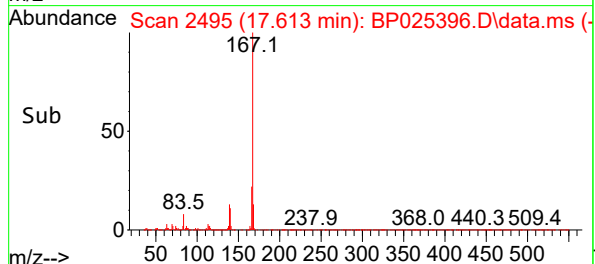
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:167 Resp: 1781890
Ion Ratio Lower Upper
167 100
166 21.9 17.5 26.3
139 13.3 10.6 16.0

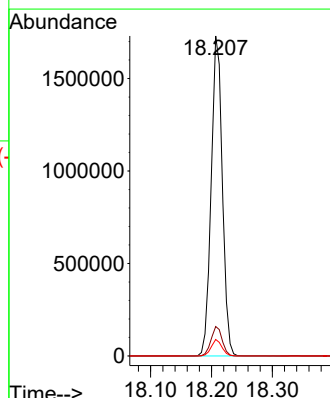
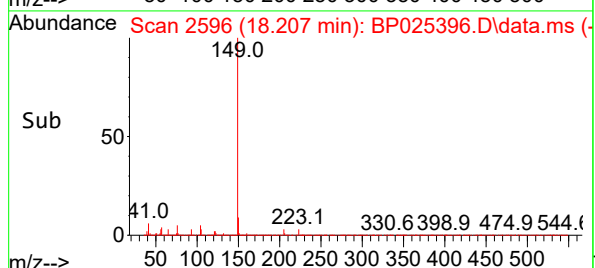
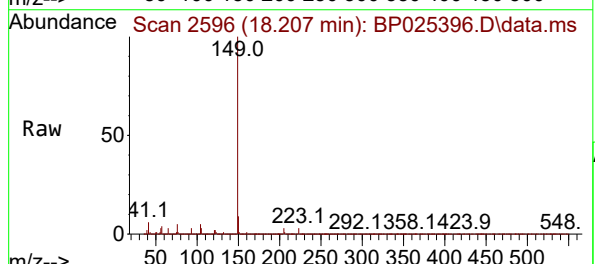
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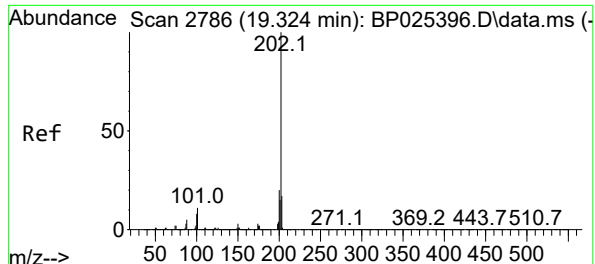
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#74
Di-n-butylphthalate
Concen: 38.277 ng
RT: 18.207 min Scan# 2596
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

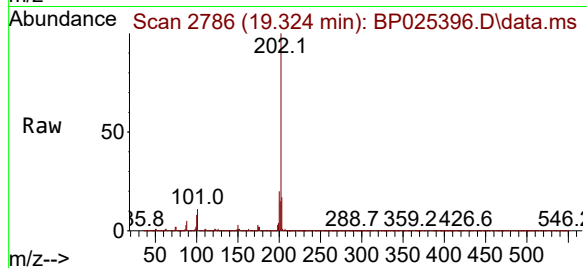
Tgt Ion:149 Resp: 2201043
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 37.488 ng
RT: 19.324 min Scan# 2786
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

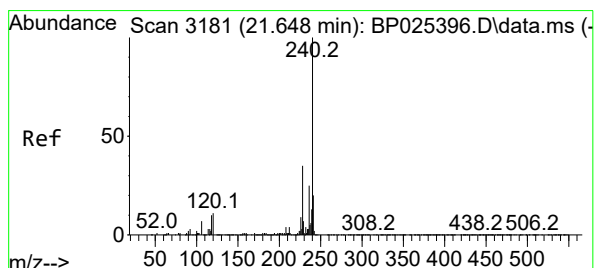
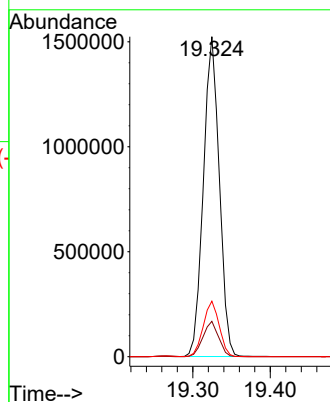
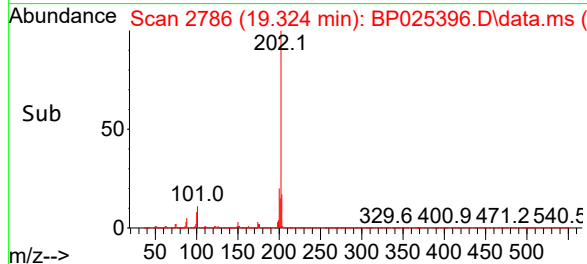
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 2172758
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.1
203 17.3 0.0 37.3

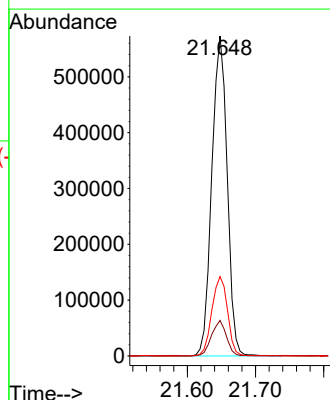
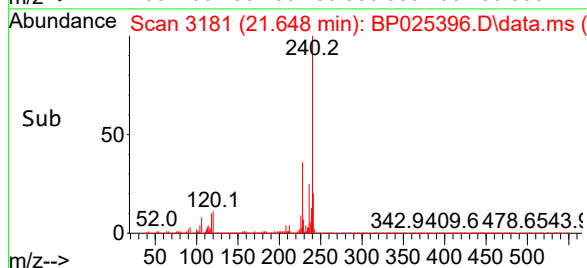
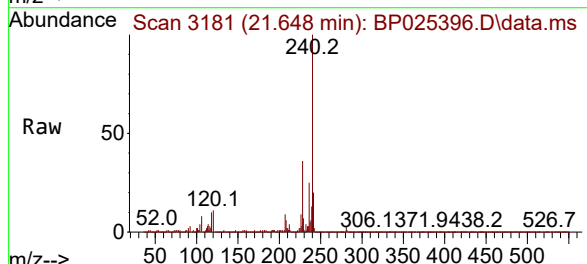
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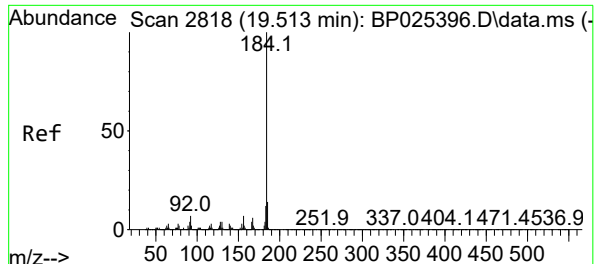
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

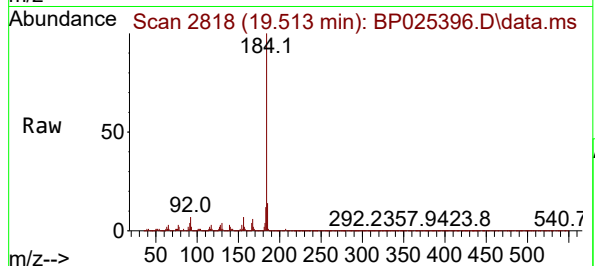
Tgt Ion:240 Resp: 899207
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 24.8 19.8 29.8





#77
Benzidine
Concen: 56.665 ng
RT: 19.513 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

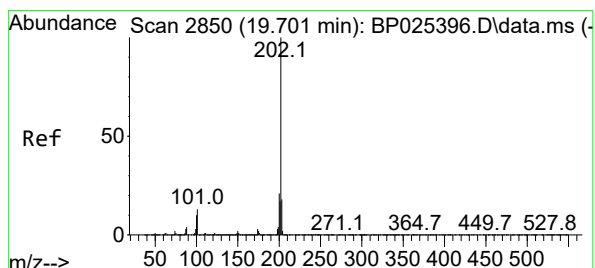
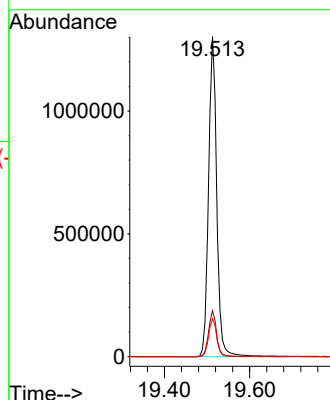
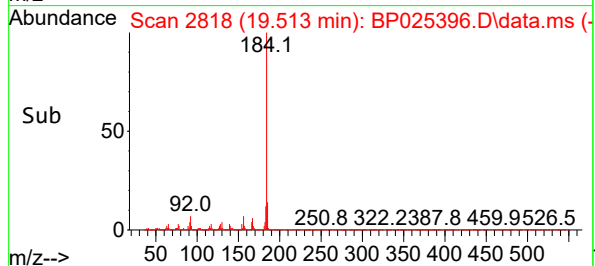
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 1738920
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.8 9.4 14.2

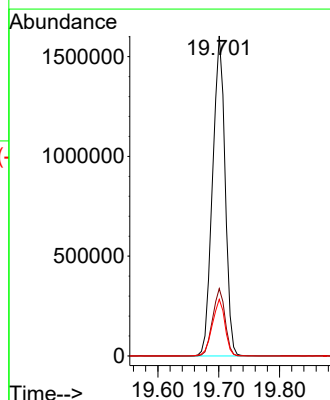
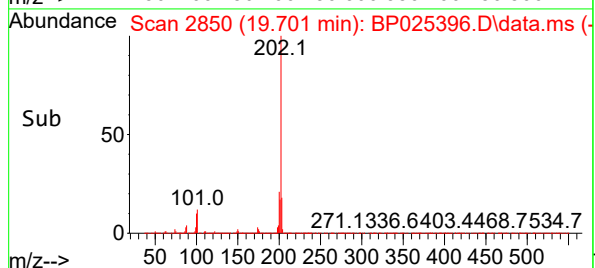
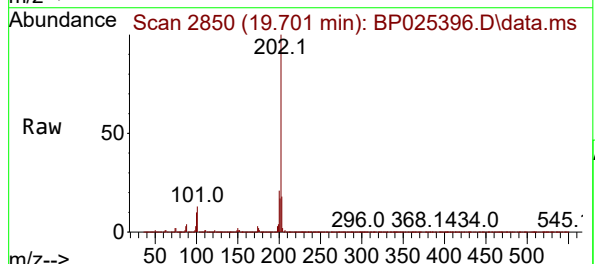
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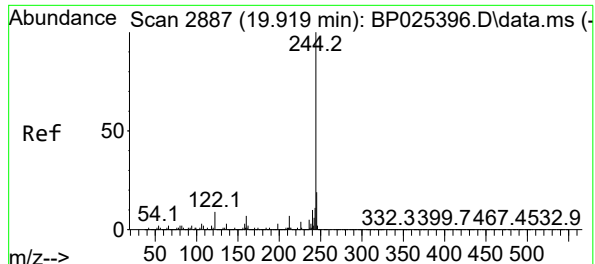
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 39.189 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

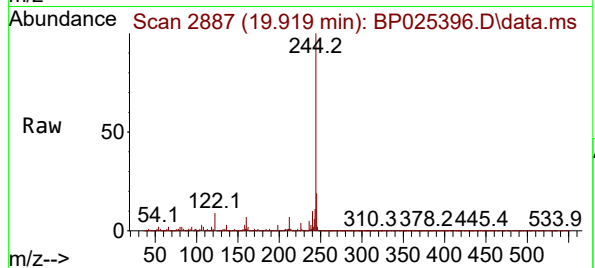
Tgt Ion:202 Resp: 2290461
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.7 14.2 21.2





#79
 Terphenyl-d14
 Concen: 76.508 ng
 RT: 19.919 min Scan# 2887
 Delta R.T. 0.000 min
 Lab File: BP025396.D
 Acq: 14 Aug 2025 15:19

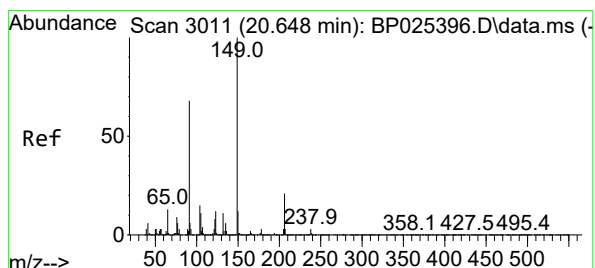
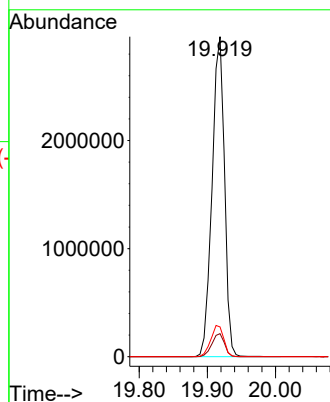
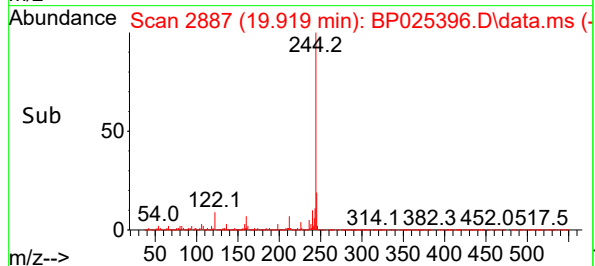
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC040



Tgt Ion:244 Resp: 3760230
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.3 7.4 11.2

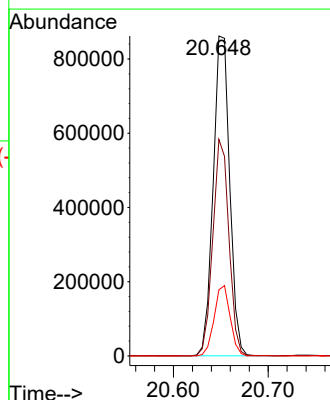
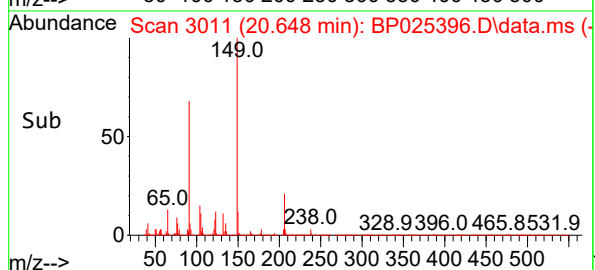
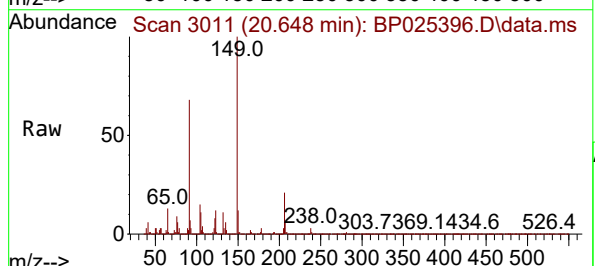
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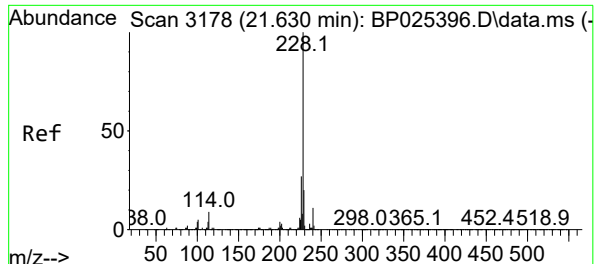
Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025



#80
 Butylbenzylphthalate
 Concen: 39.338 ng
 RT: 20.648 min Scan# 3011
 Delta R.T. 0.000 min
 Lab File: BP025396.D
 Acq: 14 Aug 2025 15:19

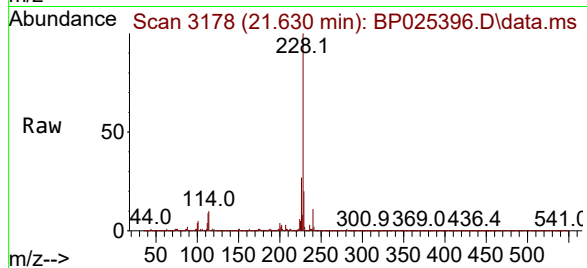
Tgt Ion:149 Resp: 1041998
 Ion Ratio Lower Upper
 149 100
 91 67.7 54.2 81.2
 206 20.7 16.6 24.8





#81
Benzo(a)anthracene
Concen: 38.460 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

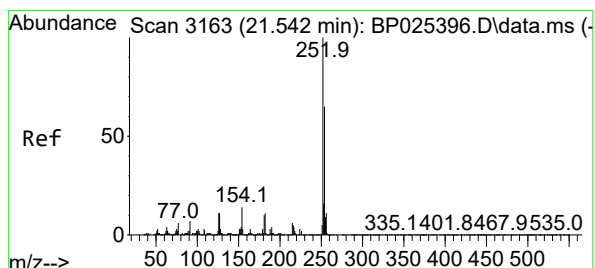
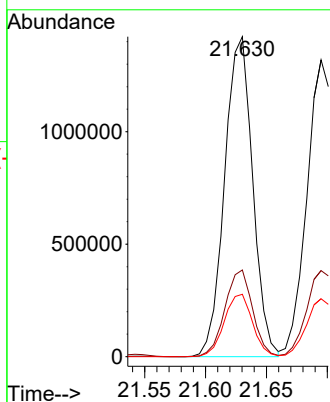
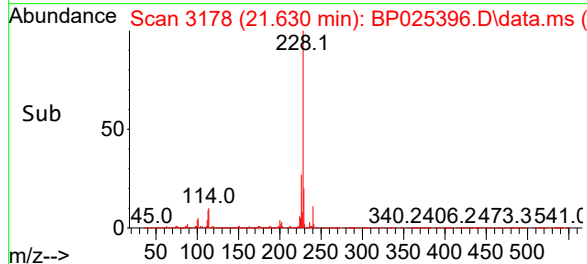
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 2280774
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.5 15.6 23.4

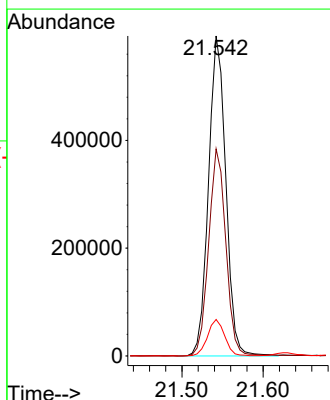
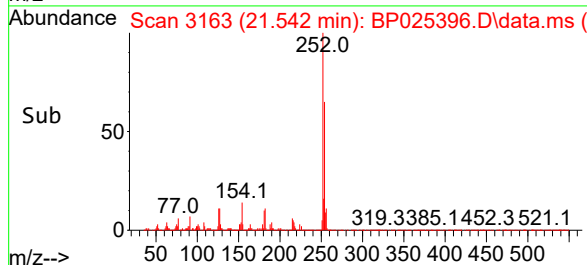
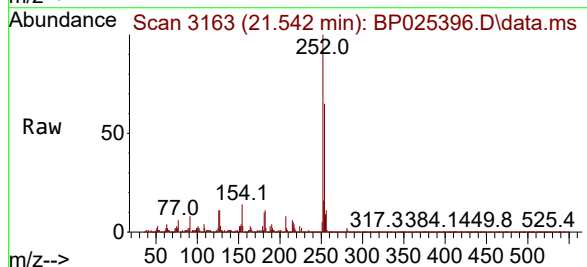
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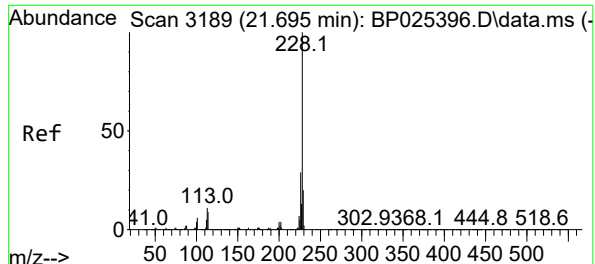
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#82
3,3'-Dichlorobenzidine
Concen: 39.266 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:252 Resp: 877708
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 11.4 9.1 13.7





#83

Chrysene

Concen: 38.278 ng

RT: 21.695 min Scan# 3189

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:228 Resp: 212586

Ion Ratio Lower Upper

228 100

226 29.0 23.2 34.8

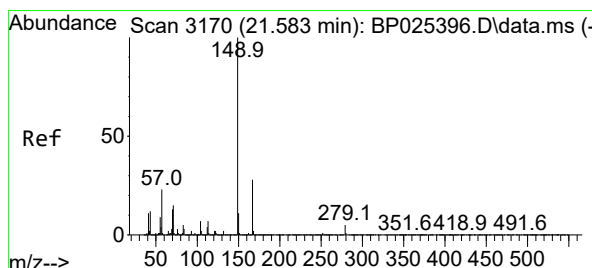
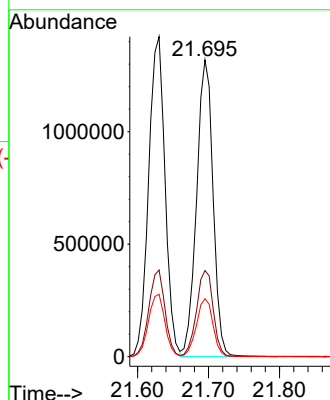
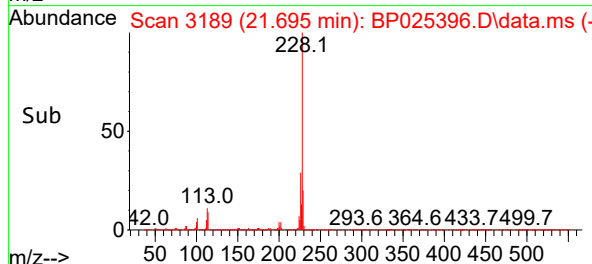
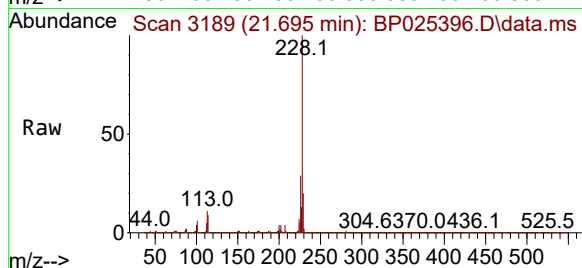
229 19.5 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.310 ng

RT: 21.583 min Scan# 3170

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

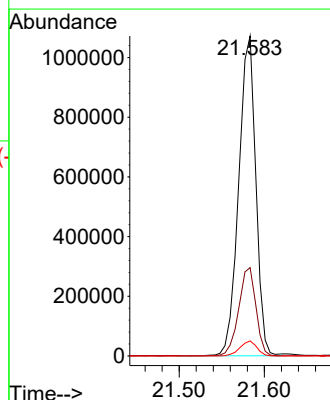
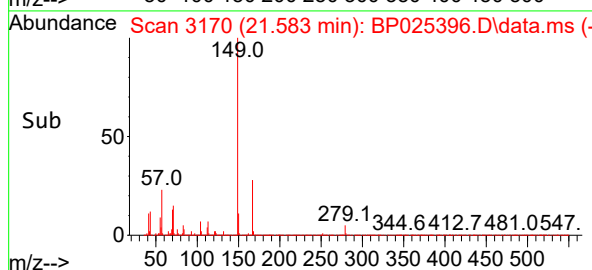
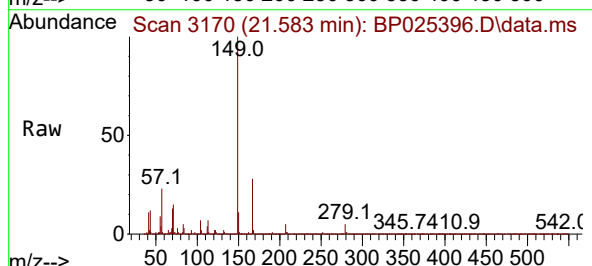
Tgt Ion:149 Resp: 1493804

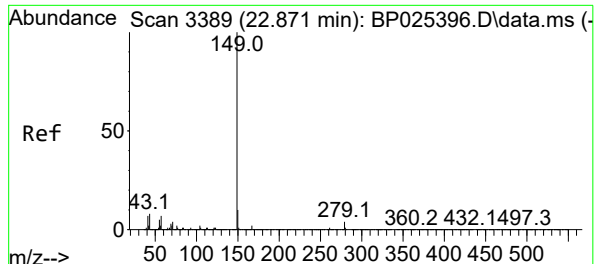
Ion Ratio Lower Upper

149 100

167 27.6 22.1 33.1

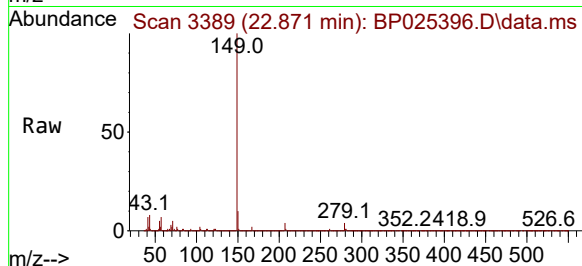
279 4.7 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 38.730 ng
RT: 22.871 min Scan# 3389
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

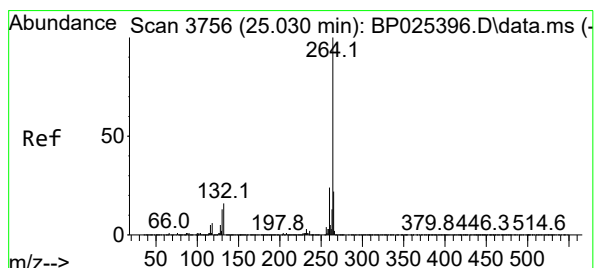
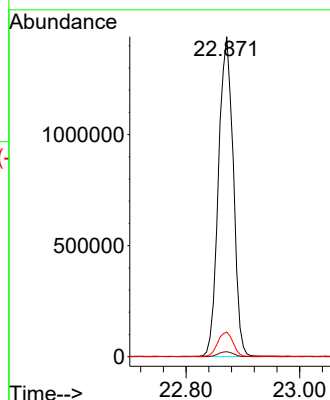
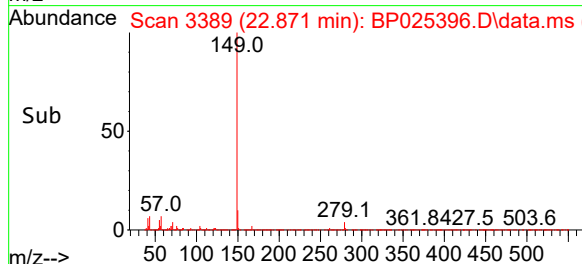
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 2597558
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.3 9.5

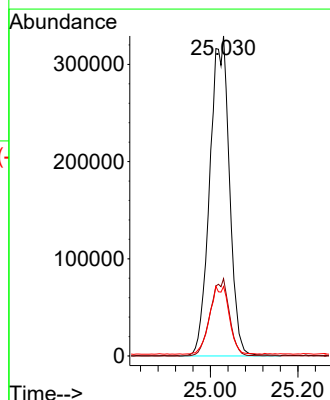
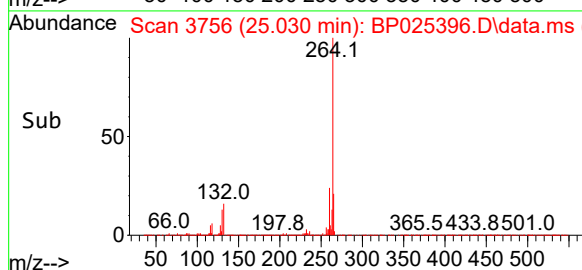
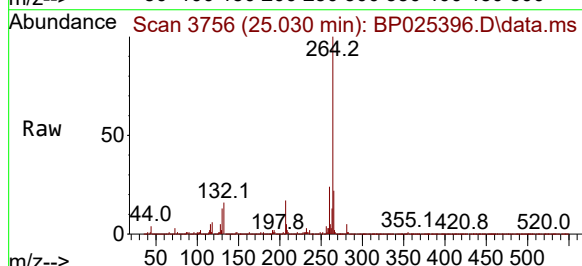
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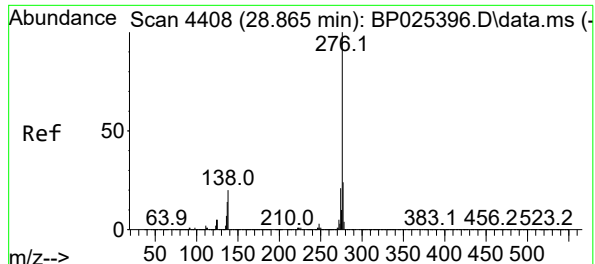
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 3756
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

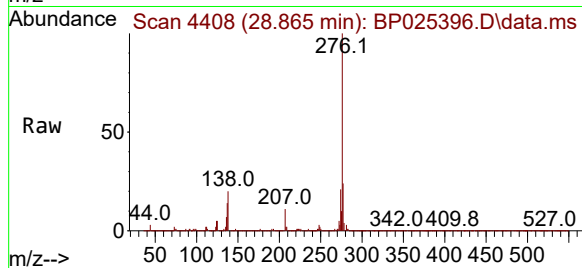
Tgt Ion:264 Resp: 1022138
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 21.7 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.470 ng m
RT: 28.865 min Scan# 4408
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

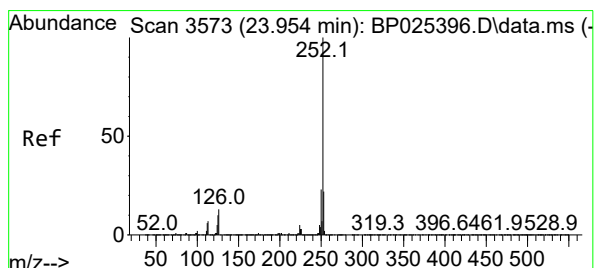
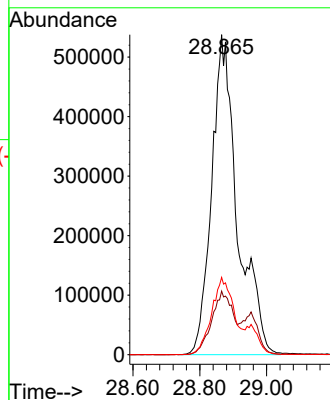
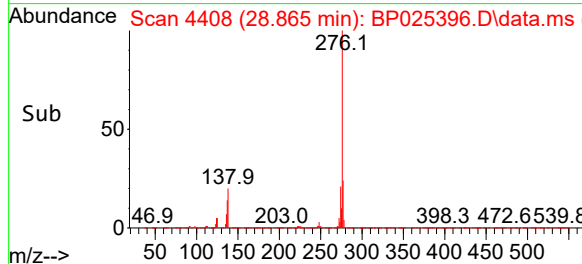
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 276 Resp: 288471
Ion Ratio Lower Upper
276 100
138 16.1 12.9 19.3
277 21.3 17.0 25.6

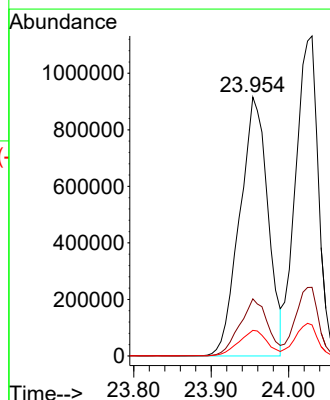
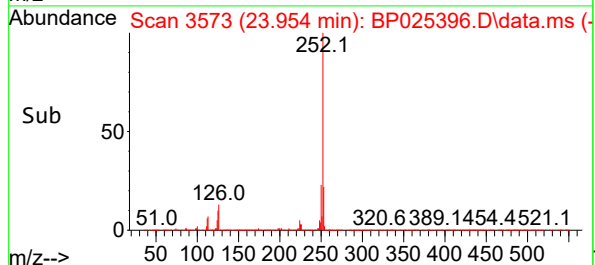
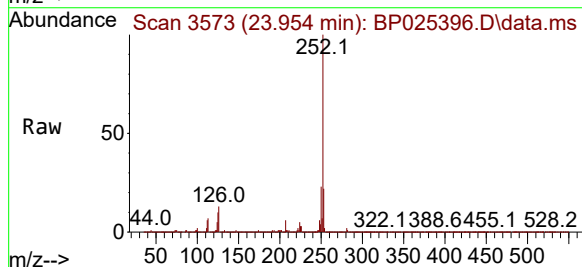
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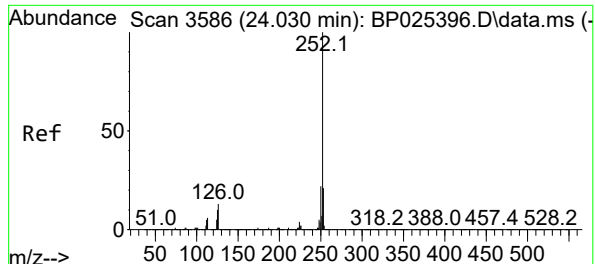
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#88
Benzo(b)fluoranthene
Concen: 38.462 ng
RT: 23.954 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 252 Resp: 2318198
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.9 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 38.285 ng

RT: 24.030 min Scan# 3586

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 230909

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

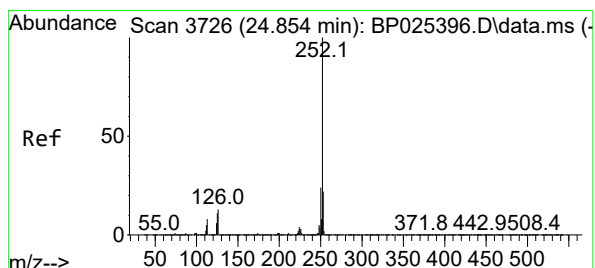
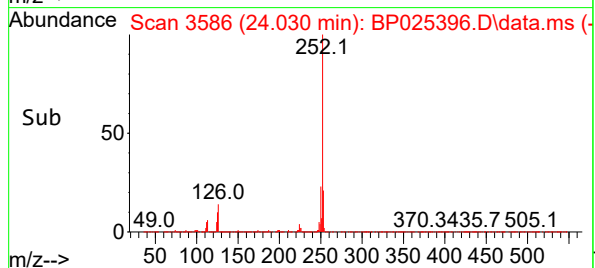
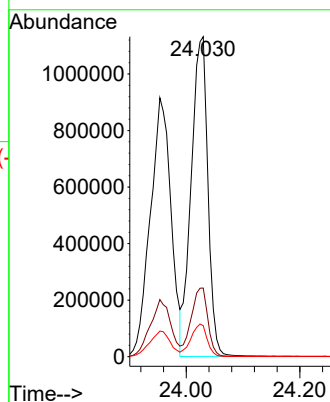
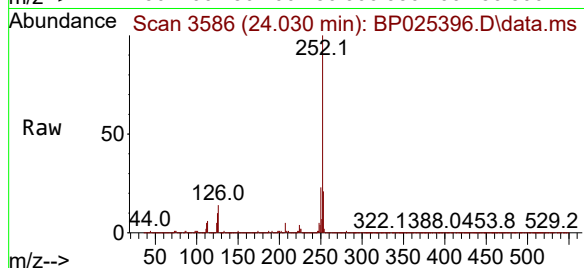
125 9.7 7.8 11.6

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 38.620 ng

RT: 24.854 min Scan# 3726

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

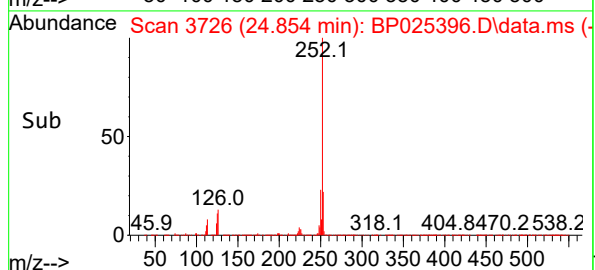
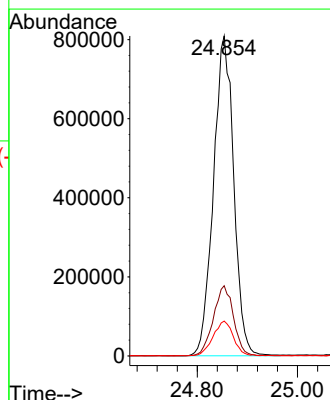
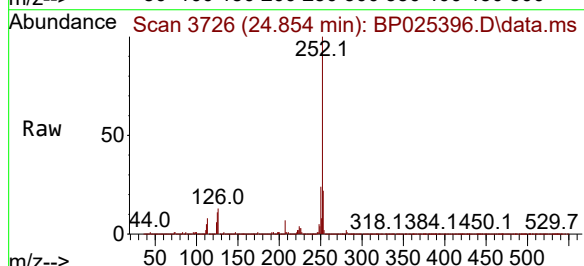
Tgt Ion:252 Resp: 2265862

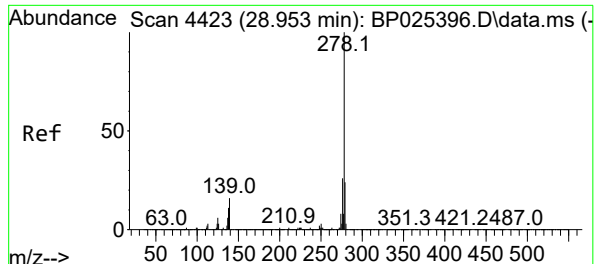
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

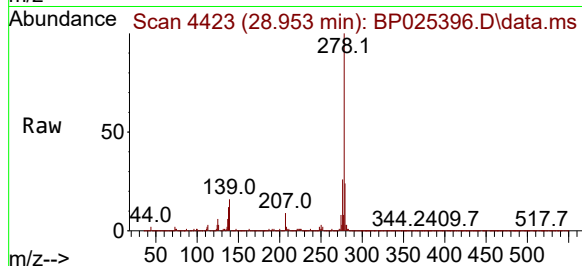
125 10.9 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 38.589 ng
RT: 28.953 min Scan# 4423
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

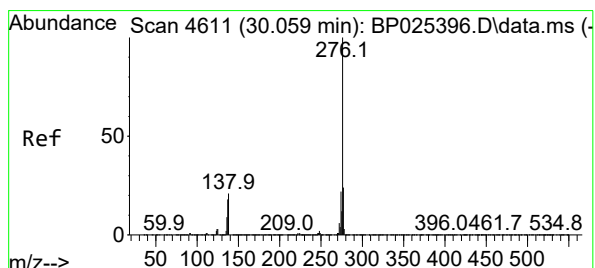
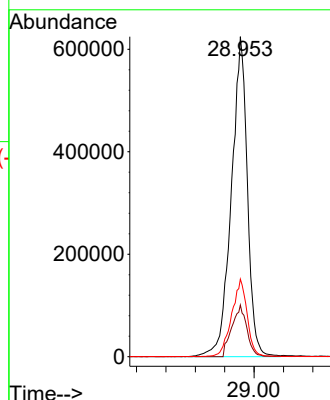
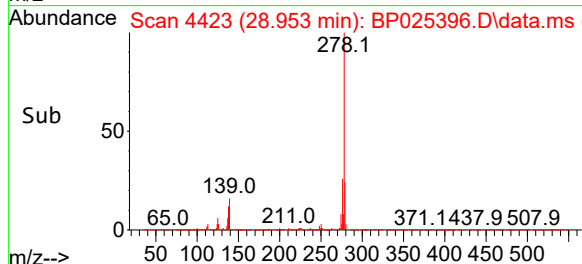
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 278 Resp: 2363840
Ion Ratio Lower Upper
278 100
139 16.2 13.0 19.4
279 24.3 19.4 29.2

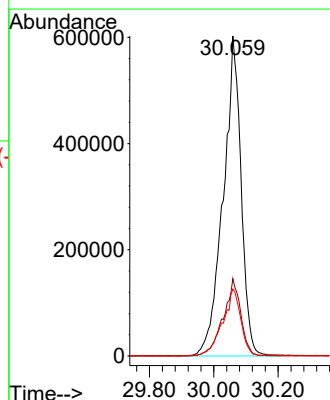
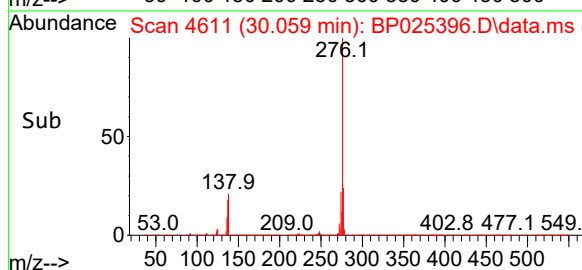
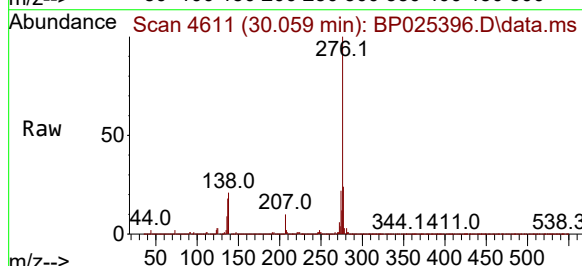
Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 38.654 ng
RT: 30.059 min Scan# 4611
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 276 Resp: 2327292
Ion Ratio Lower Upper
276 100
277 24.2 19.4 29.0
138 20.9 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025397.D
 Acq On : 14 Aug 2025 16:01
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:57:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	137945	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	573916	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	376731	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	753705	20.000	ng	0.00
76) Chrysene-d12	21.648	240	801742	20.000	ng	0.00
86) Perylene-d12	25.036	264	918939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	855256	102.963	ng	0.00
7) Phenol-d6	6.966	99	1131869	106.283	ng	0.00
23) Nitrobenzene-d5	8.937	82	1201601	105.910	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	539295	106.352	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2856639	103.632	ng	0.00
79) Terphenyl-d14	19.925	244	4409094	100.615	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	165184	50.769	ng	98
3) Pyridine	3.725	79	454022	50.983	ng	97
4) n-Nitrosodimethylamine	3.631	42	192837	52.524	ng	99
6) Aniline	7.125	93	756782	52.743	ng	100
8) 2-Chlorophenol	7.366	128	492570	52.550	ng	99
9) Benzaldehyde	6.943	77	435174	58.325	ng	97
10) Phenol	6.996	94	588764	52.687	ng	99
11) bis(2-Chloroethyl)ether	7.219	93	455697	52.320	ng	99
12) 1,3-Dichlorobenzene	7.684	146	536261	51.884	ng	99
13) 1,4-Dichlorobenzene	7.825	146	550541	52.113	ng	99
14) 1,2-Dichlorobenzene	8.143	146	528750	51.705	ng	99
15) Benzyl Alcohol	8.025	79	443889	52.458	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	603716	51.742	ng	99
17) 2-Methylphenol	8.225	107	412974	53.211	ng	98
18) Hexachloroethane	8.866	117	202672	52.178	ng	96
19) n-Nitroso-di-n-propyla...	8.590	70	363151	51.419	ng	98
20) 3+4-Methylphenols	8.549	107	565208	52.538	ng	99
22) Acetophenone	8.602	105	750308	52.131	ng	100
24) Nitrobenzene	8.978	77	537647	53.024	ng	98
25) Isophorone	9.502	82	1047736	52.182	ng	99
26) 2-Nitrophenol	9.678	139	282682	54.323	ng	98
27) 2,4-Dimethylphenol	9.737	122	481502	53.806	ng	97
28) bis(2-Chloroethoxy)met...	9.972	93	630027	51.909	ng	99
29) 2,4-Dichlorophenol	10.213	162	475406	53.478	ng	99
30) 1,2,4-Trichlorobenzene	10.431	180	507724	52.101	ng	99
31) Naphthalene	10.607	128	1560240	52.305	ng	100
32) Benzoic acid	9.884	122	357706	54.274	ng	96
33) 4-Chloroaniline	10.713	127	705562	53.548	ng	99
34) Hexachlorobutadiene	10.902	225	312163	51.436	ng	98
35) Caprolactam	11.502	113	172663	52.969	ng	94
36) 4-Chloro-3-methylphenol	11.843	107	534583	52.407	ng	100
37) 2-Methylnaphthalene	12.219	142	1003813	51.710	ng	99
38) 1-Methylnaphthalene	12.443	142	1076949	52.167	ng	99
40) 1,2,4,5-Tetrachloroben...	12.590	216	574152	52.769	ng	99
41) Hexachlorocyclopentadiene	12.572	237	364047	55.392	ng	98
43) 2,4,6-Trichlorophenol	12.831	196	396440	53.971	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025397.D
 Acq On : 14 Aug 2025 16:01
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:57:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

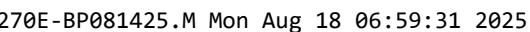
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	430061	53.421	ng	99
46) 1,1'-Biphenyl	13.231	154	1447968	52.922	ng	99
47) 2-Chloronaphthalene	13.272	162	1114922	52.344	ng	99
48) 2-Nitroaniline	13.472	65	338939	54.613	ng	98
49) Acenaphthylene	14.125	152	1875998	53.227	ng	100
50) Dimethylphthalate	13.860	163	1424127	51.622	ng	100
51) 2,6-Dinitrotoluene	13.966	165	312149	53.683	ng	97
52) Acenaphthene	14.472	154	1087721	52.577	ng	98
53) 3-Nitroaniline	14.301	138	362030	55.339	ng	99
54) 2,4-Dinitrophenol	14.507	184	175453	56.503	ng	98
55) Dibenzofuran	14.813	168	1705630	52.147	ng	99
56) 4-Nitrophenol	14.619	139	296227	55.103	ng	98
57) 2,4-Dinitrotoluene	14.766	165	450923	54.354	ng	97
58) Fluorene	15.466	166	1332448	51.627	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.043	232	378743	53.281	ng	99
60) Diethylphthalate	15.243	149	1450033	51.728	ng	99
61) 4-Chlorophenyl-phenyle...	15.466	204	650101	50.647	ng	99
62) 4-Nitroaniline	15.478	138	364030	54.278	ng	99
63) Azobenzene	15.760	77	1262576	52.602	ng	99
65) 4,6-Dinitro-2-methylph...	15.542	198	262126	55.792	ng	98
66) n-Nitrosodiphenylamine	15.678	169	1195077	51.997	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	433740	52.325	ng	99
68) Hexachlorobenzene	16.495	284	497906	51.816	ng	97
69) Atrazine	16.654	200	451704	52.479	ng	98
70) Pentachlorophenol	16.842	266	332839	54.872	ng	97
71) Phenanthrene	17.248	178	2139431	51.673	ng	100
72) Anthracene	17.337	178	2214911	52.385	ng	100
73) Carbazole	17.613	167	2093175	52.559	ng	99
74) Di-n-butylphthalate	18.213	149	2589522	52.849	ng	99
75) Fluoranthene	19.325	202	2563702	51.910	ng	99
77) Benzidine	19.513	184	1330198	48.615	ng	99
78) Pyrene	19.701	202	2644850	50.754	ng	100
80) Butylbenzylphthalate	20.660	149	1231376	52.139	ng	98
81) Benzo(a)anthracene	21.630	228	2723006	51.499	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	1043476	52.357	ng	99
83) Chrysene	21.701	228	2565856	51.817	ng	99
84) Bis(2-ethylhexyl)phtha...	21.577	149	1805478	51.933	ng	100
85) Di-n-octyl phthalate	22.877	149	3150824	52.690	ng	100
87) Indeno(1,2,3-cd)pyrene	28.859	276	3604179m	53.463	ng	
88) Benzo(b)fluoranthene	23.960	252	2870971	52.982	ng	100
89) Benzo(k)fluoranthene	24.042	252	2817276	51.956	ng	99
90) Benzo(a)pyrene	24.877	252	2800880	53.100	ng	99
91) Dibenzo(a,h)anthracene	28.965	278	2962622	53.795	ng	98
92) Benzo(g,h,i)perylene	30.053	276	2866689m	52.960	ng	

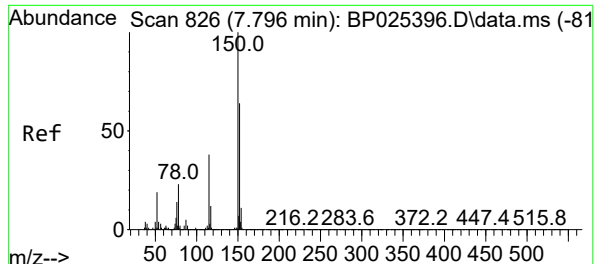
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

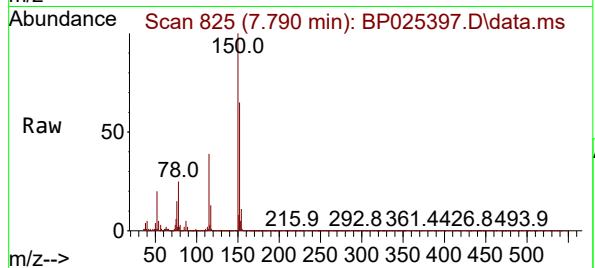
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jaagrut Upadhyay 08/15/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

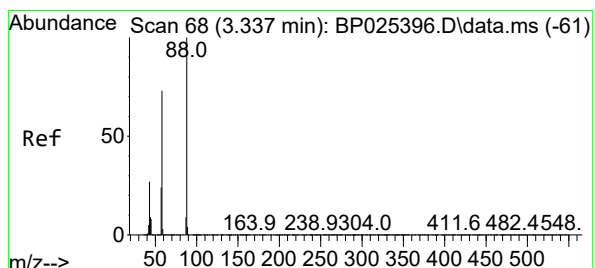
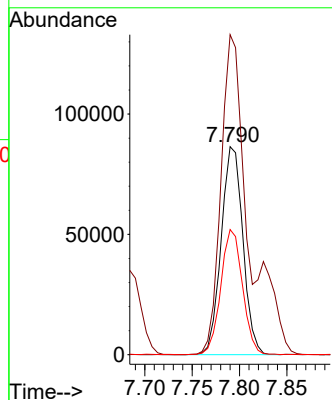
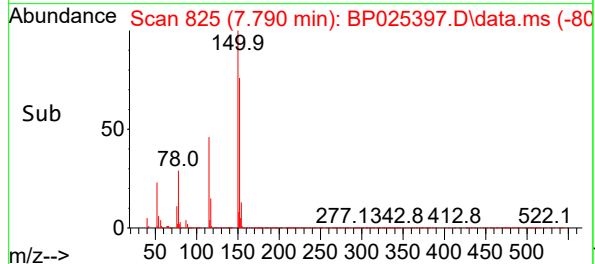
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 152 Resp: 13794
Ion Ratio Lower Upper
152 100
150 153.9 125.9 188.9
115 60.2 48.5 72.7

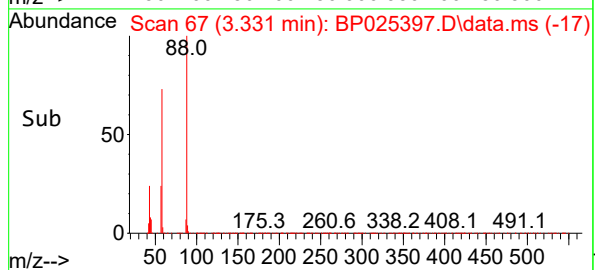
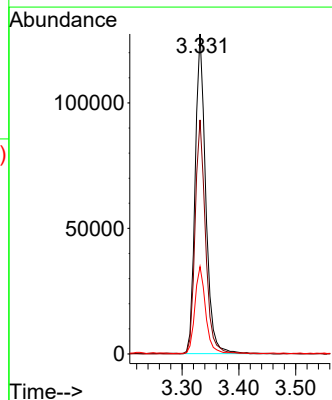
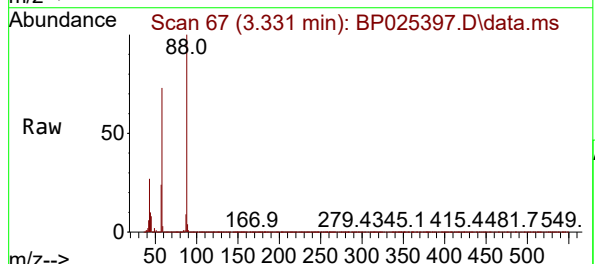
Manual Integrations
APPROVED

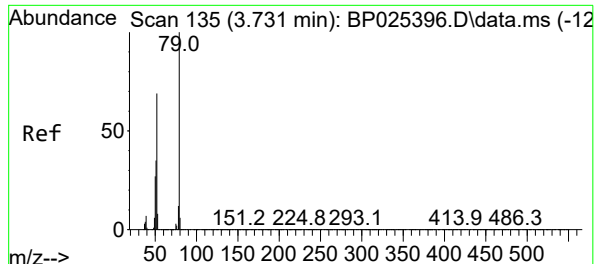
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 50.769 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

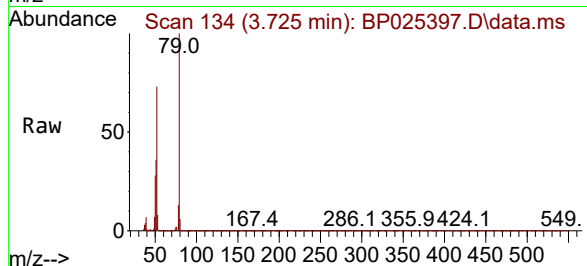
Tgt Ion: 88 Resp: 165184
Ion Ratio Lower Upper
88 100
58 72.6 59.2 88.8
43 27.8 21.7 32.5





#3
Pyridine
Concen: 50.983 ng
RT: 3.725 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

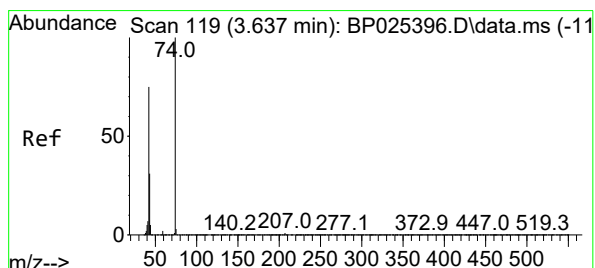
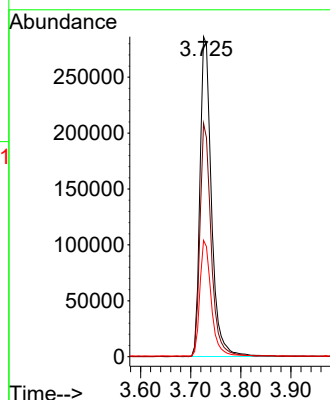
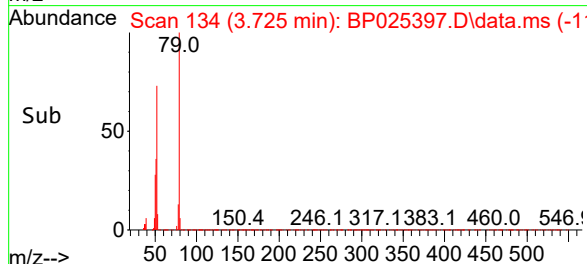
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 45402
Ion Ratio Lower Upper
79 100
52 72.9 55.5 83.3
51 36.3 28.3 42.5

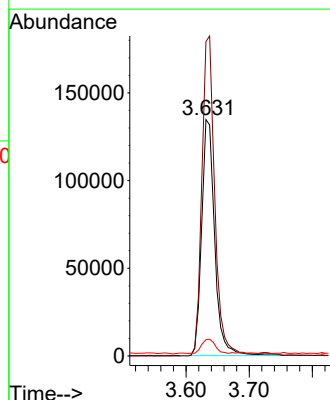
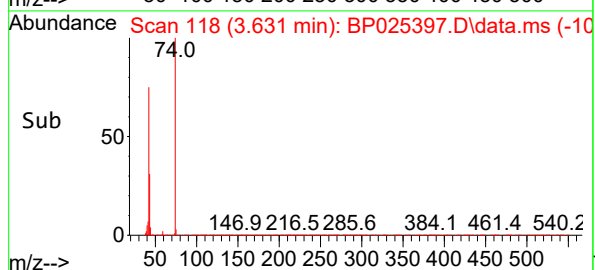
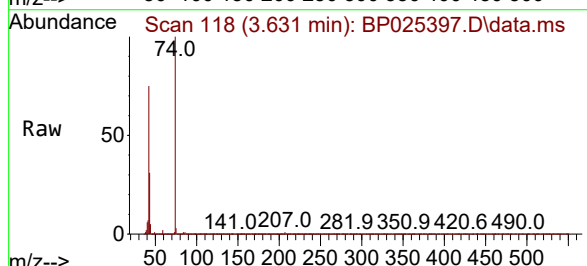
Manual Integrations
APPROVED

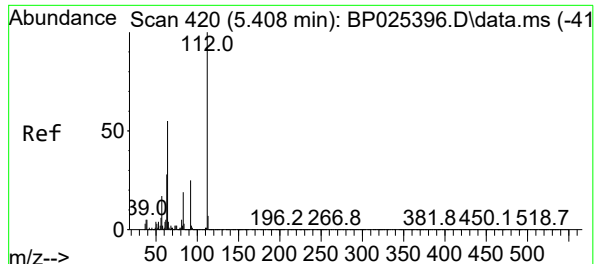
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#4
n-Nitrosodimethylamine
Concen: 52.524 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

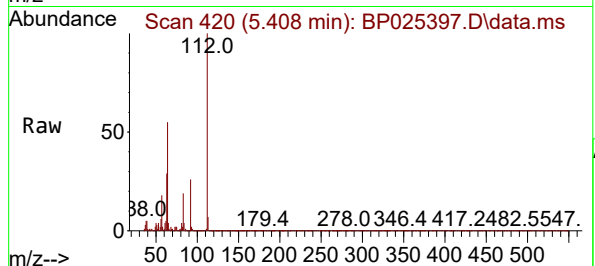
Tgt Ion: 42 Resp: 192837
Ion Ratio Lower Upper
42 100
74 133.0 107.0 160.4
44 6.9 6.2 9.4





#5
2-Fluorophenol
Concen: 102.963 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

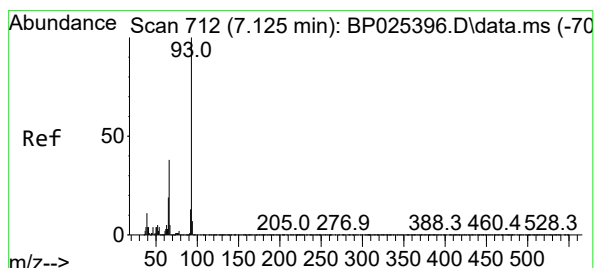
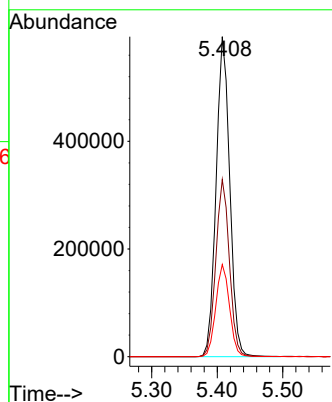
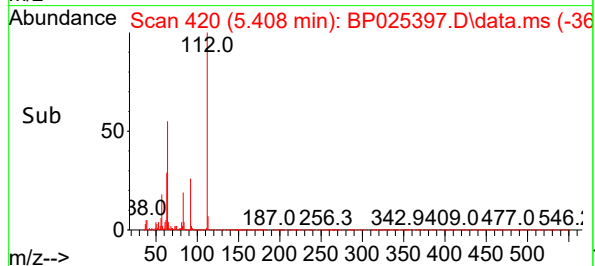
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 112 Resp: 855250
Ion Ratio Lower Upper
112 100
64 55.4 43.8 65.8
63 28.8 22.7 34.1

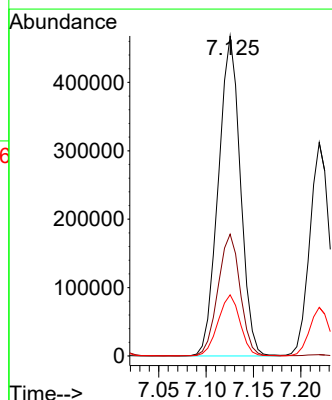
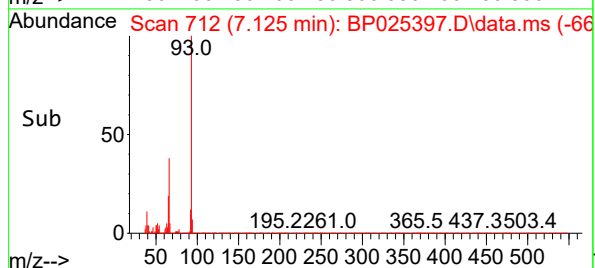
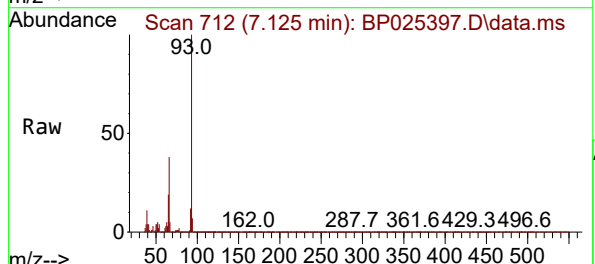
Manual Integrations
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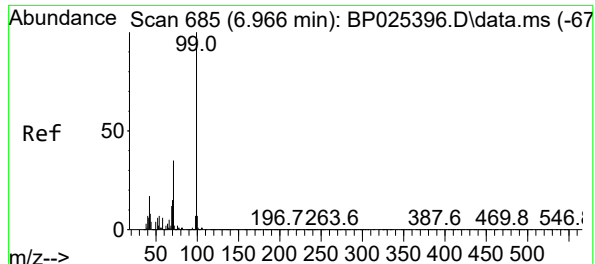
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#6
Aniline
Concen: 52.743 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

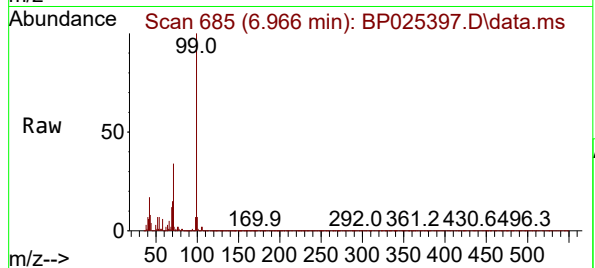
Tgt Ion: 93 Resp: 756782
Ion Ratio Lower Upper
93 100
66 38.0 30.4 45.6
65 19.1 15.3 22.9





#7
Phenol-d6
Concen: 106.283 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

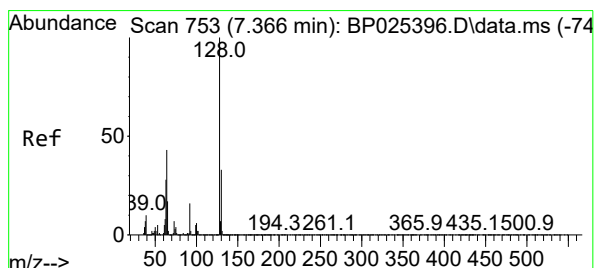
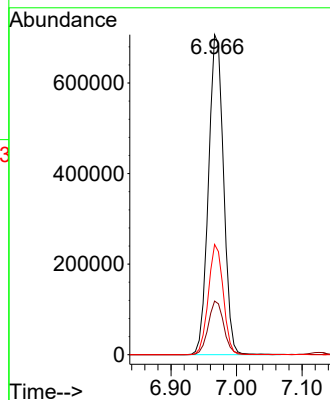
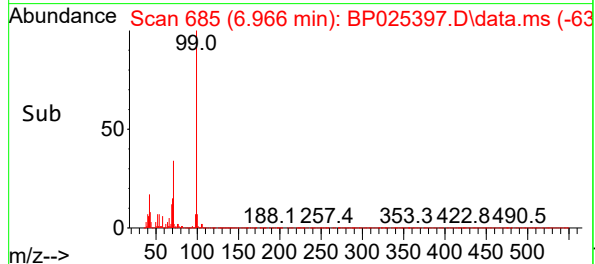
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 99 Resp: 1131869
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 34.4 28.2 42.4

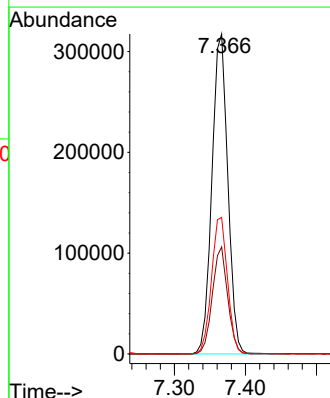
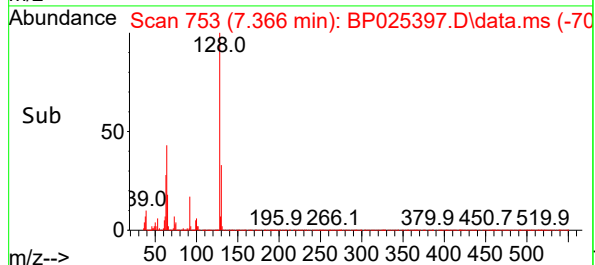
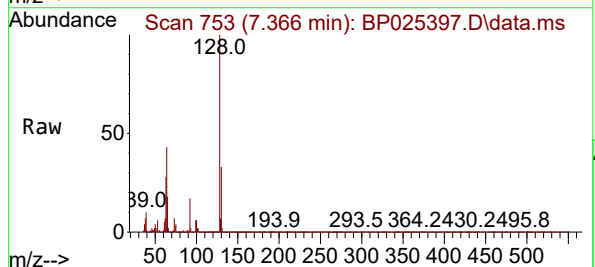
Manual Integrations
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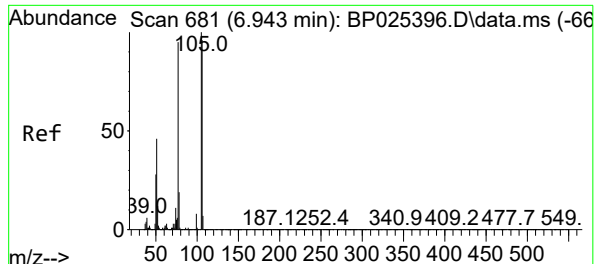
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#8
2-Chlorophenol
Concen: 52.550 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

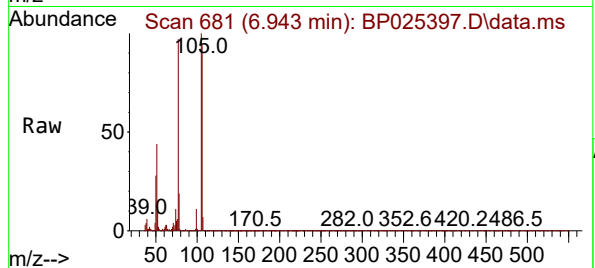
Tgt Ion:128 Resp: 492570
Ion Ratio Lower Upper
128 100
130 33.4 12.6 52.6
64 42.7 23.4 63.4





#9
Benzaldehyde
Concen: 58.325 ng
RT: 6.943 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

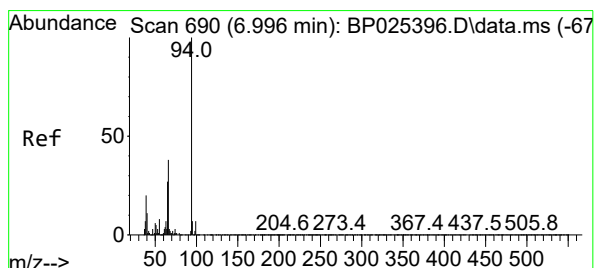
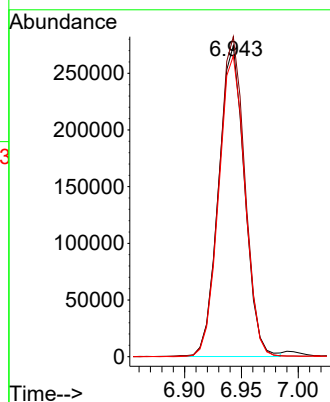
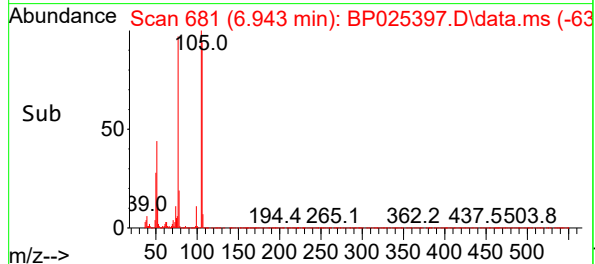
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 435174
Ion Ratio Lower Upper
77 100
105 102.9 84.8 124.8
106 96.7 80.5 120.5

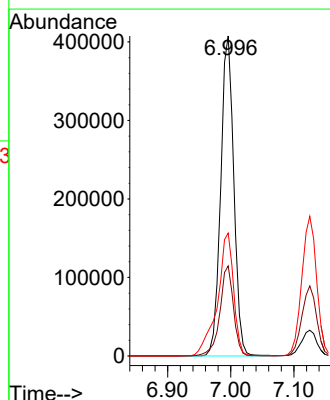
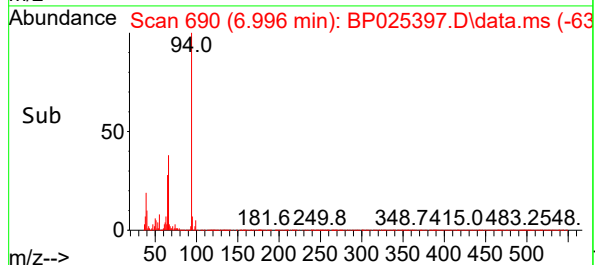
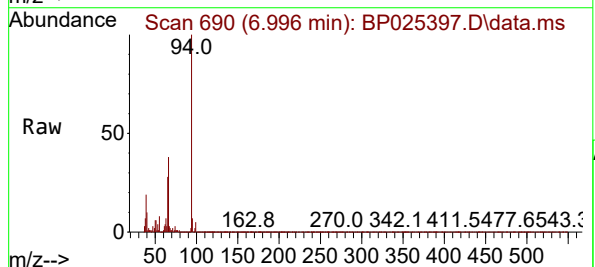
Manual Integrations
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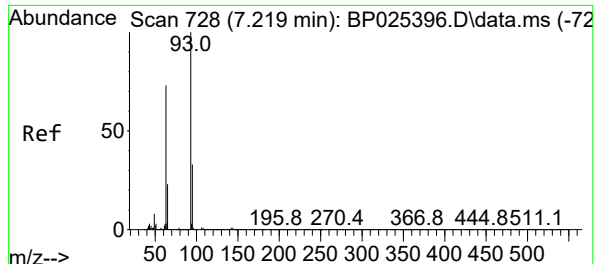
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 52.687 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 94 Resp: 588764
Ion Ratio Lower Upper
94 100
65 28.1 6.8 46.8
66 38.4 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 52.320 ng

RT: 7.219 min Scan# 728

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 45569

Ion Ratio Lower Upper

93 100

63 73.4 52.6 92.6

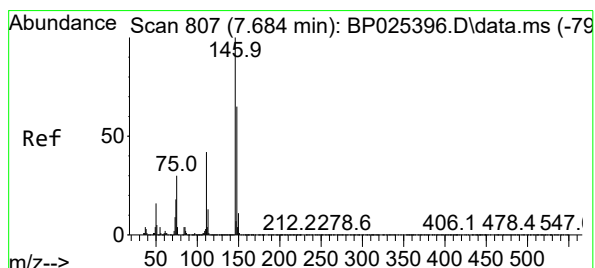
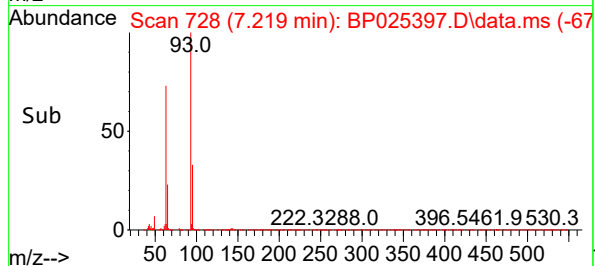
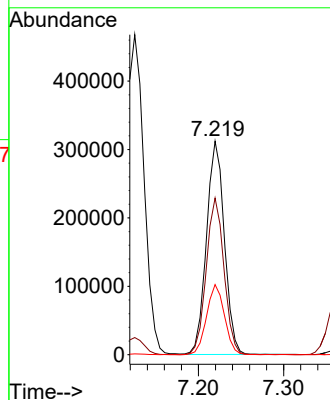
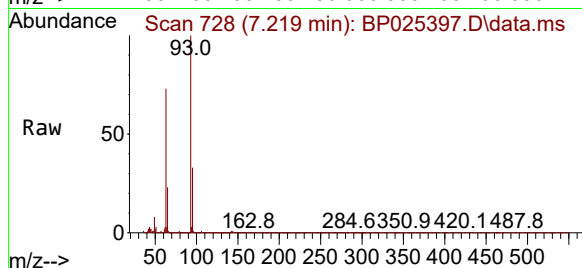
95 32.9 12.7 52.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#12

1,3-Dichlorobenzene

Concen: 51.884 ng

RT: 7.684 min Scan# 807

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

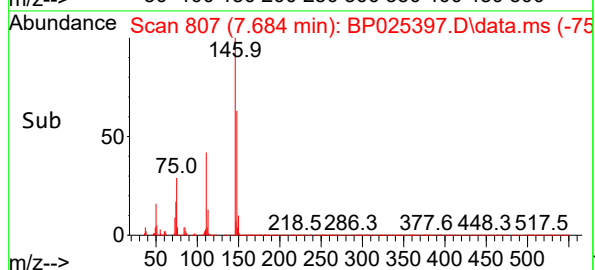
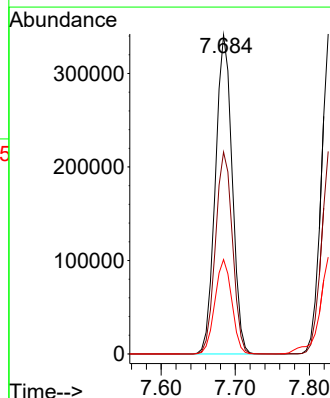
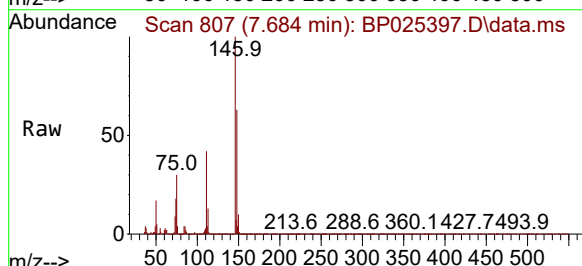
Tgt Ion:146 Resp: 536261

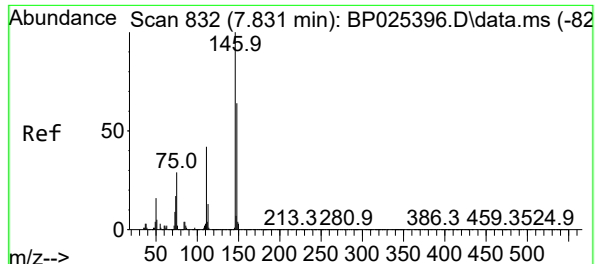
Ion Ratio Lower Upper

146 100

148 63.3 51.9 77.9

75 29.6 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 52.113 ng

RT: 7.825 min Scan# 831

Delta R.T. -0.006 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 55054

Ion Ratio Lower Upper

146 100

148 63.3 51.6 77.4

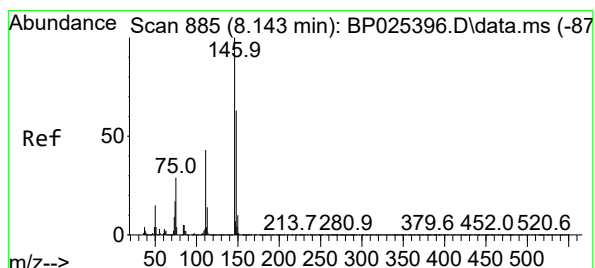
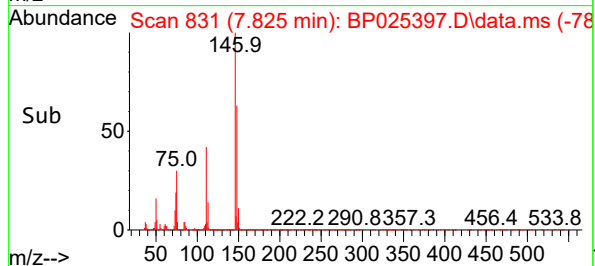
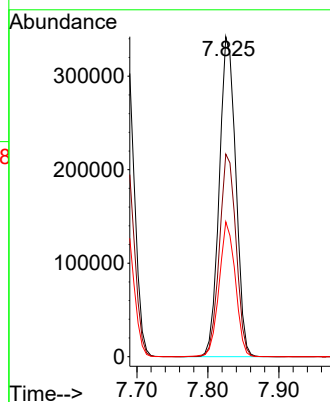
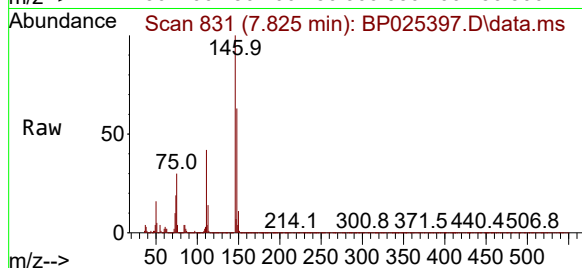
111 42.2 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 51.705 ng

RT: 8.143 min Scan# 885

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

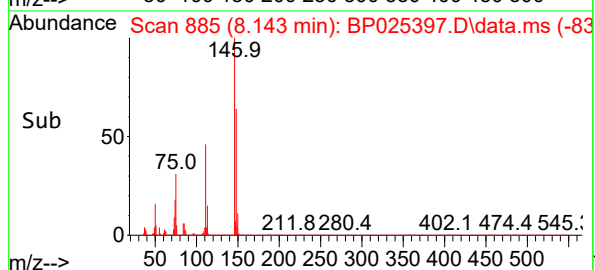
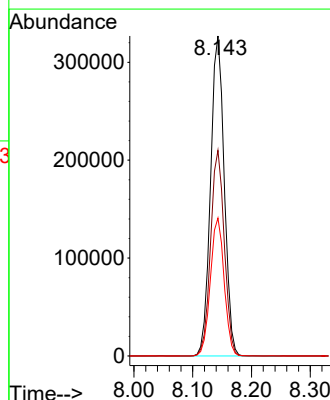
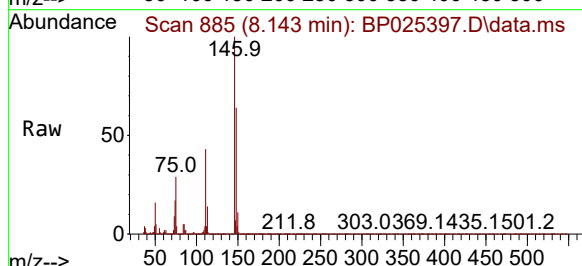
Tgt Ion:146 Resp: 528750

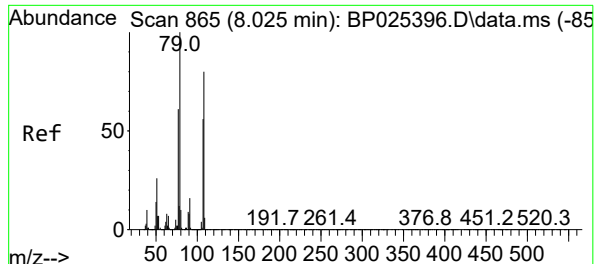
Ion Ratio Lower Upper

146 100

148 64.3 50.4 75.6

111 43.1 34.5 51.7





#15

Benzyl Alcohol

Concen: 52.458 ng

RT: 8.025 min Scan# 80

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 443889

Ion Ratio Lower Upper

79 100

108 77.9 63.8 95.6

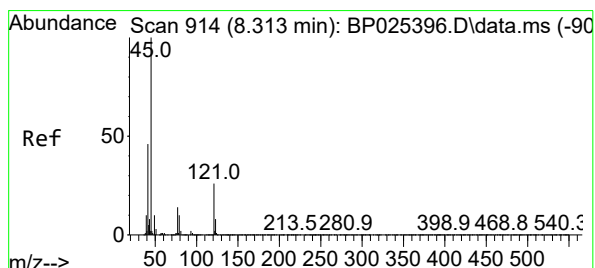
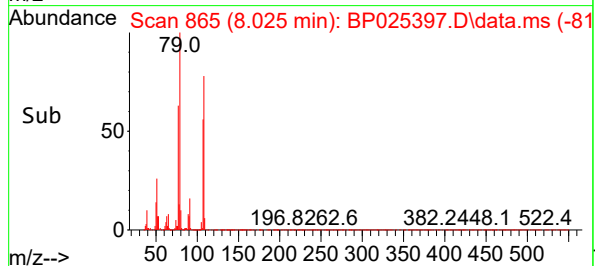
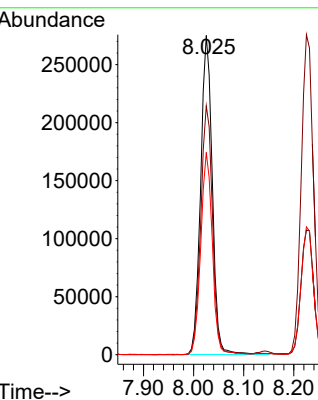
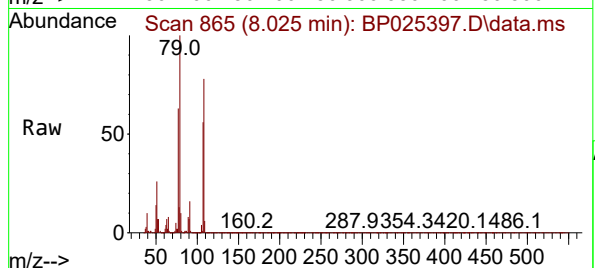
77 63.4 49.0 73.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.742 ng

RT: 8.319 min Scan# 915

Delta R.T. 0.006 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

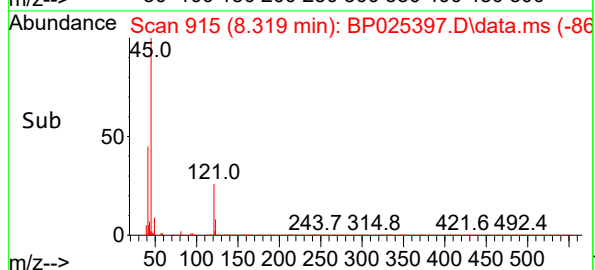
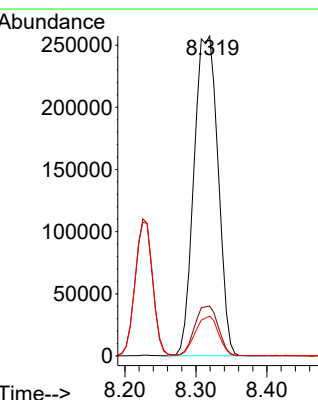
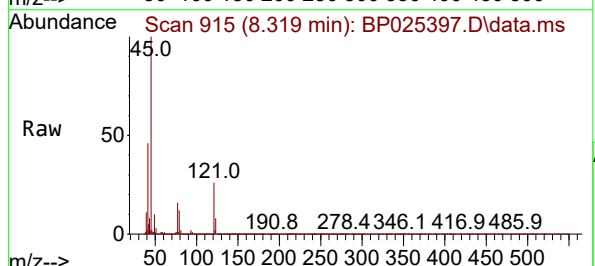
Tgt Ion: 45 Resp: 603716

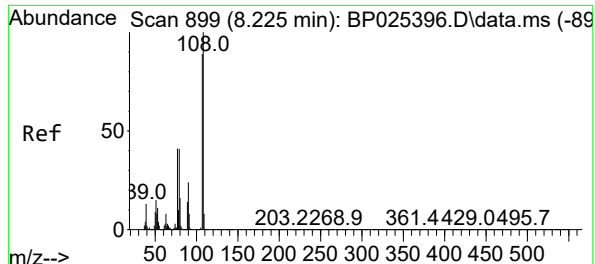
Ion Ratio Lower Upper

45 100

77 15.6 0.0 35.3

79 12.4 0.0 31.8





#17

2-Methylphenol

Concen: 53.211 ng

RT: 8.225 min Scan# 899

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 412974

Ion Ratio Lower Upper

107 100

108 113.8 89.4 134.0

77 45.5 36.3 54.5

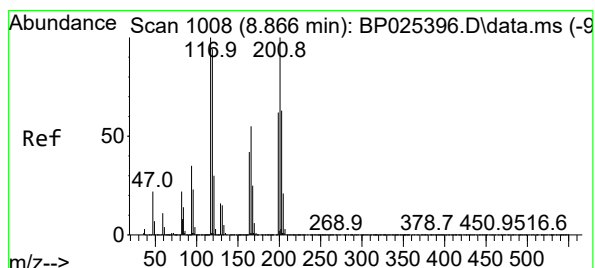
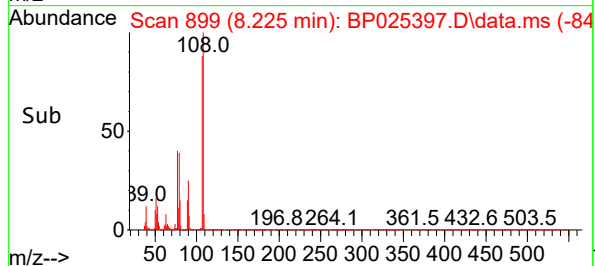
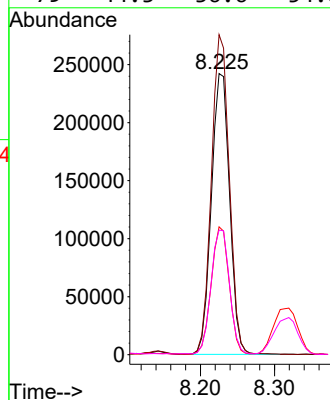
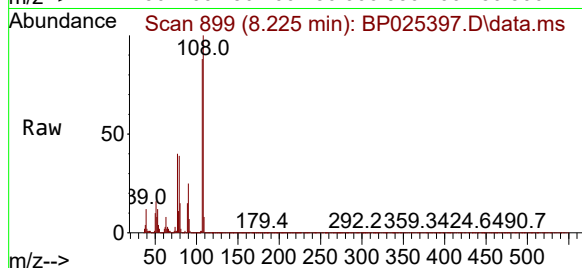
79 44.3 36.6 54.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#18

Hexachloroethane

Concen: 52.178 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

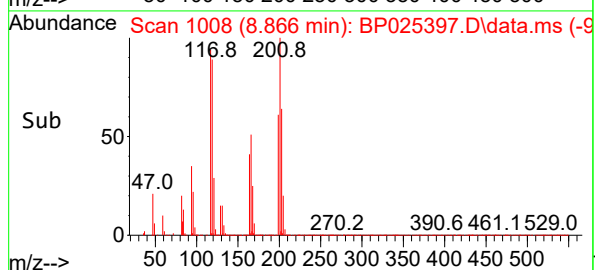
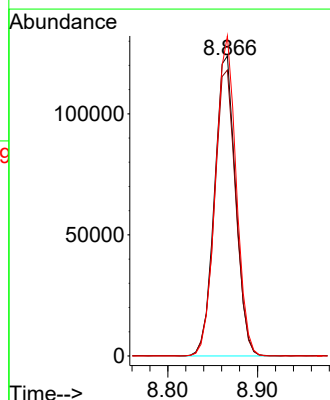
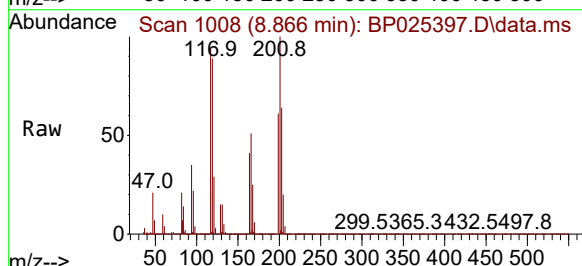
Tgt Ion:117 Resp: 202672

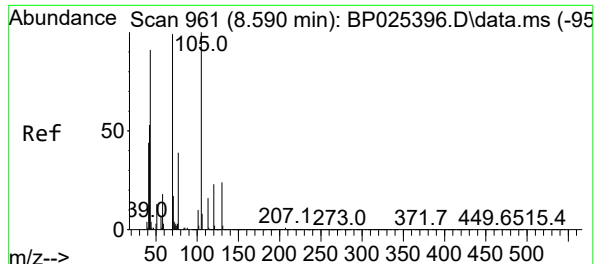
Ion Ratio Lower Upper

117 100

119 95.4 75.1 112.7

201 106.7 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 51.419 ng

RT: 8.590 min Scan# 961

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 36315

Ion Ratio Lower Upper

70 100

42 56.4 43.8 65.6

101 10.6 8.5 12.7

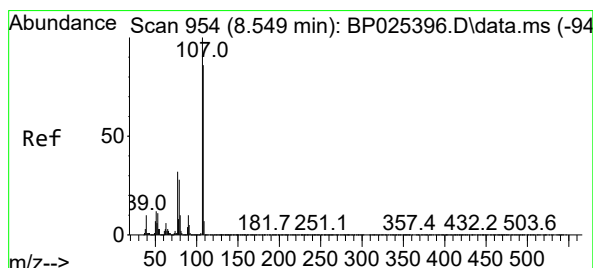
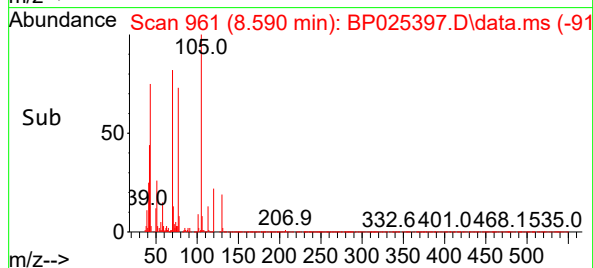
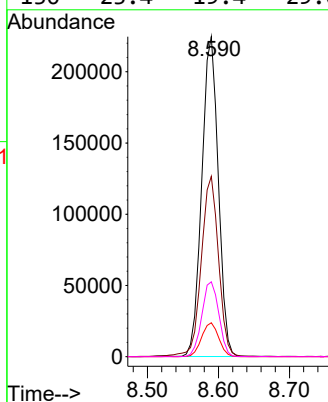
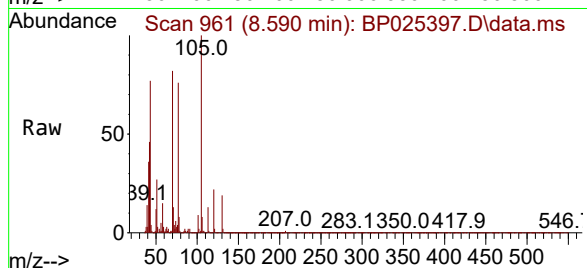
130 23.4 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 52.538 ng

RT: 8.549 min Scan# 954

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Tgt Ion:107 Resp: 565208

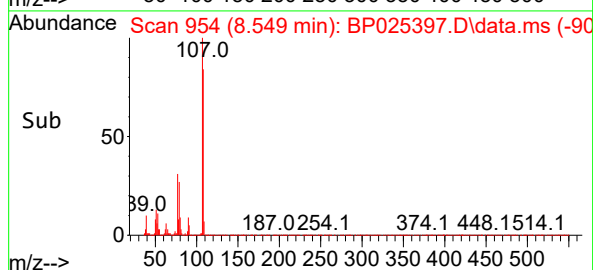
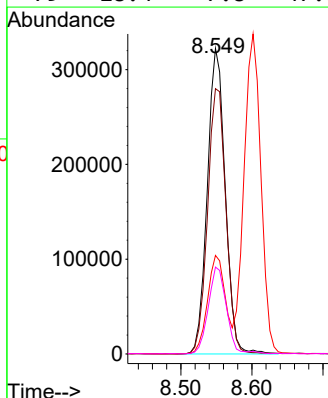
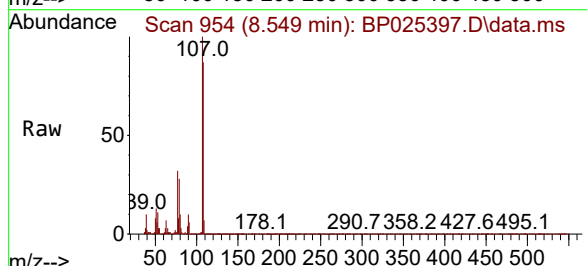
Ion Ratio Lower Upper

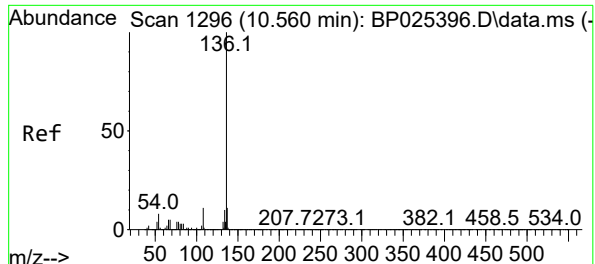
107 100

108 86.8 66.3 106.3

77 32.2 12.3 52.3

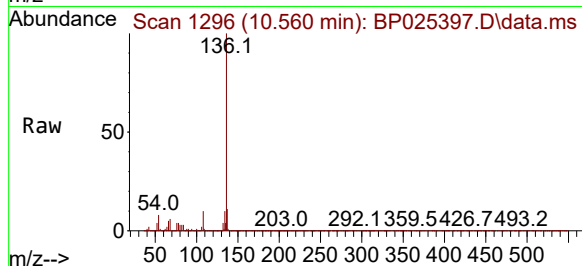
79 28.4 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

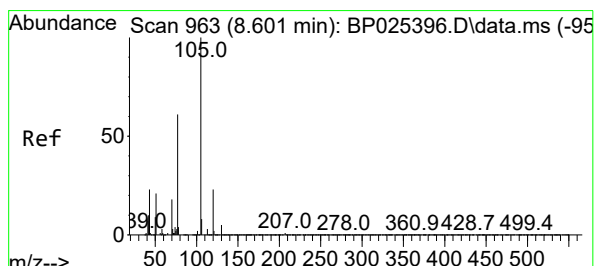
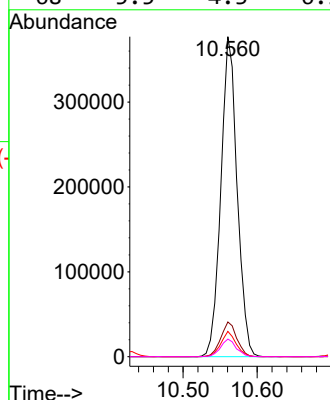
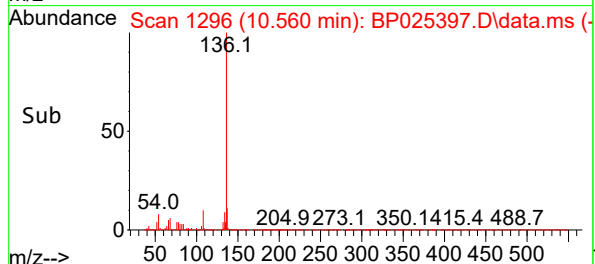
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:136 Resp: 573910
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.9 6.0 9.0
68 5.5 4.3 6.5

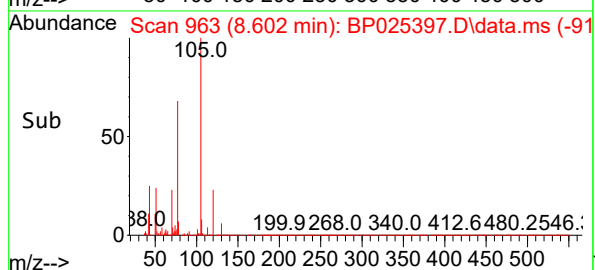
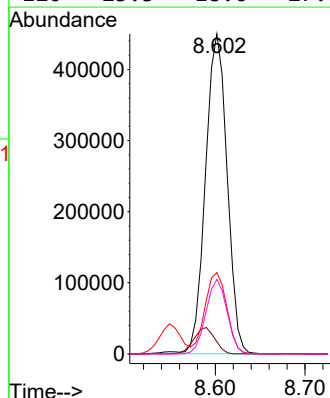
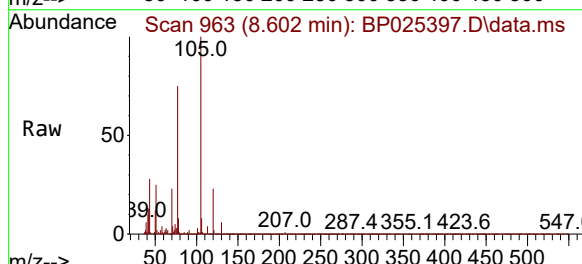
Manual Integrations
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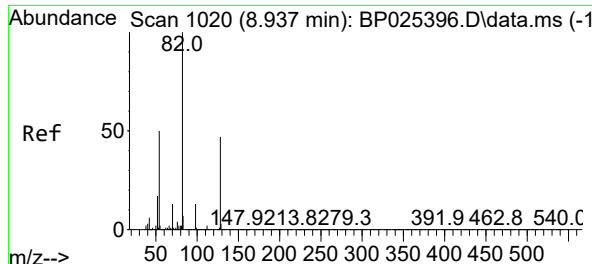
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#22
Acetophenone
Concen: 52.131 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

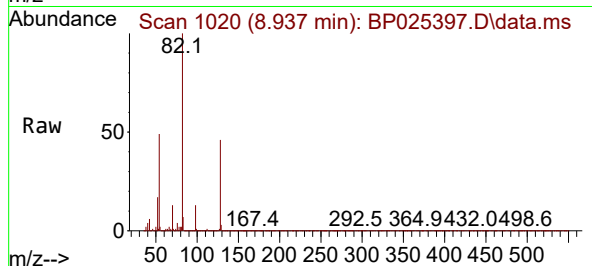
Tgt Ion:105 Resp: 750308
Ion Ratio Lower Upper
105 100
71 3.9 2.6 4.0
51 25.5 20.6 30.8
120 23.3 18.6 27.8





#23
Nitrobenzene-d5
Concen: 105.910 ng
RT: 8.937 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

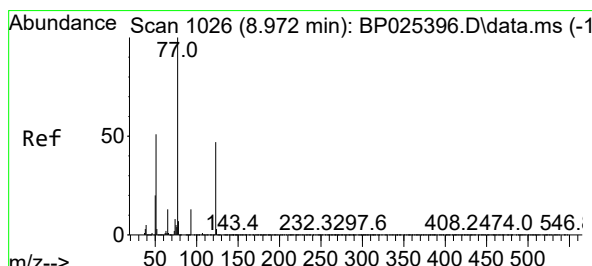
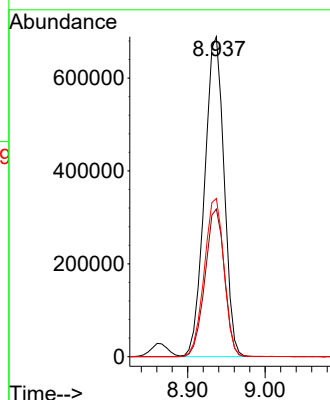
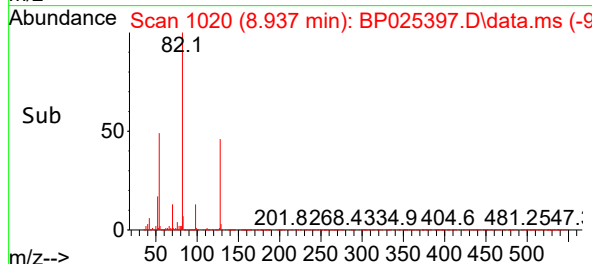
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 82 Resp: 120160
Ion Ratio Lower Upper
82 100
128 46.2 37.7 56.5
54 49.4 39.8 59.6

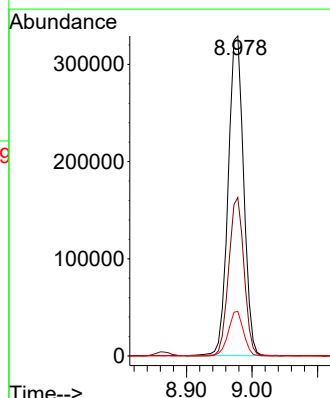
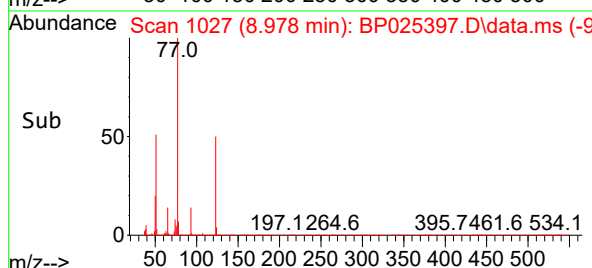
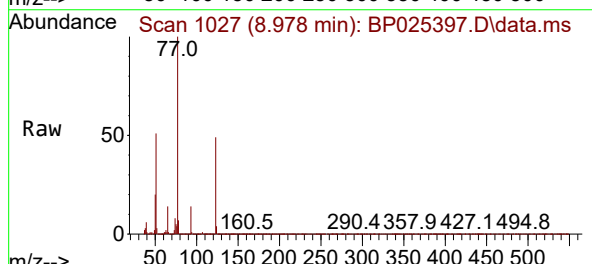
Manual Integrations
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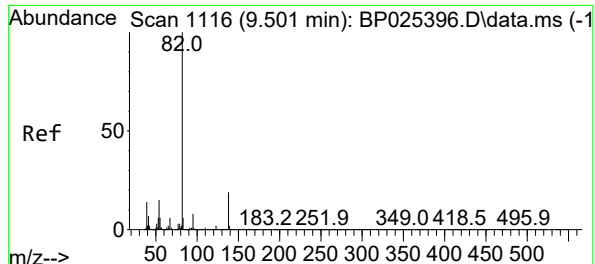
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#24
Nitrobenzene
Concen: 53.024 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

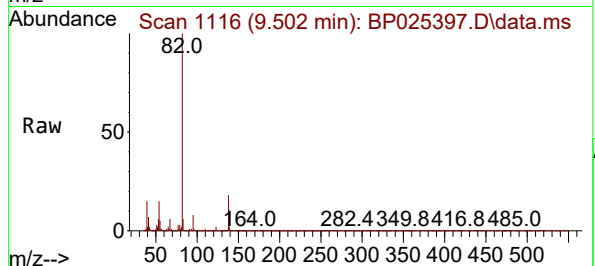
Tgt Ion: 77 Resp: 537647
Ion Ratio Lower Upper
77 100
123 49.5 38.6 58.0
65 13.9 10.6 15.8





#25
Isophorone
Concen: 52.182 ng
RT: 9.502 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

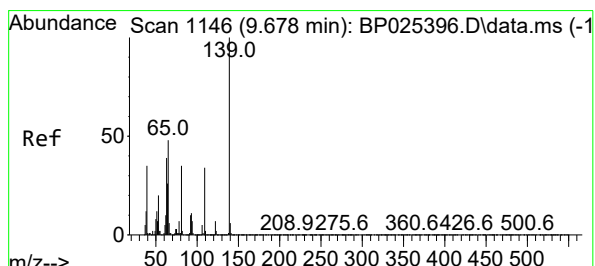
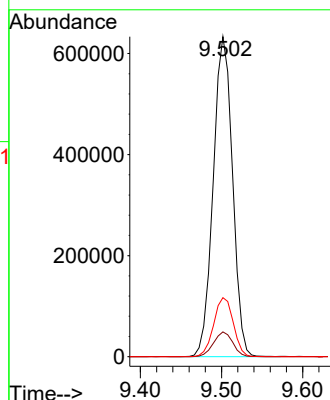
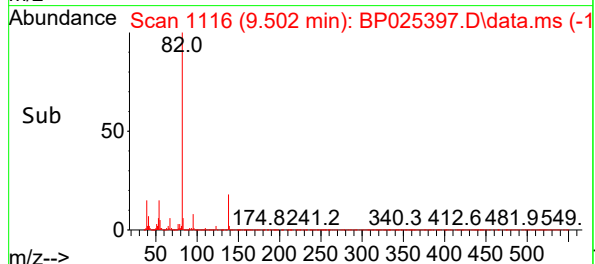
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 82 Resp: 1047730
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.5 15.4 23.0

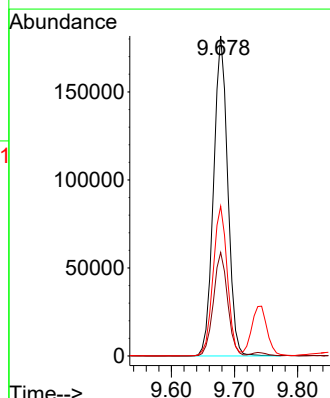
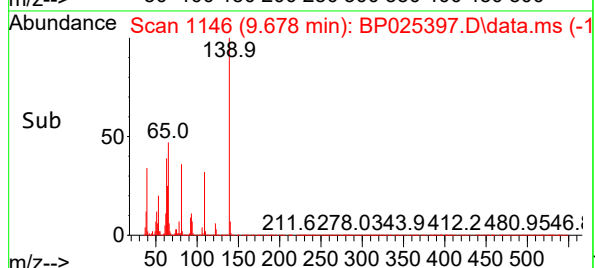
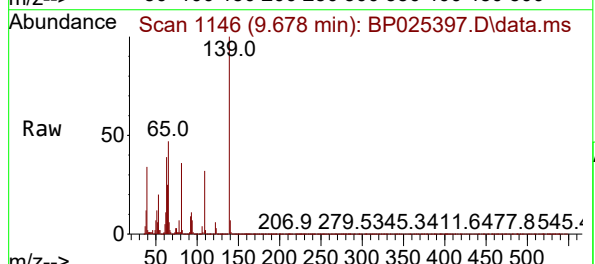
Manual Integrations
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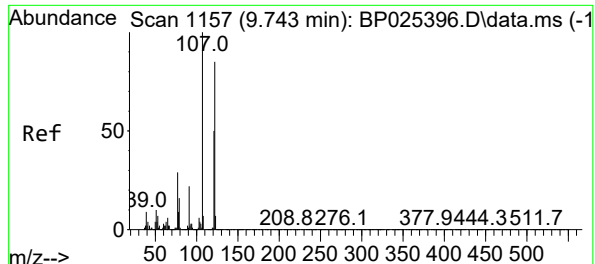
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#26
2-Nitrophenol
Concen: 54.323 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:139 Resp: 282682
Ion Ratio Lower Upper
139 100
109 32.3 26.9 40.3
65 46.8 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 53.806 ng

RT: 9.737 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:122 Resp: 481502

Ion Ratio Lower Upper

122 100

107 120.8 93.7 140.5

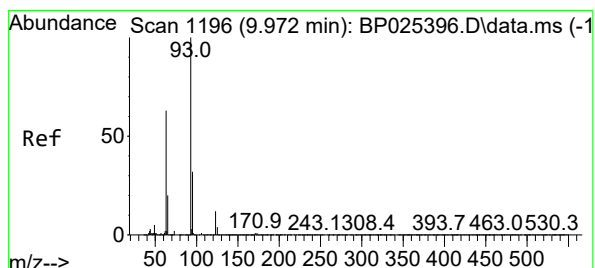
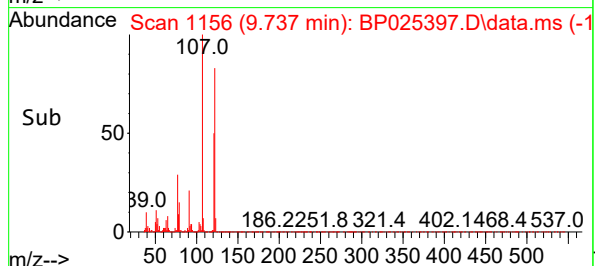
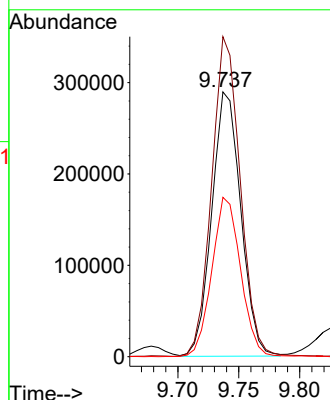
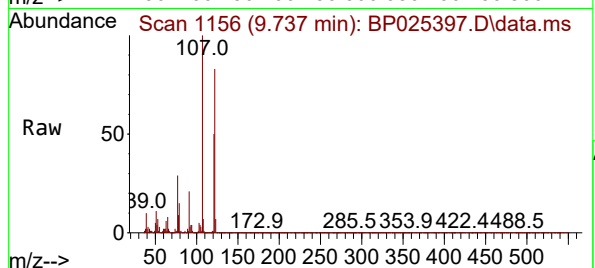
121 60.2 46.6 69.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 51.909 ng

RT: 9.972 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

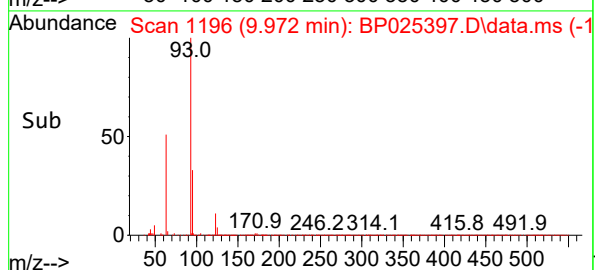
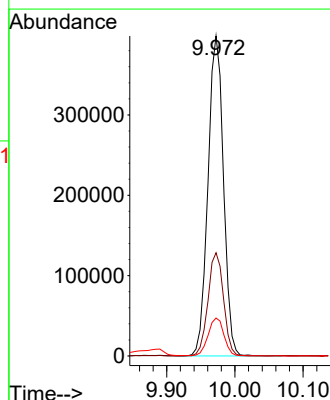
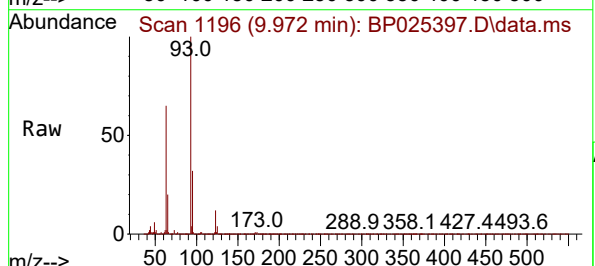
Tgt Ion: 93 Resp: 630027

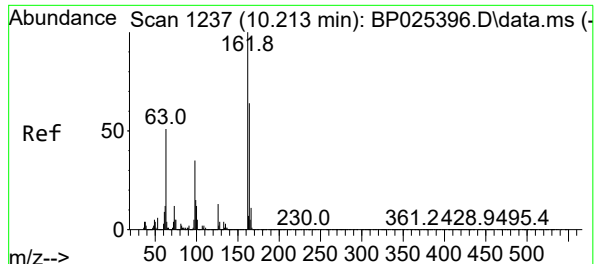
Ion Ratio Lower Upper

93 100

95 32.2 25.4 38.0

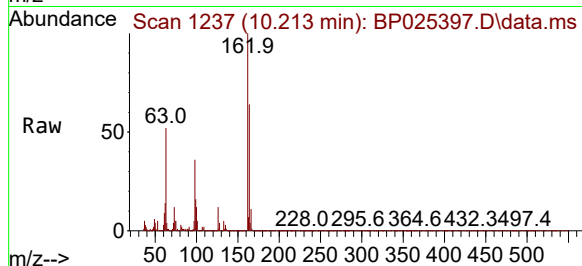
123 11.8 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 53.478 ng
RT: 10.213 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

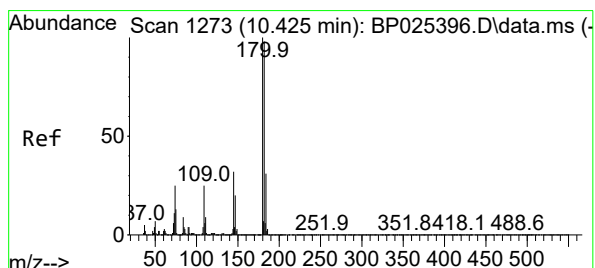
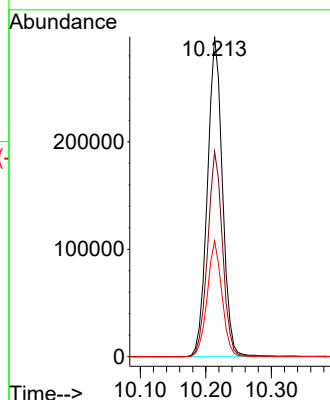
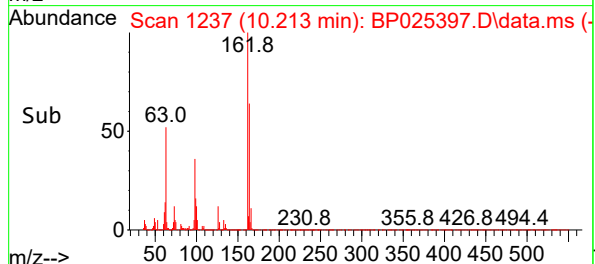
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



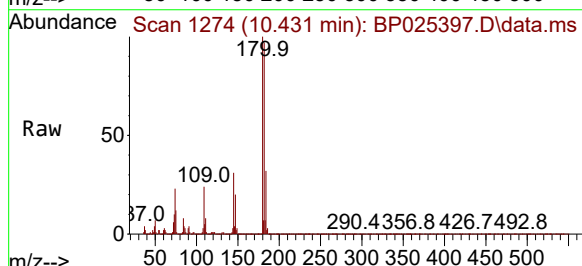
Tgt Ion:162 Resp: 475400
Ion Ratio Lower Upper
162 100
164 64.1 44.4 84.4
98 36.2 14.9 54.9

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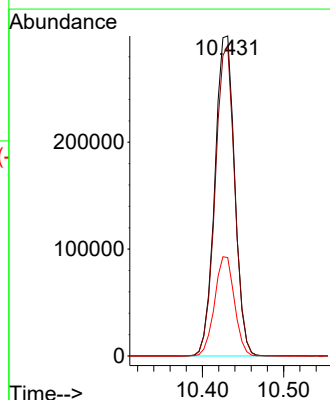
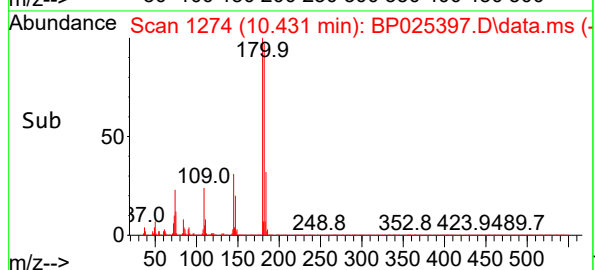
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

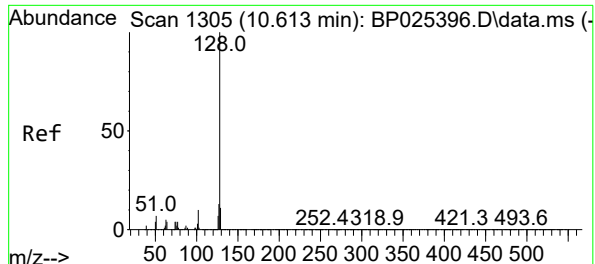


#30
1,2,4-Trichlorobenzene
Concen: 52.101 ng
RT: 10.431 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01



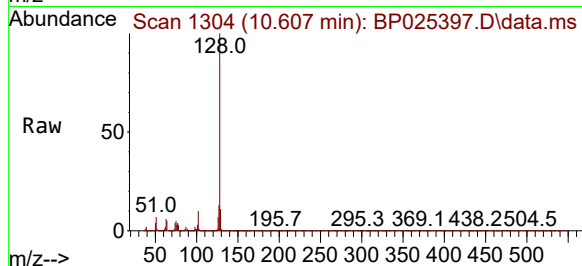
Tgt Ion:180 Resp: 507724
Ion Ratio Lower Upper
180 100
182 97.0 78.0 117.0
145 30.8 25.9 38.9





#31
Naphthalene
Concen: 52.305 ng
RT: 10.607 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

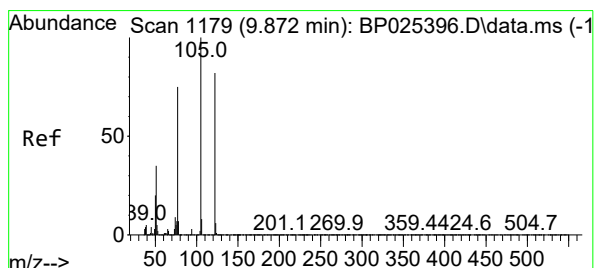
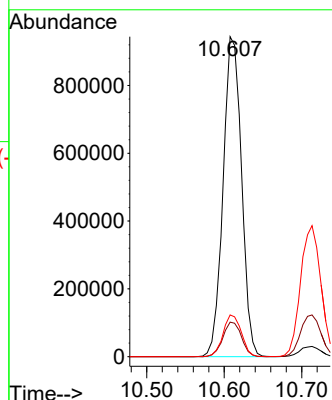
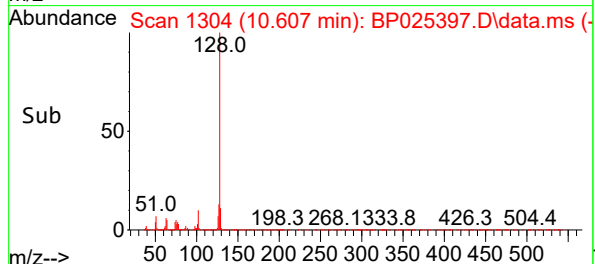
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 1560240
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.1 10.7 16.1

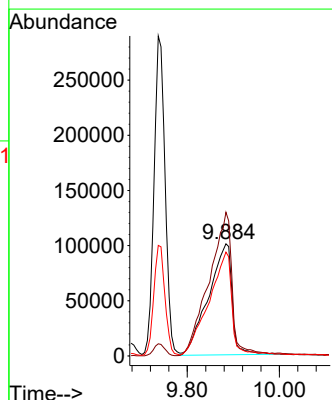
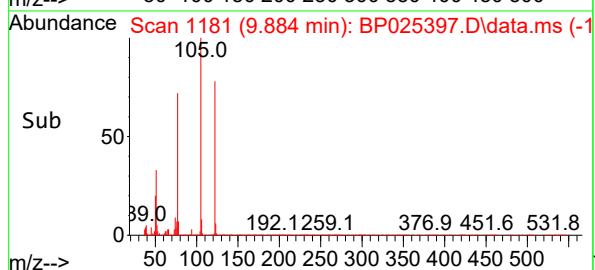
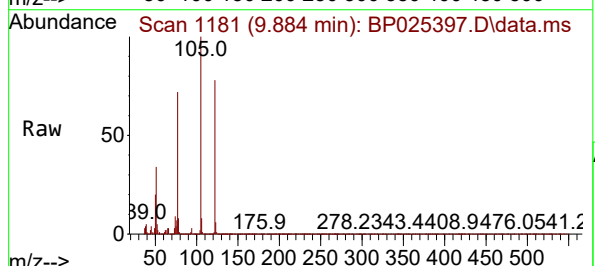
Manual Integrations
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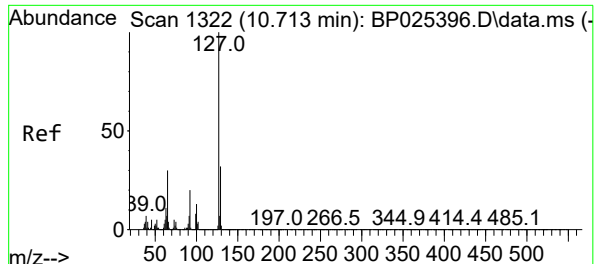
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 54.274 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

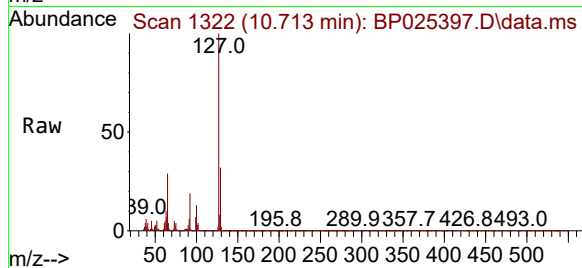
Tgt Ion:122 Resp: 357706
Ion Ratio Lower Upper
122 100
105 128.1 100.6 140.6
77 92.6 71.5 111.5





#33
4-Chloroaniline
Concen: 53.548 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

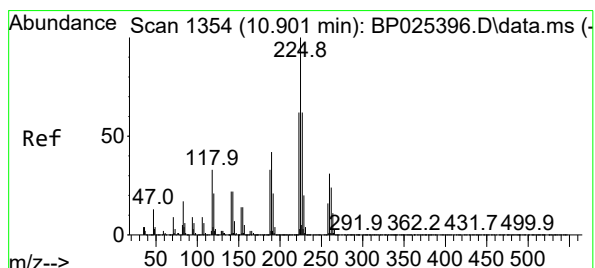
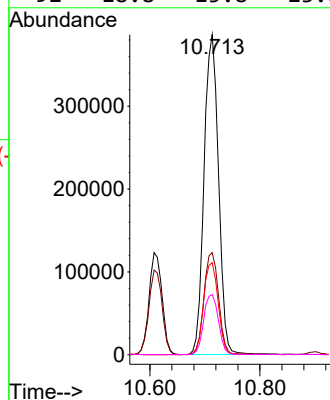
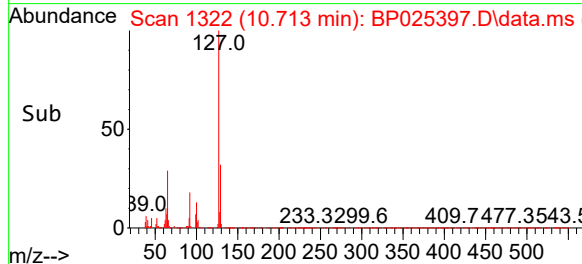
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:127 Resp: 705562
Ion Ratio Lower Upper
127 100
129 31.9 25.4 38.2
65 28.7 23.8 35.6
92 18.8 15.8 23.8

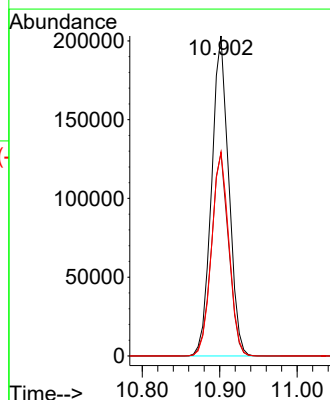
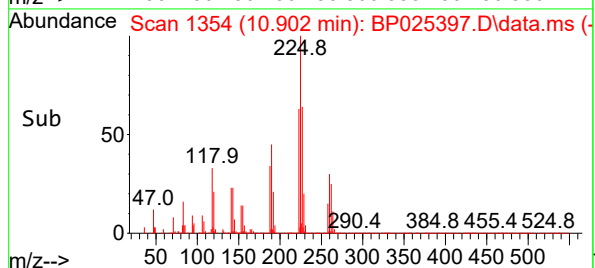
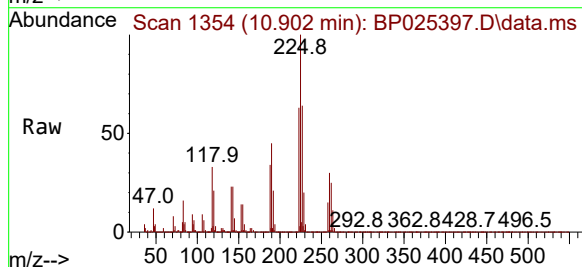
Manual Integrations
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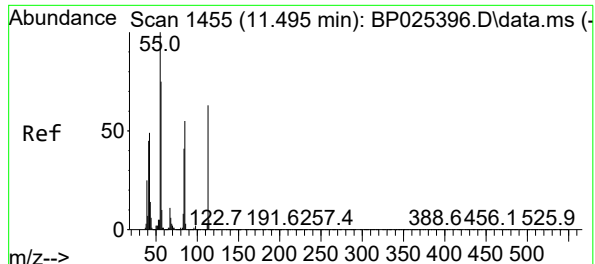
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#34
Hexachlorobutadiene
Concen: 51.436 ng
RT: 10.902 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

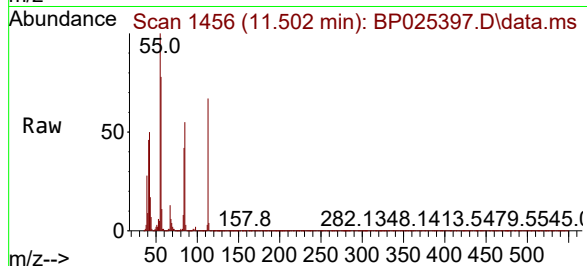
Tgt Ion:225 Resp: 312163
Ion Ratio Lower Upper
225 100
223 63.5 50.0 75.0
227 63.7 49.7 74.5





#35
 Caprolactam
 Concen: 52.969 ng
 RT: 11.502 min Scan# 1455
 Delta R.T. 0.006 min
 Lab File: BP025397.D
 Acq: 14 Aug 2025 16:01

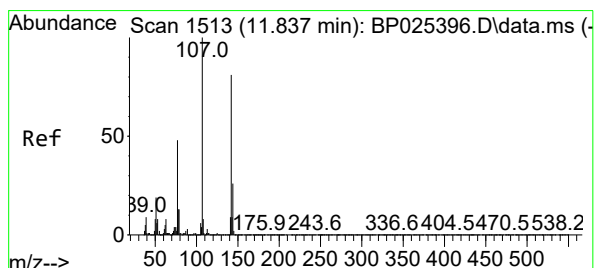
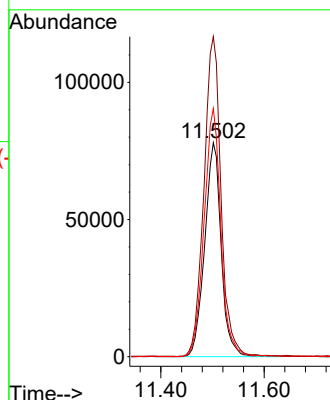
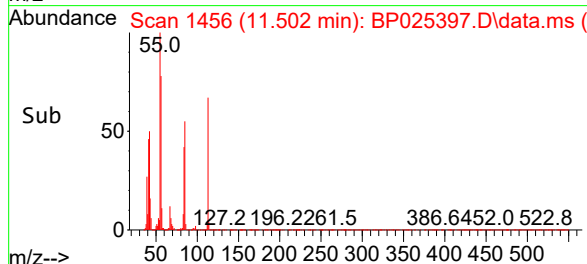
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050



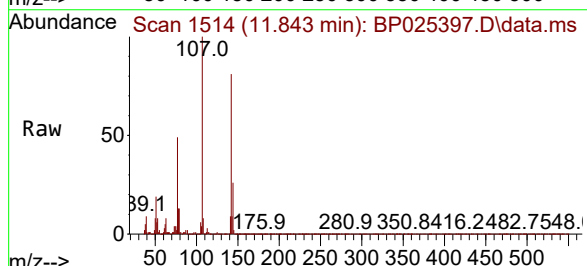
Tgt Ion:113 Resp: 172663
 Ion Ratio Lower Upper
 113 100
 55 149.6 140.0 180.0
 56 116.0 100.0 140.0

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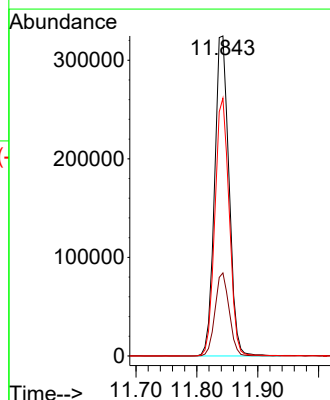
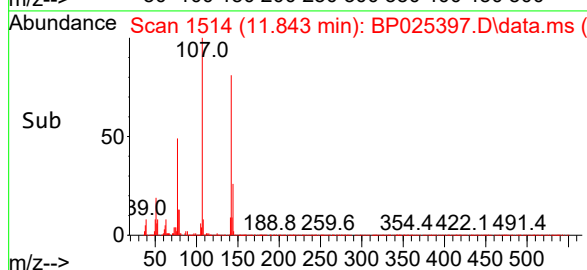
Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

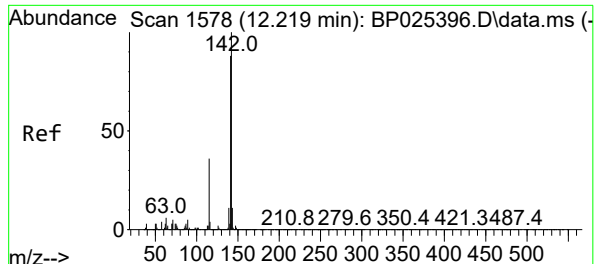


#36
 4-Chloro-3-methylphenol
 Concen: 52.407 ng
 RT: 11.843 min Scan# 1514
 Delta R.T. 0.006 min
 Lab File: BP025397.D
 Acq: 14 Aug 2025 16:01



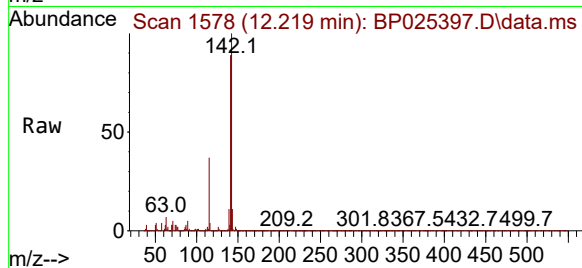
Tgt Ion:107 Resp: 534583
 Ion Ratio Lower Upper
 107 100
 144 26.0 21.0 31.4
 142 80.6 64.6 97.0





#37
2-Methylnaphthalene
Concen: 51.710 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

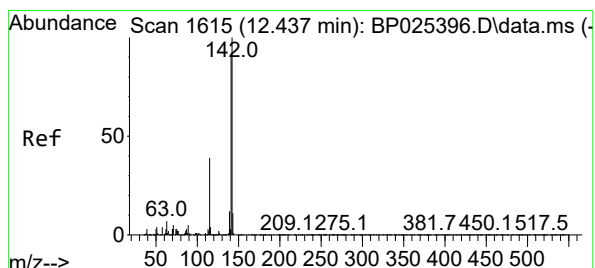
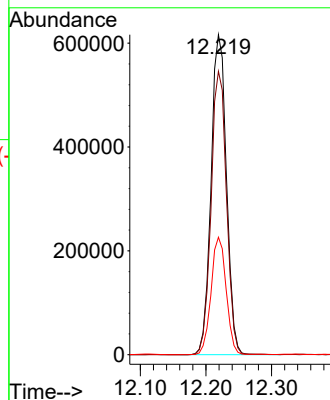
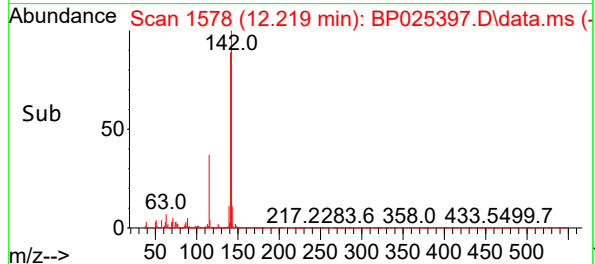
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



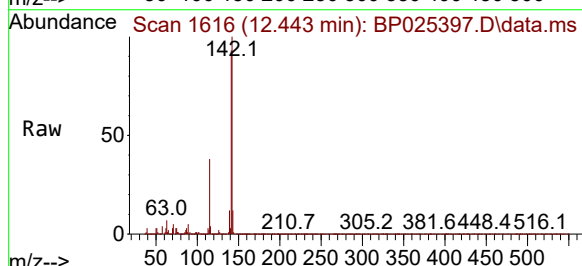
Tgt Ion:142 Resp: 100381
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5
115 36.7 28.9 43.3

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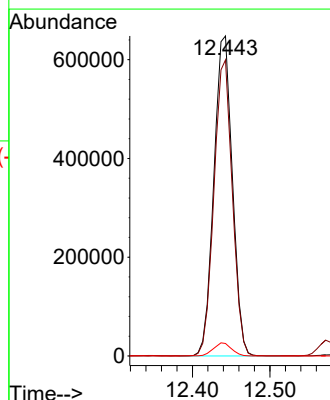
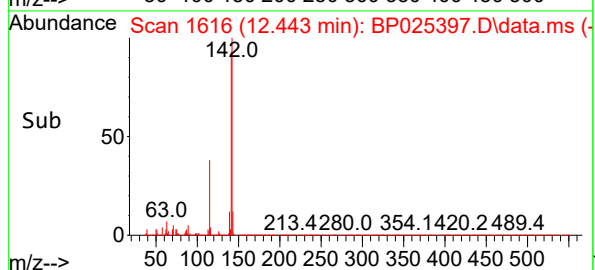
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

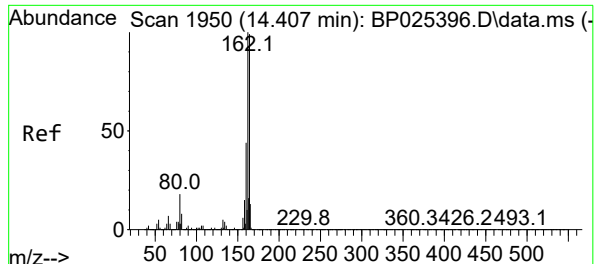


#38
1-Methylnaphthalene
Concen: 52.167 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01



Tgt Ion:142 Resp: 1076949
Ion Ratio Lower Upper
142 100
141 92.5 73.1 109.7
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.407 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:164 Resp: 37673

Ion Ratio Lower Upper

164 100

162 100.0 81.0 121.6

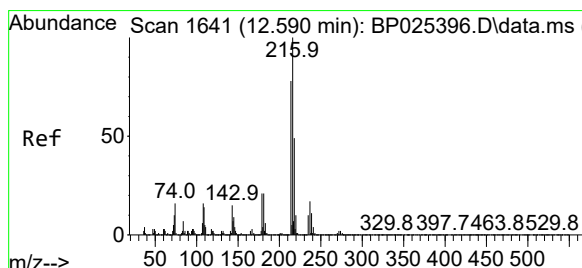
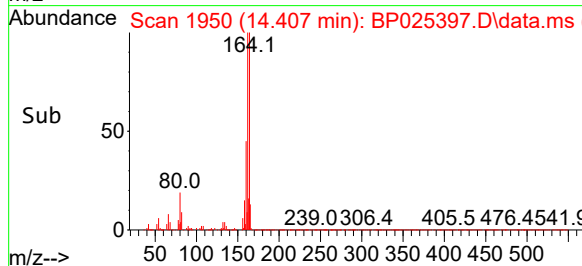
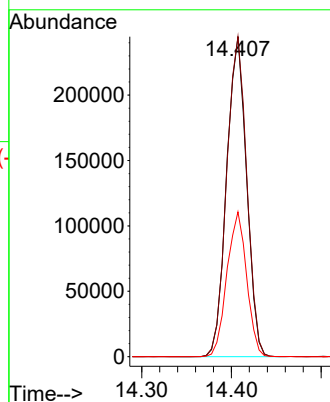
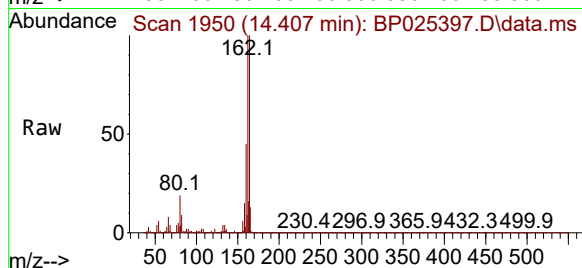
160 45.2 35.4 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.769 ng

RT: 12.590 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Tgt Ion:216 Resp: 574152

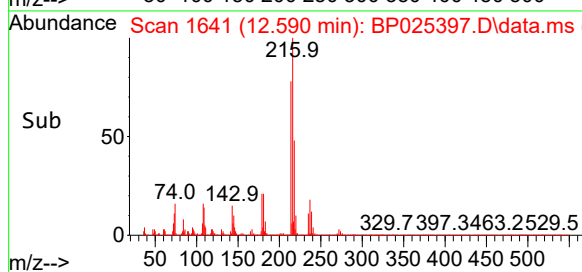
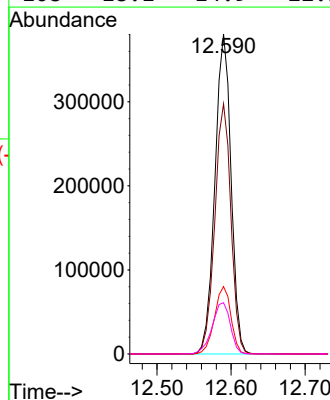
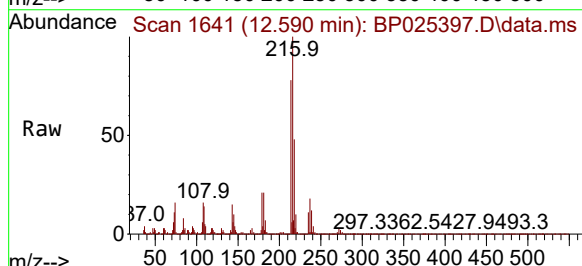
Ion Ratio Lower Upper

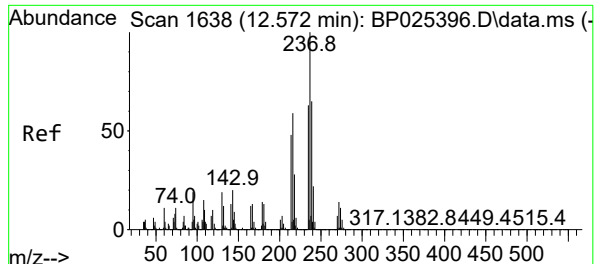
216 100

214 78.2 63.0 94.4

179 21.5 17.1 25.7

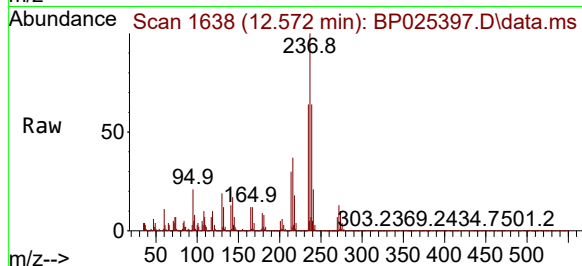
108 18.1 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 55.392 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

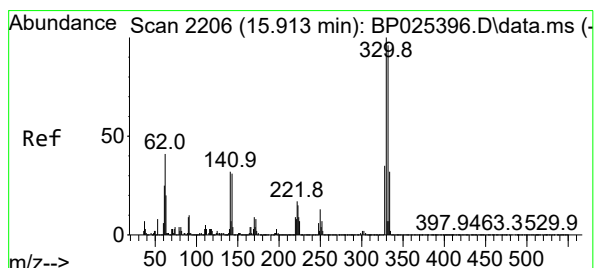
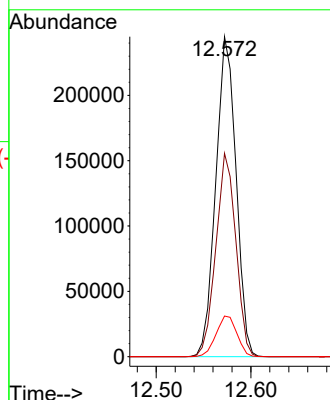
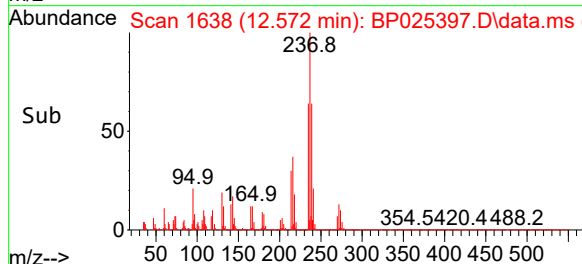
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 237 Resp: 36404
Ion Ratio Lower Upper
237 100
235 63.6 42.7 82.7
272 12.7 0.0 34.0

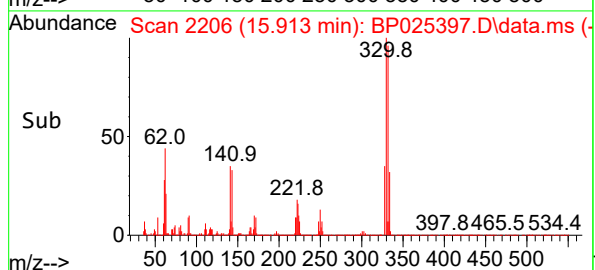
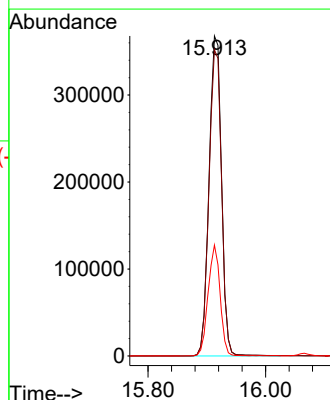
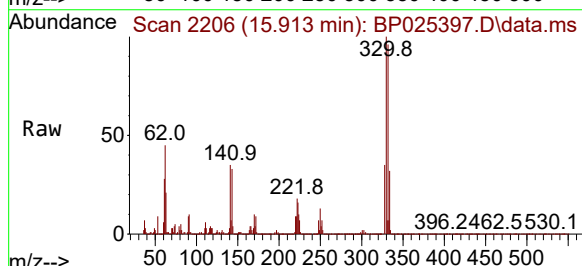
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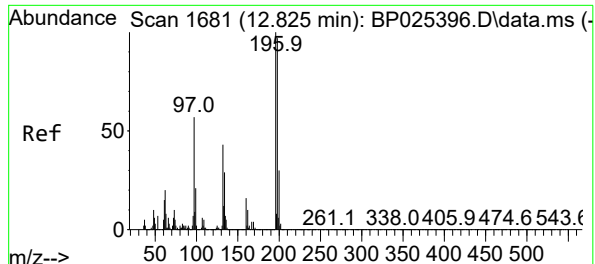
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#42
2,4,6-Tribromophenol
Concen: 106.352 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 330 Resp: 539295
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 33.5 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 53.971 ng

RT: 12.831 min Scan# 1682

Delta R.T. 0.006 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:196 Resp: 396440

Ion Ratio Lower Upper

196 100

198 96.3 77.2 115.8

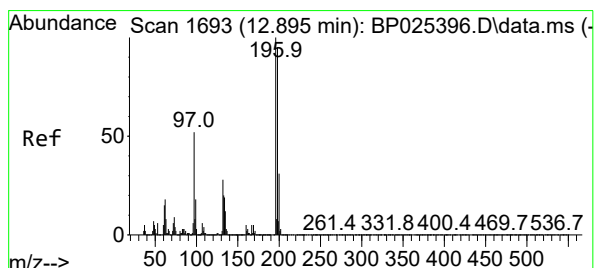
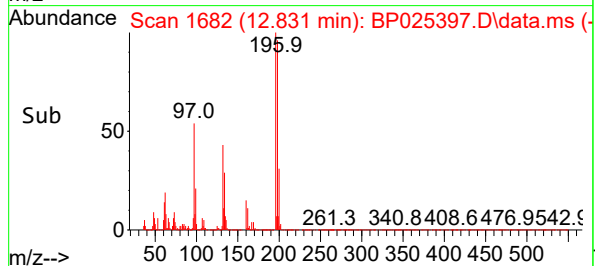
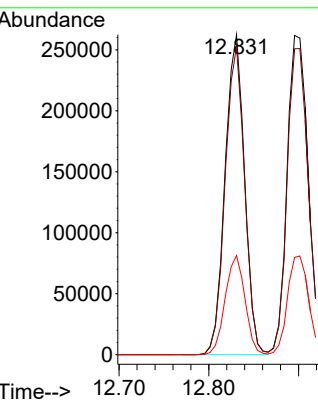
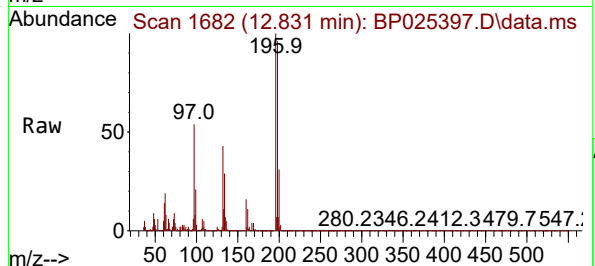
200 31.0 23.9 35.9

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#44

2,4,5-Trichlorophenol

Concen: 53.421 ng

RT: 12.896 min Scan# 1693

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Tgt Ion:196 Resp: 430061

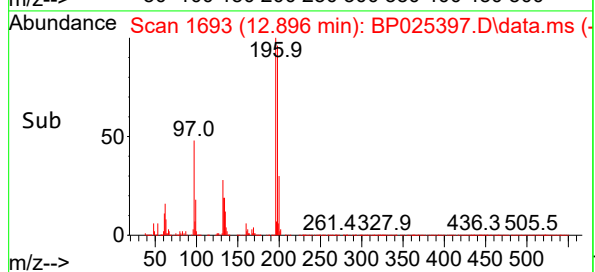
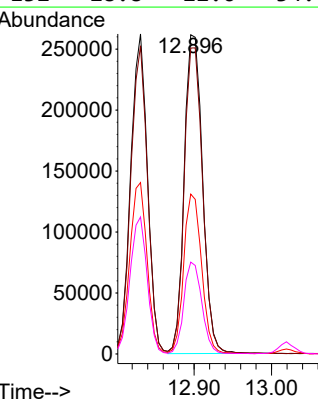
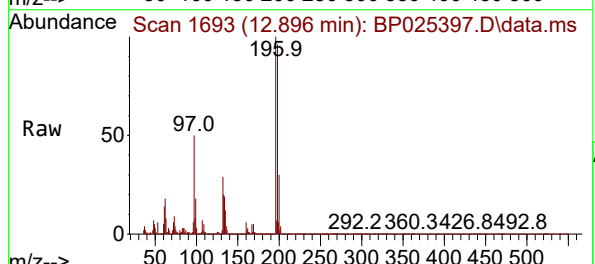
Ion Ratio Lower Upper

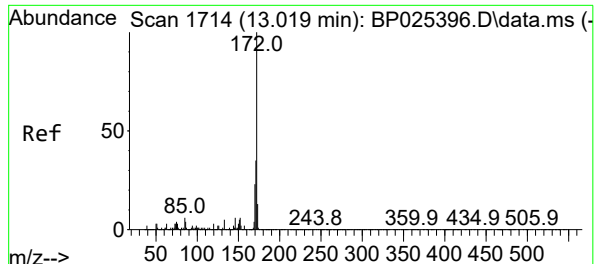
196 100

198 95.8 76.2 114.2

97 50.1 41.2 61.8

132 28.8 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 103.632 ng

RT: 13.019 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:172 Resp: 2856639

Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

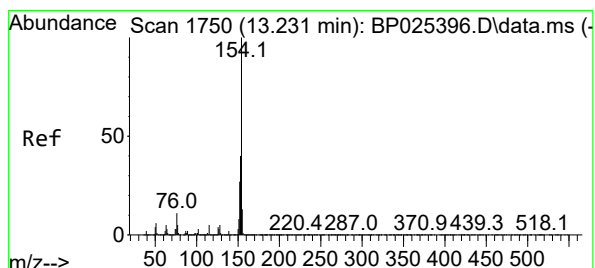
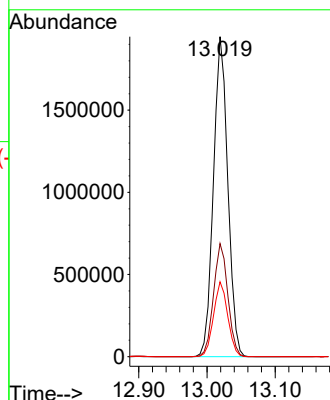
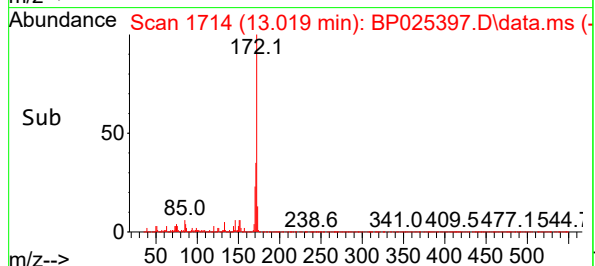
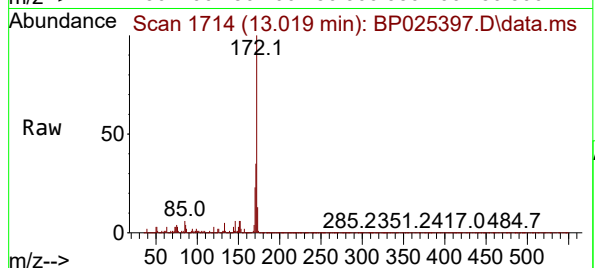
170 23.4 18.6 28.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#46

1,1'-Biphenyl

Concen: 52.922 ng

RT: 13.231 min Scan# 1750

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

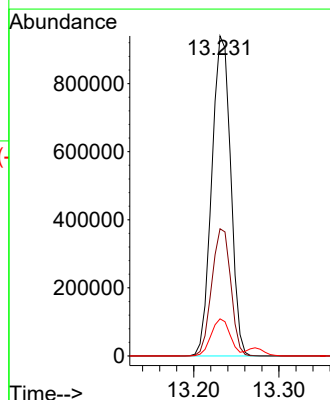
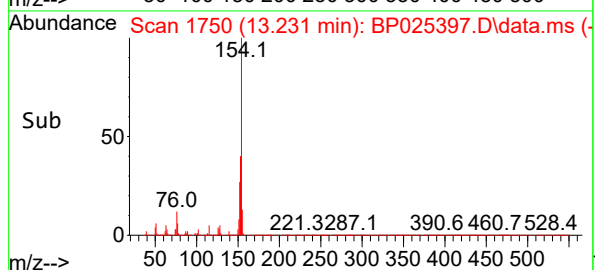
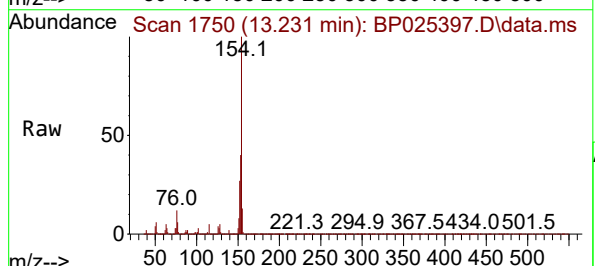
Tgt Ion:154 Resp: 1447968

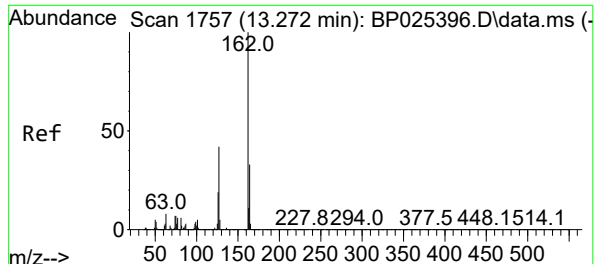
Ion Ratio Lower Upper

154 100

153 39.8 19.5 59.5

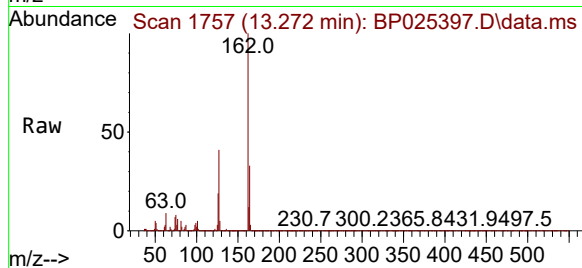
76 11.6 0.0 31.1





#47
2-Chloronaphthalene
Concen: 52.344 ng
RT: 13.272 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

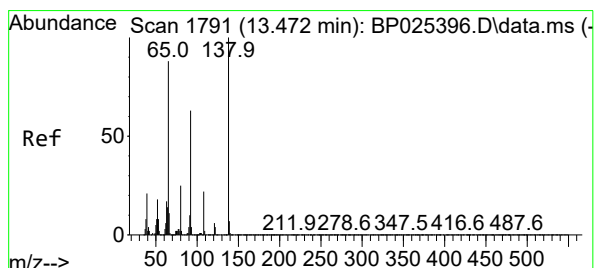
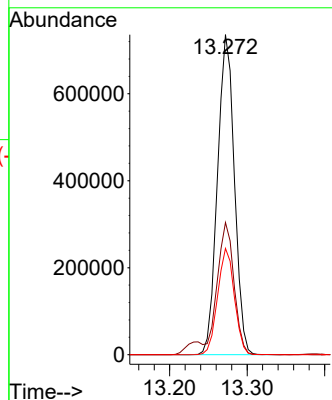
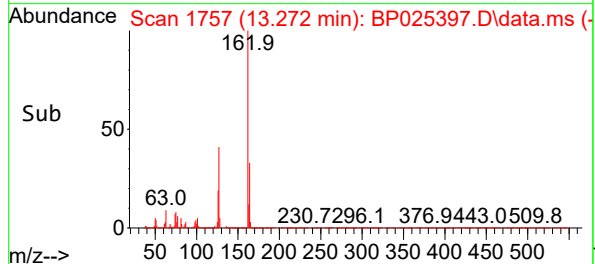
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 162 Resp: 111492
Ion Ratio Lower Upper
162 100
127 41.3 33.4 50.2
164 33.2 26.2 39.2

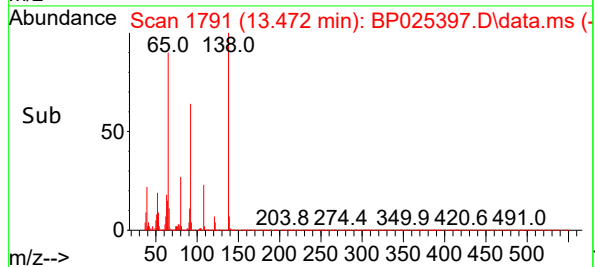
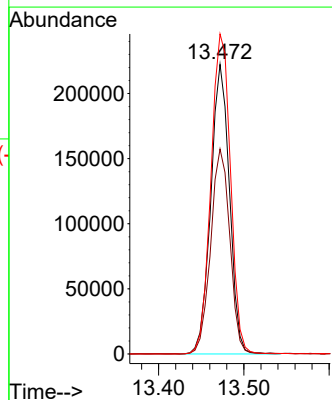
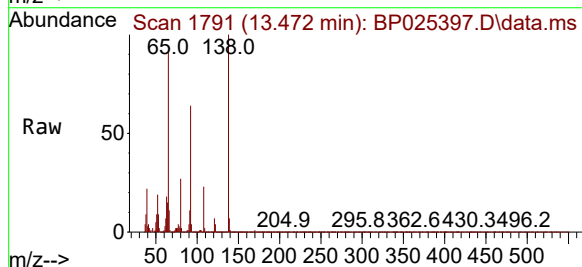
Manual Integrations
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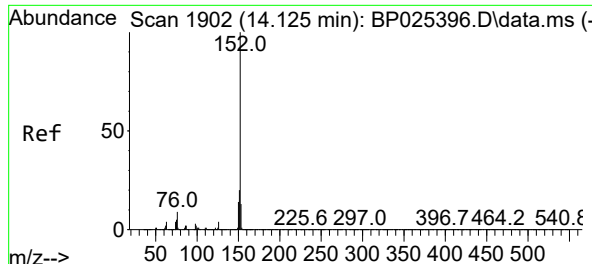
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#48
2-Nitroaniline
Concen: 54.613 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 65 Resp: 338939
Ion Ratio Lower Upper
65 100
92 70.7 57.6 86.4
138 110.5 91.0 136.6





#49

Acenaphthylene

Concen: 53.227 ng

RT: 14.125 min Scan# 1902

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:152 Resp: 1875998

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

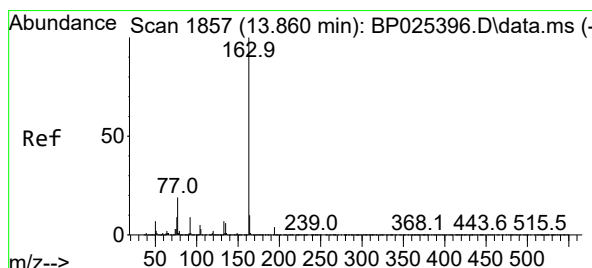
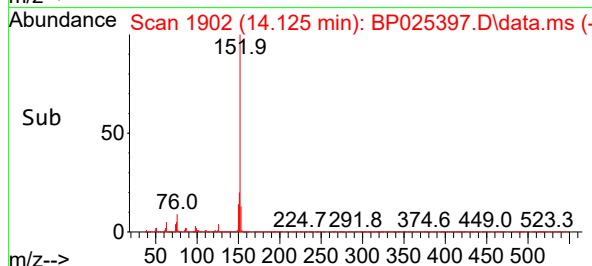
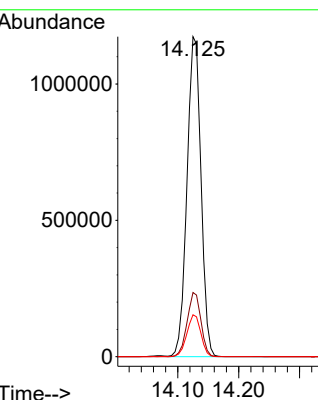
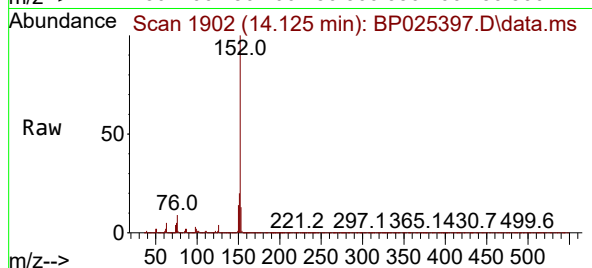
153 13.1 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#50

Dimethylphthalate

Concen: 51.622 ng

RT: 13.860 min Scan# 1857

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

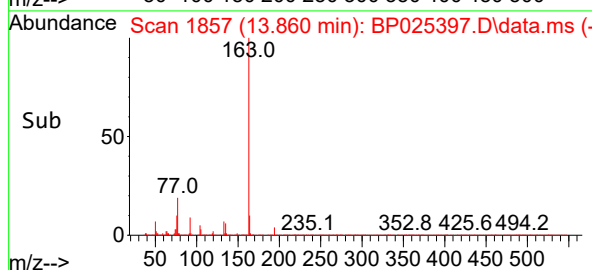
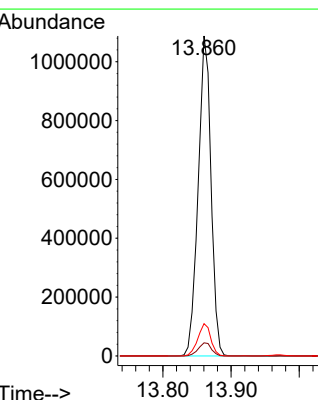
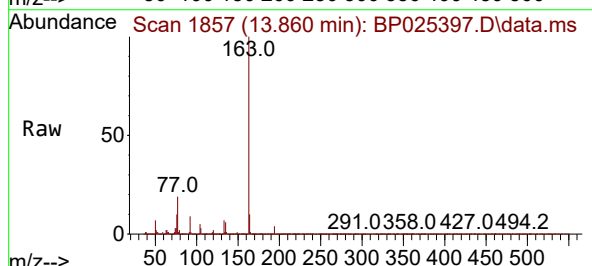
Tgt Ion:163 Resp: 1424127

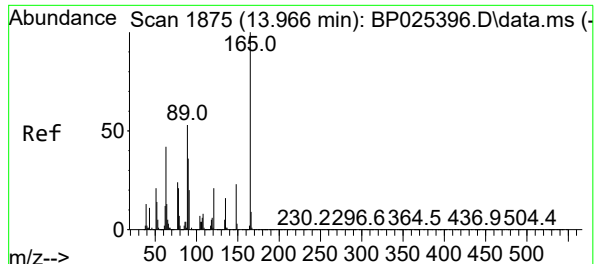
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

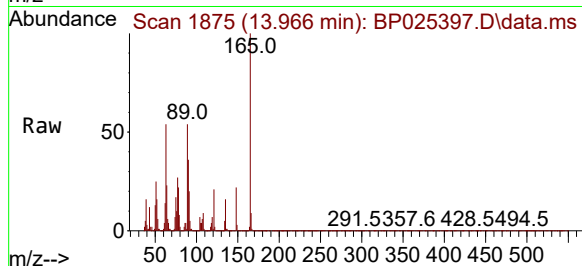
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 53.683 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

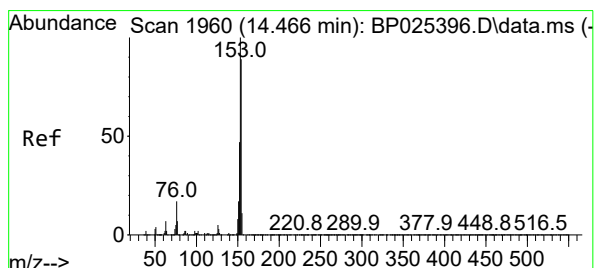
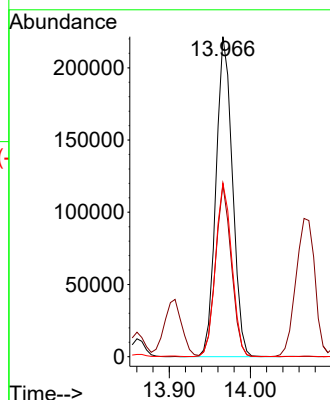
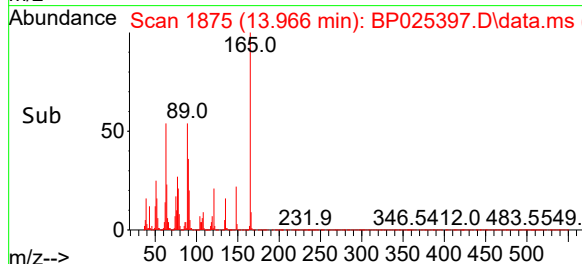
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 312149
Ion Ratio Lower Upper
165 100
63 53.8 40.9 61.3
89 54.2 42.1 63.1

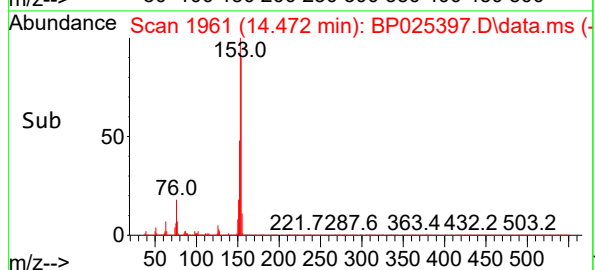
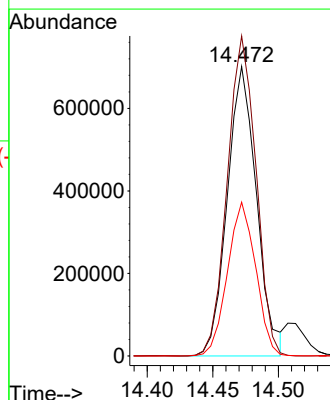
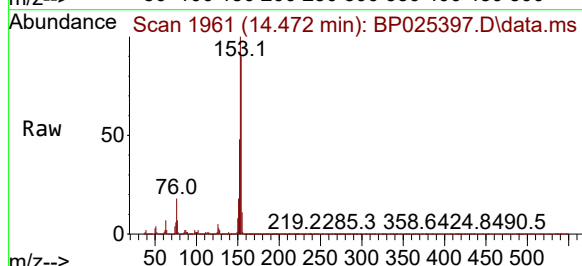
Manual Integrations
APPROVED

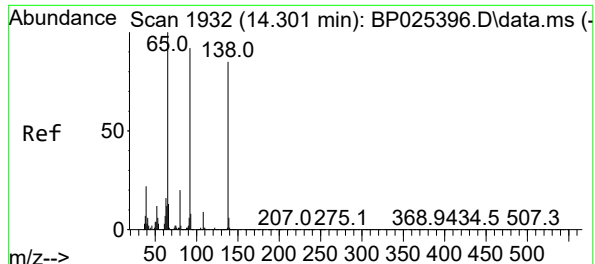
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#52
Acenaphthene
Concen: 52.577 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

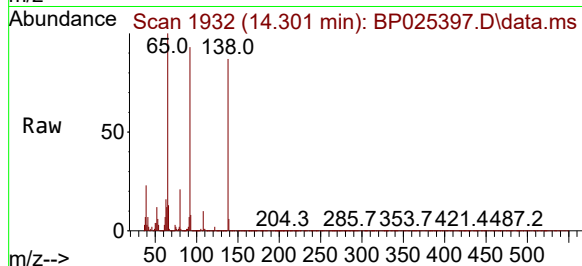
Tgt Ion:154 Resp: 1087721
Ion Ratio Lower Upper
154 100
153 110.6 90.2 135.2
152 53.1 42.1 63.1





#53
3-Nitroaniline
Concen: 55.339 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

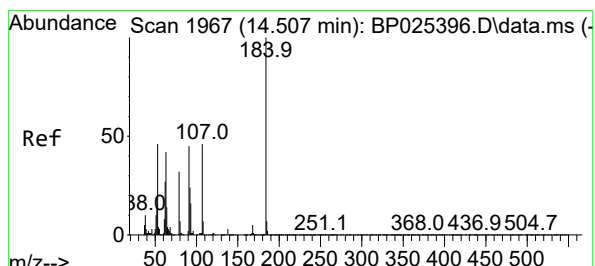
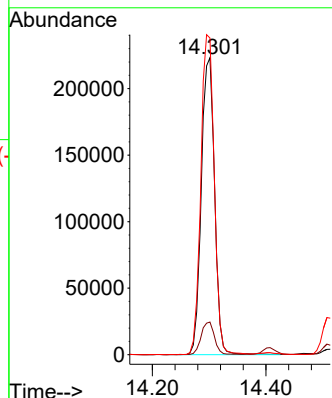
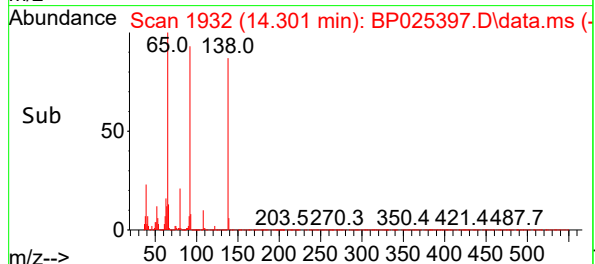
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:138 Resp: 362030
Ion Ratio Lower Upper
138 100
108 11.0 8.3 12.5
92 106.6 86.2 129.2

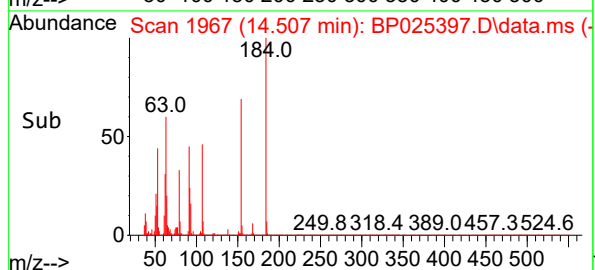
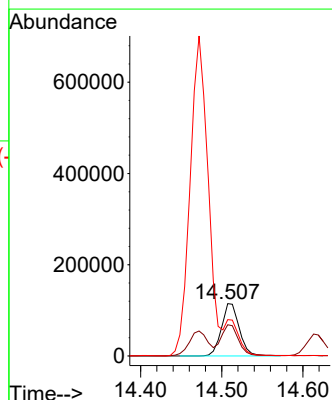
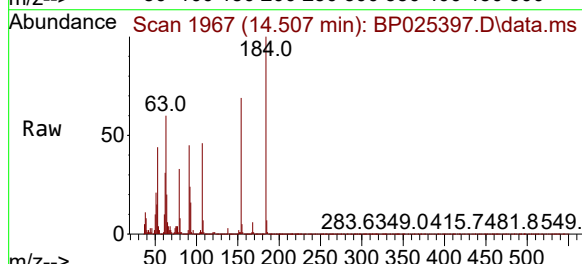
Manual Integrations
APPROVED

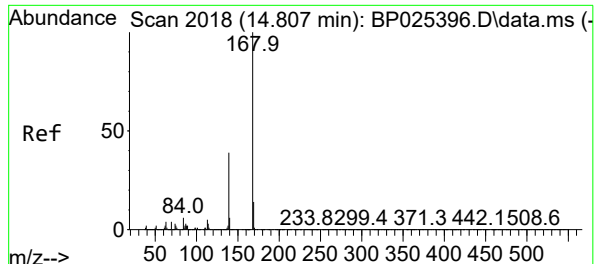
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#54
2,4-Dinitrophenol
Concen: 56.503 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

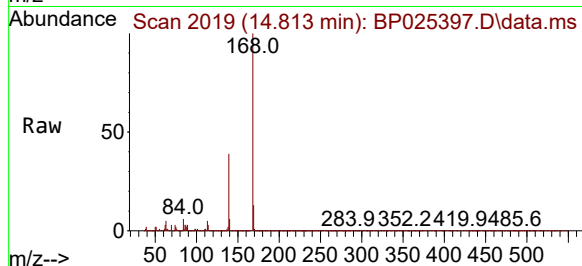
Tgt Ion:184 Resp: 175453
Ion Ratio Lower Upper
184 100
63 59.7 49.4 74.2
154 69.4 54.6 82.0





#55
Dibenzenofuran
Concen: 52.147 ng
RT: 14.813 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

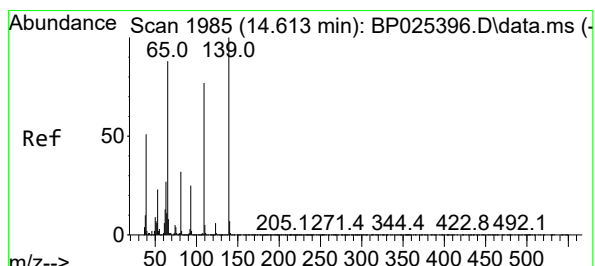
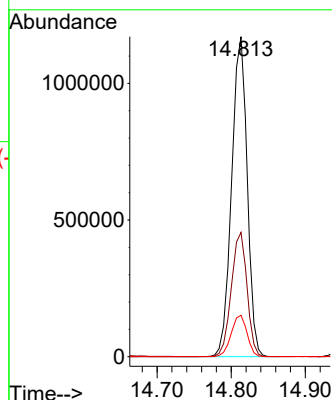
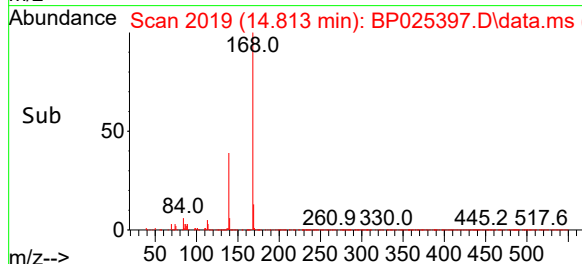
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:168 Resp: 1705630
Ion Ratio Lower Upper
168 100
139 38.9 31.5 47.3
169 13.0 10.9 16.3

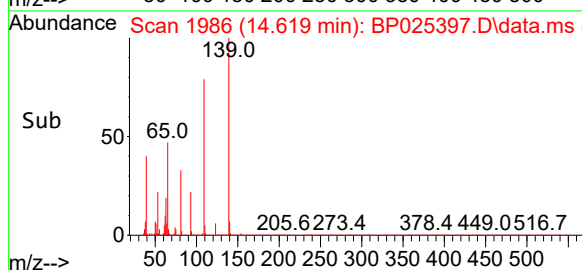
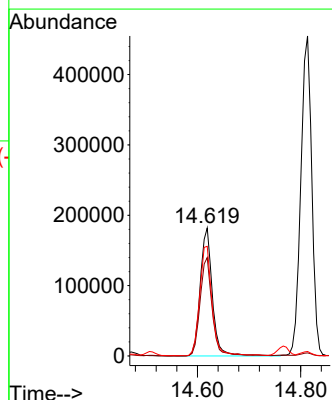
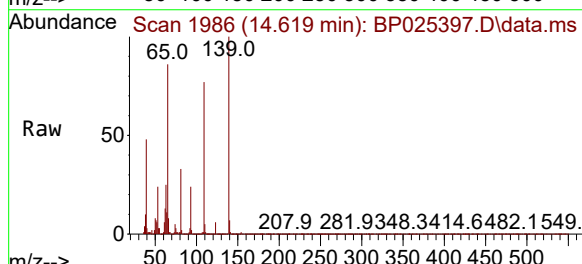
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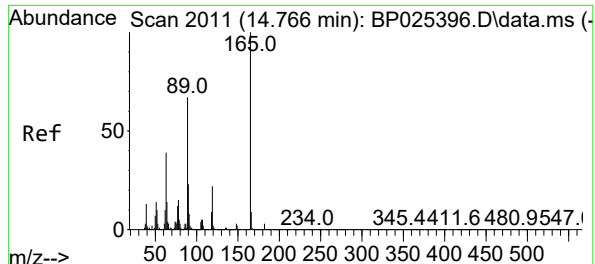
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#56
4-Nitrophenol
Concen: 55.103 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:139 Resp: 296227
Ion Ratio Lower Upper
139 100
109 76.8 56.6 96.6
65 85.5 68.2 108.2





#57

2,4-Dinitrotoluene

Concen: 54.354 ng

RT: 14.766 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:165 Resp: 45092

Ion Ratio Lower Upper

165 100

63 42.0 31.4 47.2

89 67.9 53.3 79.9

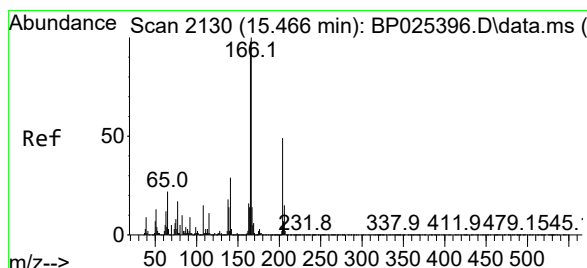
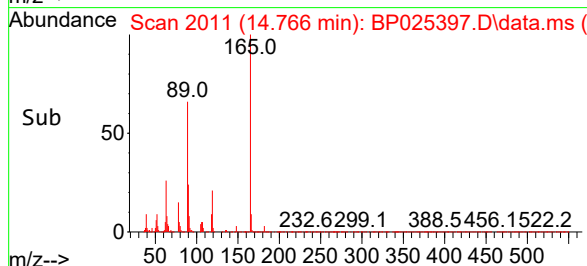
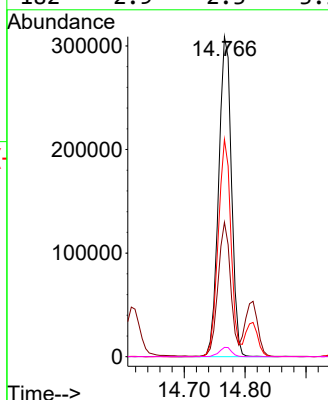
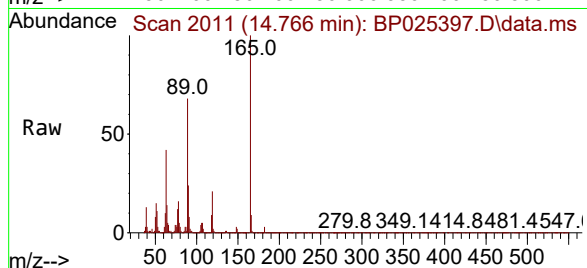
182 2.9 2.3 3.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#58

Fluorene

Concen: 51.627 ng

RT: 15.466 min Scan# 2130

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

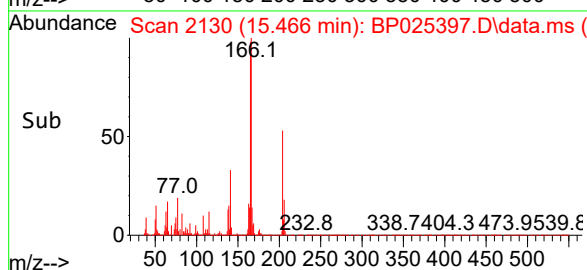
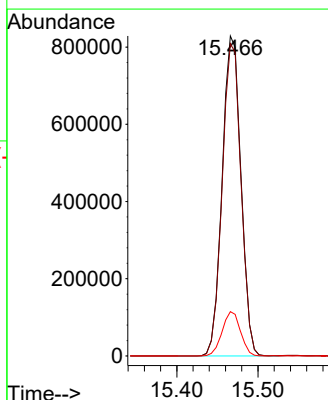
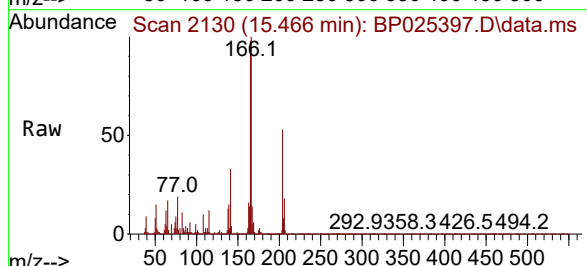
Tgt Ion:166 Resp: 1332448

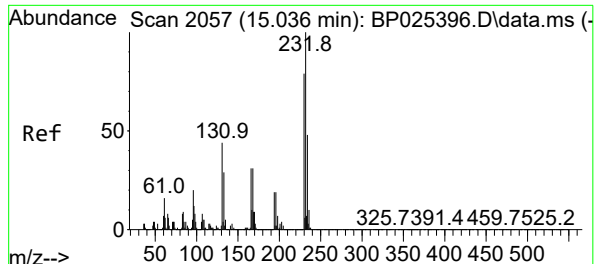
Ion Ratio Lower Upper

166 100

165 97.6 78.8 118.2

167 13.9 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 53.281 ng

RT: 15.043 min Scan# 2058

Delta R.T. 0.006 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:232 Resp: 37874

Ion Ratio Lower Upper

232 100

131 46.0 37.0 55.6

130 2.5 1.9 2.9

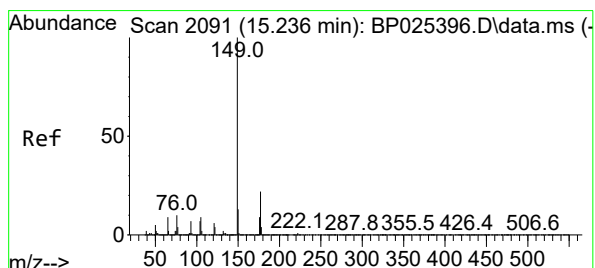
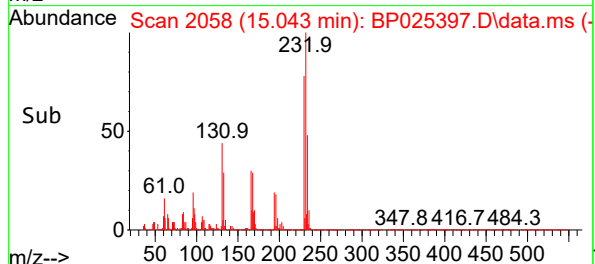
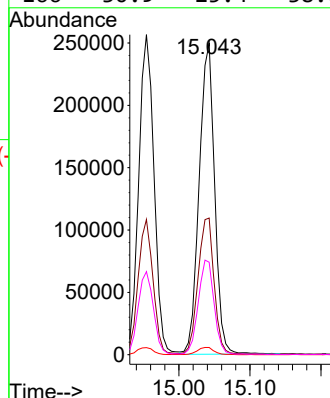
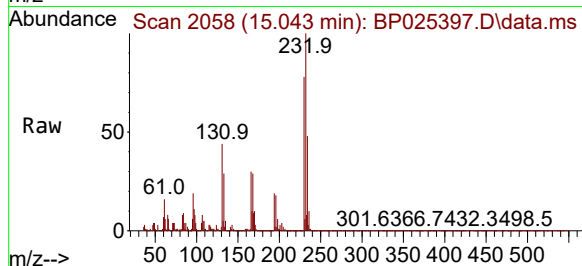
166 30.9 25.4 38.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#60

Diethylphthalate

Concen: 51.728 ng

RT: 15.243 min Scan# 2092

Delta R.T. 0.006 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

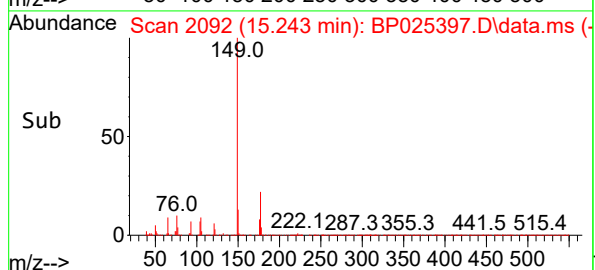
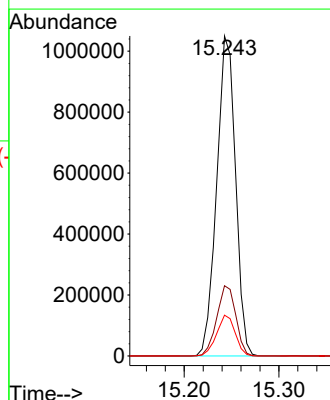
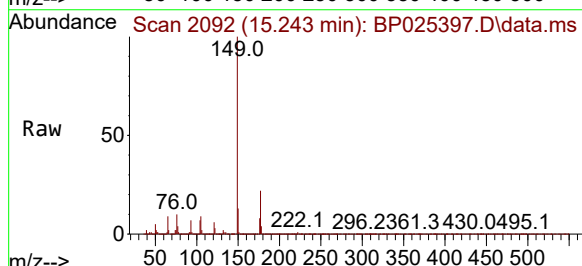
Tgt Ion:149 Resp: 1450033

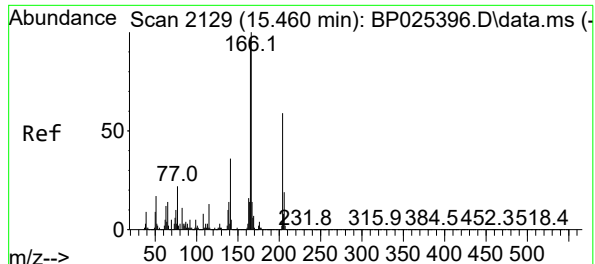
Ion Ratio Lower Upper

149 100

177 21.9 17.3 25.9

150 12.8 10.3 15.5





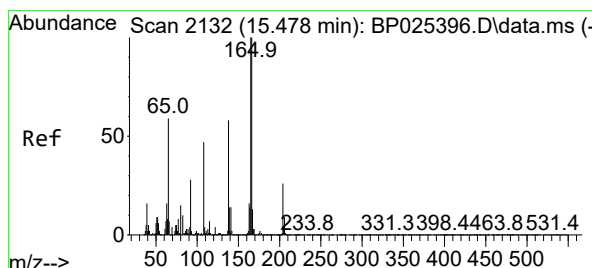
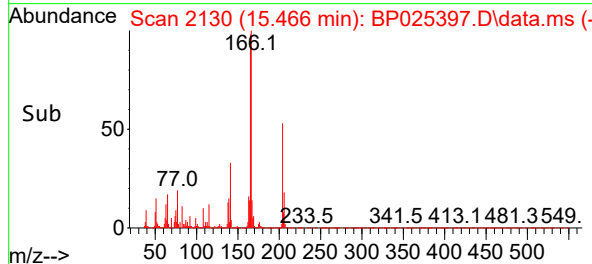
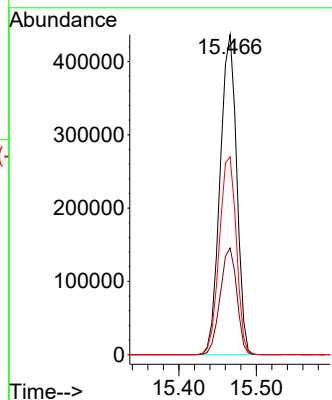
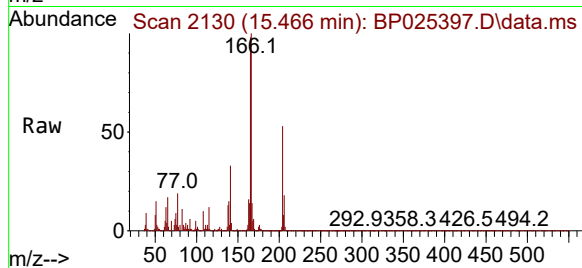
#61
4-Chlorophenyl-phenylether
Concen: 50.647 ng
RT: 15.466 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 65010
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.8
141 61.8 49.4 74.2

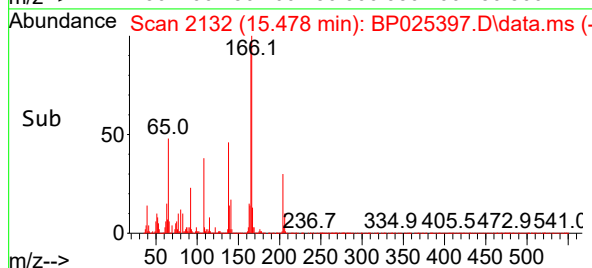
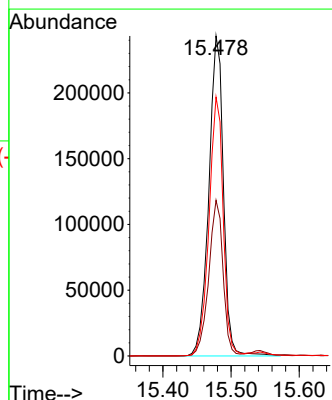
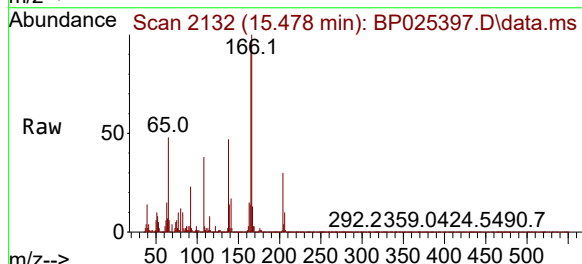
Manual Integrations
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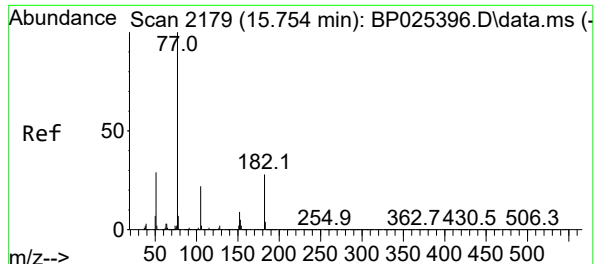
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#62
4-Nitroaniline
Concen: 54.278 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

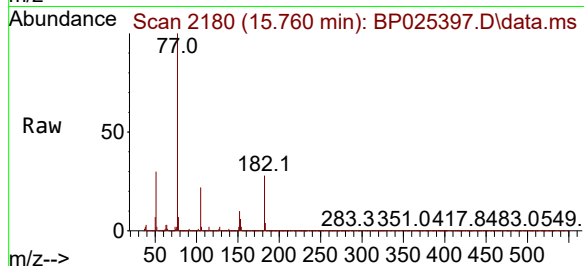
Tgt Ion:138 Resp: 364030
Ion Ratio Lower Upper
138 100
92 48.6 29.1 69.1
108 80.9 61.5 101.5





#63
Azobenzene
Concen: 52.602 ng
RT: 15.760 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

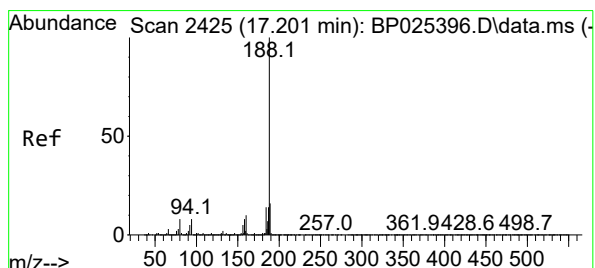
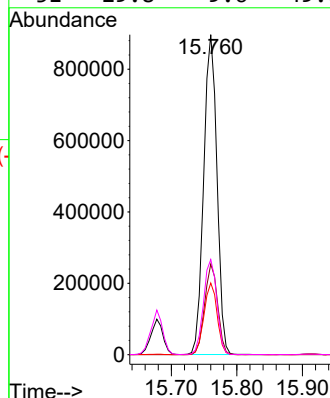
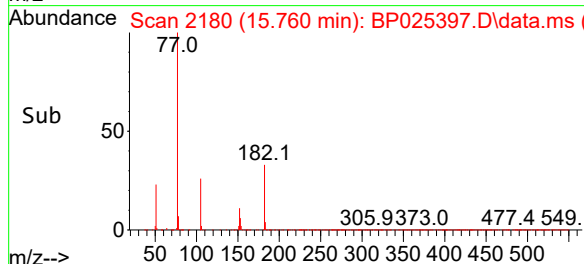
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 1262570
Ion Ratio Lower Upper
77 100
182 28.3 7.5 47.5
105 22.4 2.1 42.1
51 29.8 9.6 49.6

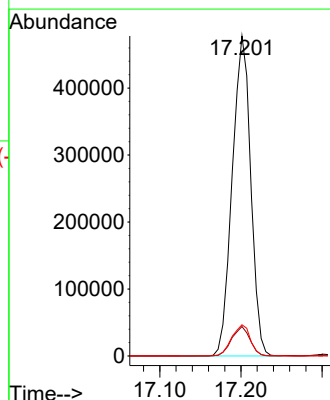
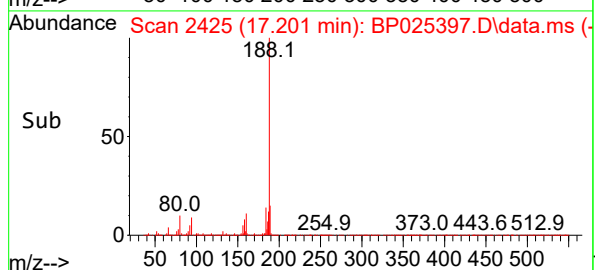
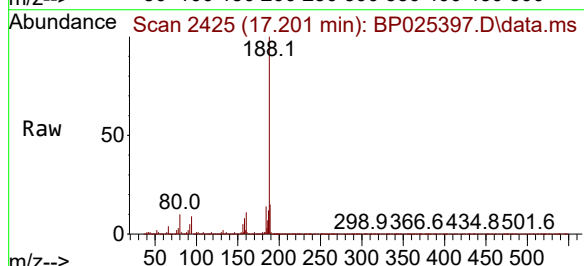
Manual Integrations
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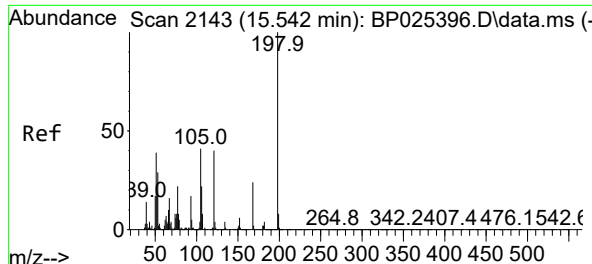
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

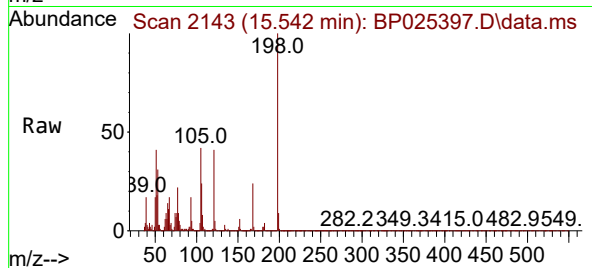
Tgt Ion:188 Resp: 753705
Ion Ratio Lower Upper
188 100
94 9.2 6.6 10.0
80 9.8 6.7 10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 55.792 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

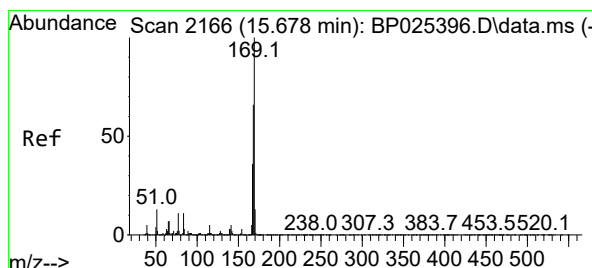
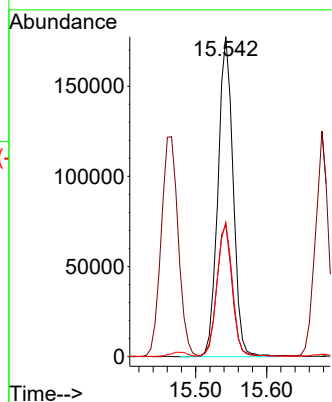
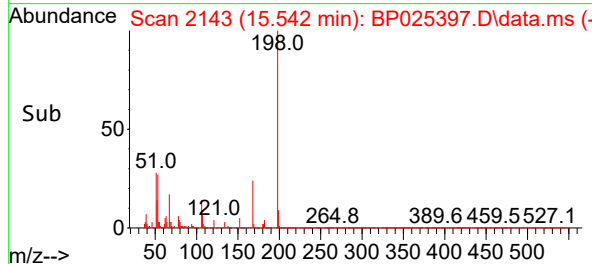
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:198 Resp: 262120
Ion Ratio Lower Upper
198 100
51 41.2 19.6 59.6
105 42.0 20.9 60.9

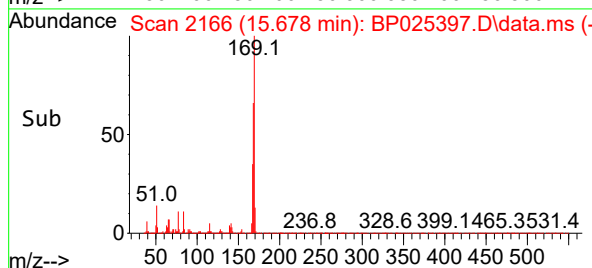
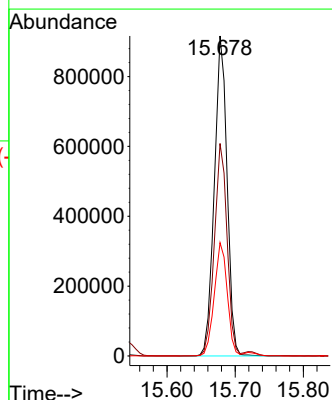
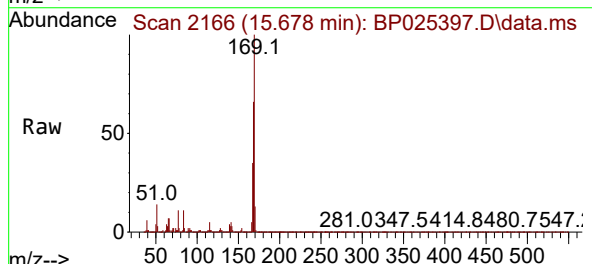
Manual Integrations
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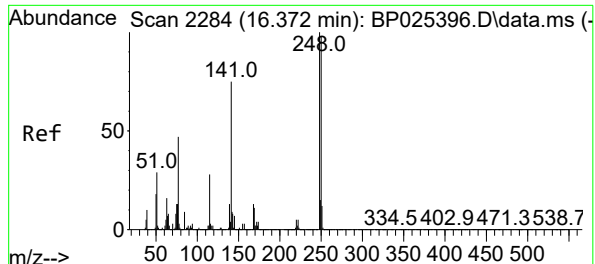
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 51.997 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

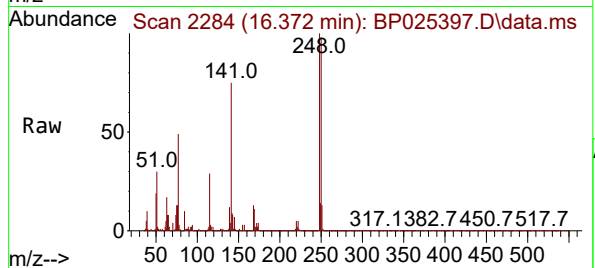
Tgt Ion:169 Resp: 1195077
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 35.4 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 52.325 ng
RT: 16.372 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

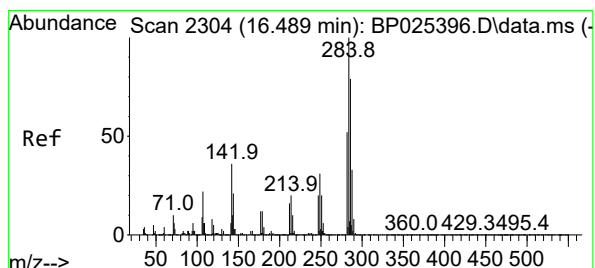
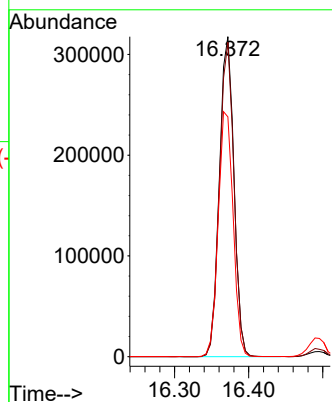
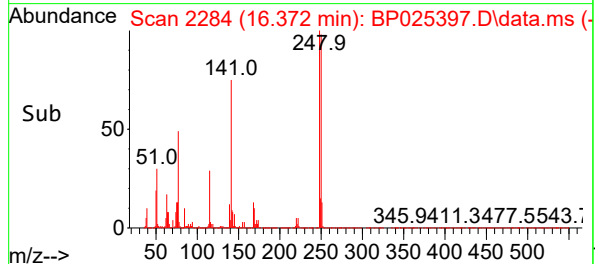
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:248 Resp: 433740
Ion Ratio Lower Upper
248 100
250 98.3 78.2 117.2
141 75.0 59.6 89.4

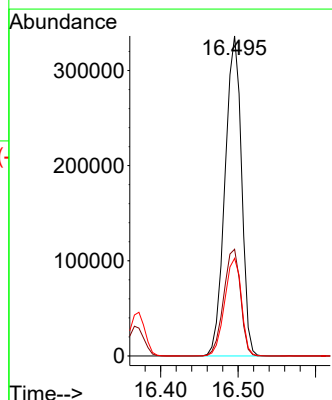
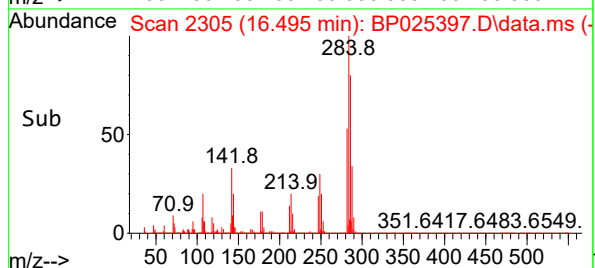
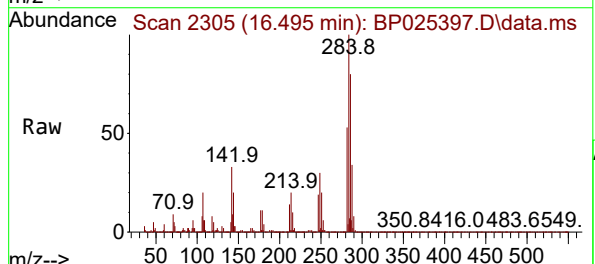
Manual Integrations
APPROVED

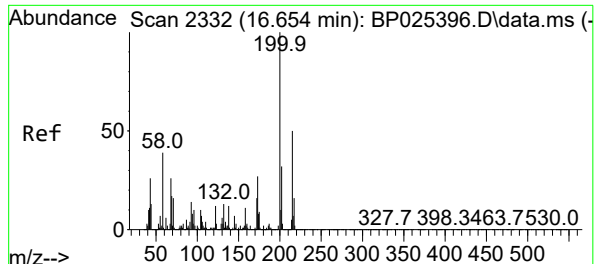
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#68
Hexachlorobenzene
Concen: 51.816 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

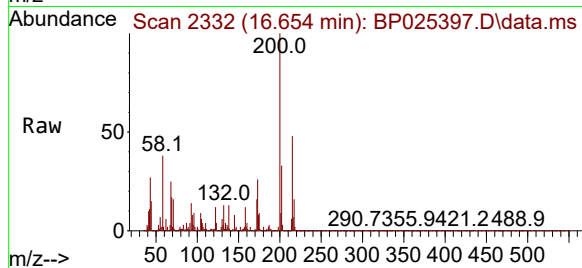
Tgt Ion:284 Resp: 497906
Ion Ratio Lower Upper
284 100
142 33.3 29.1 43.7
249 30.5 25.0 37.4





#69
Atrazine
Concen: 52.479 ng
RT: 16.654 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

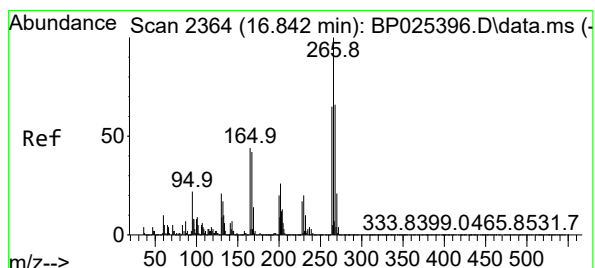
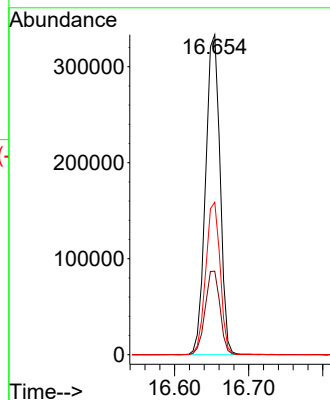
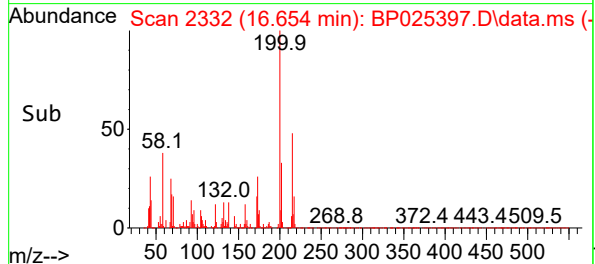
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



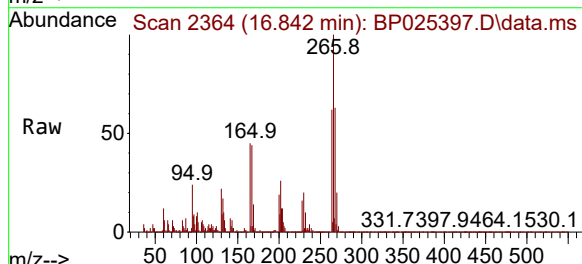
Tgt Ion:200 Resp: 451704
Ion Ratio Lower Upper
200 100
173 26.1 6.7 46.7
215 47.7 29.7 69.7

Manual Integrations
APPROVED

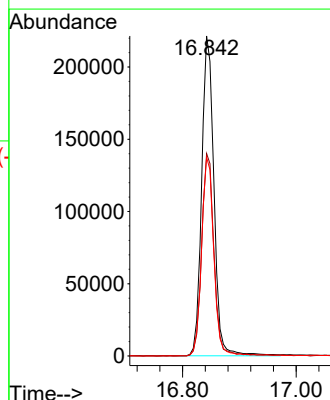
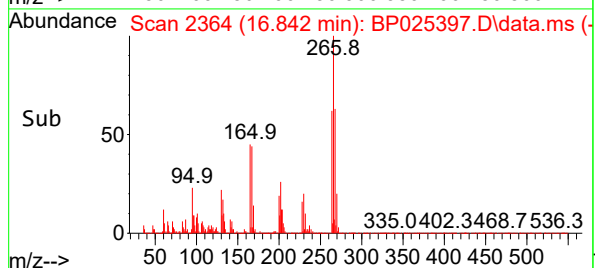
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

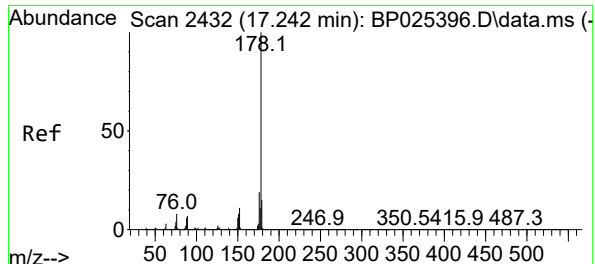


#70
Pentachlorophenol
Concen: 54.872 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01



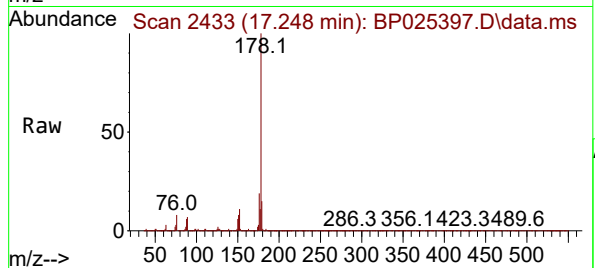
Tgt Ion:266 Resp: 332839
Ion Ratio Lower Upper
266 100
268 63.2 52.6 79.0
264 62.1 52.0 78.0





#71
Phenanthrene
Concen: 51.673 ng
RT: 17.248 min Scan# 2432
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

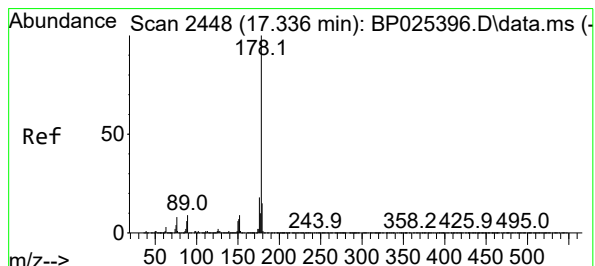
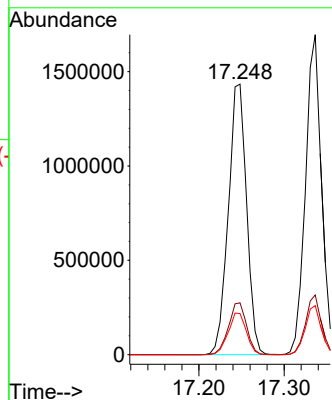
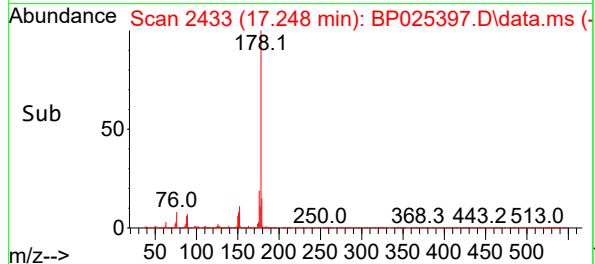
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:178 Resp: 213943
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.2 12.2 18.4

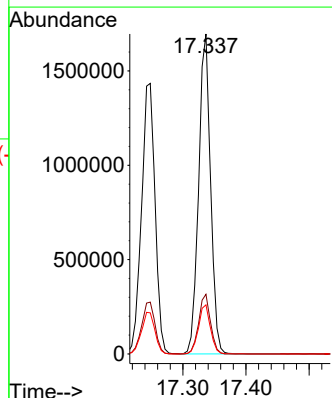
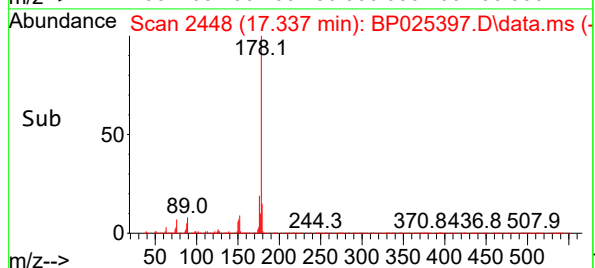
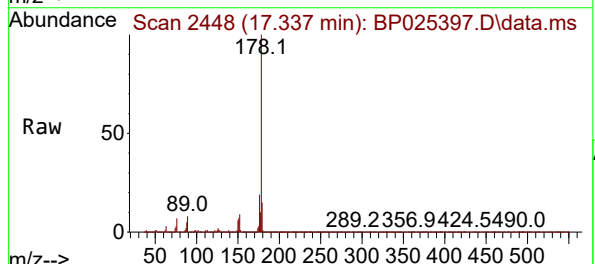
Manual Integrations
APPROVED

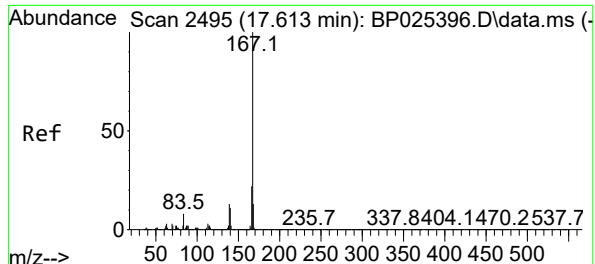
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 52.385 ng
RT: 17.337 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

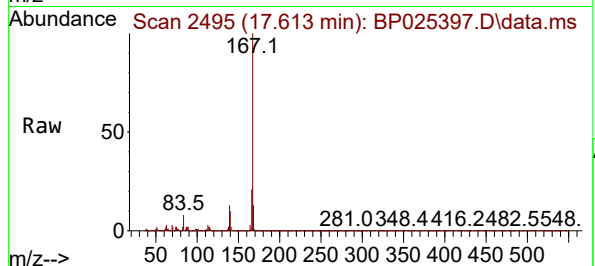
Tgt Ion:178 Resp: 2214911
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.4 12.2 18.2





#73
Carbazole
Concen: 52.559 ng
RT: 17.613 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

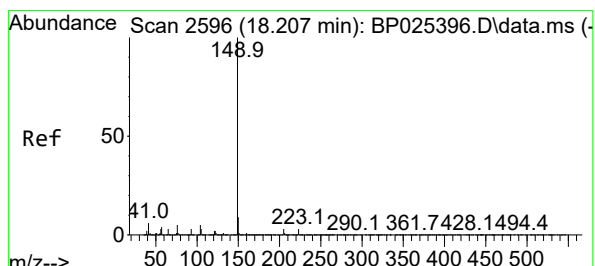
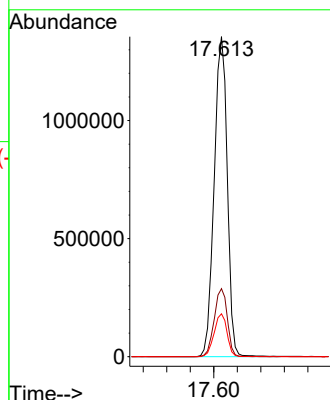
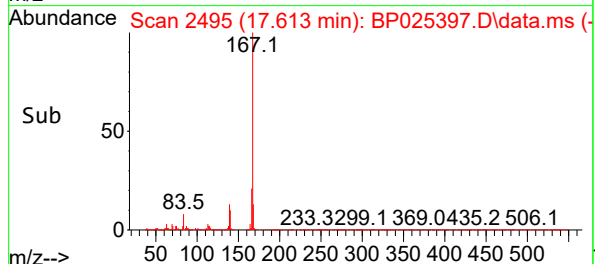
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



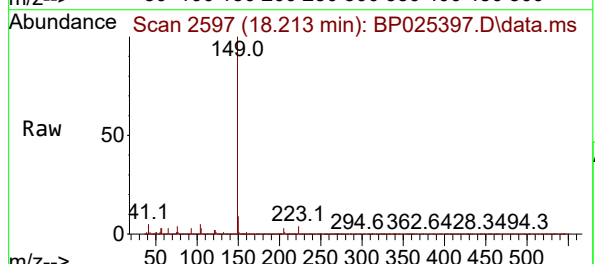
Tgt Ion:167 Resp: 209317
Ion Ratio Lower Upper
167 100
166 21.2 17.5 26.3
139 13.4 10.6 16.0

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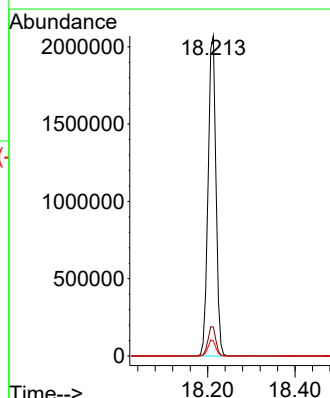
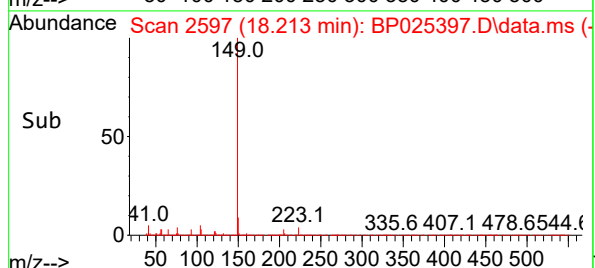
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

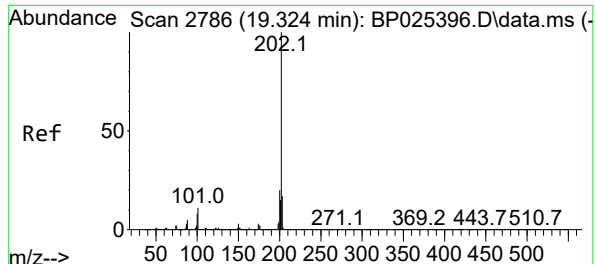


#74
Di-n-butylphthalate
Concen: 52.849 ng
RT: 18.213 min Scan# 2597
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01



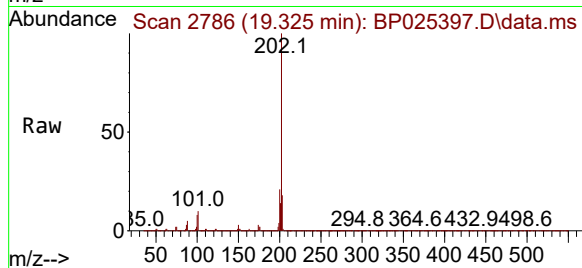
Tgt Ion:149 Resp: 2589522
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 4.7 4.2 6.2





#75
Fluoranthene
Concen: 51.910 ng
RT: 19.325 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

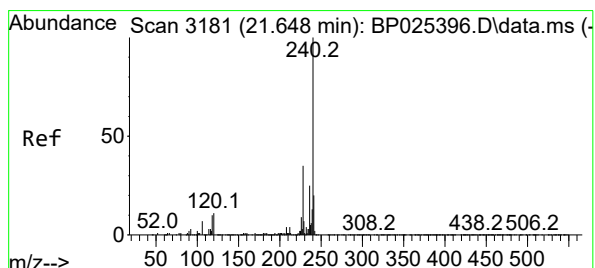
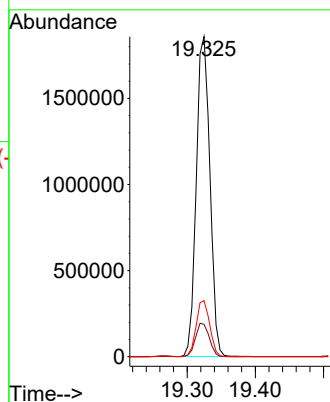
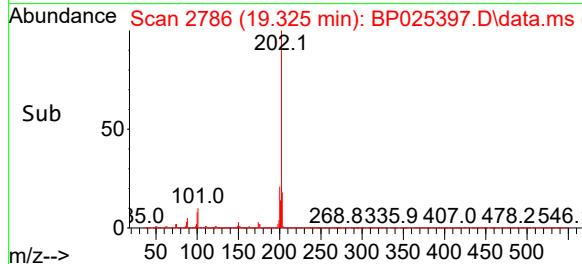
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 256370
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.1
203 17.5 0.0 37.3

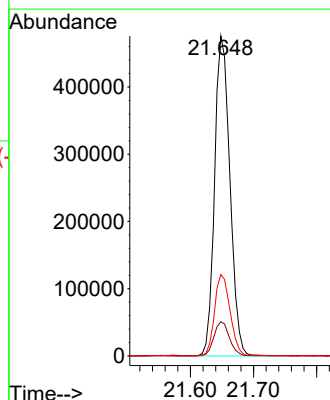
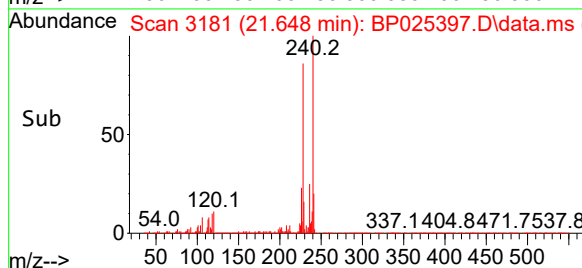
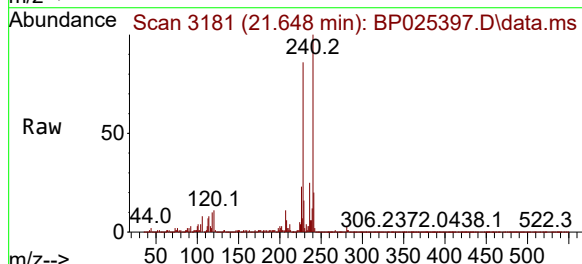
Manual Integrations
APPROVED

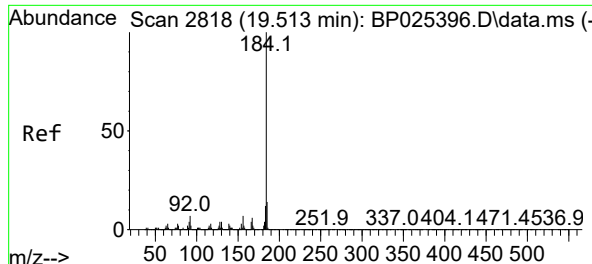
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

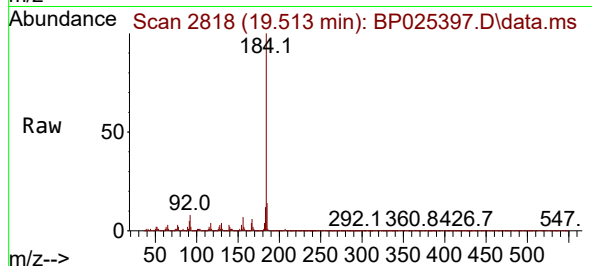
Tgt Ion:240 Resp: 801742
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 25.5 19.8 29.8





#77
Benzidine
Concen: 48.615 ng
RT: 19.513 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

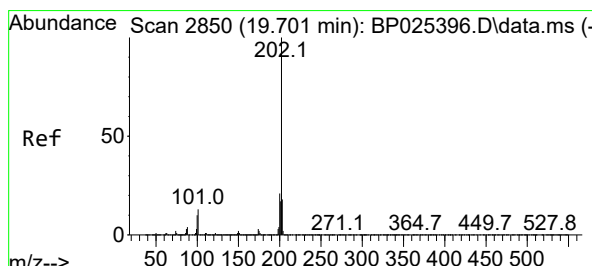
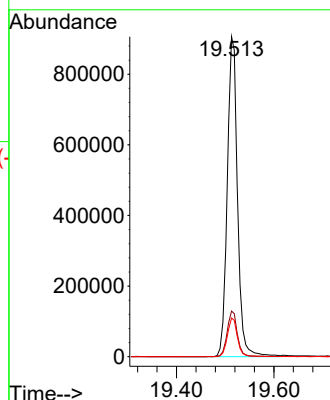
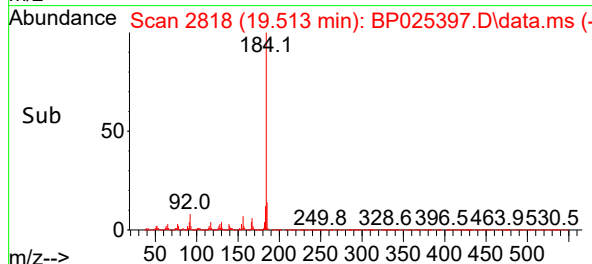
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:184 Resp: 1330198
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 12.1 9.4 14.2

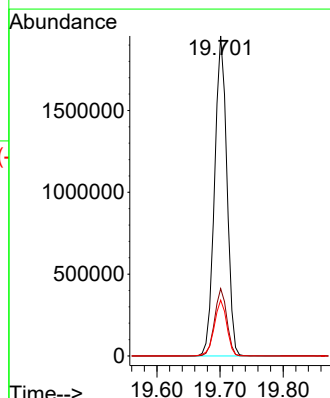
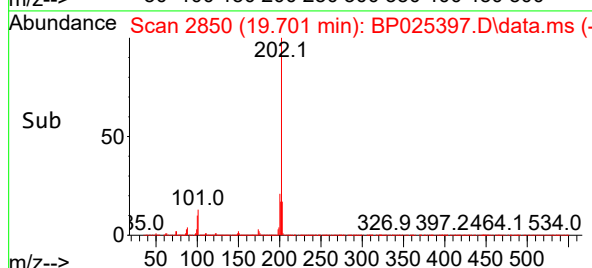
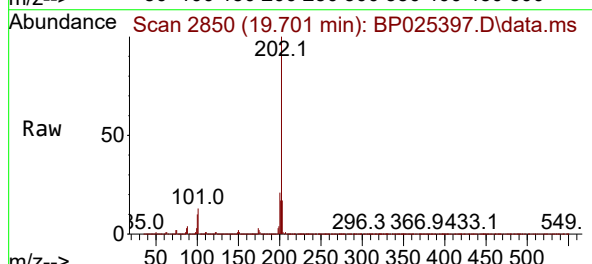
Manual Integrations
APPROVED

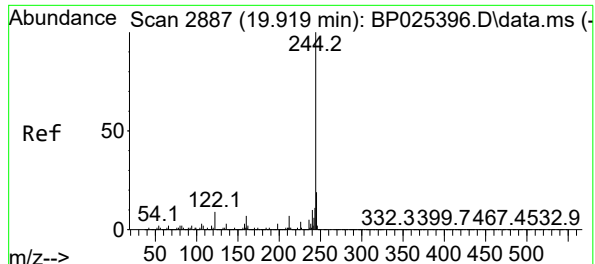
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 50.754 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

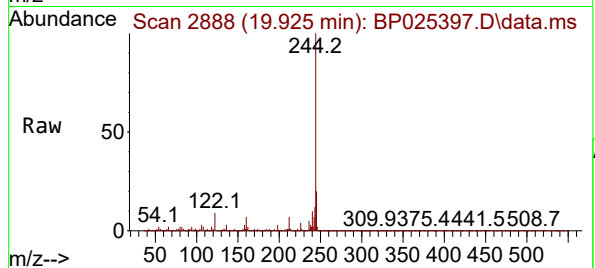
Tgt Ion:202 Resp: 2644850
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.4 14.2 21.2





#79
Terphenyl-d14
Concen: 100.615 ng
RT: 19.925 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

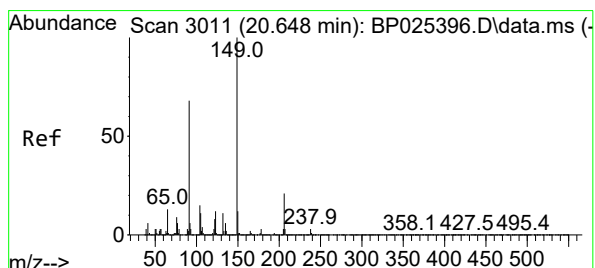
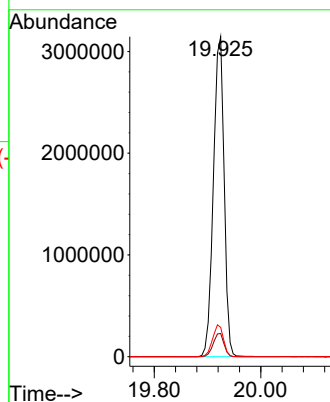
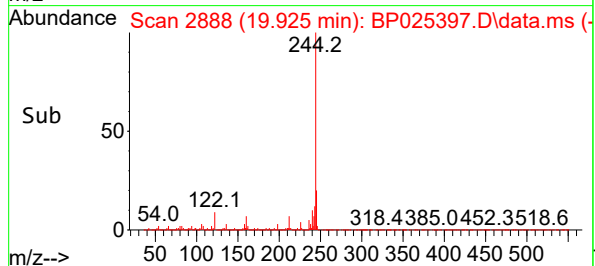
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:244 Resp: 4409094
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.2 7.4 11.2

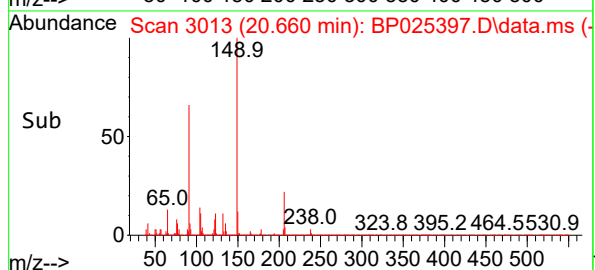
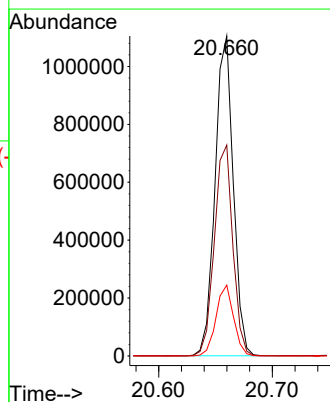
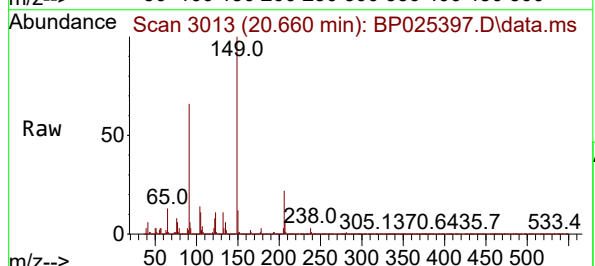
Manual Integrations
APPROVED

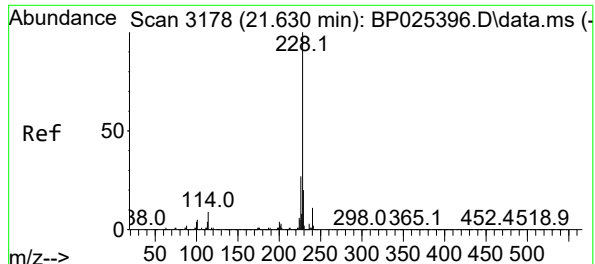
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#80
Butylbenzylphthalate
Concen: 52.139 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

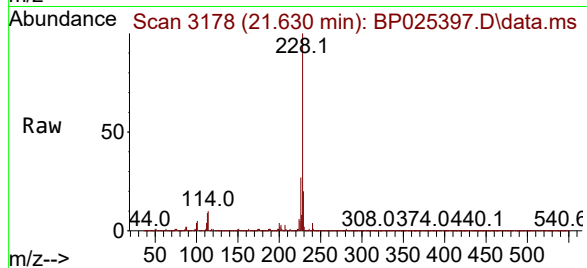
Tgt Ion:149 Resp: 1231376
Ion Ratio Lower Upper
149 100
91 65.9 54.2 81.2
206 22.2 16.6 24.8





#81
Benzo(a)anthracene
Concen: 51.499 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

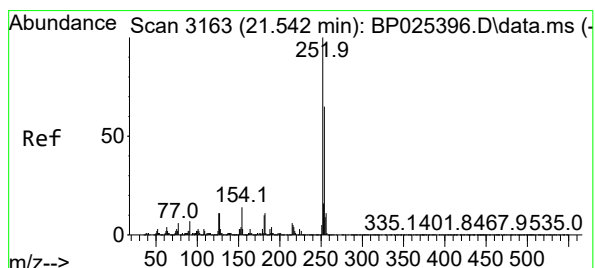
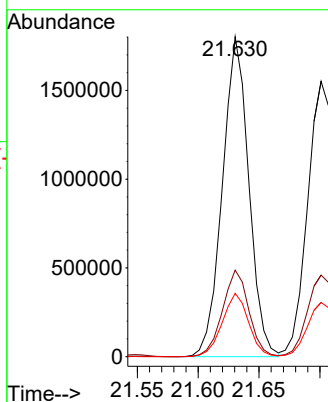
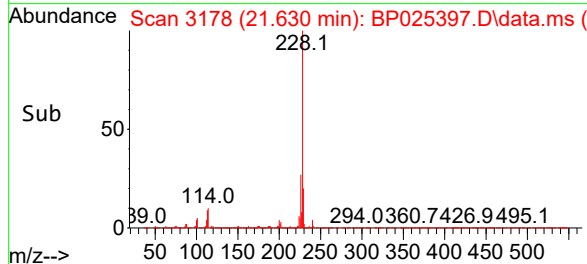
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



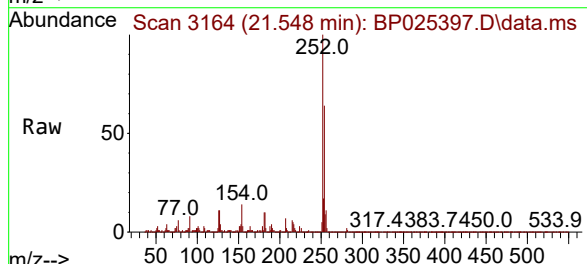
Tgt Ion:228 Resp: 2723000
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.8 15.6 23.4

Manual Integrations
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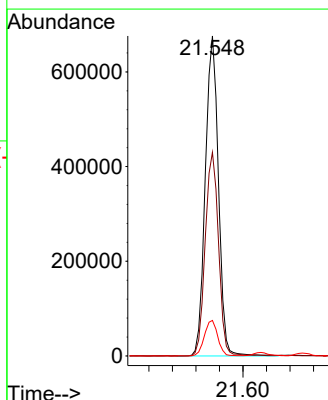
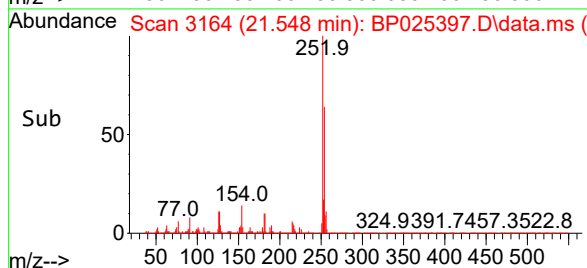
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

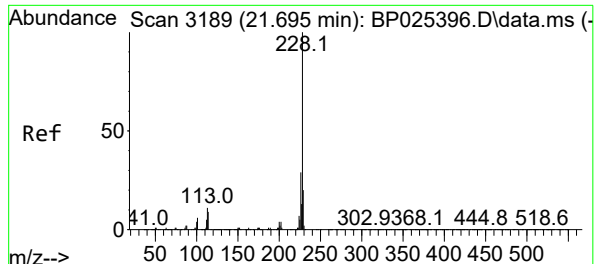


#82
3,3'-Dichlorobenzidine
Concen: 52.357 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01



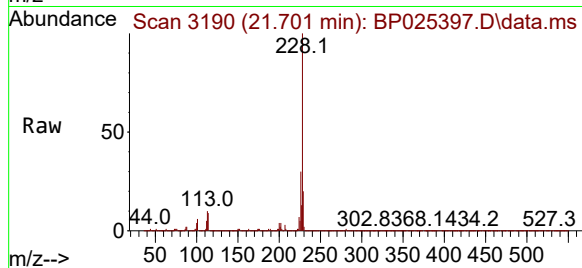
Tgt Ion:252 Resp: 1043476
Ion Ratio Lower Upper
252 100
254 63.7 51.8 77.6
126 11.1 9.1 13.7





#83
Chrysene
Concen: 51.817 ng
RT: 21.701 min Scan# 3189
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

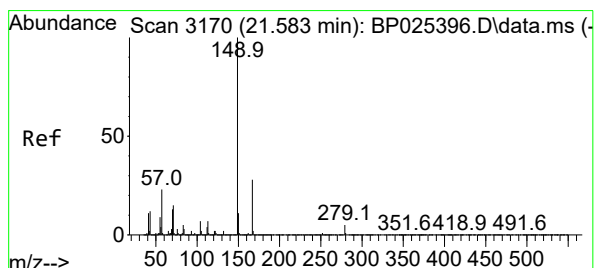
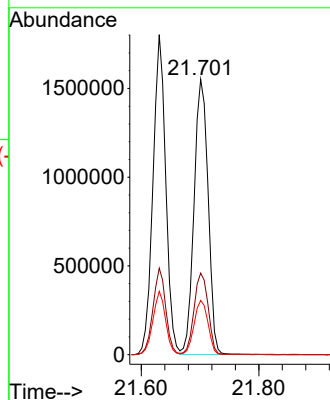
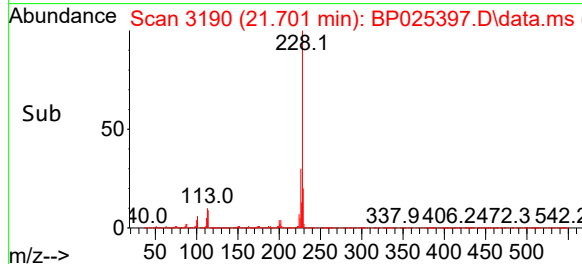
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 2565850
Ion Ratio Lower Upper
228 100
226 29.6 23.2 34.8
229 19.7 15.6 23.4

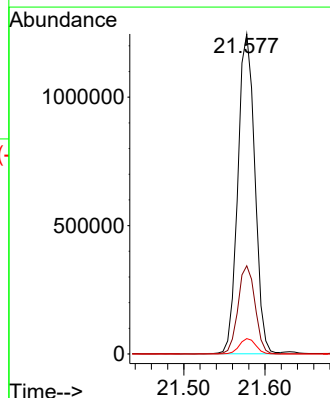
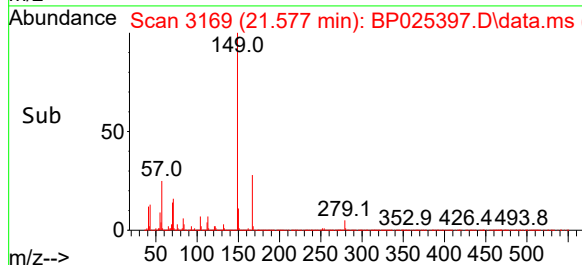
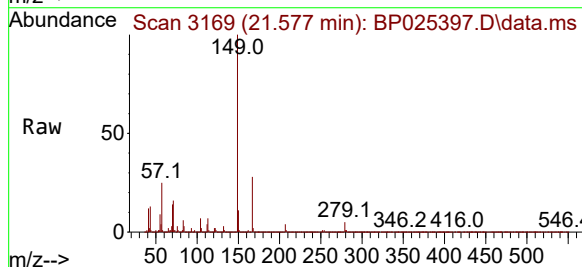
Manual Integrations
APPROVED

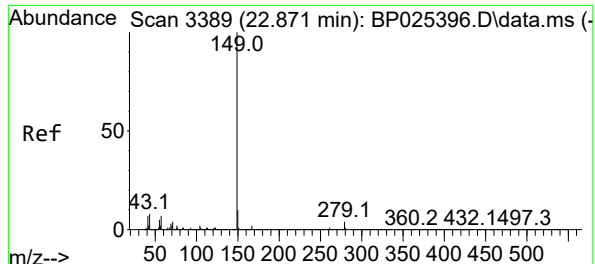
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.933 ng
RT: 21.577 min Scan# 3169
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

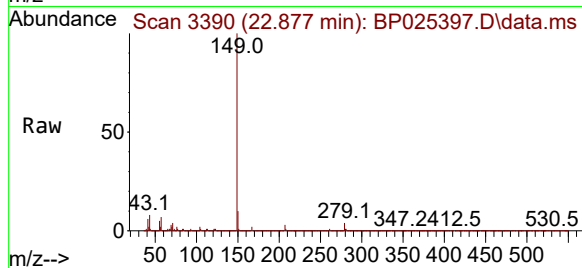
Tgt Ion:149 Resp: 1805478
Ion Ratio Lower Upper
149 100
167 27.6 22.1 33.1
279 4.8 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 52.690 ng
RT: 22.877 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

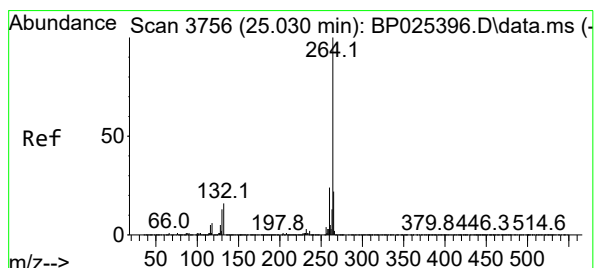
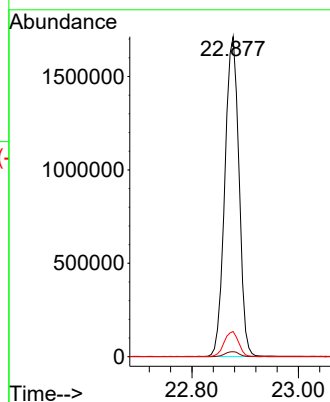
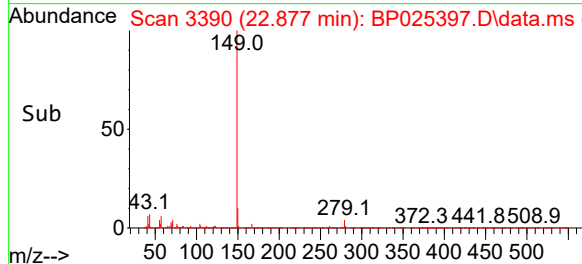
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 3150824
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.3 9.5

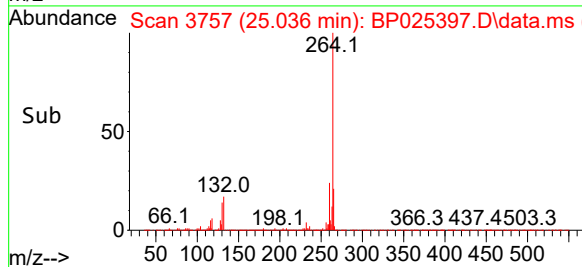
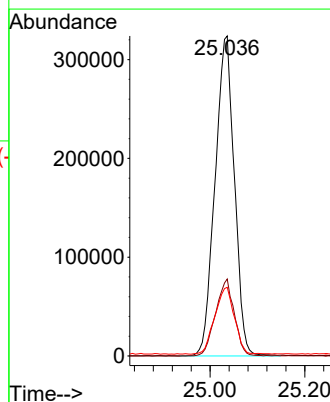
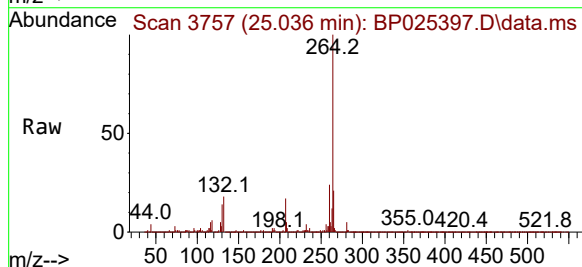
Manual Integrations
APPROVED

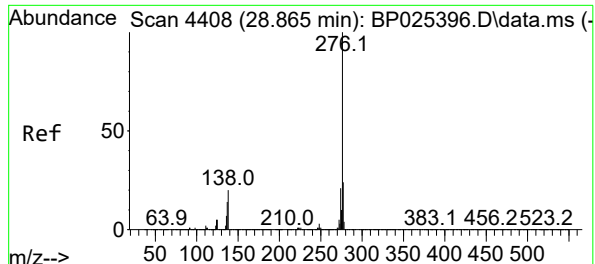
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:264 Resp: 918939
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.463 ng m

RT: 28.859 min Scan# 4408

Delta R.T. -0.006 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:276 Resp: 3604179

Ion Ratio Lower Upper

276 100

138 8.3 12.9 19.3

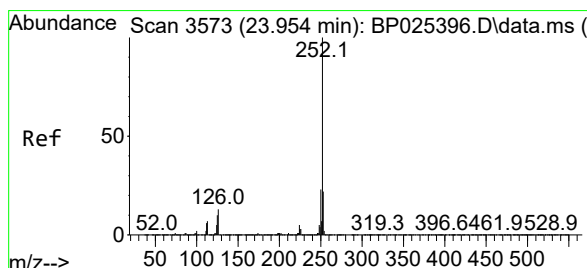
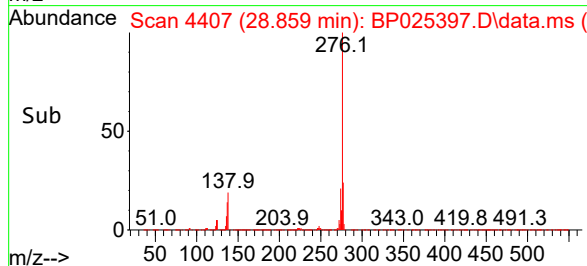
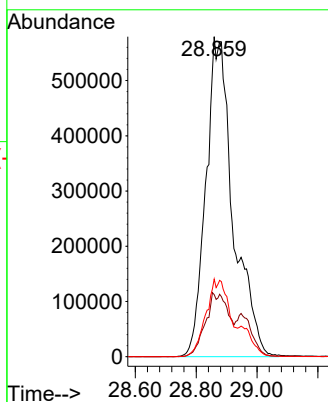
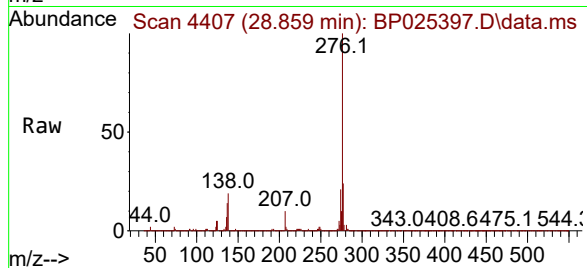
277 9.7 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#88

Benzo(b)fluoranthene

Concen: 52.982 ng

RT: 23.960 min Scan# 3574

Delta R.T. 0.006 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

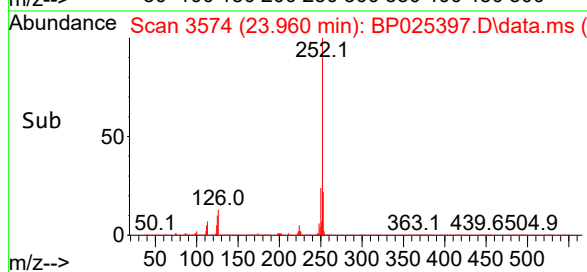
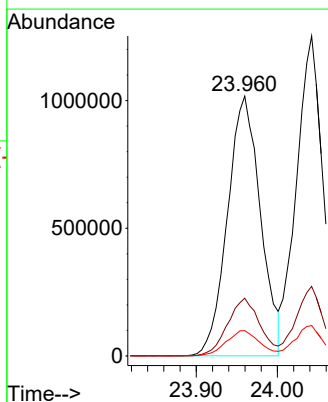
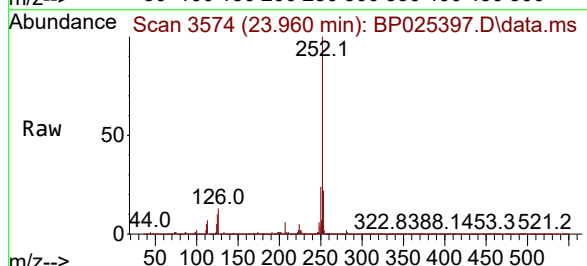
Tgt Ion:252 Resp: 2870971

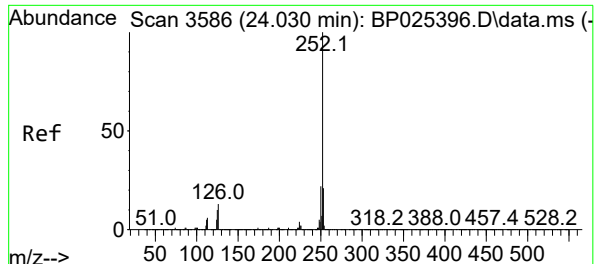
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 51.956 ng

RT: 24.042 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 2817270

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

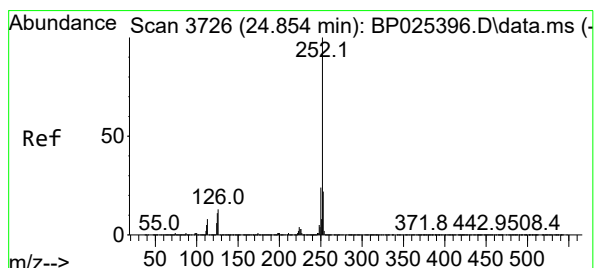
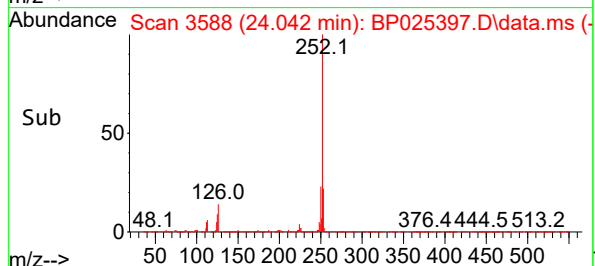
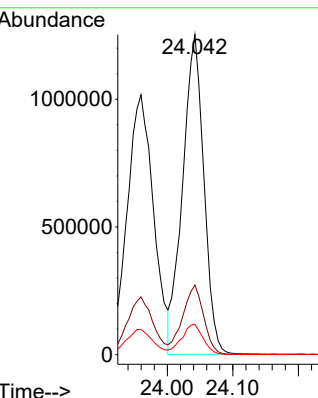
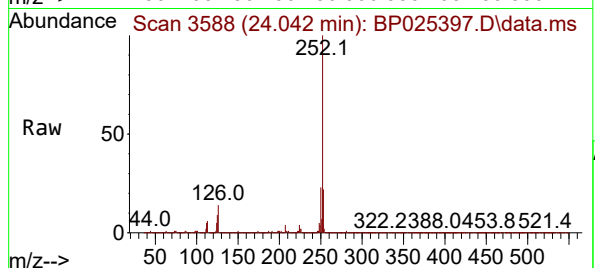
125 9.5 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 53.100 ng

RT: 24.877 min Scan# 3730

Delta R.T. 0.024 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

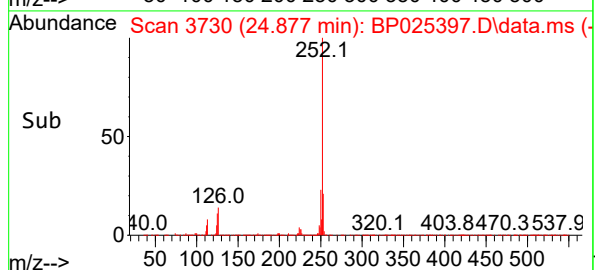
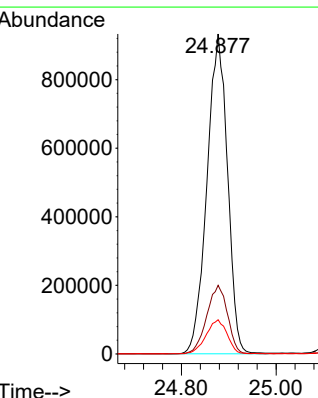
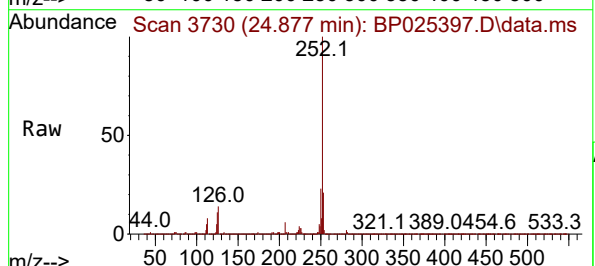
Tgt Ion:252 Resp: 2800880

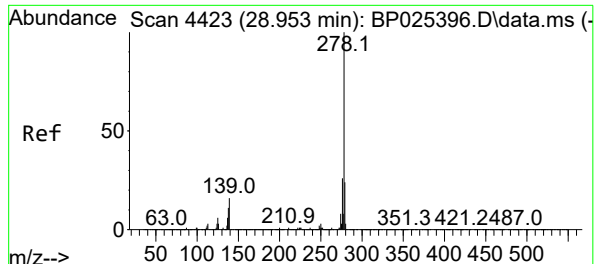
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

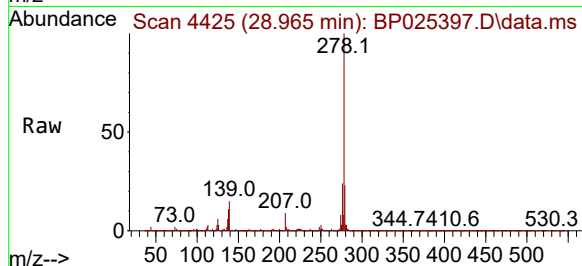
125 10.7 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 53.795 ng
RT: 28.965 min Scan# 4423
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

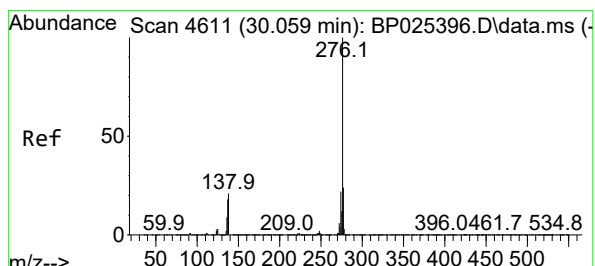
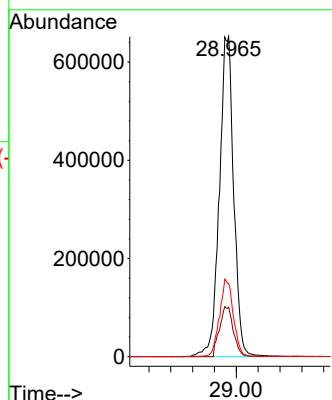
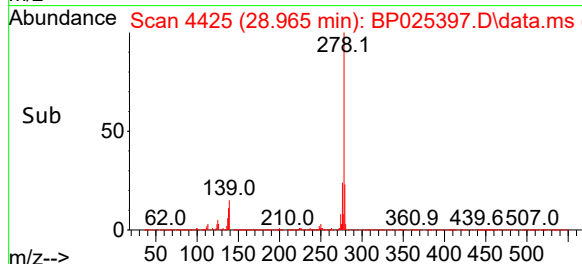
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 278 Resp: 296262
Ion Ratio Lower Upper
278 100
139 15.5 13.0 19.4
279 22.9 19.4 29.2

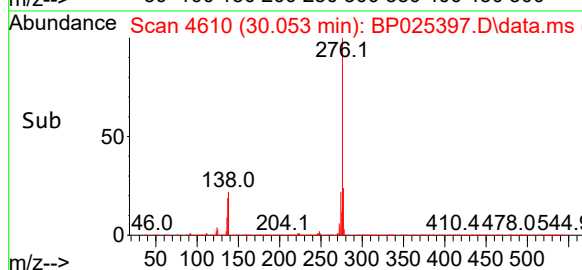
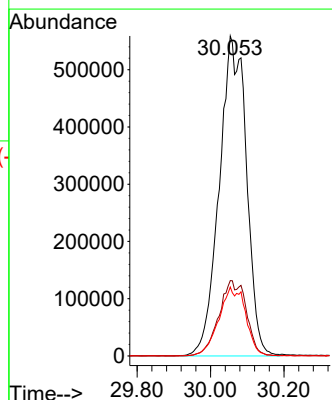
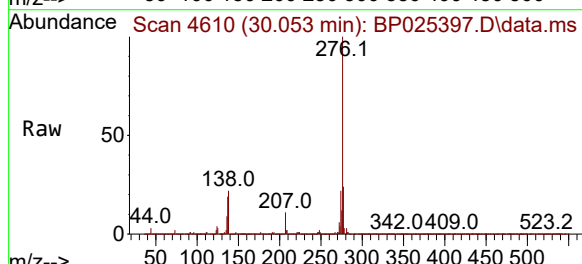
Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 52.960 ng m
RT: 30.053 min Scan# 4610
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 276 Resp: 2866689
Ion Ratio Lower Upper
276 100
277 23.5 19.4 29.0
138 21.6 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025398.D
 Acq On : 14 Aug 2025 16:42
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Quant Time: Aug 14 17:58:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	162248	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	693237	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	460439	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	923402	20.000	ng	0.01
76) Chrysene-d12	21.666	240	926019	20.000	ng	0.02
86) Perylene-d12	25.042	264	1081163	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1193329	122.144	ng	0.00
7) Phenol-d6	6.972	99	1566626	125.072	ng	0.00
23) Nitrobenzene-d5	8.931	82	1698557	123.944	ng	0.00
42) 2,4,6-Tribromophenol	15.925	330	760738	122.748	ng	0.01
45) 2-Fluorobiphenyl	13.025	172	3963871	117.656	ng	0.00
79) Terphenyl-d14	19.930	244	5896004	116.490	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.337	88	225015	58.799	ng	99
3) Pyridine	3.731	79	623639	59.539	ng	97
4) n-Nitrosodimethylamine	3.637	42	269971	62.518	ng	100
6) Aniline	7.125	93	1053232	62.408	ng	99
8) 2-Chlorophenol	7.366	128	688094	62.413	ng	100
9) Benzaldehyde	6.943	77	489205	55.745	ng	97
10) Phenol	7.002	94	821863	62.530	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	634374	61.925	ng	99
12) 1,3-Dichlorobenzene	7.684	146	744884	61.273	ng	99
13) 1,4-Dichlorobenzene	7.825	146	751354	60.469	ng	100
14) 1,2-Dichlorobenzene	8.143	146	723663	60.165	ng	99
15) Benzyl Alcohol	8.025	79	627198	63.019	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.313	45	846896	61.712	ng	99
17) 2-Methylphenol	8.225	107	579471	63.480	ng	99
18) Hexachloroethane	8.866	117	281129	61.535	ng	95
19) n-Nitroso-di-n-propyla...	8.590	70	507223	61.060	ng	98
20) 3+4-Methylphenols	8.555	107	798107	63.075	ng	96
22) Acetophenone	8.602	105	1051848	60.503	ng	# 99
24) Nitrobenzene	8.978	77	752762	61.461	ng	98
25) Isophorone	9.502	82	1475193	60.825	ng	99
26) 2-Nitrophenol	9.678	139	405821	64.564	ng	98
27) 2,4-Dimethylphenol	9.743	122	675186	62.463	ng	100
28) bis(2-Chloroethoxy)met...	9.972	93	894872	61.040	ng	99
29) 2,4-Dichlorophenol	10.213	162	673952	62.764	ng	99
30) 1,2,4-Trichlorobenzene	10.425	180	715954	60.823	ng	98
31) Naphthalene	10.613	128	2187912	60.722	ng	100
32) Benzoic acid	9.907	122	530609	66.651	ng	98
33) 4-Chloroaniline	10.713	127	993155	62.401	ng	99
34) Hexachlorobutadiene	10.901	225	442929	60.421	ng	100
35) Caprolactam	11.513	113	241521	61.340	ng	95
36) 4-Chloro-3-methylphenol	11.843	107	764338	62.033	ng	98
37) 2-Methylnaphthalene	12.219	142	1418882	60.511	ng	99
38) 1-Methylnaphthalene	12.437	142	1494304	59.925	ng	100
40) 1,2,4,5-Tetrachloroben...	12.590	216	802737	60.365	ng	100
41) Hexachlorocyclopentadiene	12.572	237	536440	66.784	ng	99
43) 2,4,6-Trichlorophenol	12.831	196	564165	62.841	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025398.D
 Acq On : 14 Aug 2025 16:42
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Quant Time: Aug 14 17:58:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	619246	62.937	ng	97
46) 1,1'-Biphenyl	13.237	154	1996186	59.695	ng	99
47) 2-Chloronaphthalene	13.272	162	1577577	60.600	ng	99
48) 2-Nitroaniline	13.472	65	485429	63.996	ng	100
49) Acenaphthylene	14.131	152	2634005	61.147	ng	99
50) Dimethylphthalate	13.866	163	2042324	60.572	ng	99
51) 2,6-Dinitrotoluene	13.972	165	446520	62.831	ng	100
52) Acenaphthene	14.478	154	1527191	60.399	ng	100
53) 3-Nitroaniline	14.301	138	506373	63.331	ng	96
54) 2,4-Dinitrophenol	14.519	184	265089	69.849	ng	98
55) Dibenzofuran	14.819	168	2387933	59.734	ng	100
56) 4-Nitrophenol	14.625	139	419801	63.893	ng	99
57) 2,4-Dinitrotoluene	14.778	165	650054	64.112	ng	96
58) Fluorene	15.478	166	1836972	58.236	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.042	232	541317	62.307	ng	100
60) Diethylphthalate	15.254	149	2015888	58.840	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	926280	59.044	ng	99
62) 4-Nitroaniline	15.489	138	510438	62.272	ng	99
63) Azobenzene	15.766	77	1796580	61.242	ng	99
65) 4,6-Dinitro-2-methylph...	15.554	198	385873	67.038	ng	98
66) n-Nitrosodiphenylamine	15.684	169	1674806	59.478	ng	99
67) 4-Bromophenyl-phenylether	16.378	248	616767	60.731	ng	97
68) Hexachlorobenzene	16.501	284	711778	60.461	ng	100
69) Atrazine	16.666	200	633381	60.063	ng	99
70) Pentachlorophenol	16.854	266	474276	63.820	ng	97
71) Phenanthrene	17.260	178	3006132	59.263	ng	100
72) Anthracene	17.342	178	3050794	58.895	ng	99
73) Carbazole	17.625	167	2916606	59.776	ng	99
74) Di-n-butylphthalate	18.219	149	3560427	59.310	ng	100
75) Fluoranthene	19.342	202	3563798	58.899	ng	99
77) Benzidine	19.525	184	1690432	53.489	ng	99
78) Pyrene	19.713	202	3664453	60.883	ng	100
80) Butylbenzylphthalate	20.660	149	1710246	62.697	ng	99
81) Benzo(a)anthracene	21.648	228	3702064	60.619	ng	99
82) 3,3'-Dichlorobenzidine	21.554	252	1405597	61.062	ng	100
83) Chrysene	21.707	228	3453736	60.387	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	2450963	61.038	ng	100
85) Di-n-octyl phthalate	22.883	149	4342211	62.869	ng	100
87) Indeno(1,2,3-cd)pyrene	28.901	276	4937235	62.248	ng	96
88) Benzo(b)fluoranthene	23.960	252	3883465	60.914	ng	99
89) Benzo(k)fluoranthene	24.036	252	3912900	61.334	ng	99
90) Benzo(a)pyrene	24.883	252	3845093	61.959	ng	99
91) Dibenzo(a,h)anthracene	28.977	278	4035414	62.280	ng	98
92) Benzo(g,h,i)perylene	30.083	276	3958545	62.159	ng	100

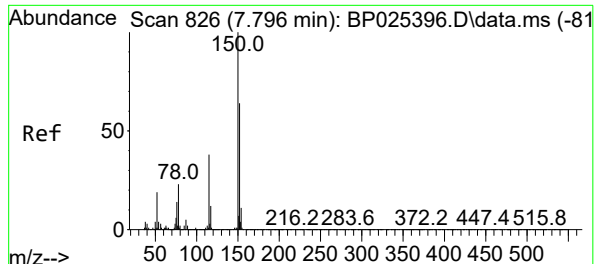
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Abundance

TIC: BP025398.D\data.ms

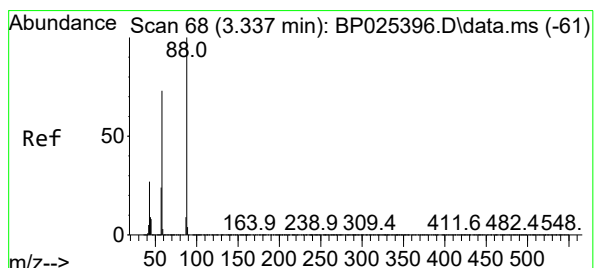
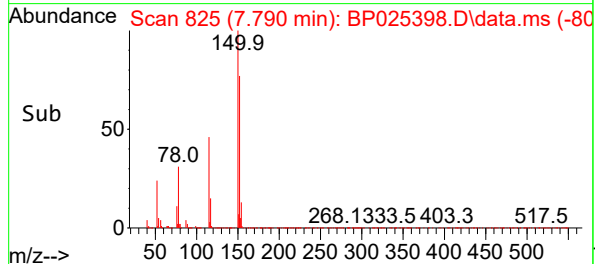
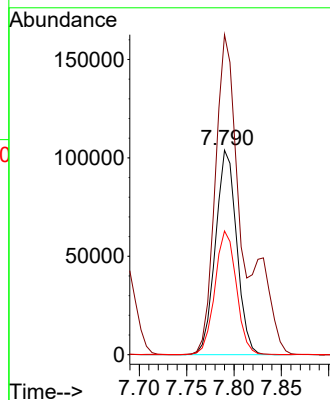
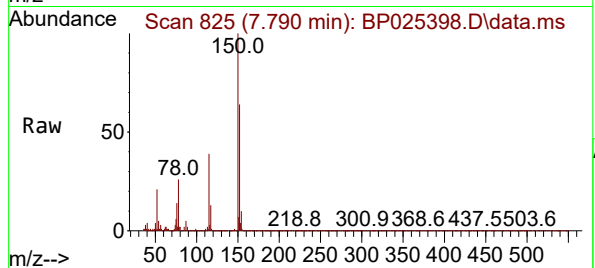
Time-->



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

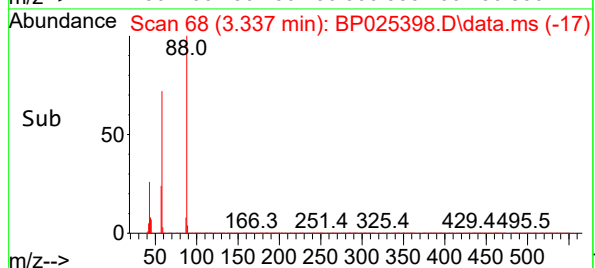
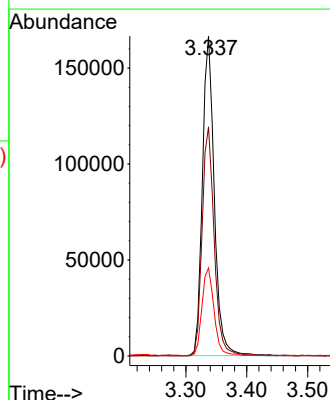
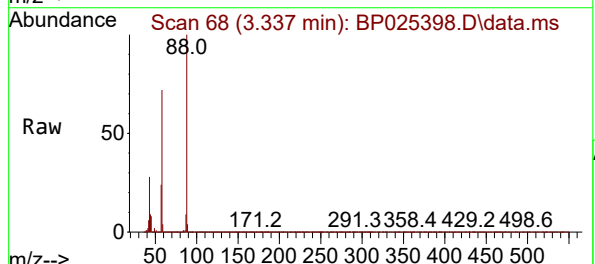
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

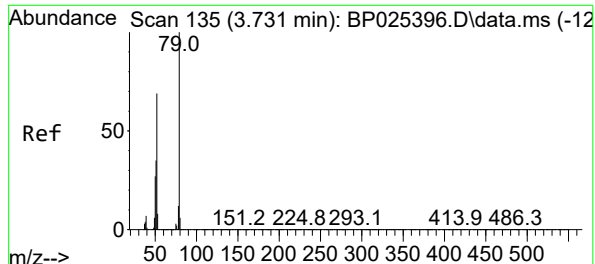
Tgt Ion:152 Resp: 162248
Ion Ratio Lower Upper
152 100
150 156.4 125.9 188.9
115 60.5 48.5 72.7



#2
1,4-Dioxane
Concen: 58.799 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 88 Resp: 225015
Ion Ratio Lower Upper
88 100
58 73.0 59.2 88.8
43 27.9 21.7 32.5





#3

Pyridine

Concen: 59.539 ng

RT: 3.731 min Scan# 119

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

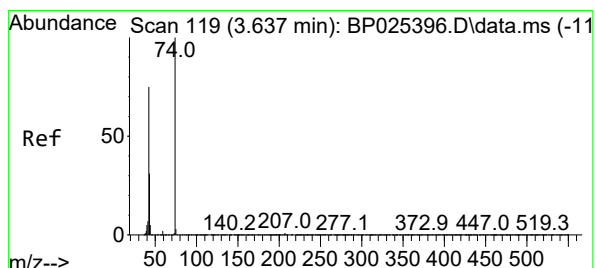
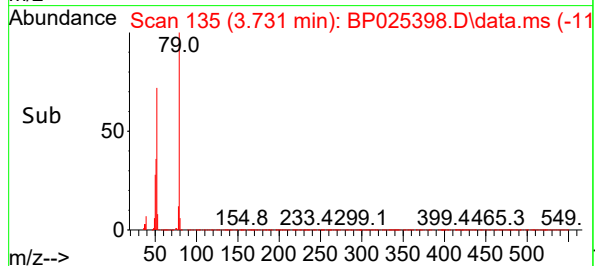
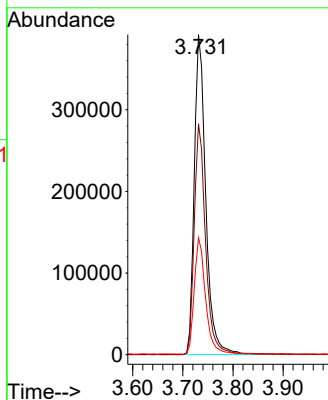
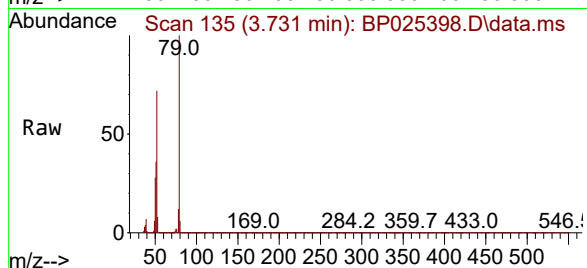
Tgt Ion: 79 Resp: 623639

Ion Ratio Lower Upper

79 100

52 72.1 55.5 83.3

51 36.5 28.3 42.5



#4

n-Nitrosodimethylamine

Concen: 62.518 ng

RT: 3.637 min Scan# 119

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

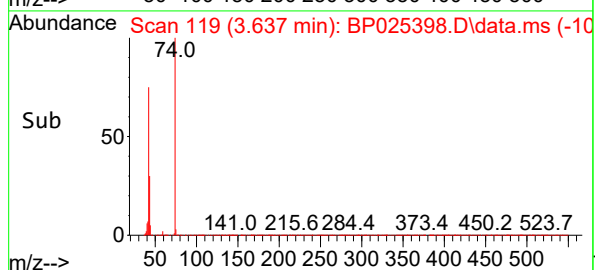
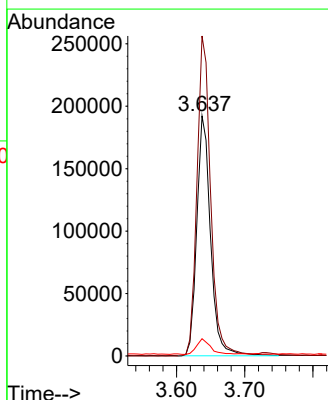
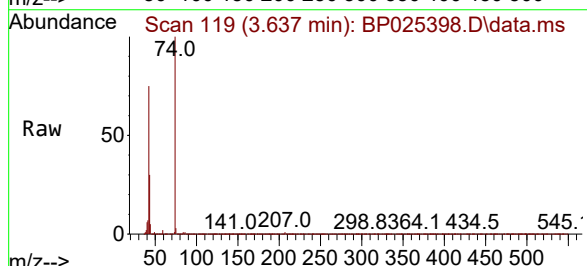
Tgt Ion: 42 Resp: 269971

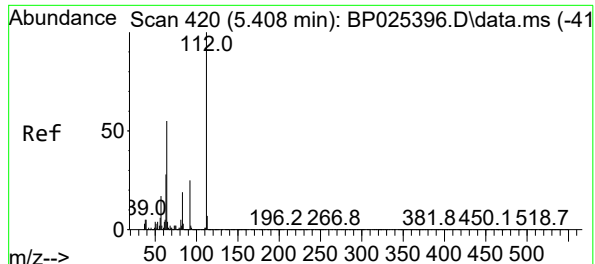
Ion Ratio Lower Upper

42 100

74 133.4 107.0 160.4

44 7.2 6.2 9.4





#5

2-Fluorophenol

Concen: 122.144 ng

RT: 5.408 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

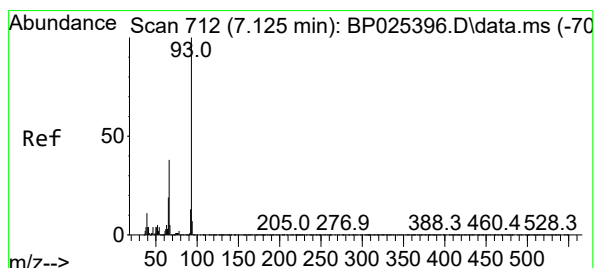
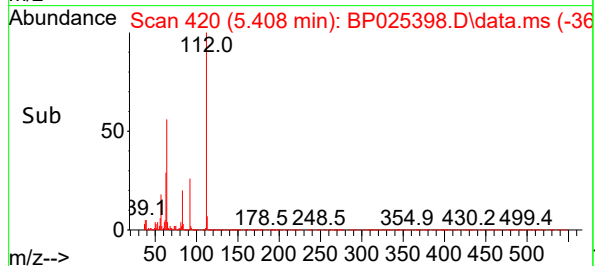
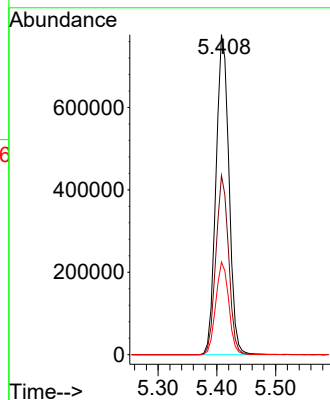
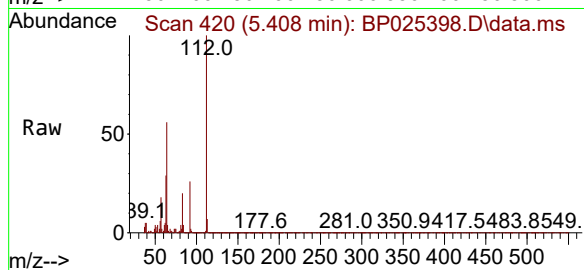
Tgt Ion:112 Resp: 1193329

Ion Ratio Lower Upper

112 100

64 56.0 43.8 65.8

63 29.0 22.7 34.1



#6

Aniline

Concen: 62.408 ng

RT: 7.125 min Scan# 712

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

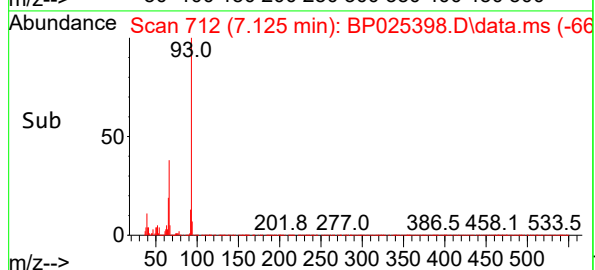
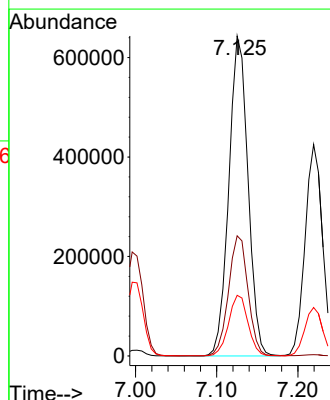
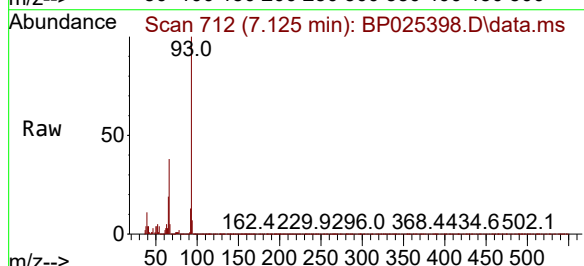
Tgt Ion: 93 Resp: 1053232

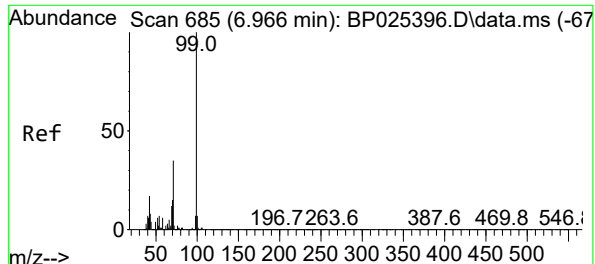
Ion Ratio Lower Upper

93 100

66 37.5 30.4 45.6

65 18.9 15.3 22.9





#7

Phenol-d6

Concen: 125.072 ng

RT: 6.972 min Scan# 685

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

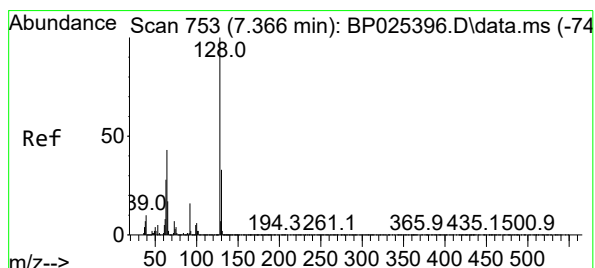
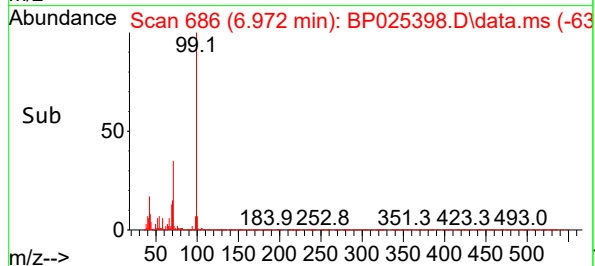
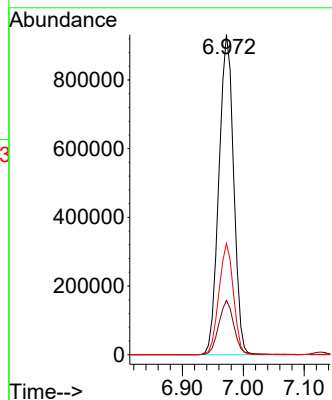
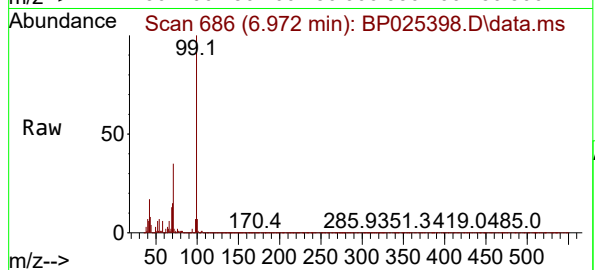
Tgt Ion: 99 Resp: 1566626

Ion Ratio Lower Upper

99 100

42 17.0 13.7 20.5

71 34.8 28.2 42.4



#8

2-Chlorophenol

Concen: 62.413 ng

RT: 7.366 min Scan# 753

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

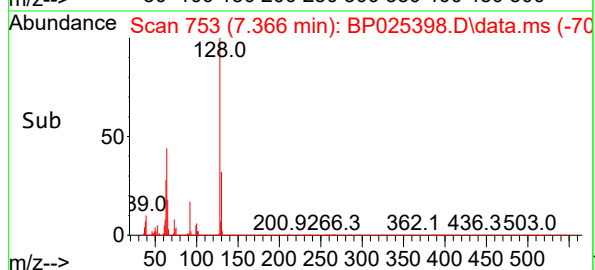
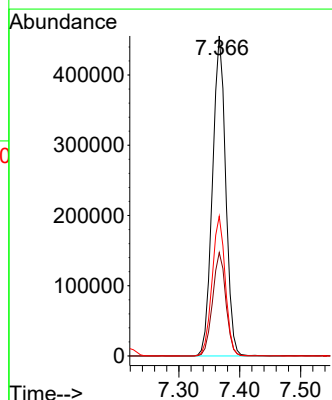
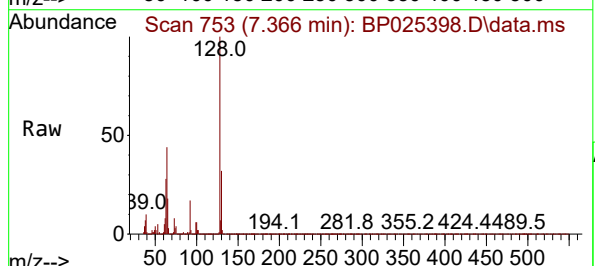
Tgt Ion:128 Resp: 688094

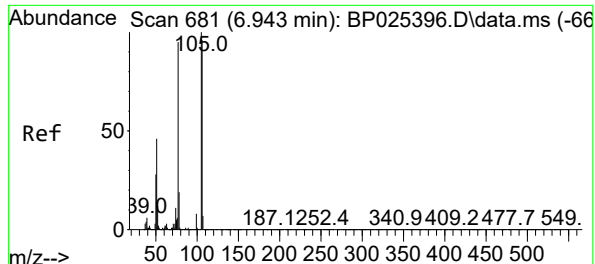
Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

64 43.7 23.4 63.4

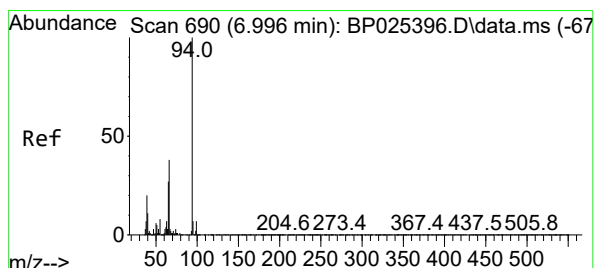
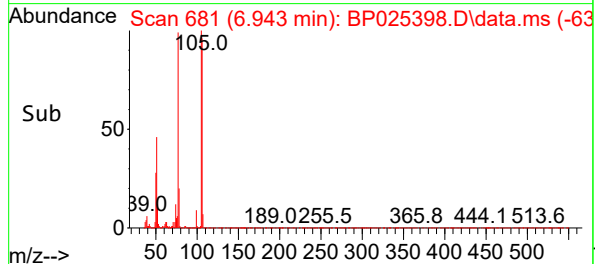
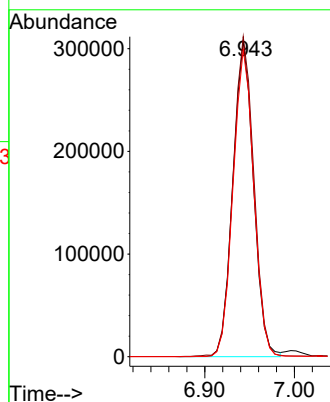
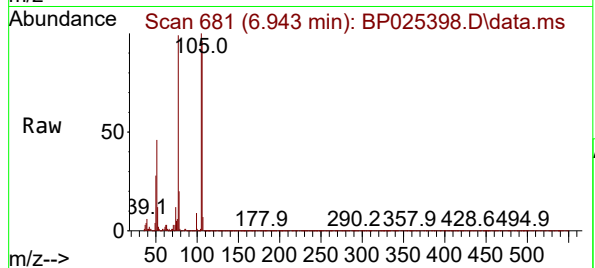




#9
Benzaldehyde
Concen: 55.745 ng
RT: 6.943 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

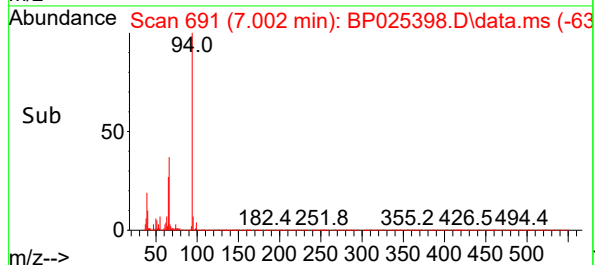
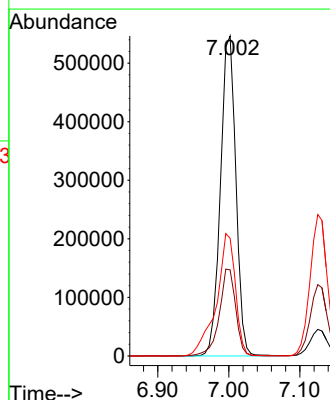
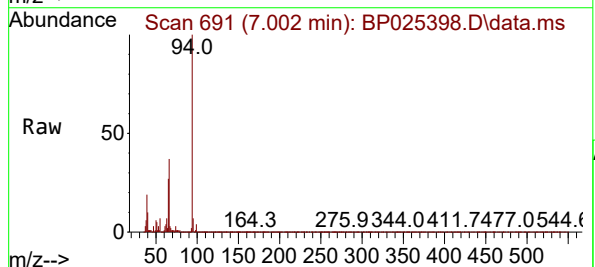
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

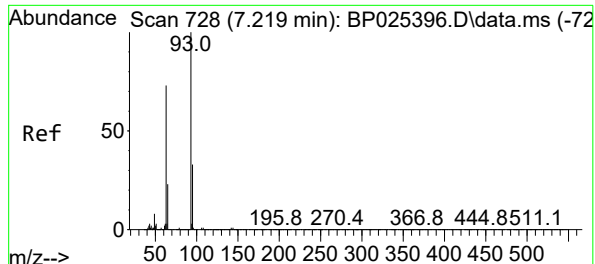
Tgt Ion: 77 Resp: 489205
Ion Ratio Lower Upper
77 100
105 101.4 84.8 124.8
106 97.4 80.5 120.5



#10
Phenol
Concen: 62.530 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 94 Resp: 821863
Ion Ratio Lower Upper
94 100
65 26.9 6.8 46.8
66 36.8 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 61.925 ng

RT: 7.219 min Scan# 728

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

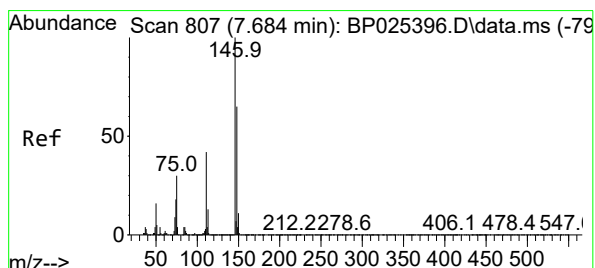
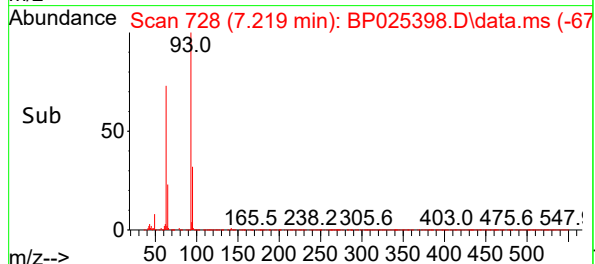
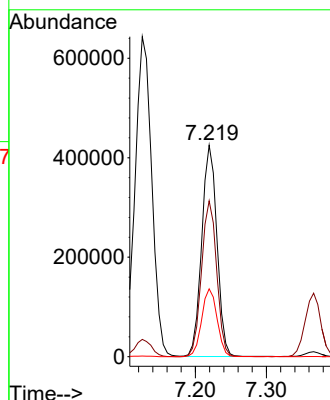
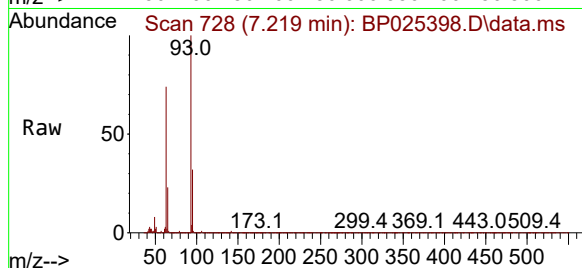
Tgt Ion: 93 Resp: 634374

Ion Ratio Lower Upper

93 100

63 73.6 52.6 92.6

95 32.0 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 61.273 ng

RT: 7.684 min Scan# 807

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

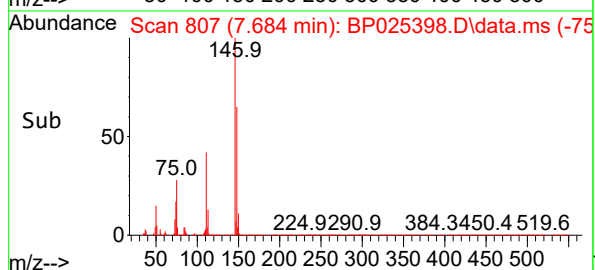
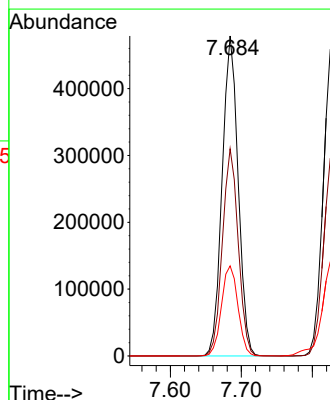
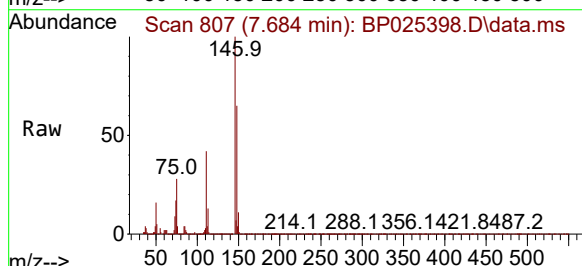
Tgt Ion: 146 Resp: 744884

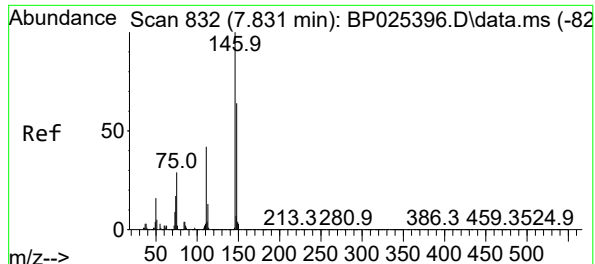
Ion Ratio Lower Upper

146 100

148 64.8 51.9 77.9

75 28.2 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 60.469 ng

RT: 7.825 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

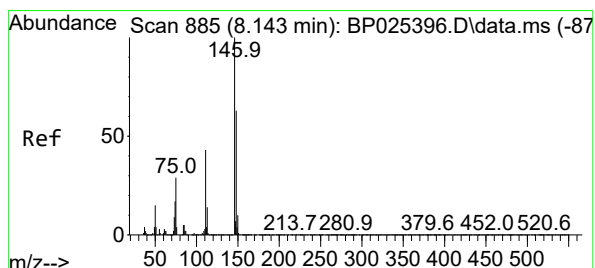
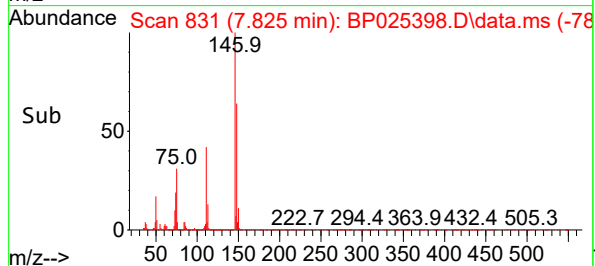
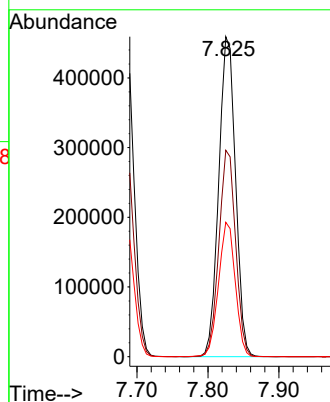
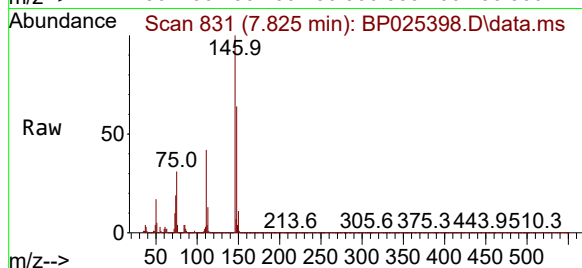
Tgt Ion:146 Resp: 751354

Ion Ratio Lower Upper

146 100

148 64.5 51.6 77.4

111 42.0 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 60.165 ng

RT: 8.143 min Scan# 885

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

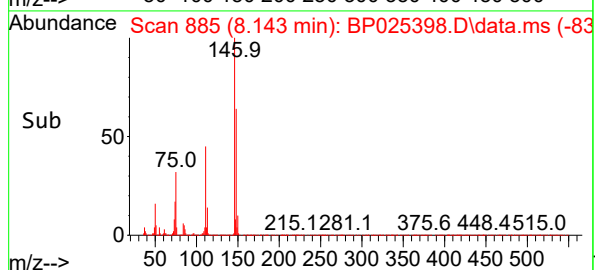
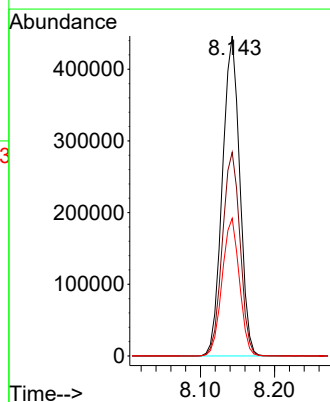
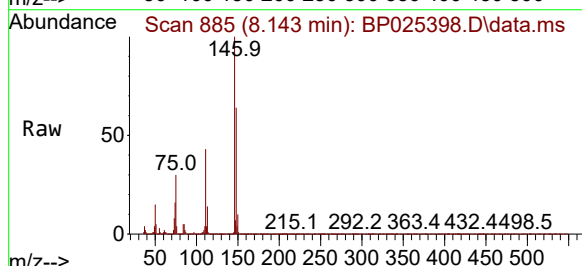
Tgt Ion:146 Resp: 723663

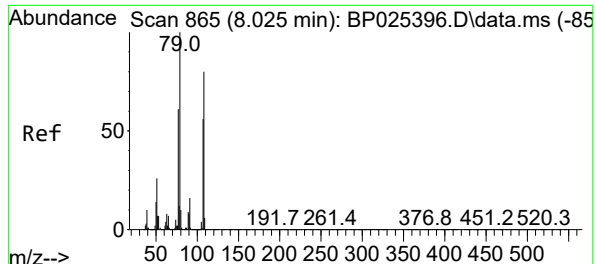
Ion Ratio Lower Upper

146 100

148 63.6 50.4 75.6

111 43.0 34.5 51.7





#15

Benzyl Alcohol

Concen: 63.019 ng

RT: 8.025 min Scan# 8

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

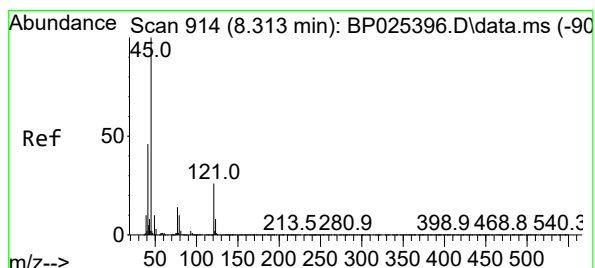
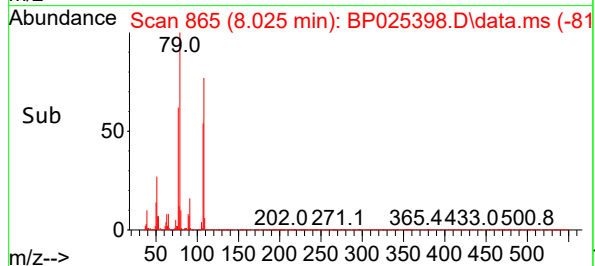
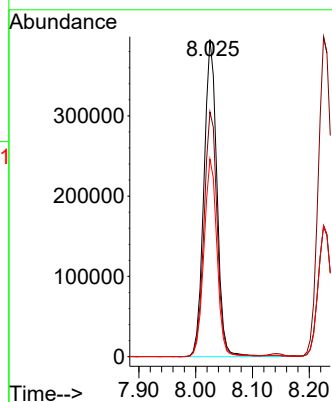
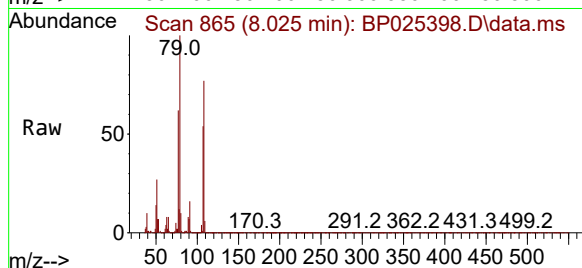
Tgt Ion: 79 Resp: 627198

Ion Ratio Lower Upper

79 100

108 77.2 63.8 95.6

77 62.3 49.0 73.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 61.712 ng

RT: 8.313 min Scan# 914

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

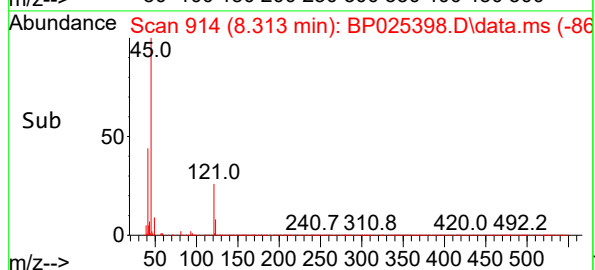
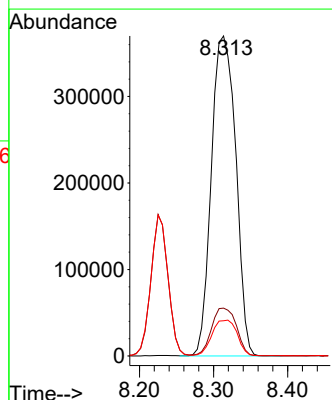
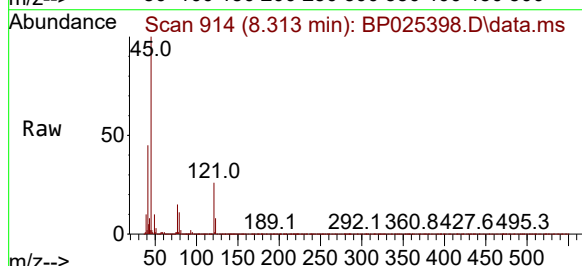
Tgt Ion: 45 Resp: 846896

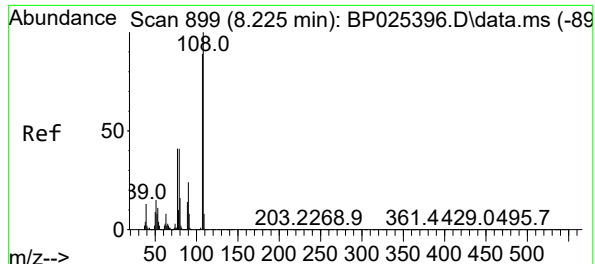
Ion Ratio Lower Upper

45 100

77 14.9 0.0 35.3

79 11.0 0.0 31.8





#17

2-Methylphenol

Concen: 63.480 ng

RT: 8.225 min Scan# 899

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:107 Resp: 579471

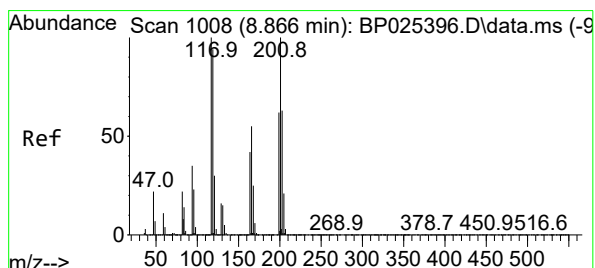
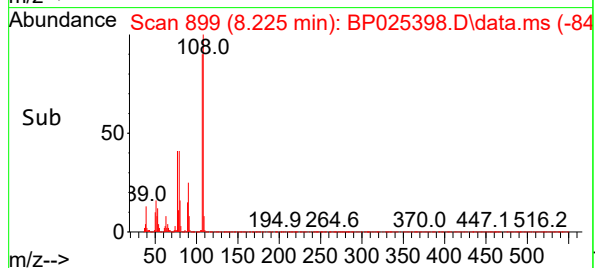
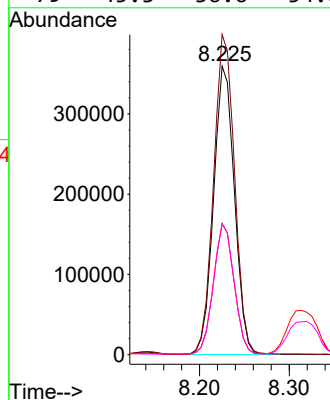
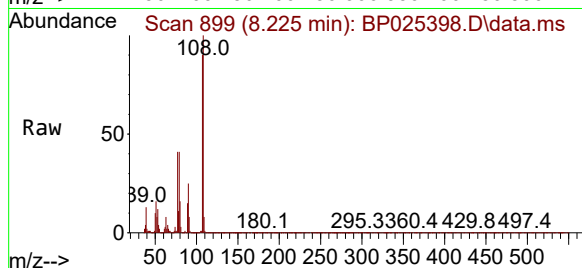
Ion Ratio Lower Upper

107 100

108 110.9 89.4 134.0

77 45.5 36.3 54.5

79 45.3 36.6 54.8



#18

Hexachloroethane

Concen: 61.535 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

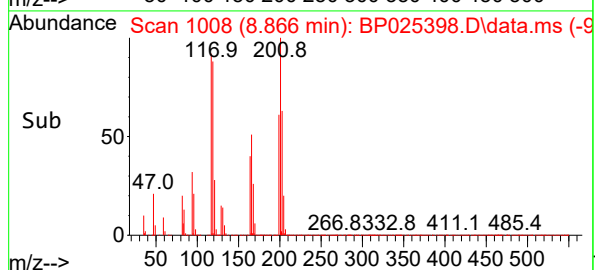
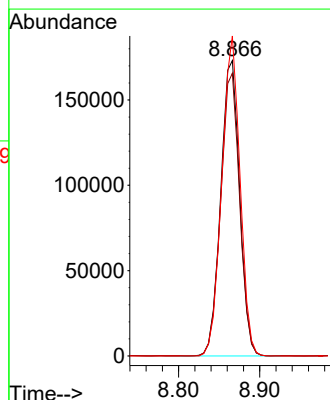
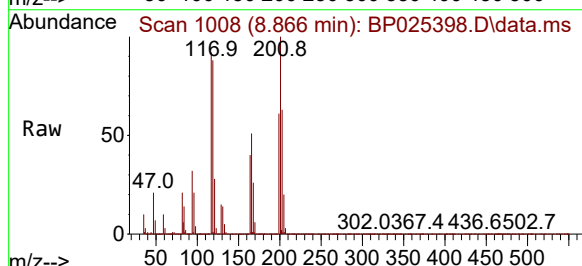
Tgt Ion:117 Resp: 281129

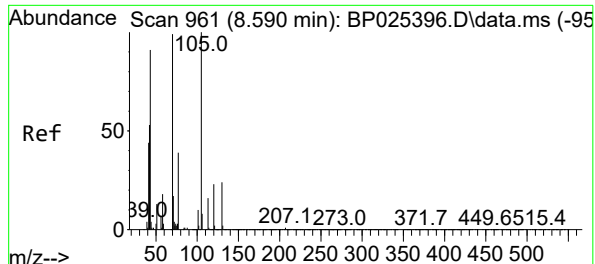
Ion Ratio Lower Upper

117 100

119 95.7 75.1 112.7

201 108.4 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 61.060 ng

RT: 8.590 min Scan# 961

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 507223

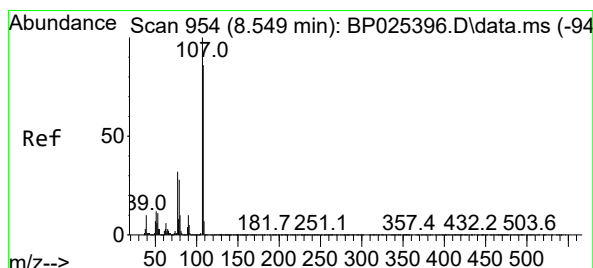
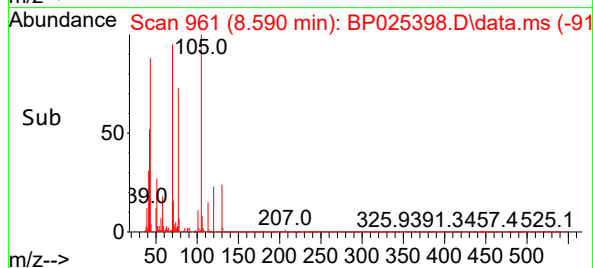
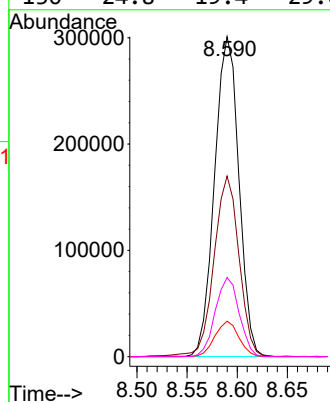
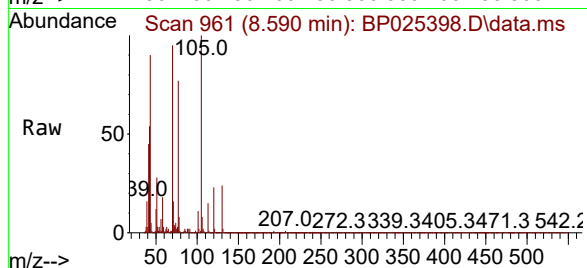
Ion Ratio Lower Upper

70 100

42 56.5 43.8 65.6

101 11.1 8.5 12.7

130 24.8 19.4 29.0



#20

3+4-Methylphenols

Concen: 63.075 ng

RT: 8.555 min Scan# 955

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Tgt Ion: 107 Resp: 798107

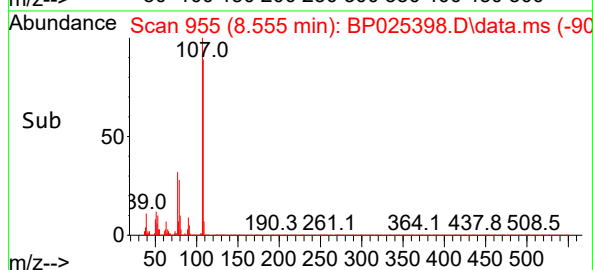
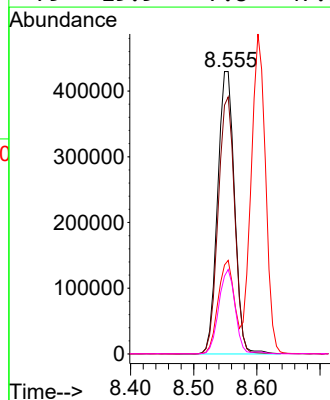
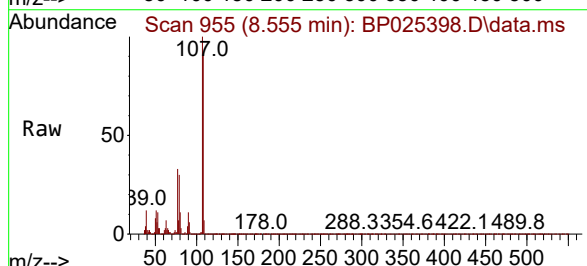
Ion Ratio Lower Upper

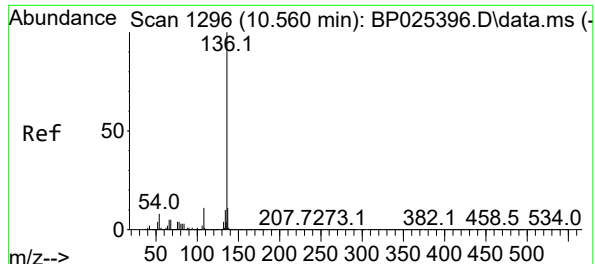
107 100

108 91.0 66.3 106.3

77 33.1 12.3 52.3

79 29.9 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.566 min Scan# 1296

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 693237

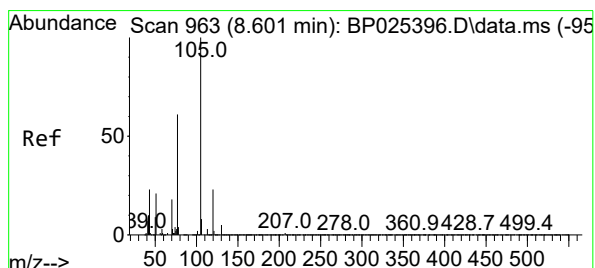
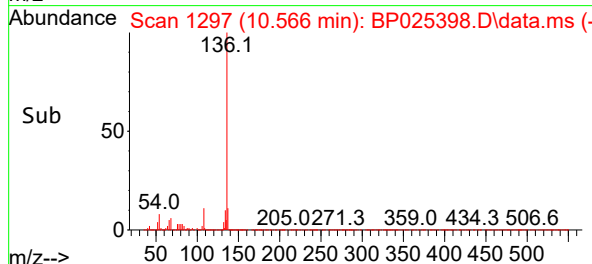
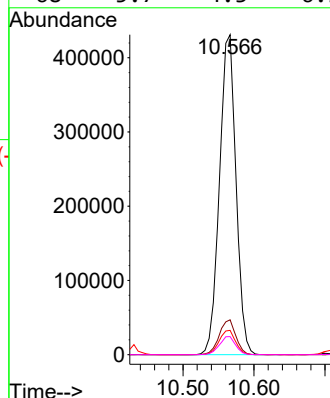
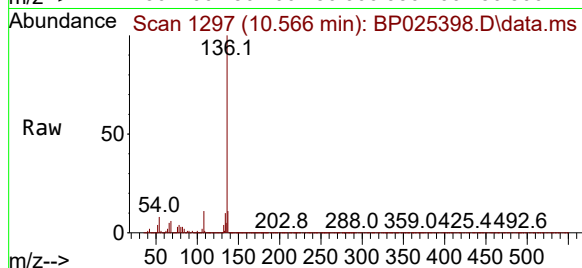
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.6 6.0 9.0

68 5.7 4.3 6.5



#22

Acetophenone

Concen: 60.503 ng

RT: 8.602 min Scan# 963

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Tgt Ion:105 Resp: 1051848

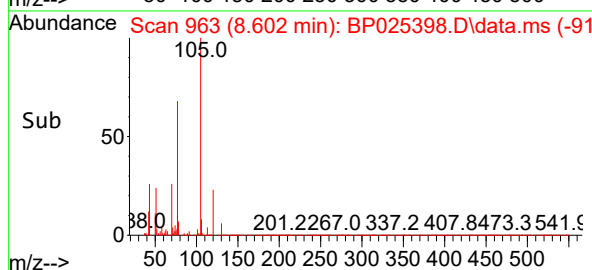
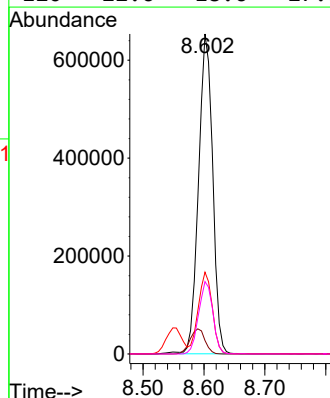
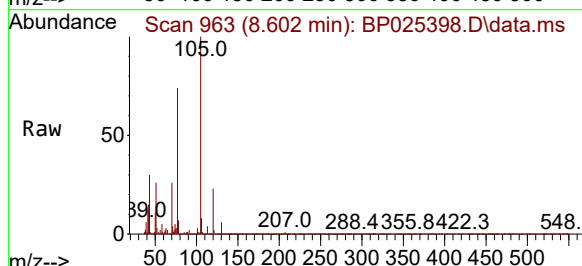
Ion Ratio Lower Upper

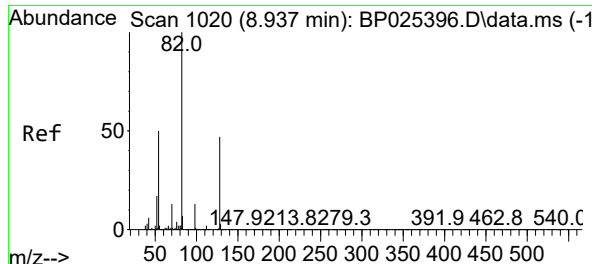
105 100

71 4.2 2.6 4.0

51 25.5 20.6 30.8

120 22.6 18.6 27.8

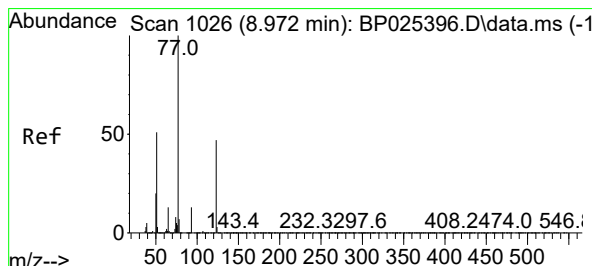
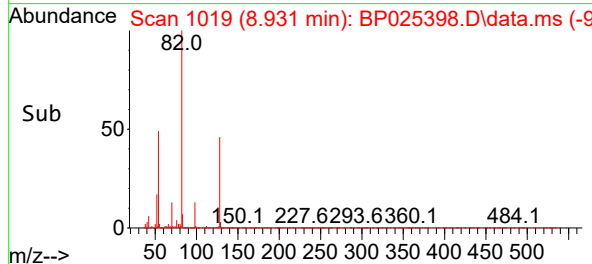
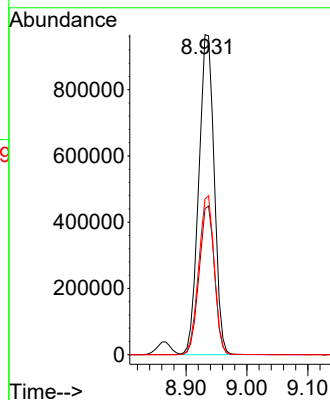
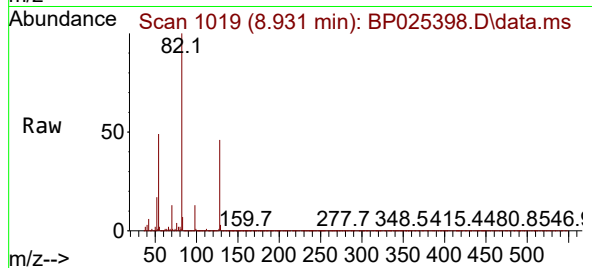




#23
Nitrobenzene-d5
Concen: 123.944 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

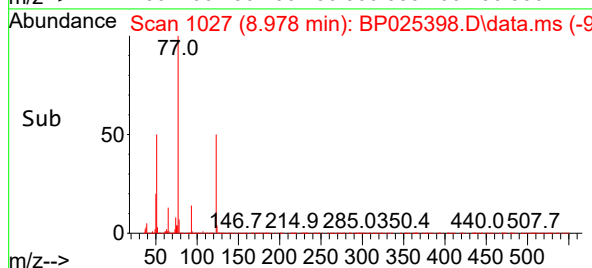
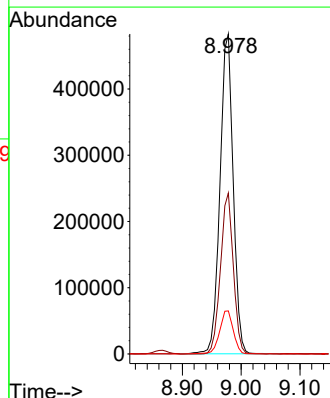
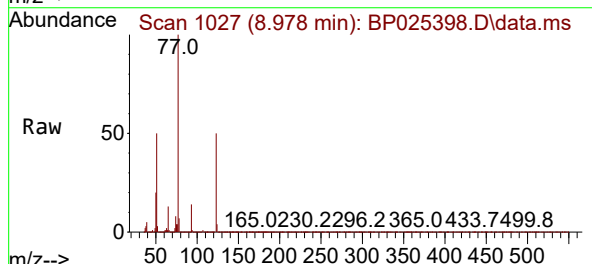
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

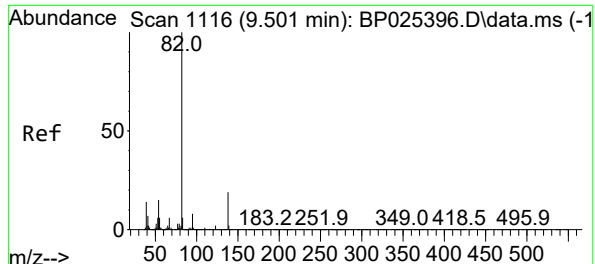
Tgt Ion: 82 Resp: 1698557
Ion Ratio Lower Upper
82 100
128 45.7 37.7 56.5
54 48.6 39.8 59.6



#24
Nitrobenzene
Concen: 61.461 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 77 Resp: 752762
Ion Ratio Lower Upper
77 100
123 50.3 38.6 58.0
65 13.4 10.6 15.8

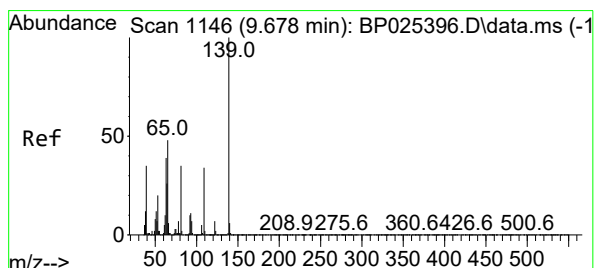
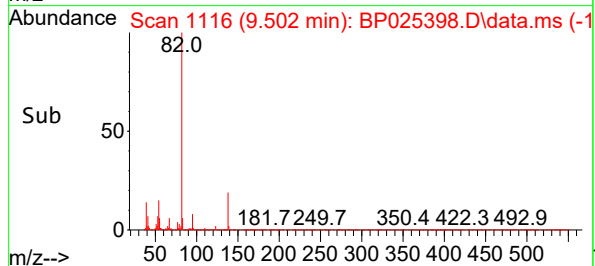
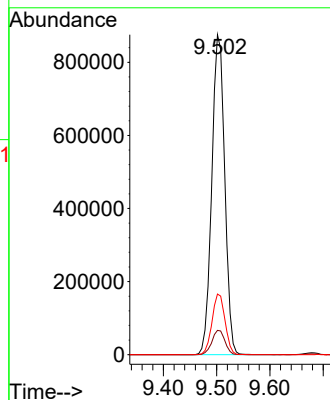
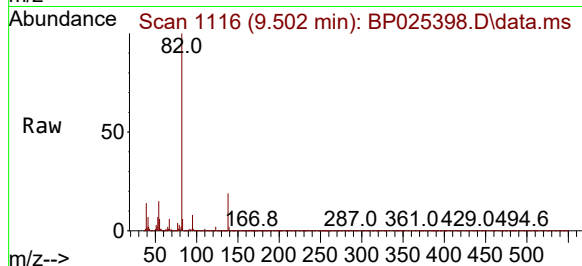




#25
Isophorone
Concen: 60.825 ng
RT: 9.502 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

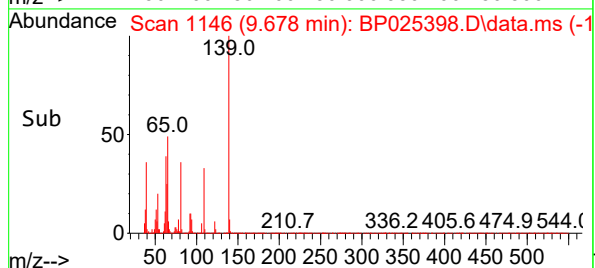
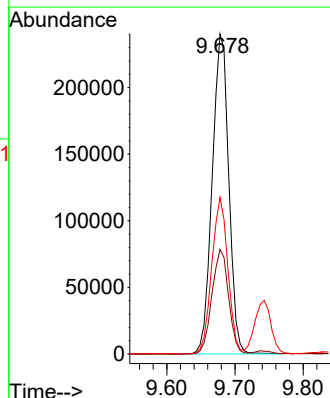
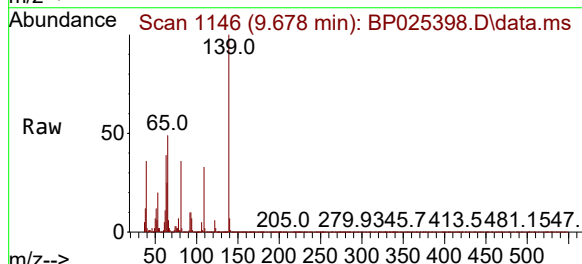
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

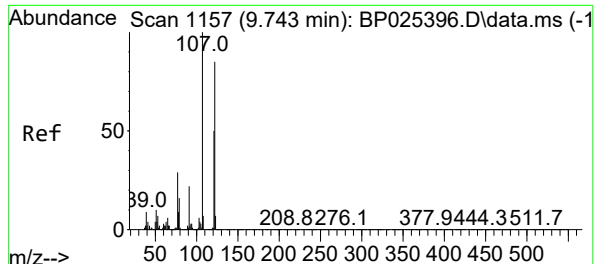
Tgt Ion: 82 Resp: 1475193
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 19.0 15.4 23.0



#26
2-Nitrophenol
Concen: 64.564 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 139 Resp: 405821
Ion Ratio Lower Upper
139 100
109 32.7 26.9 40.3
65 48.9 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 62.463 ng

RT: 9.743 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

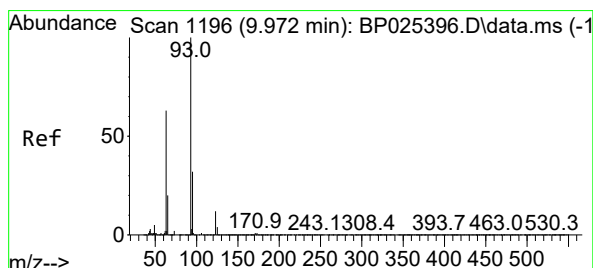
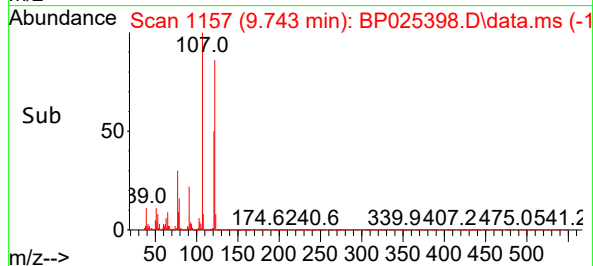
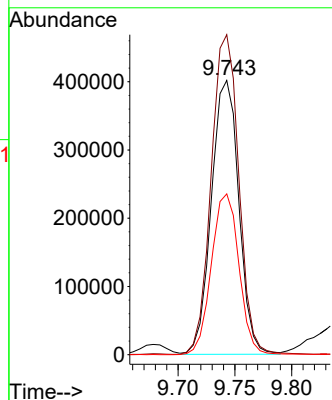
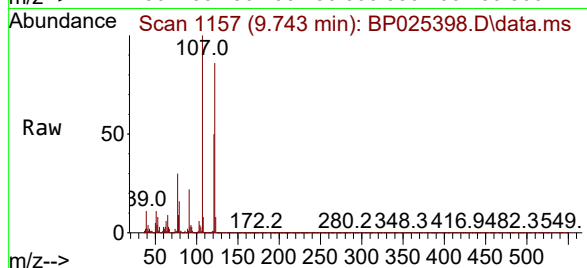
Tgt Ion:122 Resp: 675186

Ion Ratio Lower Upper

122 100

107 116.7 93.7 140.5

121 58.6 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 61.040 ng

RT: 9.972 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

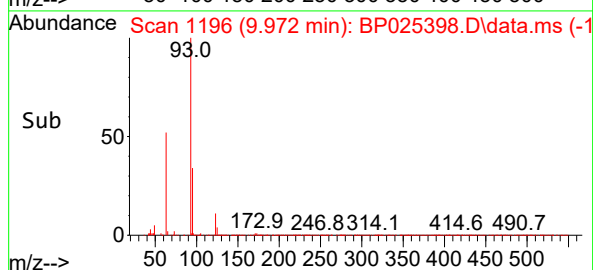
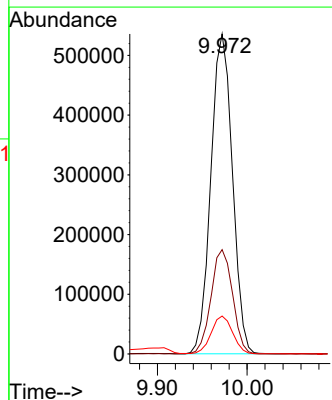
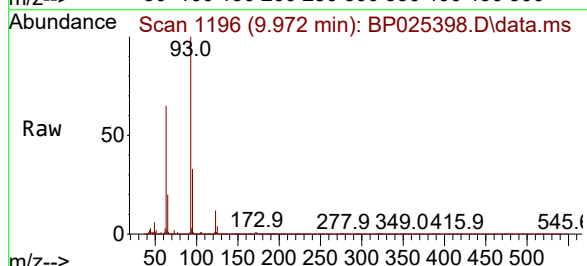
Tgt Ion: 93 Resp: 894872

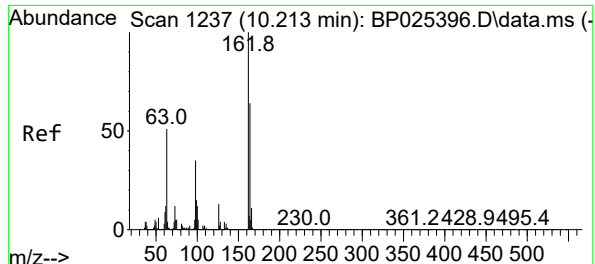
Ion Ratio Lower Upper

93 100

95 32.6 25.4 38.0

123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 62.764 ng

RT: 10.213 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

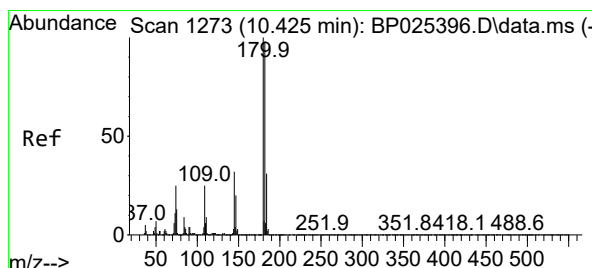
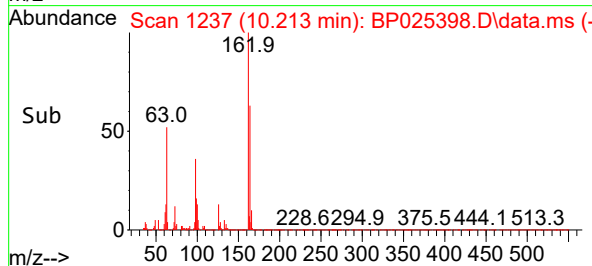
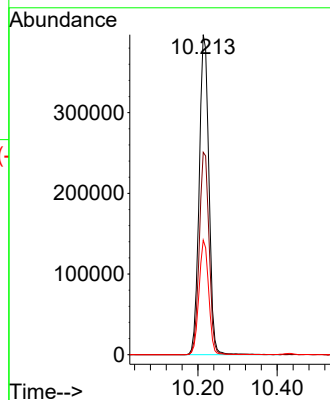
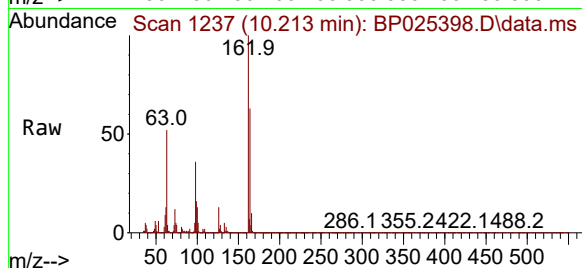
Tgt Ion:162 Resp: 673952

Ion Ratio Lower Upper

162 100

164 63.3 44.4 84.4

98 35.8 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 60.823 ng

RT: 10.425 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

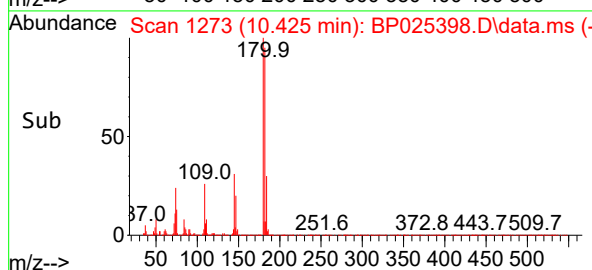
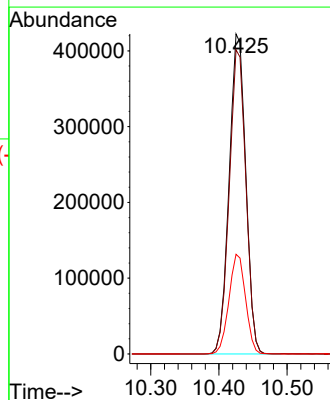
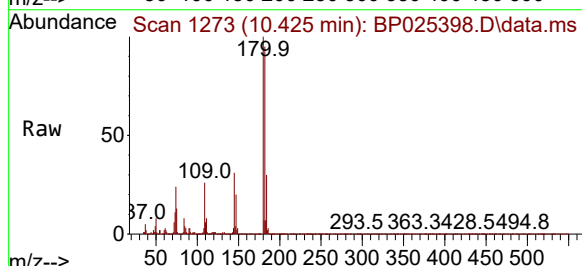
Tgt Ion:180 Resp: 715954

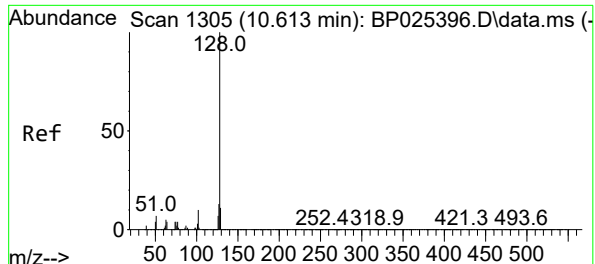
Ion Ratio Lower Upper

180 100

182 95.0 78.0 117.0

145 31.2 25.9 38.9





#31

Naphthalene

Concen: 60.722 ng

RT: 10.613 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

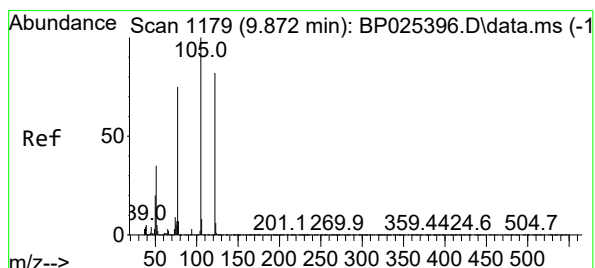
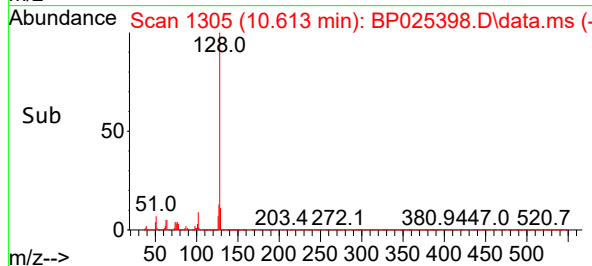
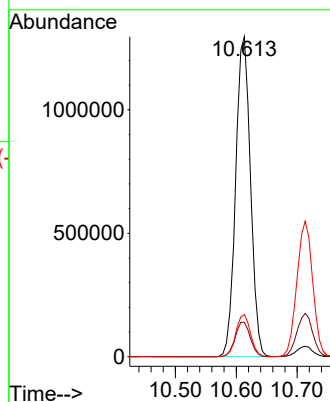
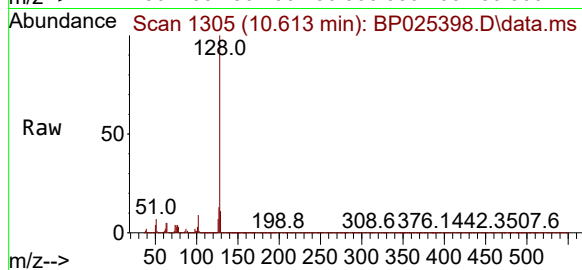
Tgt Ion:128 Resp: 2187912

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.2 10.7 16.1



#32

Benzoic acid

Concen: 66.651 ng

RT: 9.907 min Scan# 1185

Delta R.T. 0.035 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

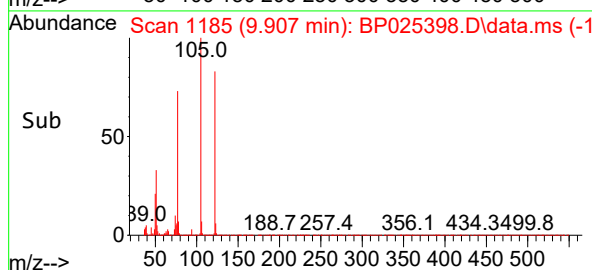
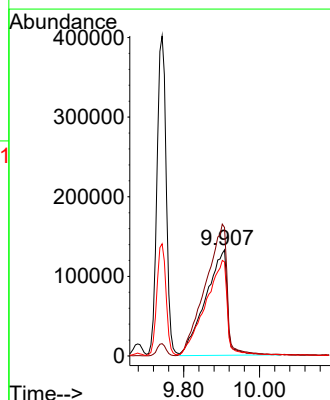
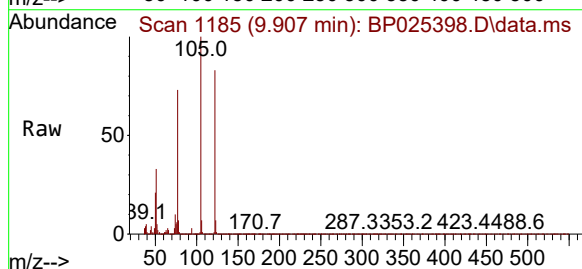
Tgt Ion:122 Resp: 530609

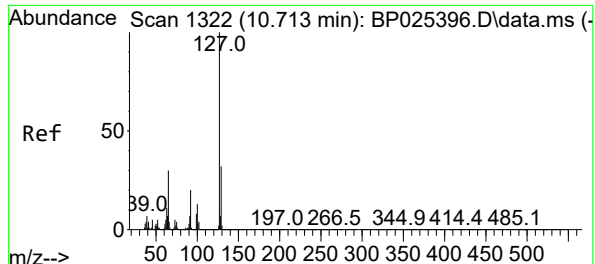
Ion Ratio Lower Upper

122 100

105 121.0 100.6 140.6

77 88.6 71.5 111.5





#33

4-Chloroaniline

Concen: 62.401 ng

RT: 10.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

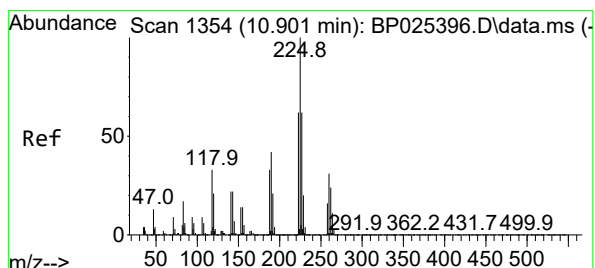
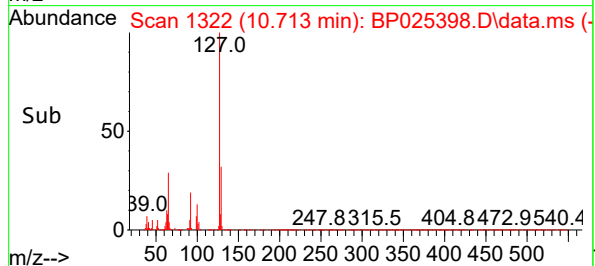
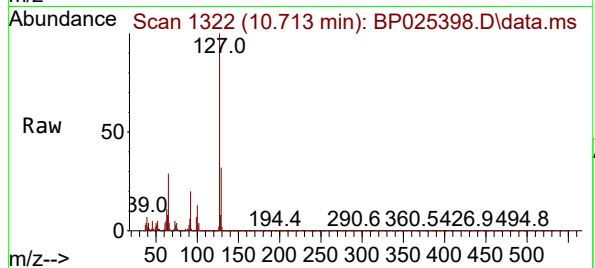
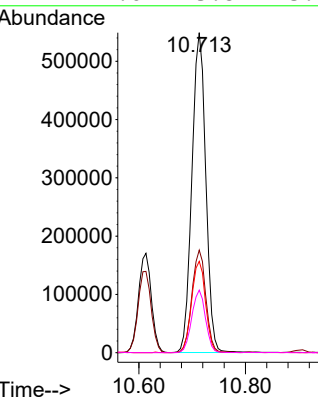
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 993155

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.2
65	28.5	23.8	35.6
92	19.6	15.8	23.8



#34

Hexachlorobutadiene

Concen: 60.421 ng

RT: 10.901 min Scan# 1354

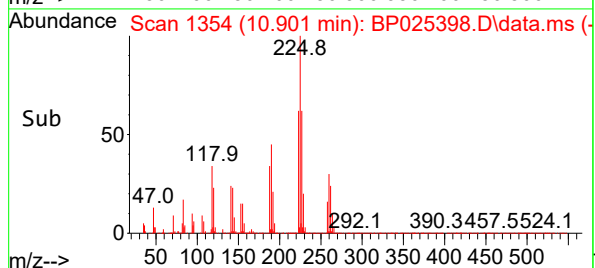
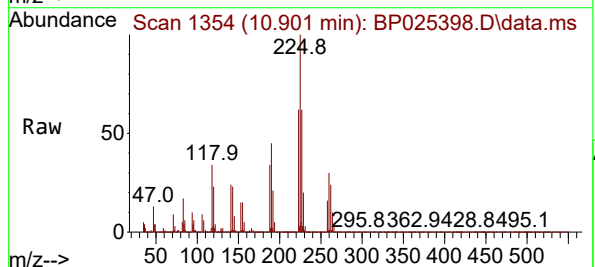
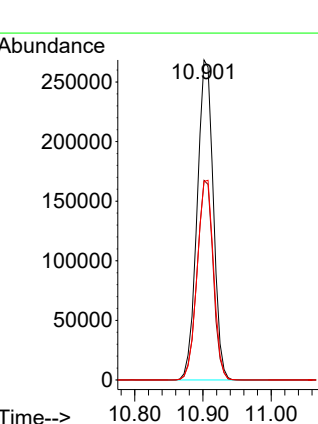
Delta R.T. 0.000 min

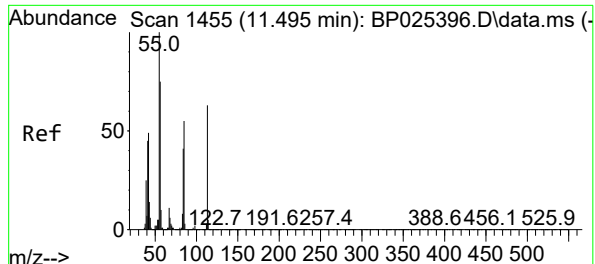
Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Tgt Ion:225 Resp: 442929

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.0	75.0
227	62.1	49.7	74.5

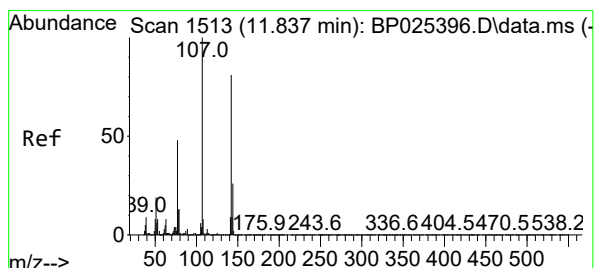
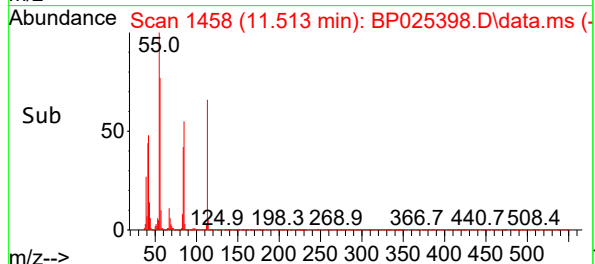
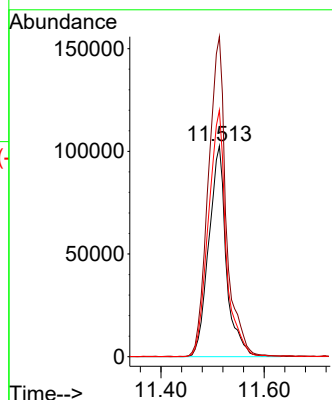
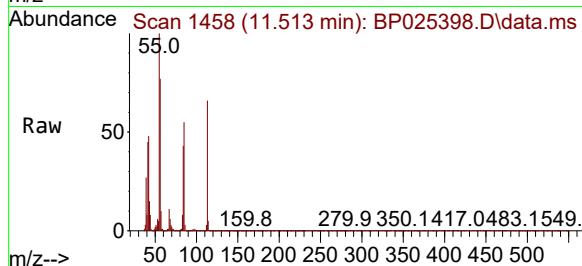




#35
Caprolactam
Concen: 61.340 ng
RT: 11.513 min Scan# 1458
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

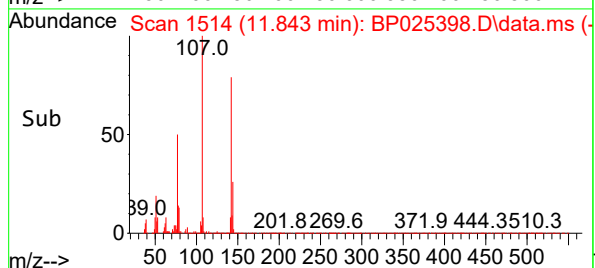
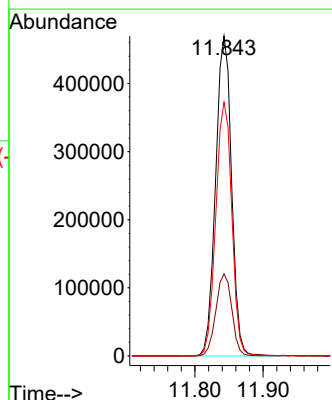
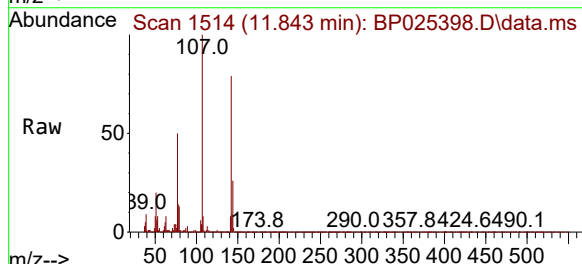
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

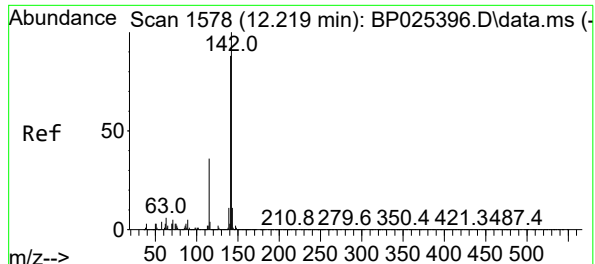
Tgt Ion:113 Resp: 241521
Ion Ratio Lower Upper
113 100
55 151.8 140.0 180.0
56 117.0 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 62.033 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:107 Resp: 764338
Ion Ratio Lower Upper
107 100
144 25.7 21.0 31.4
142 79.2 64.6 97.0

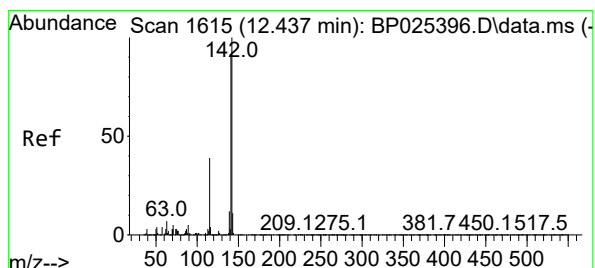
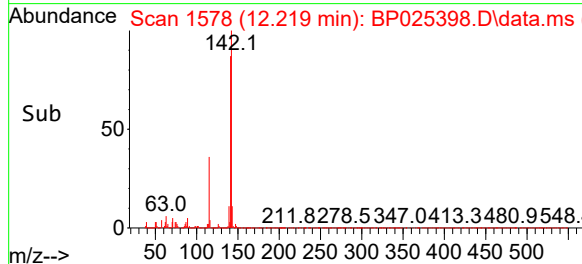
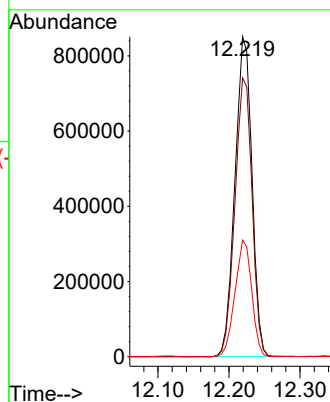
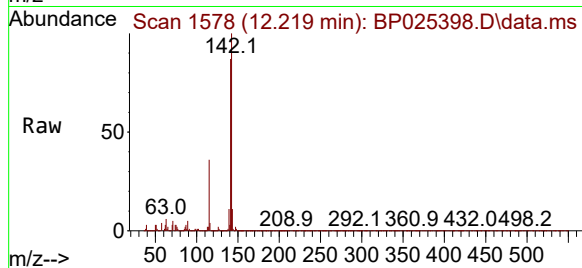




#37
2-Methylnaphthalene
Concen: 60.511 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

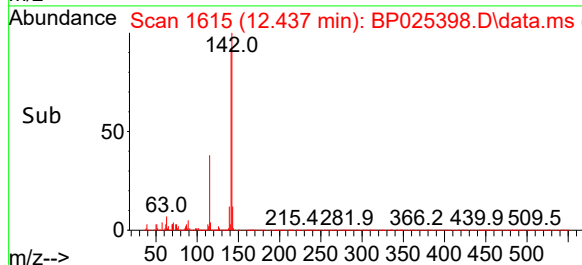
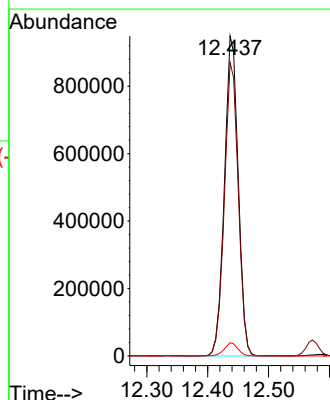
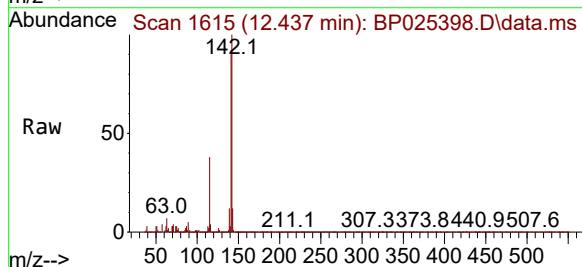
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

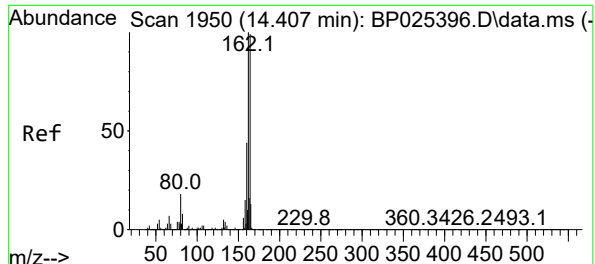
Tgt Ion:142 Resp: 1418882
Ion Ratio Lower Upper
142 100
141 87.1 70.3 105.5
115 36.5 28.9 43.3



#38
1-Methylnaphthalene
Concen: 59.925 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:142 Resp: 1494304
Ion Ratio Lower Upper
142 100
141 91.7 73.1 109.7
116 4.1 3.2 4.8

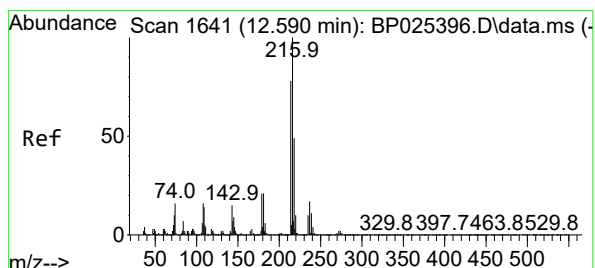
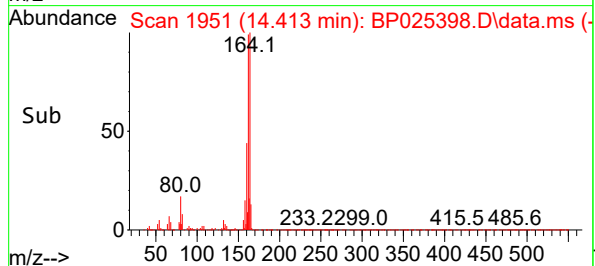
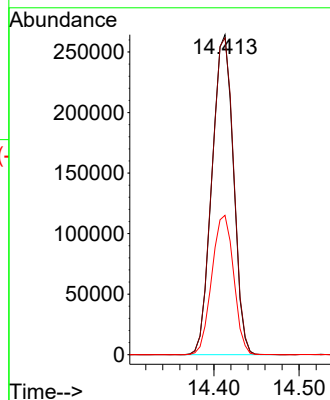
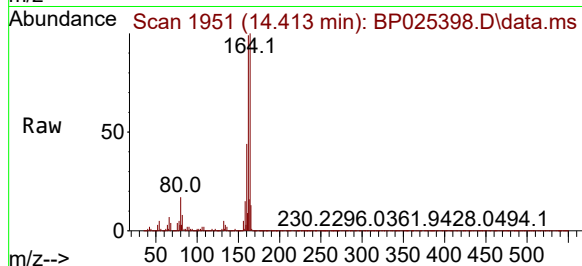




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

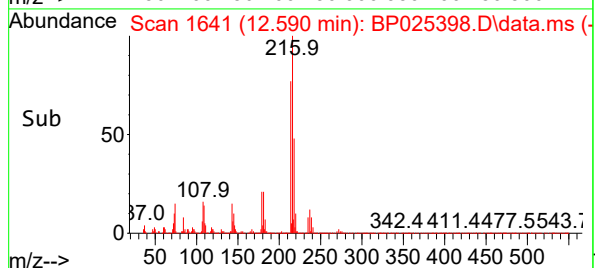
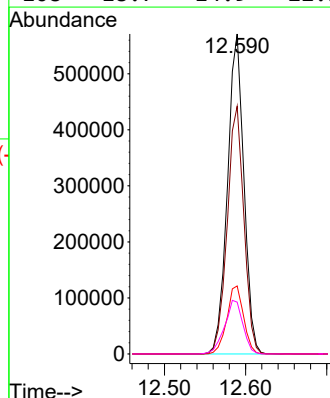
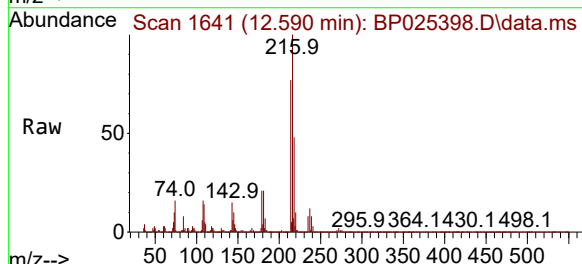
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

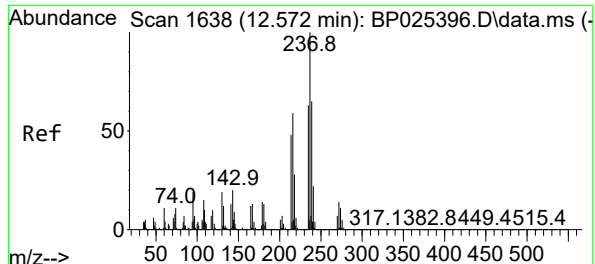
Tgt Ion:164 Resp: 460439
Ion Ratio Lower Upper
164 100
162 99.0 81.0 121.6
160 43.6 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.365 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:216 Resp: 802737
Ion Ratio Lower Upper
216 100
214 78.3 63.0 94.4
179 21.6 17.1 25.7
108 18.7 14.9 22.3

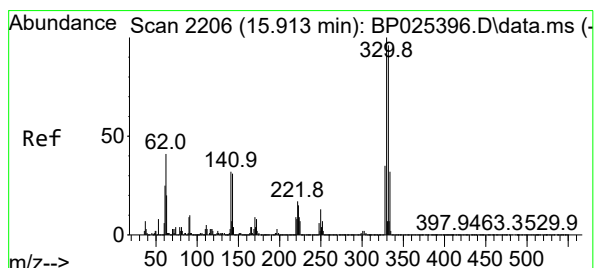
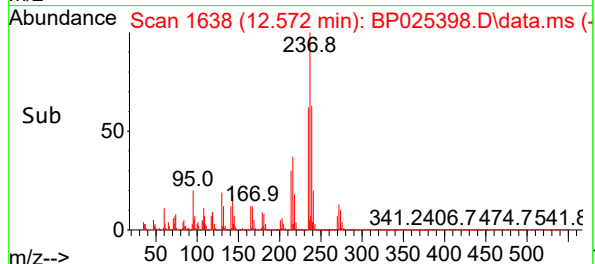
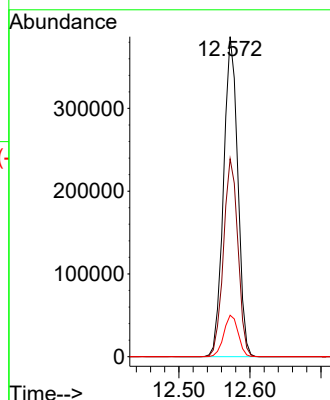
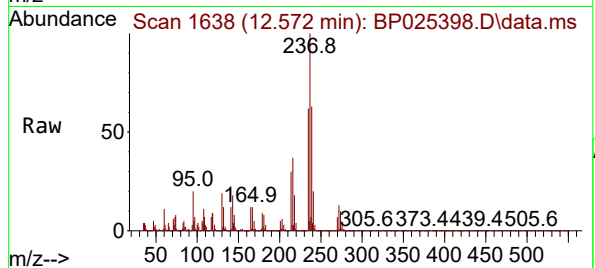




#41
Hexachlorocyclopentadiene
Concen: 66.784 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

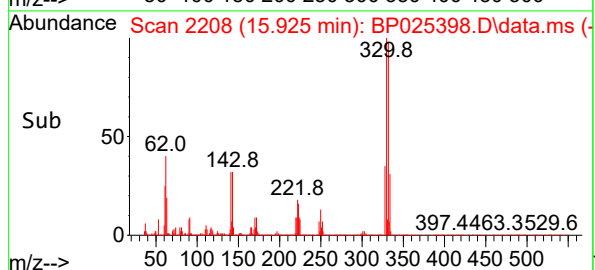
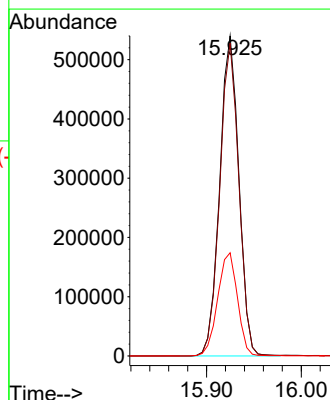
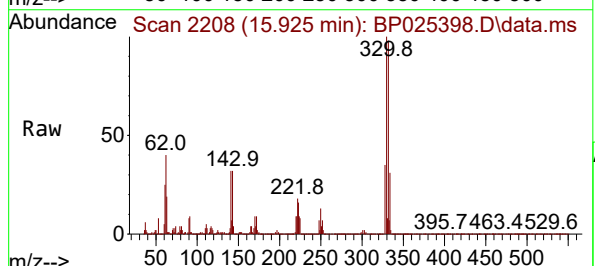
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

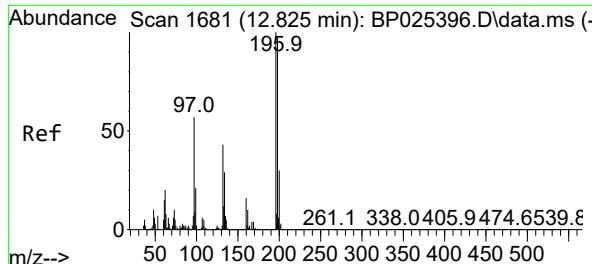
Tgt Ion:237 Resp: 536440
Ion Ratio Lower Upper
237 100
235 61.9 42.7 82.7
272 13.0 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 122.748 ng
RT: 15.925 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:330 Resp: 760738
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 33.3 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 62.841 ng

RT: 12.831 min Scan# 1682

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

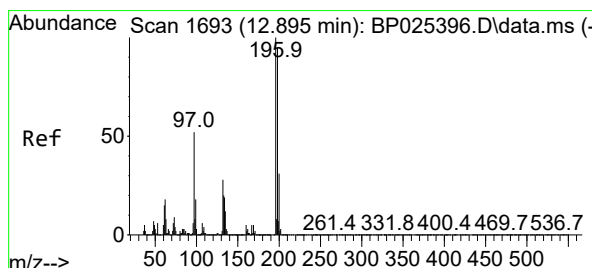
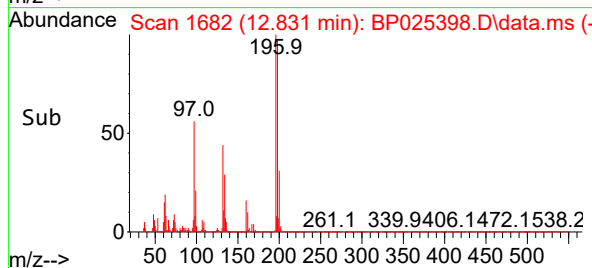
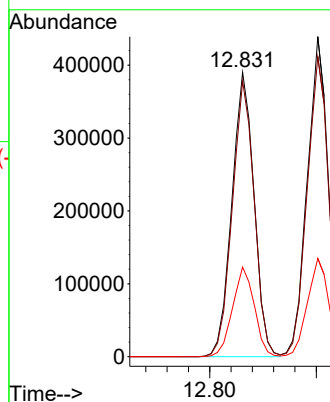
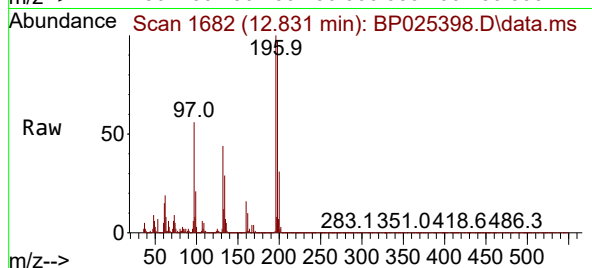
Tgt Ion:196 Resp: 564165

Ion Ratio Lower Upper

196 100

198 96.9 77.2 115.8

200 31.5 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 62.937 ng

RT: 12.901 min Scan# 1694

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Tgt Ion:196 Resp: 619246

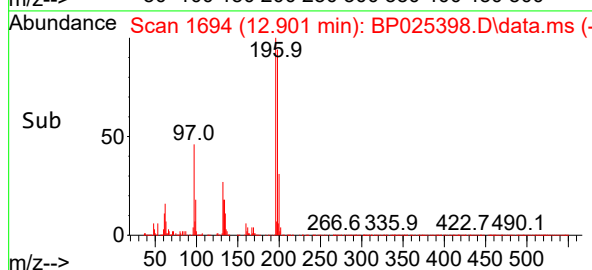
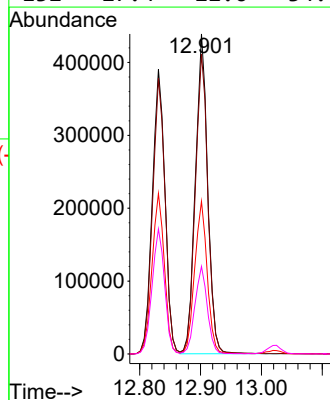
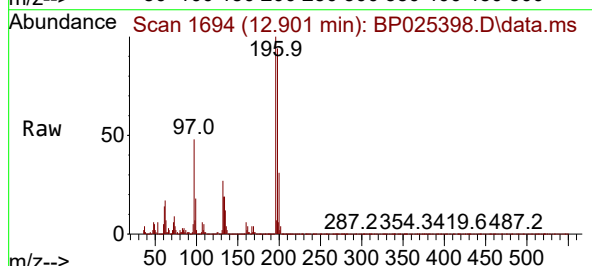
Ion Ratio Lower Upper

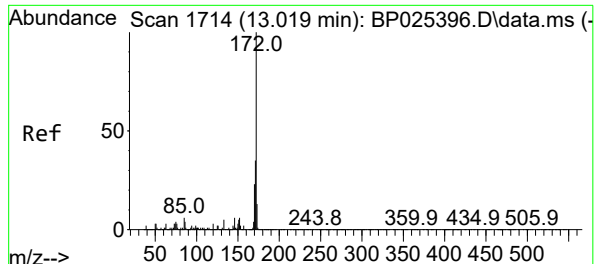
196 100

198 93.8 76.2 114.2

97 47.7 41.2 61.8

132 27.4 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 117.656 ng

RT: 13.025 min Scan# 1715

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

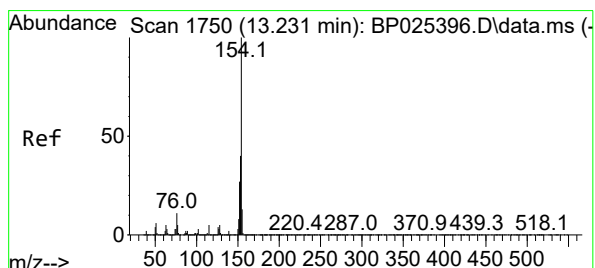
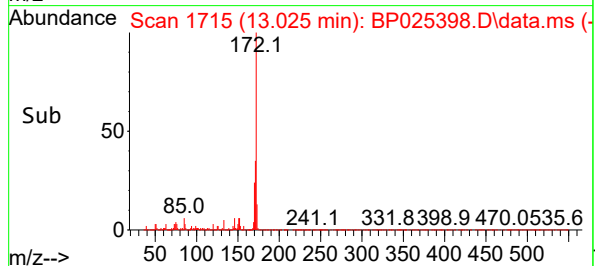
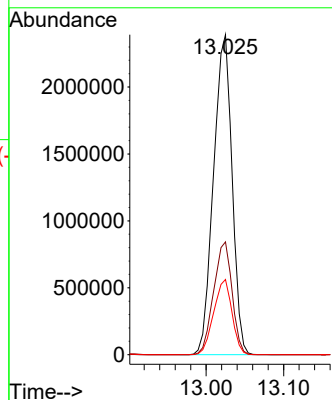
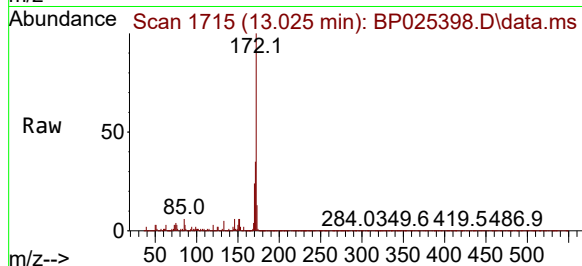
Tgt Ion:172 Resp: 3963871

Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.5 18.6 28.0



#46

1,1'-Biphenyl

Concen: 59.695 ng

RT: 13.237 min Scan# 1751

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

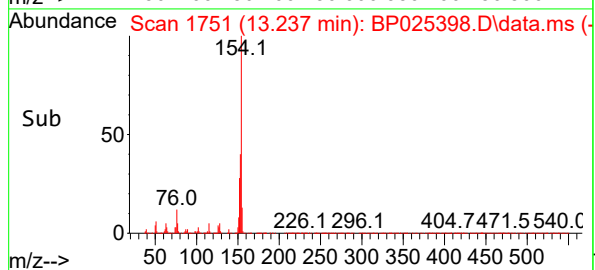
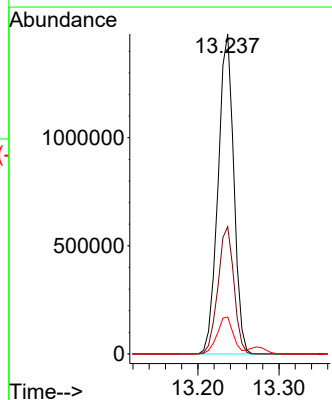
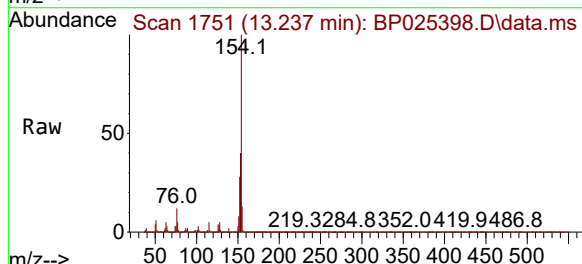
Tgt Ion:154 Resp: 1996186

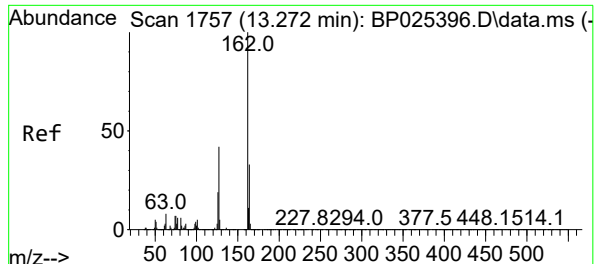
Ion Ratio Lower Upper

154 100

153 39.8 19.5 59.5

76 11.6 0.0 31.1

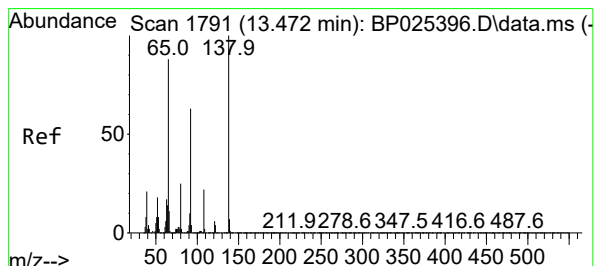
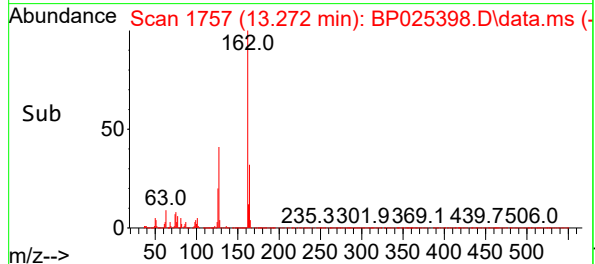
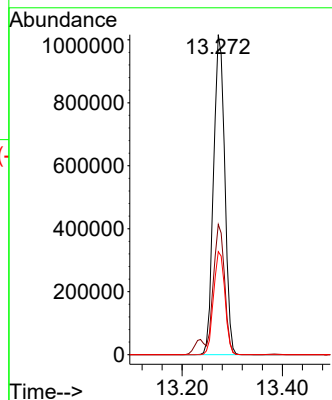
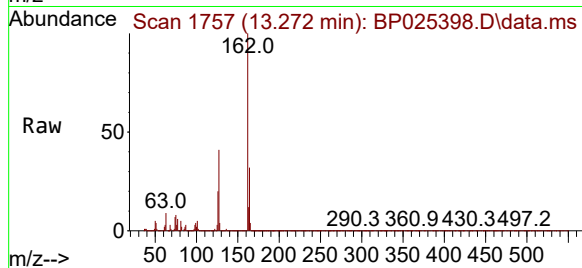




#47
2-Chloronaphthalene
Concen: 60.600 ng
RT: 13.272 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

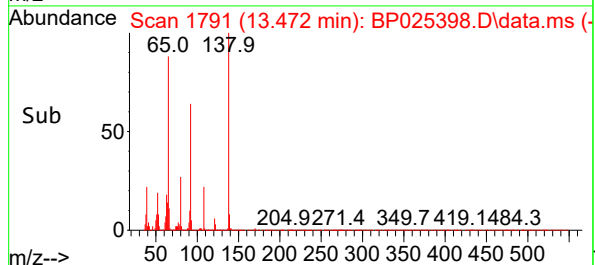
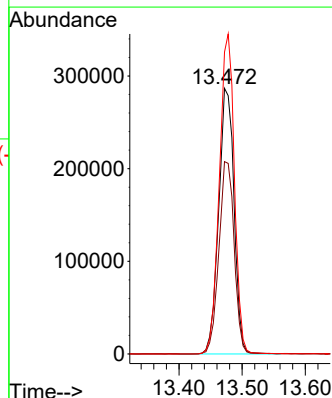
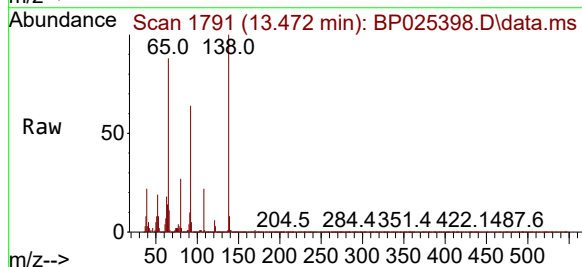
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

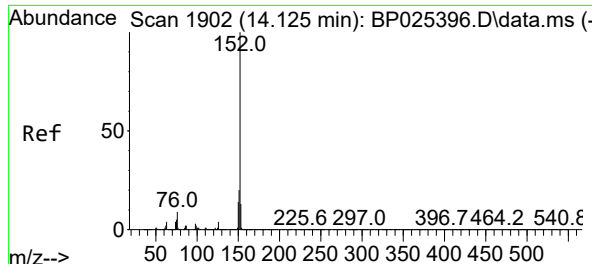
Tgt Ion:162 Resp: 1577577
Ion Ratio Lower Upper
162 100
127 40.7 33.4 50.2
164 32.2 26.2 39.2



#48
2-Nitroaniline
Concen: 63.996 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 65 Resp: 485429
Ion Ratio Lower Upper
65 100
92 72.4 57.6 86.4
138 113.7 91.0 136.6





#49

Acenaphthylene

Concen: 61.147 ng

RT: 14.131 min Scan# 1903

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

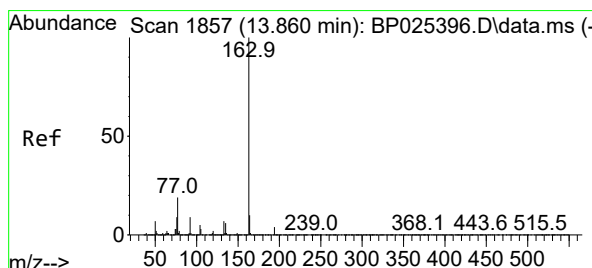
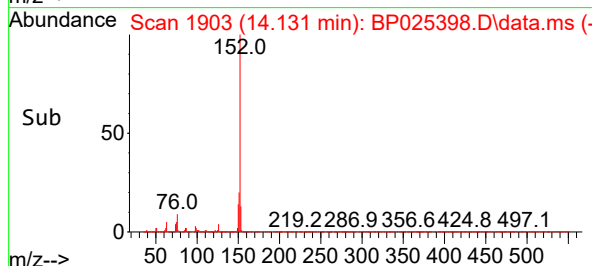
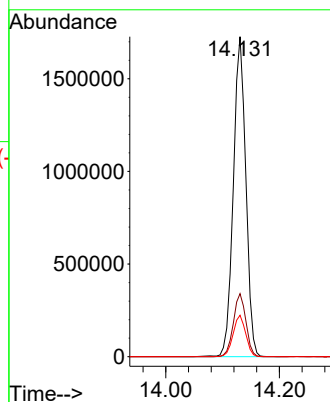
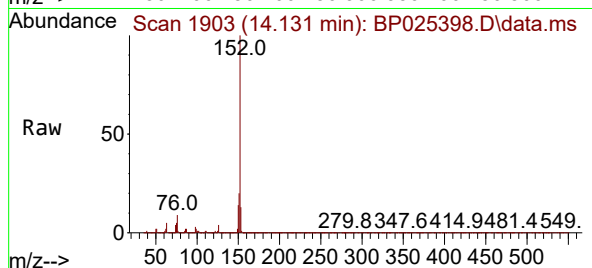
Tgt Ion:152 Resp: 2634005

Ion Ratio Lower Upper

152 100

151 19.7 16.0 24.0

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 60.572 ng

RT: 13.866 min Scan# 1858

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

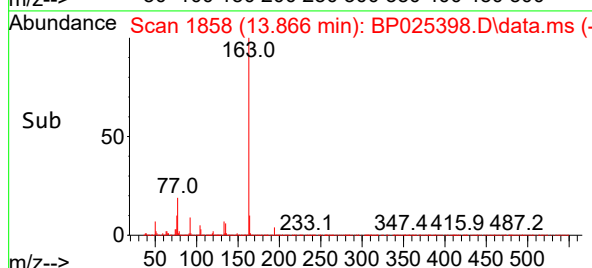
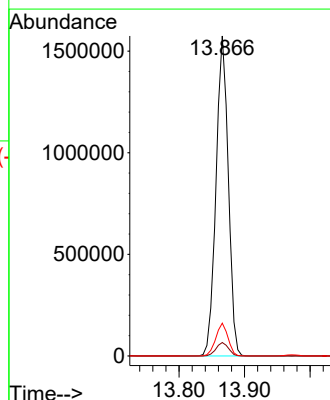
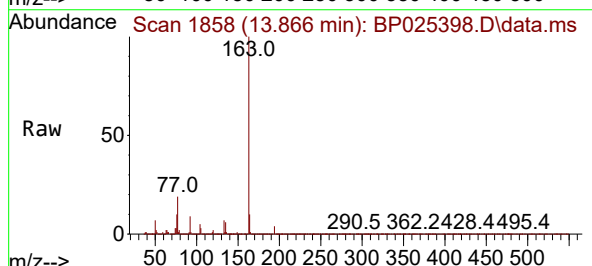
Tgt Ion:163 Resp: 2042324

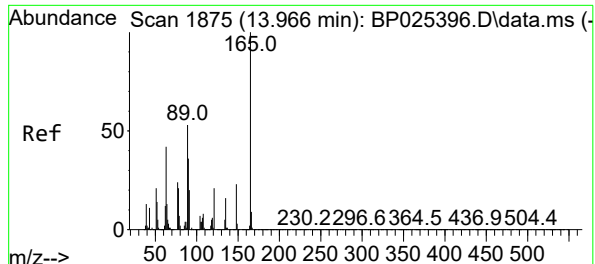
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.3 7.9 11.9

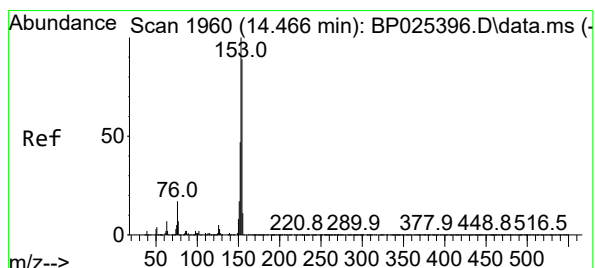
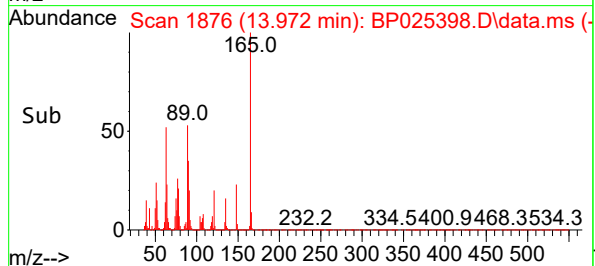
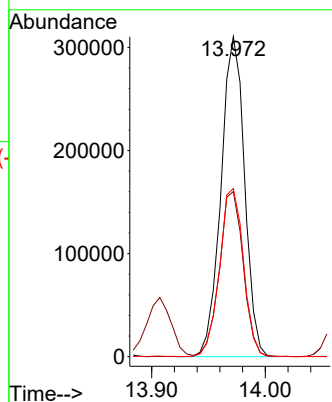
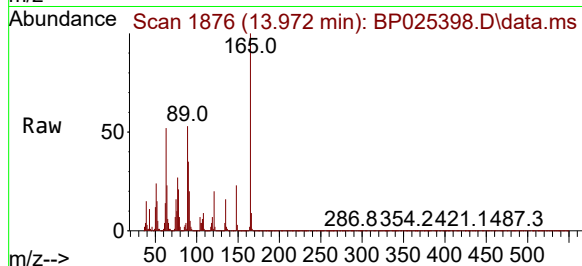




#51
2,6-Dinitrotoluene
Concen: 62.831 ng
RT: 13.972 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

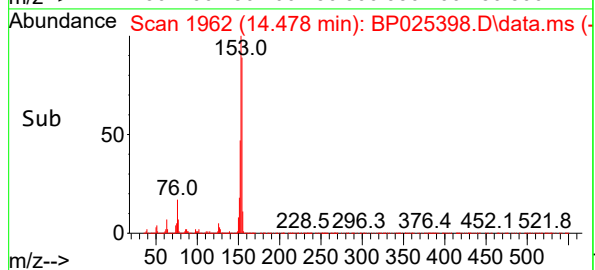
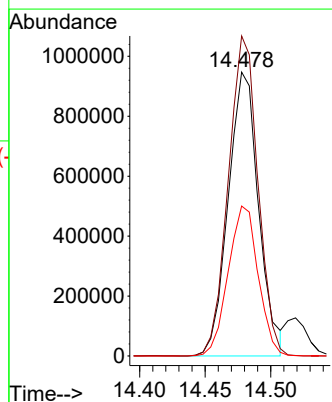
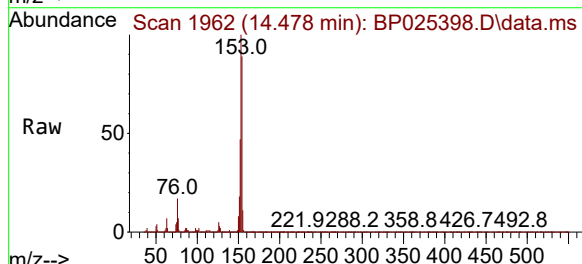
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

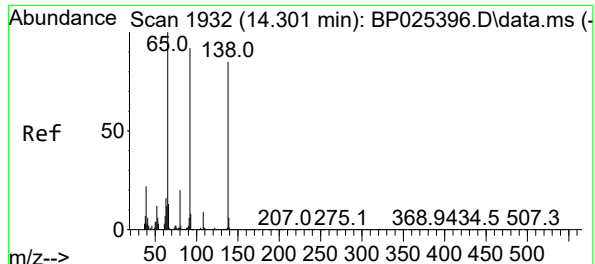
Tgt Ion:165 Resp: 446520
Ion Ratio Lower Upper
165 100
63 51.6 40.9 61.3
89 52.5 42.1 63.1



#52
Acenaphthene
Concen: 60.399 ng
RT: 14.478 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:154 Resp: 1527191
Ion Ratio Lower Upper
154 100
153 112.7 90.2 135.2
152 52.8 42.1 63.1

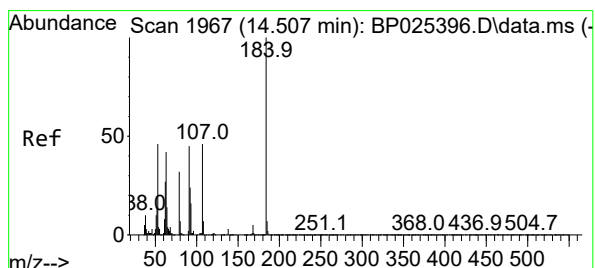
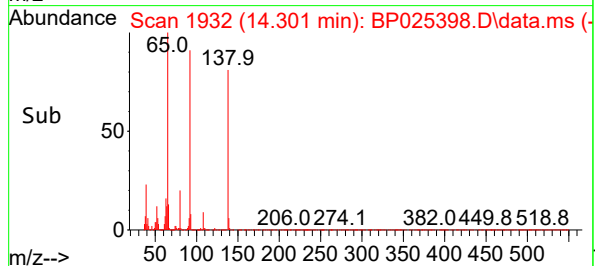
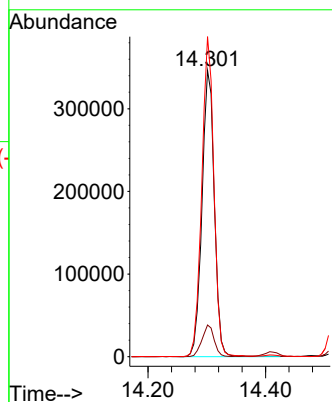
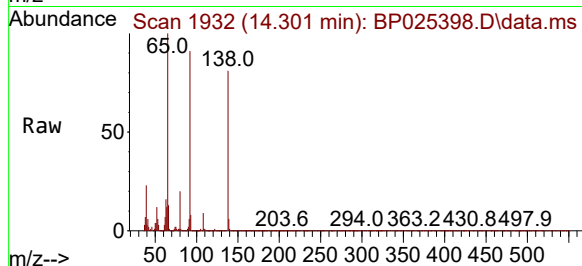




#53
3-Nitroaniline
Concen: 63.331 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

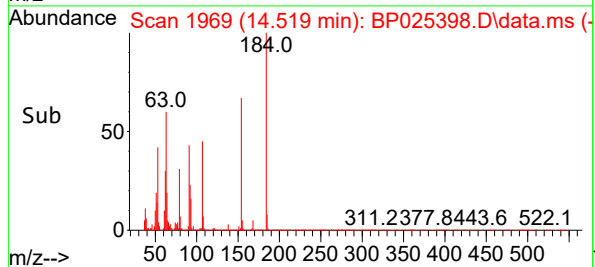
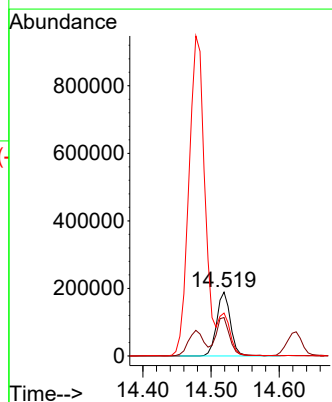
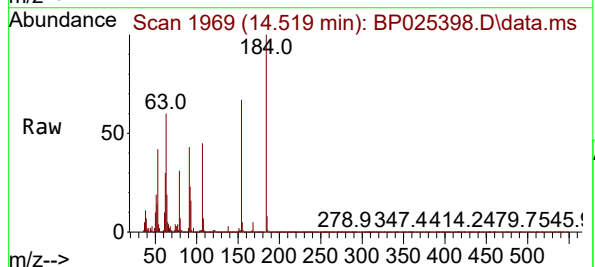
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

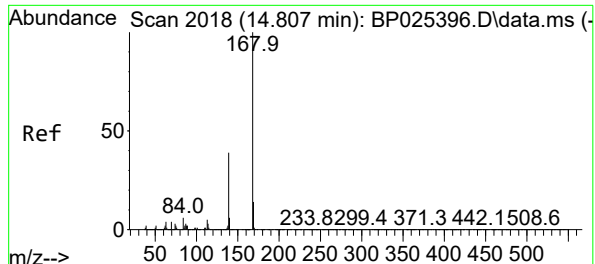
Tgt Ion:138 Resp: 506373
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 111.9 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 69.849 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:184 Resp: 265089
Ion Ratio Lower Upper
184 100
63 60.1 49.4 74.2
154 67.3 54.6 82.0





#55

Dibenzenofuran

Concen: 59.734 ng

RT: 14.819 min Scan# 20

Delta R.T. 0.012 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

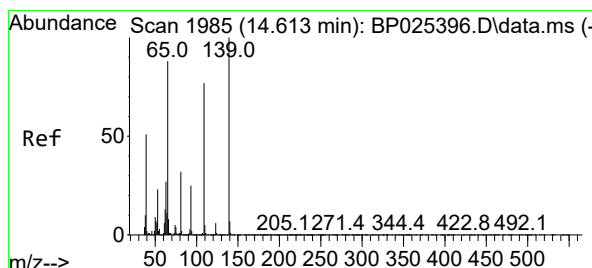
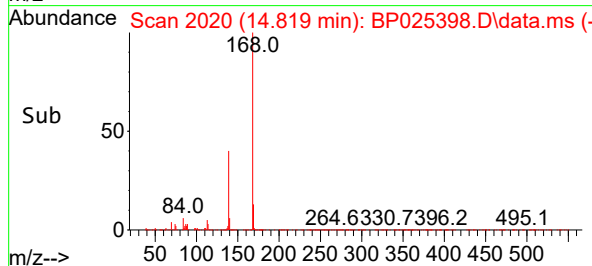
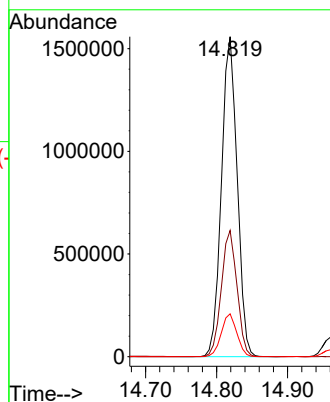
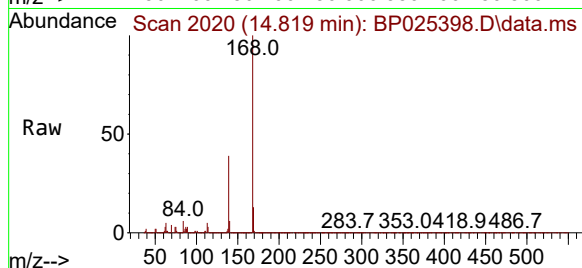
Tgt Ion:168 Resp: 2387933

Ion Ratio Lower Upper

168 100

139 39.5 31.5 47.3

169 13.4 10.9 16.3



#56

4-Nitrophenol

Concen: 63.893 ng

RT: 14.625 min Scan# 1987

Delta R.T. 0.012 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

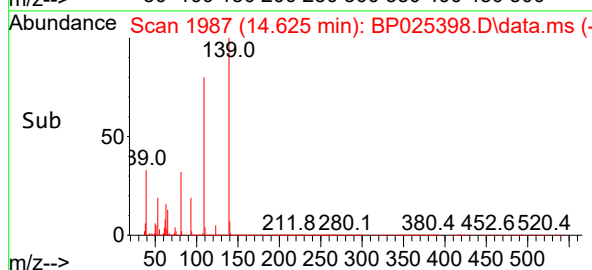
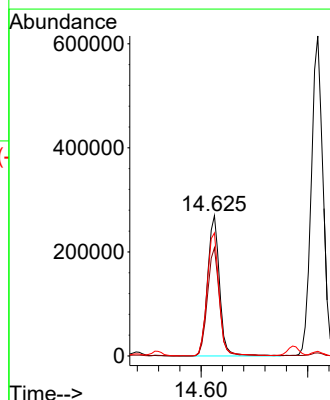
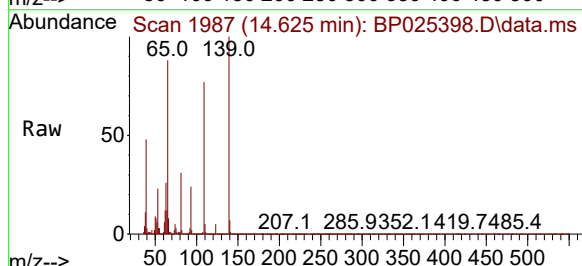
Tgt Ion:139 Resp: 419801

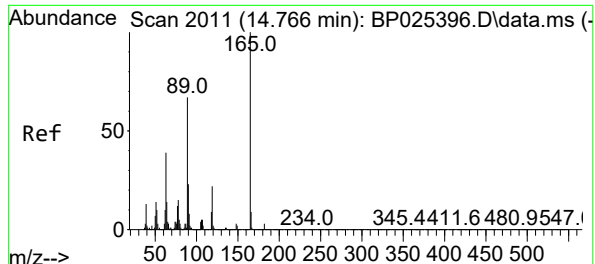
Ion Ratio Lower Upper

139 100

109 77.0 56.6 96.6

65 87.6 68.2 108.2

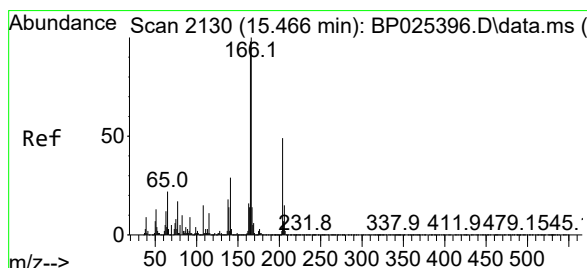
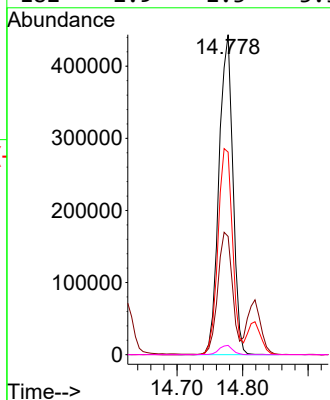
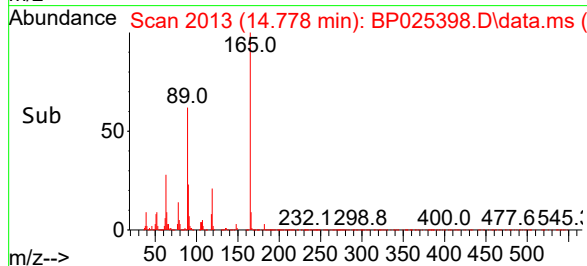
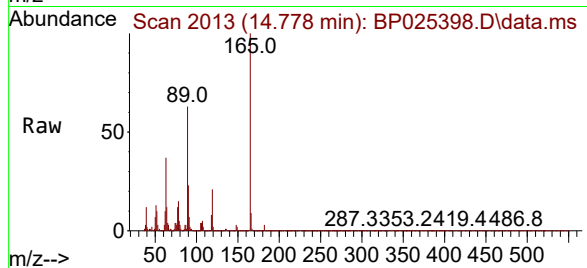




#57
2,4-Dinitrotoluene
Concen: 64.112 ng
RT: 14.778 min Scan# 2011
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

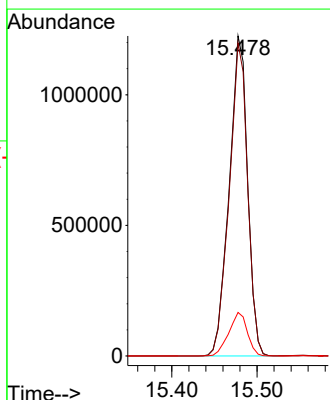
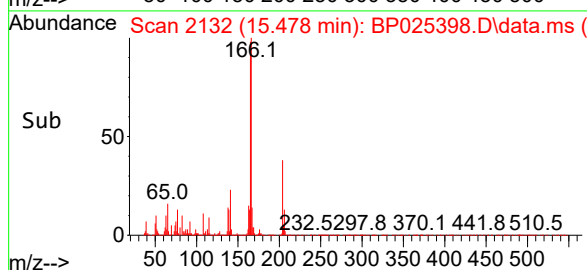
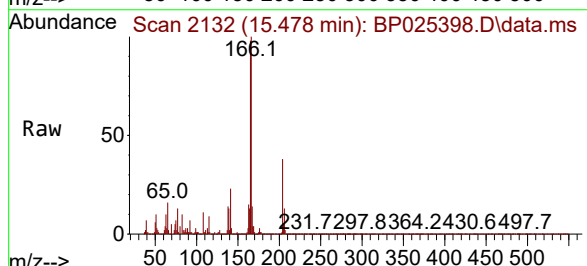
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

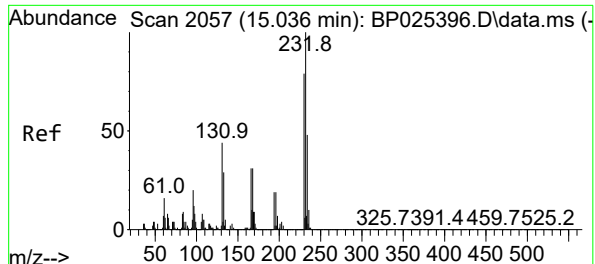
Tgt Ion:165 Resp: 650054
Ion Ratio Lower Upper
165 100
63 37.0 31.4 47.2
89 63.3 53.3 79.9
182 2.9 2.3 3.5



#58
Fluorene
Concen: 58.236 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:166 Resp: 1836972
Ion Ratio Lower Upper
166 100
165 97.8 78.8 118.2
167 13.6 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 62.307 ng

RT: 15.042 min Scan# 2058

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:232 Resp: 541317

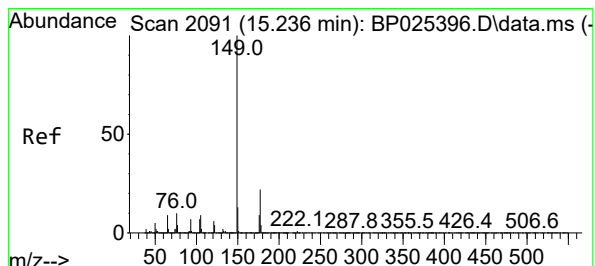
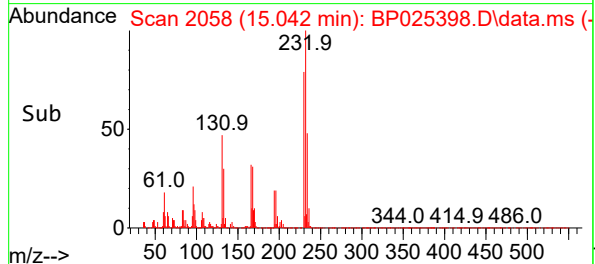
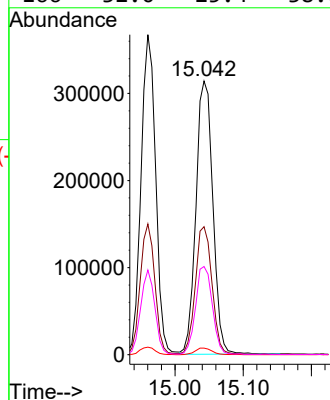
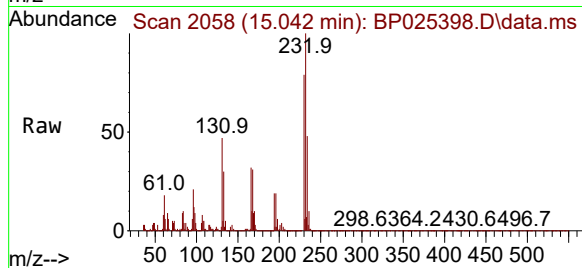
Ion Ratio Lower Upper

232 100

131 46.2 37.0 55.6

130 2.4 1.9 2.9

166 32.0 25.4 38.0



#60

Diethylphthalate

Concen: 58.840 ng

RT: 15.254 min Scan# 2094

Delta R.T. 0.018 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

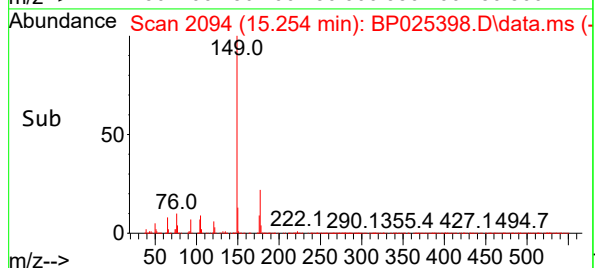
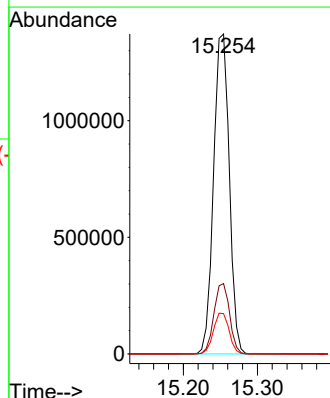
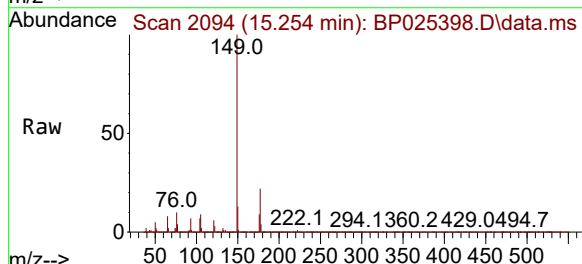
Tgt Ion:149 Resp: 2015888

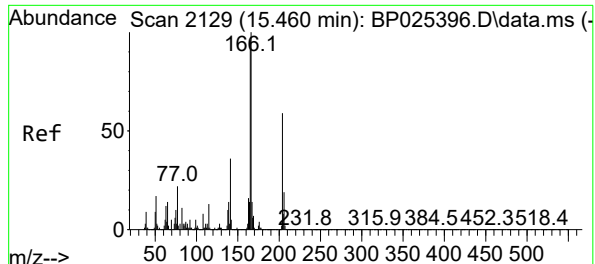
Ion Ratio Lower Upper

149 100

177 22.0 17.3 25.9

150 12.6 10.3 15.5

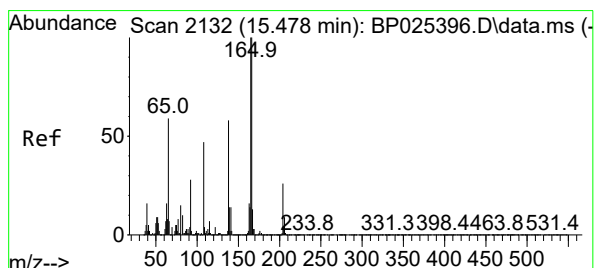
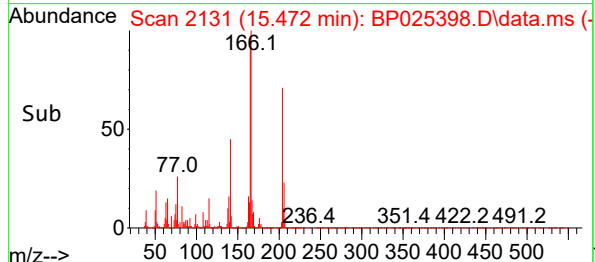
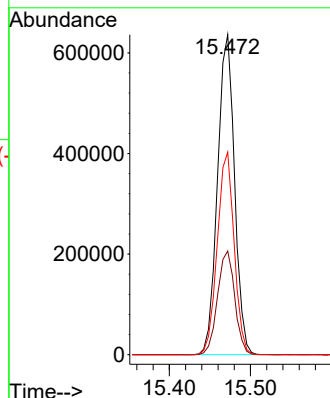
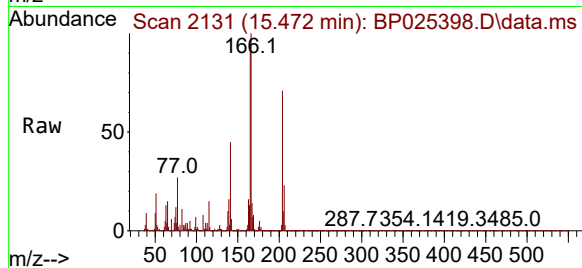




#61
4-Chlorophenyl-phenylether
Concen: 59.044 ng
RT: 15.472 min Scan# 2131
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

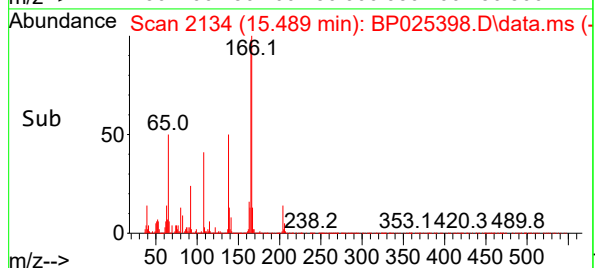
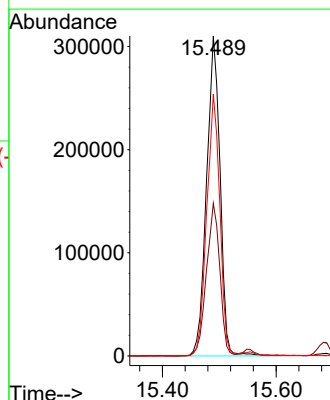
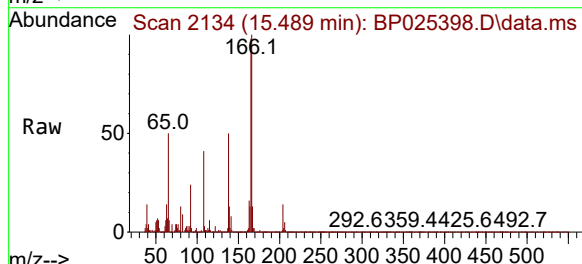
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

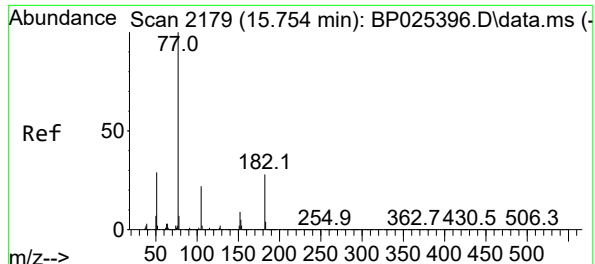
Tgt Ion:204 Resp: 926280
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.8
141 63.3 49.4 74.2



#62
4-Nitroaniline
Concen: 62.272 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:138 Resp: 510438
Ion Ratio Lower Upper
138 100
92 47.7 29.1 69.1
108 81.8 61.5 101.5

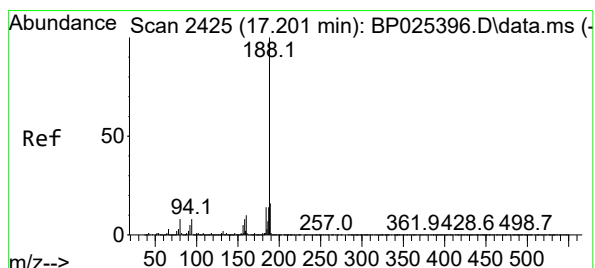
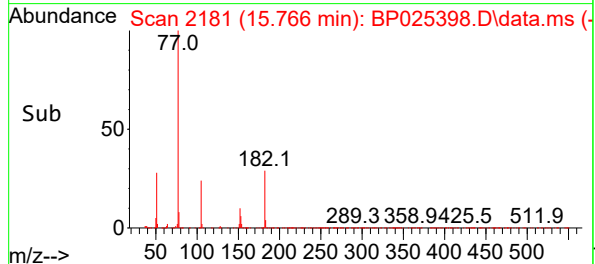
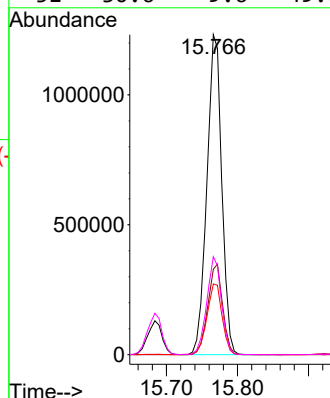
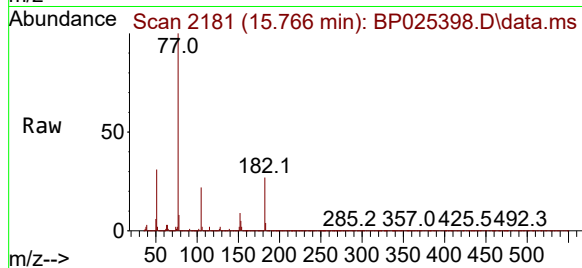




#63
Azobenzene
Concen: 61.242 ng
RT: 15.766 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

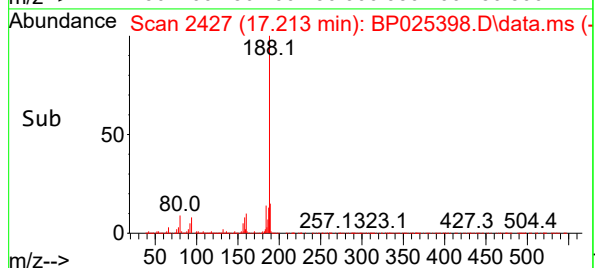
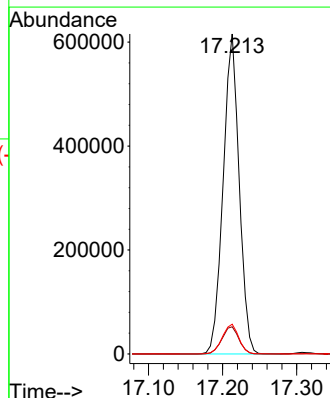
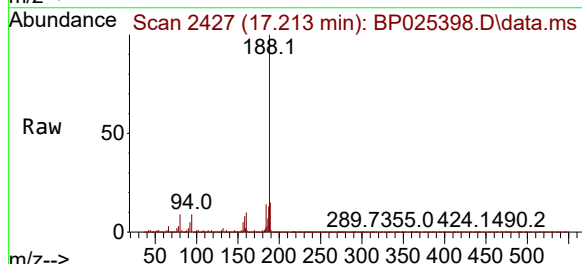
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

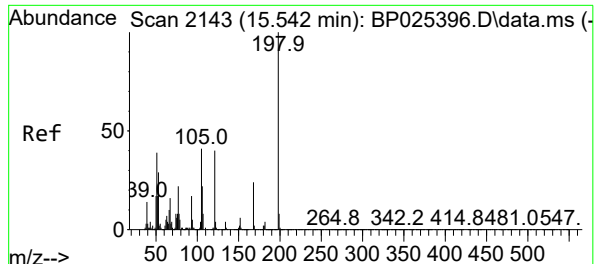
Tgt Ion: 77 Resp: 1796580
Ion Ratio Lower Upper
77 100
182 26.7 7.5 47.5
105 22.1 2.1 42.1
51 30.6 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 188 Resp: 923402
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.3 6.7 10.1

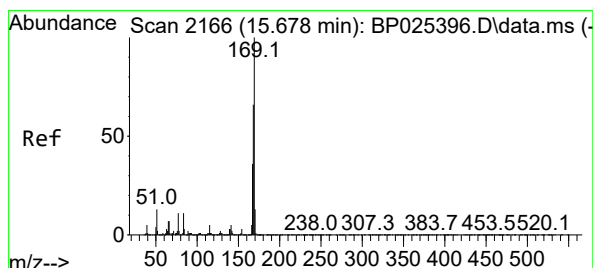
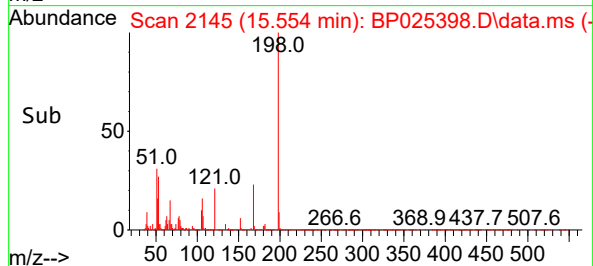
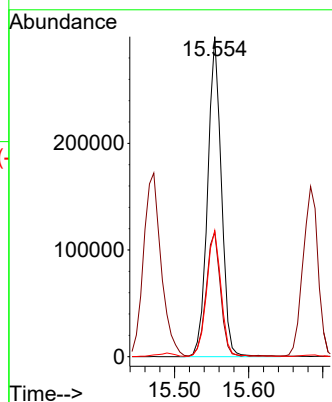
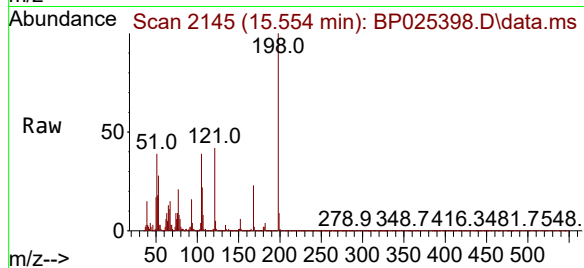




#65
4,6-Dinitro-2-methylphenol
Concen: 67.038 ng
RT: 15.554 min Scan# 2145
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

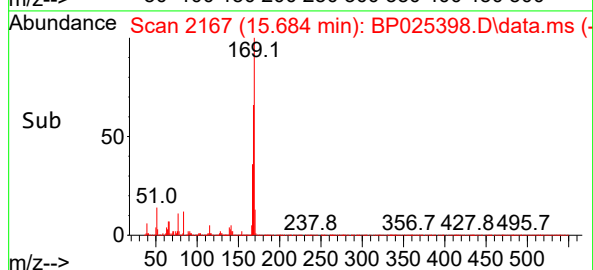
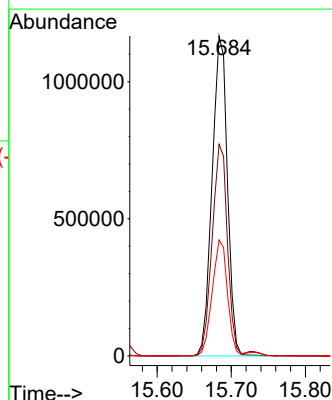
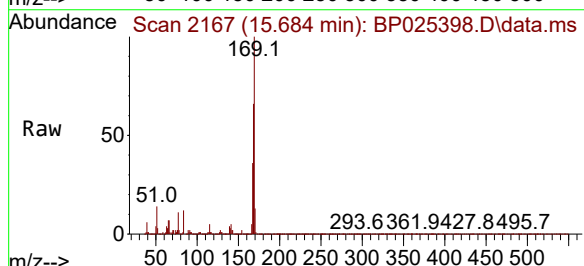
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

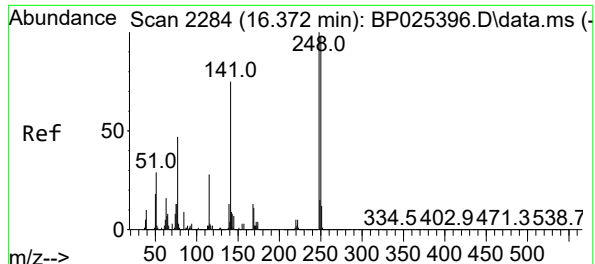
Tgt Ion:198 Resp: 385873
Ion Ratio Lower Upper
198 100
51 38.9 19.6 59.6
105 39.4 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 59.478 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:169 Resp: 1674806
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 36.3 28.7 43.1

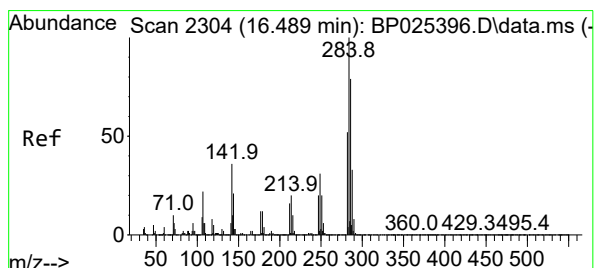
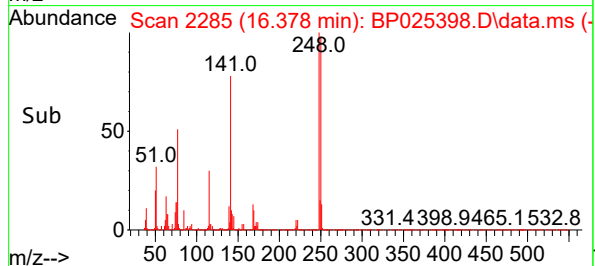
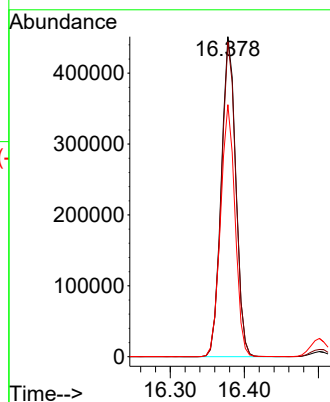
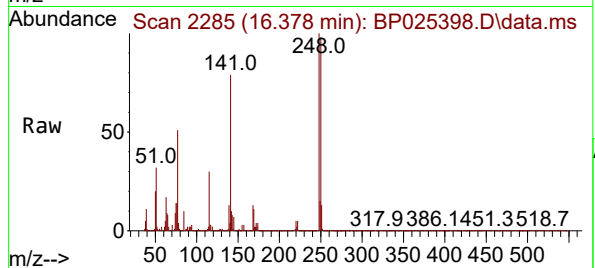




#67
4-Bromophenyl-phenylether
Concen: 60.731 ng
RT: 16.378 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

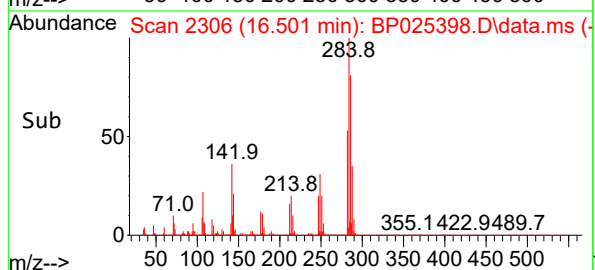
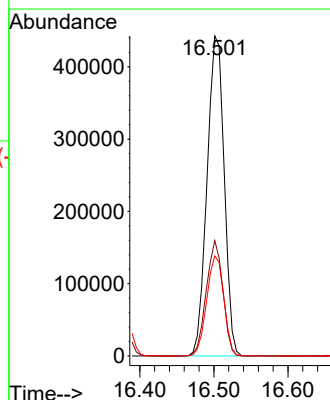
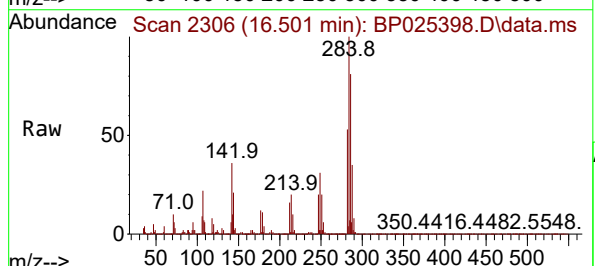
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

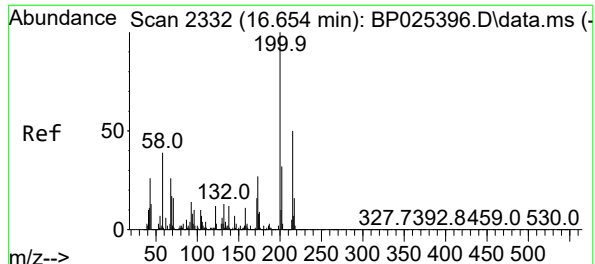
Tgt Ion:248 Resp: 616767
Ion Ratio Lower Upper
248 100
250 98.4 78.2 117.2
141 78.7 59.6 89.4



#68
Hexachlorobenzene
Concen: 60.461 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:284 Resp: 711778
Ion Ratio Lower Upper
284 100
142 36.1 29.1 43.7
249 31.3 25.0 37.4





#69

Atrazine

Concen: 60.063 ng

RT: 16.666 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

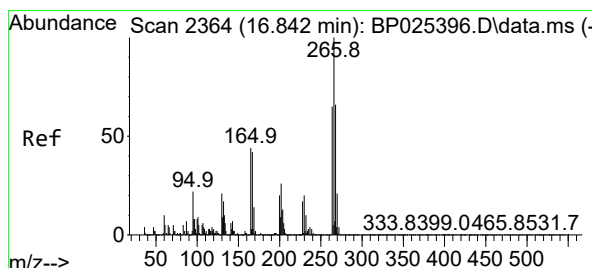
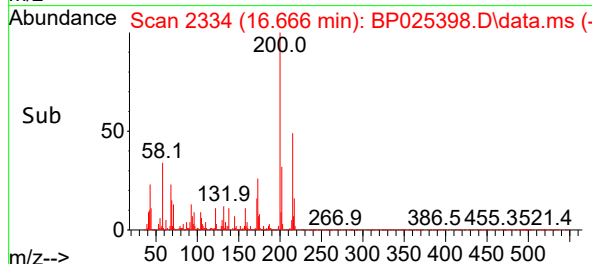
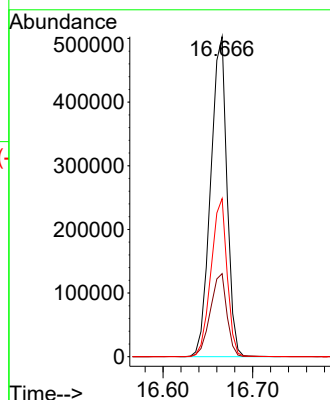
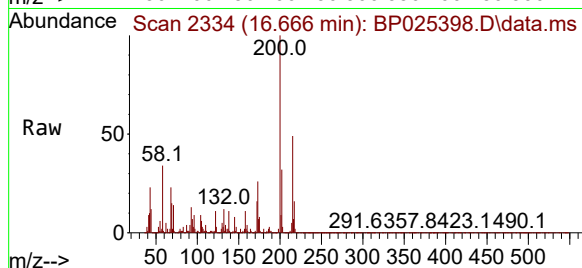
Tgt Ion:200 Resp: 633381

Ion Ratio Lower Upper

200 100

173 26.0 6.7 46.7

215 49.4 29.7 69.7



#70

Pentachlorophenol

Concen: 63.820 ng

RT: 16.854 min Scan# 2366

Delta R.T. 0.012 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

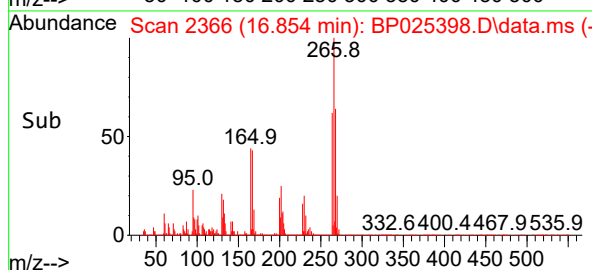
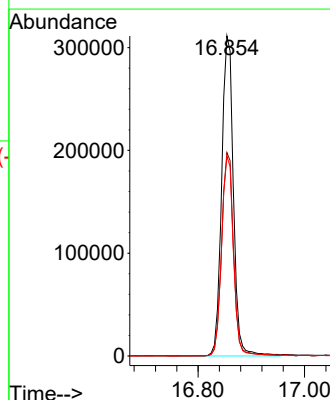
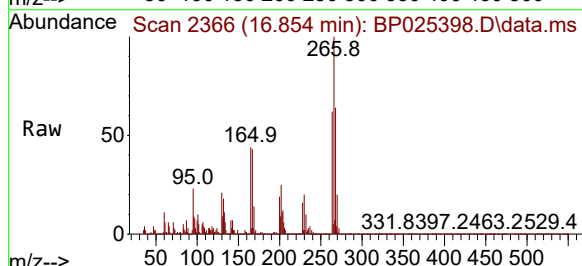
Tgt Ion:266 Resp: 474276

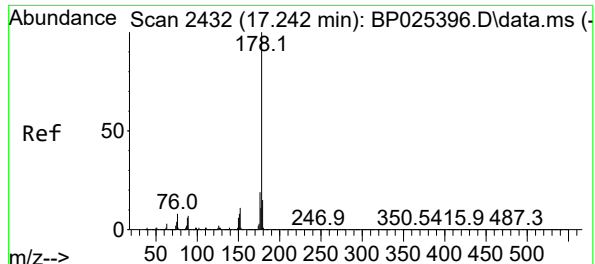
Ion Ratio Lower Upper

266 100

268 63.5 52.6 79.0

264 62.4 52.0 78.0

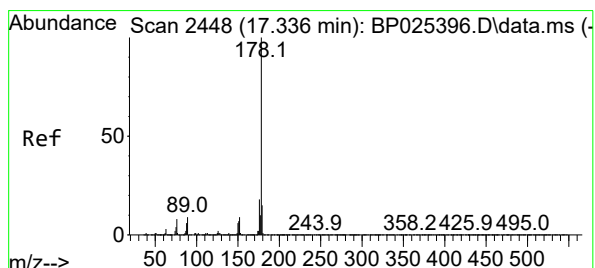
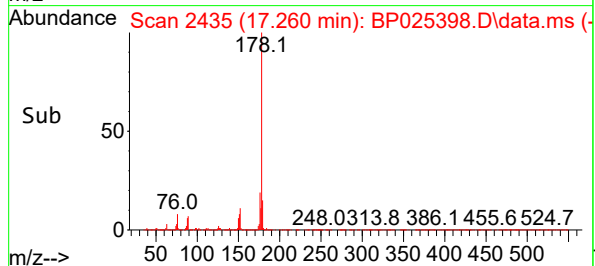
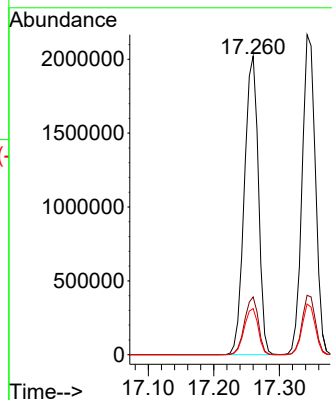
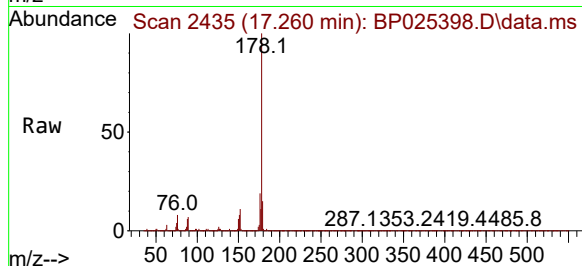




#71
Phenanthrene
Concen: 59.263 ng
RT: 17.260 min Scan# 2435
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

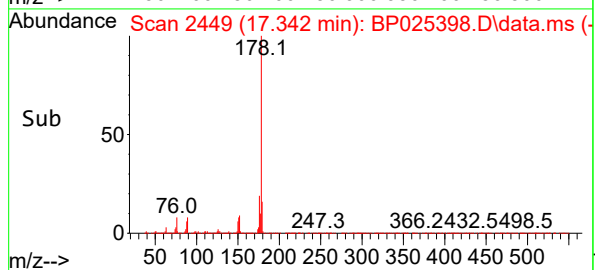
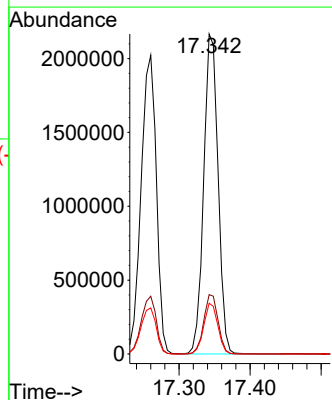
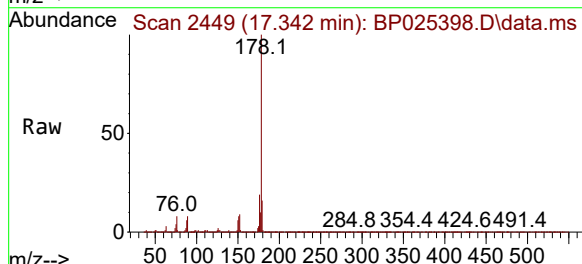
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

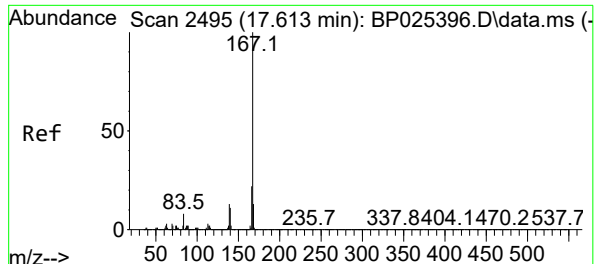
Tgt Ion:178 Resp: 3006132
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.4 12.2 18.4



#72
Anthracene
Concen: 58.895 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

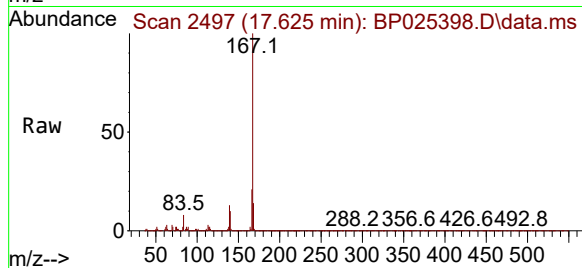
Tgt Ion:178 Resp: 3050794
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.9 12.2 18.2



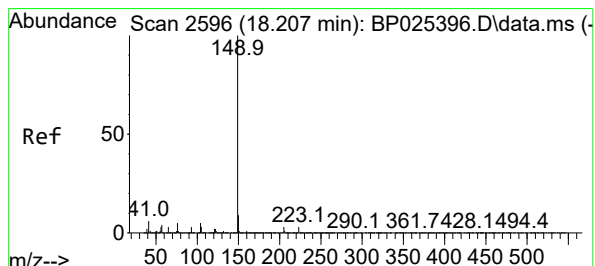
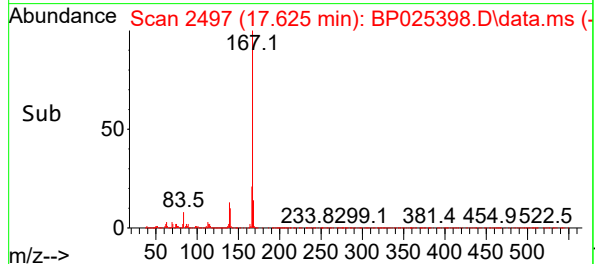
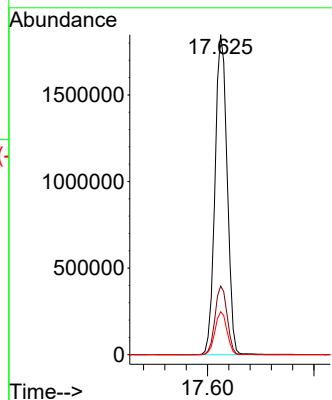


#73
Carbazole
Concen: 59.776 ng
RT: 17.625 min Scan# 2497
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

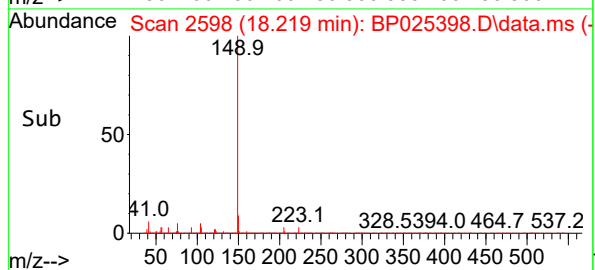
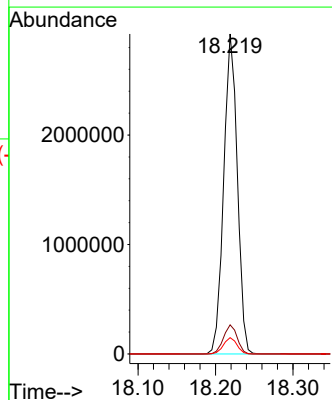
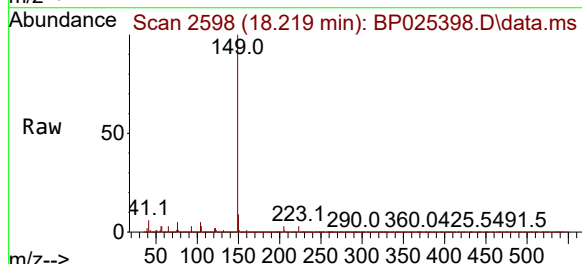


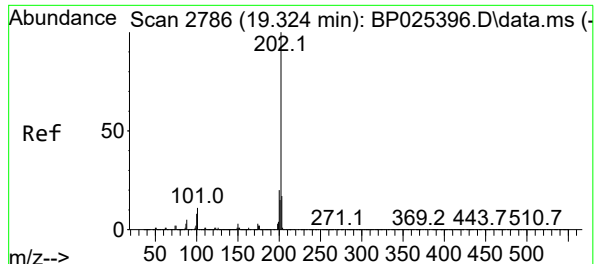
Tgt Ion:167 Resp: 2916606
Ion Ratio Lower Upper
167 100
166 21.4 17.5 26.3
139 13.4 10.6 16.0



#74
Di-n-butylphthalate
Concen: 59.310 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:149 Resp: 3560427
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.1 4.2 6.2

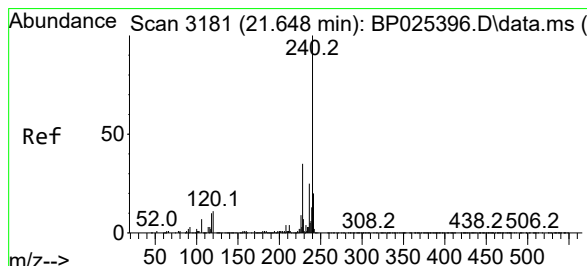
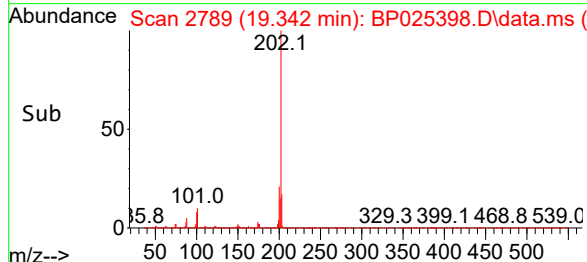
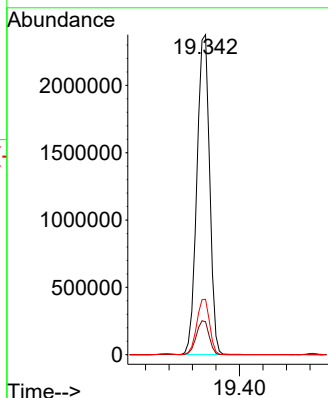
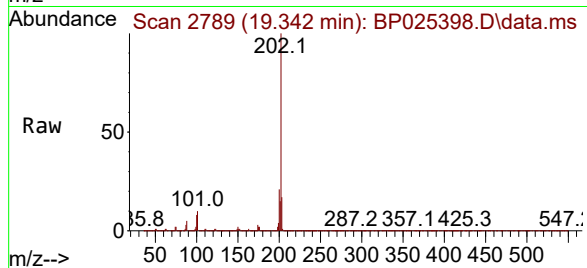




#75
Fluoranthene
Concen: 58.899 ng
RT: 19.342 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

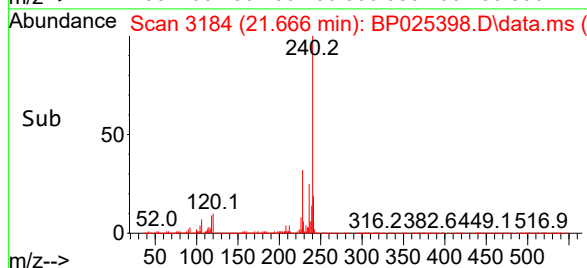
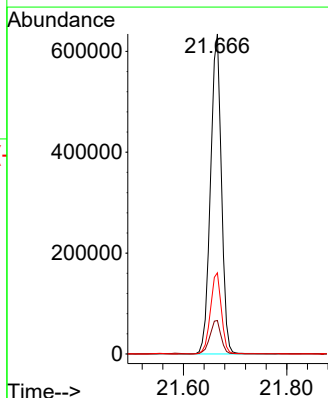
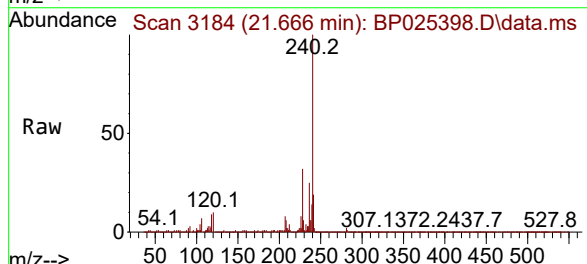
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

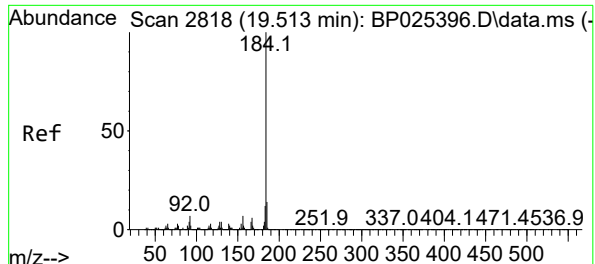
Tgt Ion:202 Resp: 3563798
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.1
203 17.3 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.666 min Scan# 3184
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:240 Resp: 926019
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 25.3 19.8 29.8

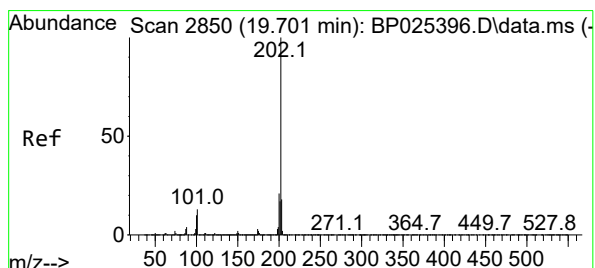
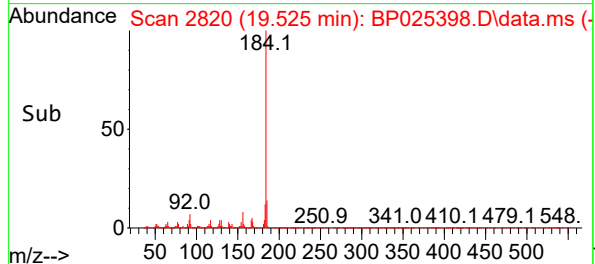
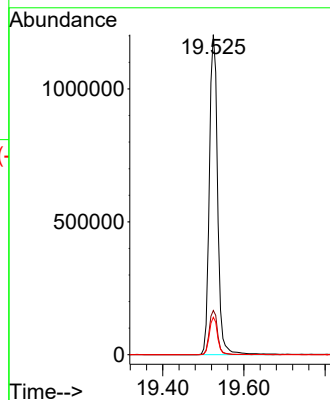
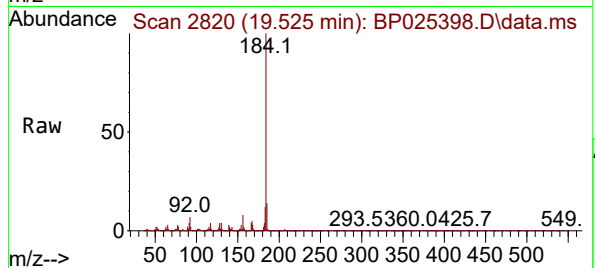




#77
Benzidine
Concen: 53.489 ng
RT: 19.525 min Scan# 2818
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

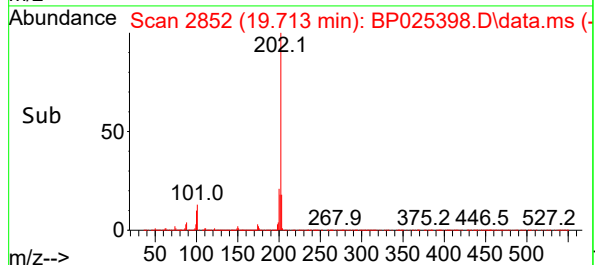
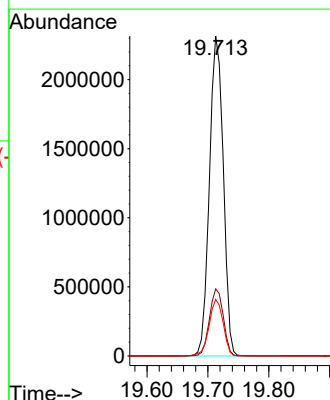
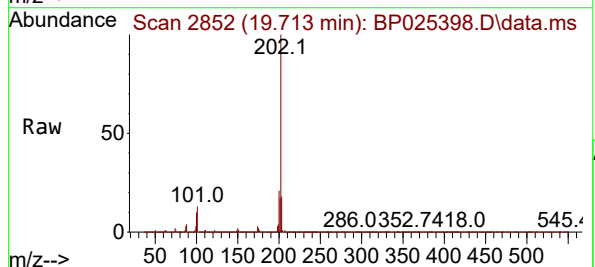
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

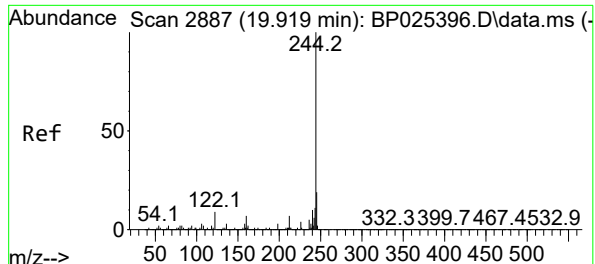
Tgt Ion:184 Resp: 1690432
Ion Ratio Lower Upper
184 100
185 13.8 11.5 17.3
183 11.7 9.4 14.2



#78
Pyrene
Concen: 60.883 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:202 Resp: 3664453
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.7 14.2 21.2

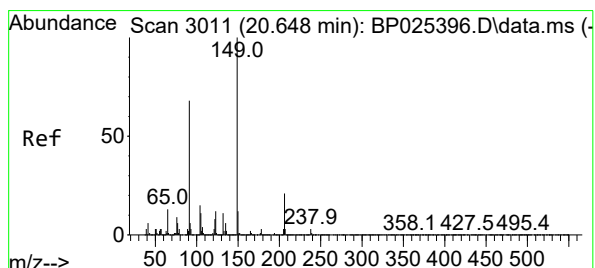
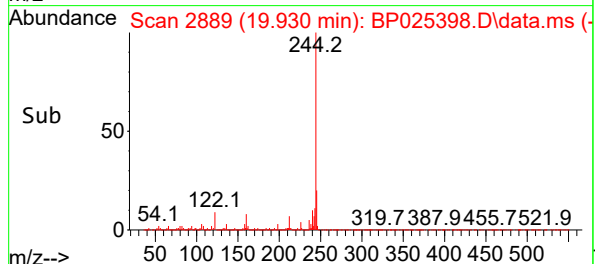
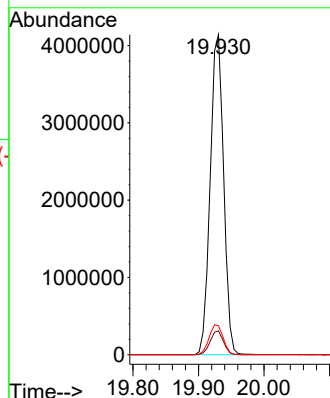
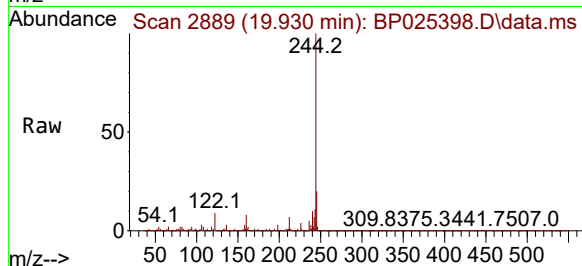




#79
Terphenyl-d14
Concen: 116.490 ng
RT: 19.930 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

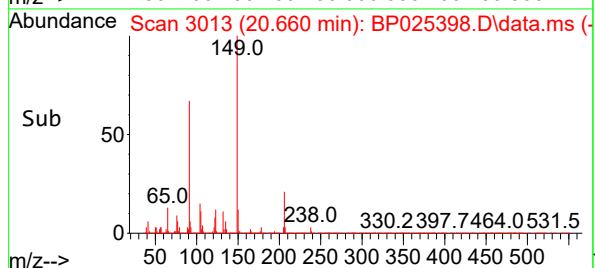
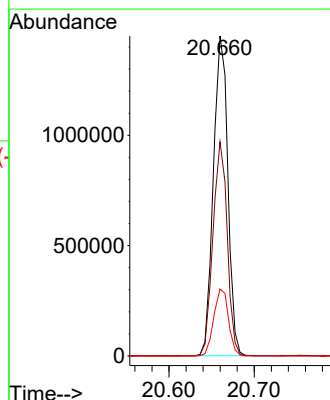
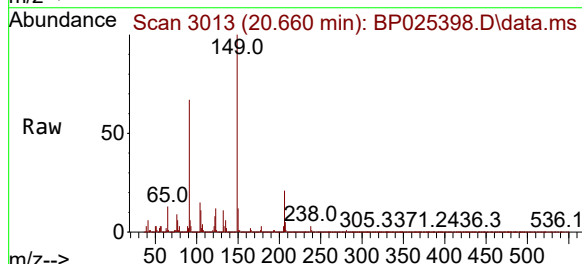
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

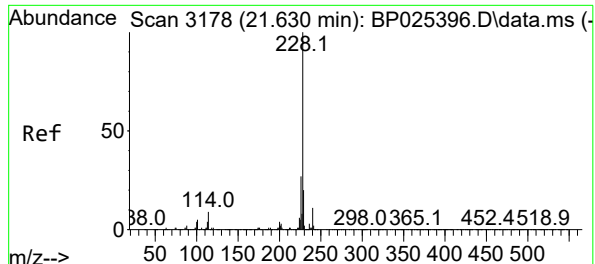
Tgt Ion:244 Resp: 5896004
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.0 7.4 11.2



#80
Butylbenzylphthalate
Concen: 62.697 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:149 Resp: 1710246
Ion Ratio Lower Upper
149 100
91 66.9 54.2 81.2
206 20.9 16.6 24.8





#81

Benzo(a)anthracene

Concen: 60.619 ng

RT: 21.648 min Scan# 3181

Delta R.T. 0.018 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

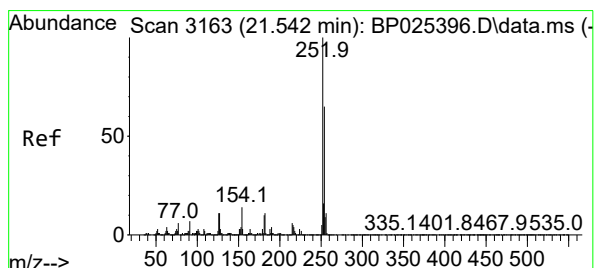
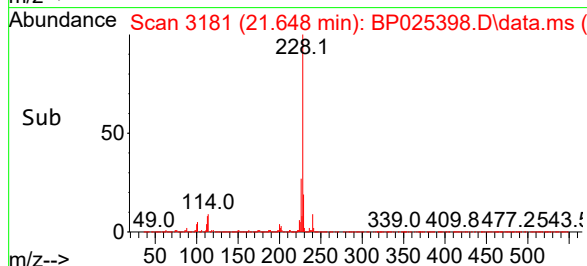
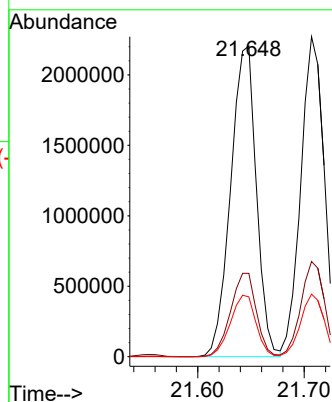
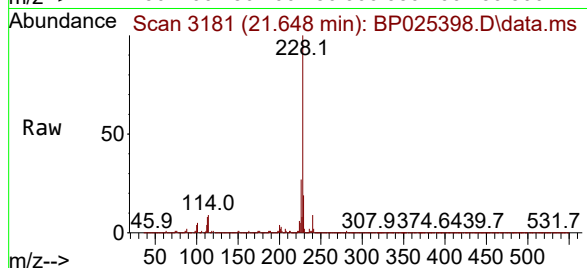
Tgt Ion:228 Resp: 3702064

Ion Ratio Lower Upper

228 100

226 26.8 21.7 32.5

229 19.2 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 61.062 ng

RT: 21.554 min Scan# 3165

Delta R.T. 0.012 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

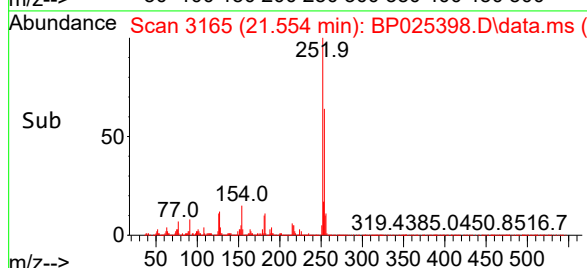
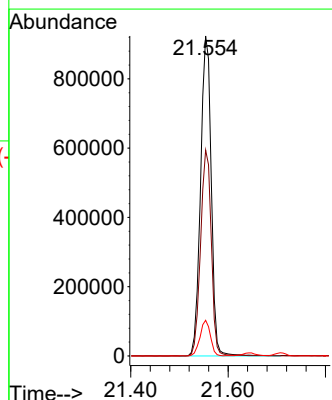
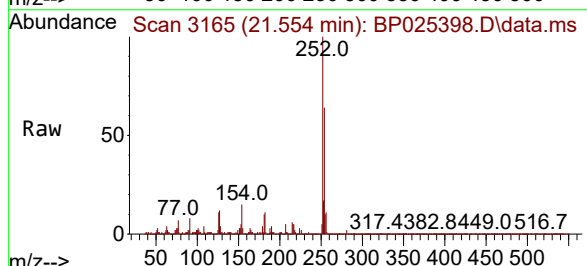
Tgt Ion:252 Resp: 1405597

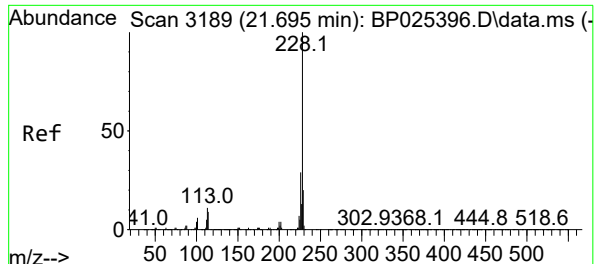
Ion Ratio Lower Upper

252 100

254 64.4 51.8 77.6

126 11.2 9.1 13.7





#83

Chrysene

Concen: 60.387 ng

RT: 21.707 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

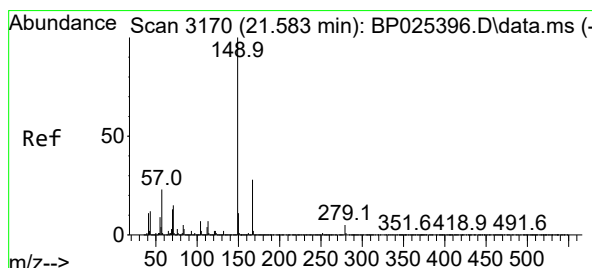
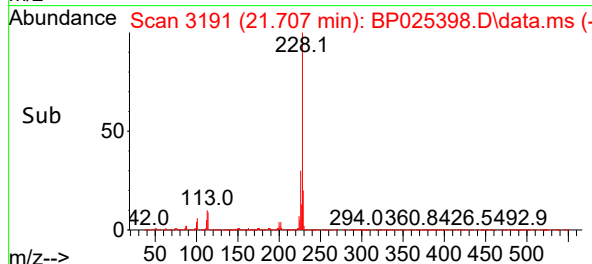
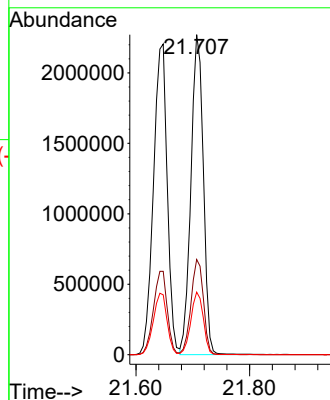
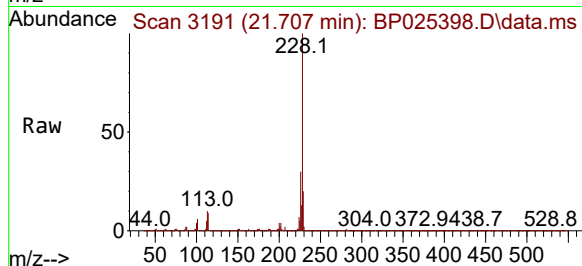
Tgt Ion:228 Resp: 3453736

Ion Ratio Lower Upper

228 100

226 29.7 23.2 34.8

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.038 ng

RT: 21.583 min Scan# 3170

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

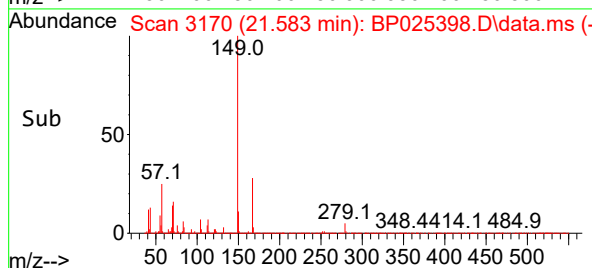
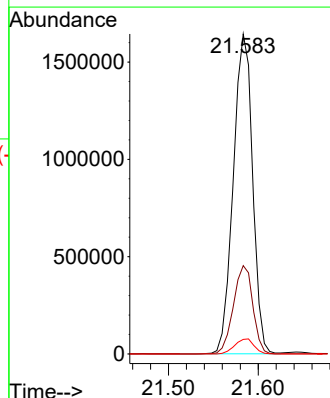
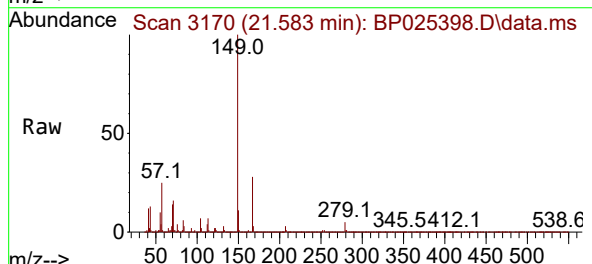
Tgt Ion:149 Resp: 2450963

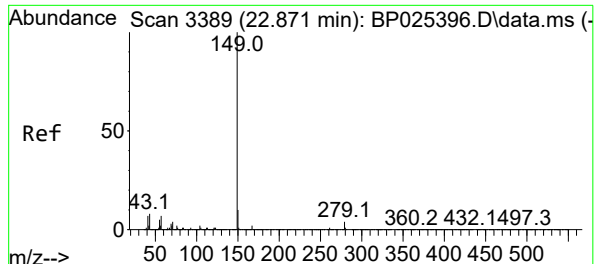
Ion Ratio Lower Upper

149 100

167 27.6 22.1 33.1

279 4.6 3.8 5.6

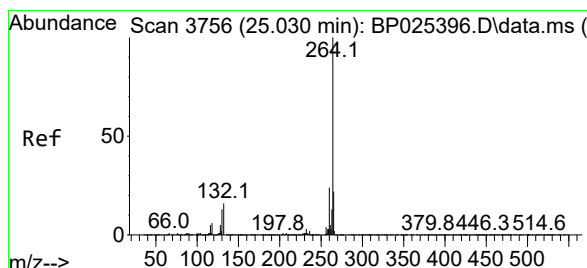
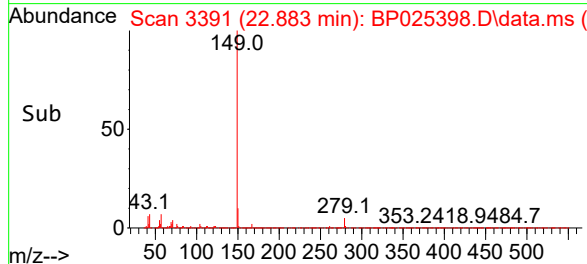
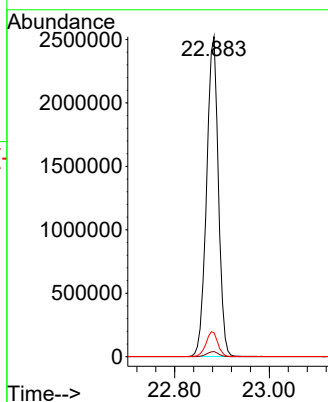
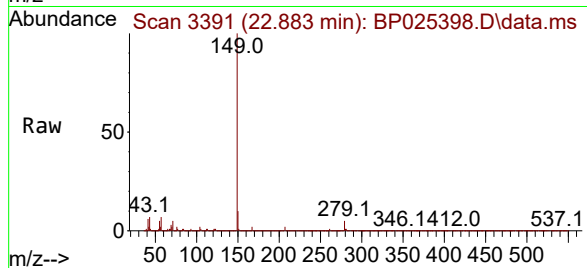




#85
Di-n-octyl phthalate
Concen: 62.869 ng
RT: 22.883 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

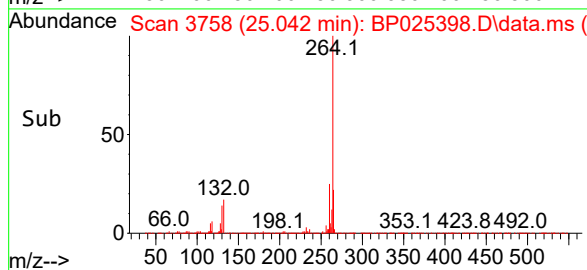
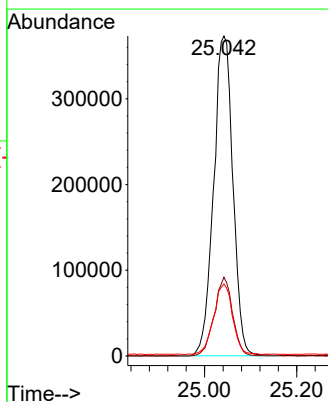
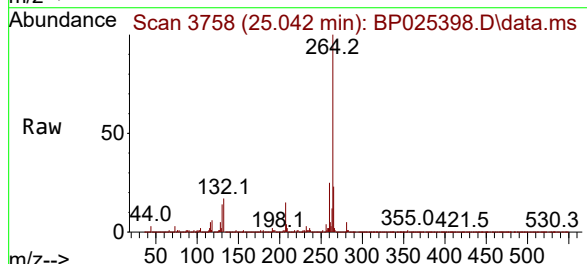
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

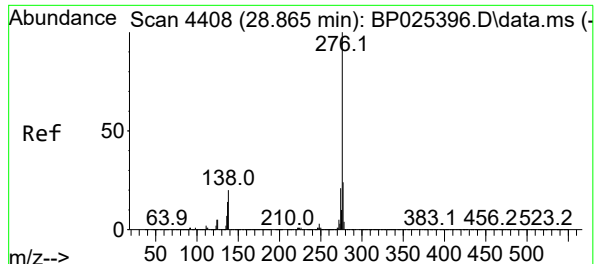
Tgt Ion:149 Resp: 4342211
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.8 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.042 min Scan# 3758
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:264 Resp: 1081163
Ion Ratio Lower Upper
264 100
260 24.6 19.3 28.9
265 22.5 17.4 26.0

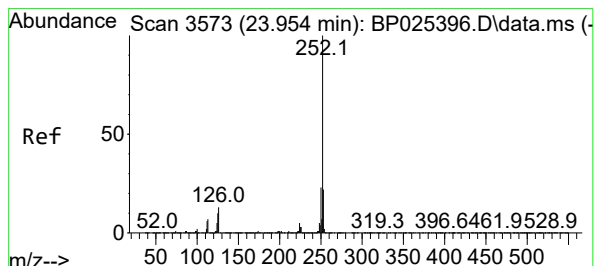
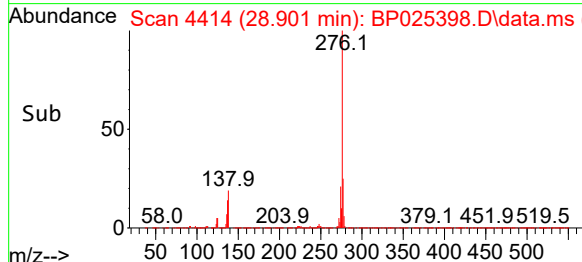
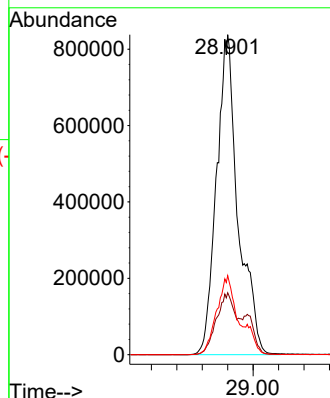
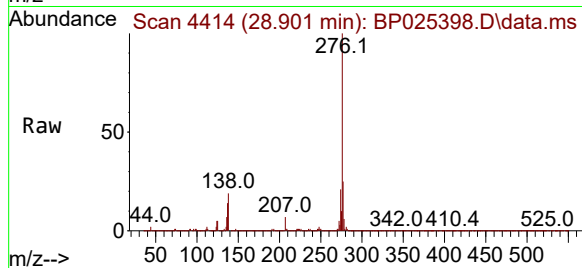




#87
Indeno(1,2,3-cd)pyrene
Concen: 62.248 ng
RT: 28.901 min Scan# 4408
Delta R.T. 0.035 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

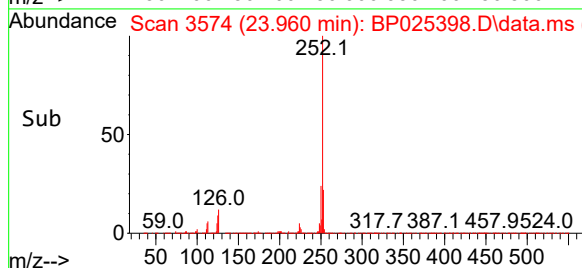
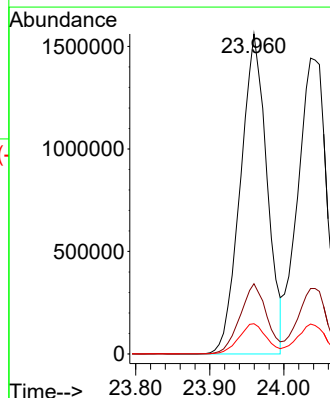
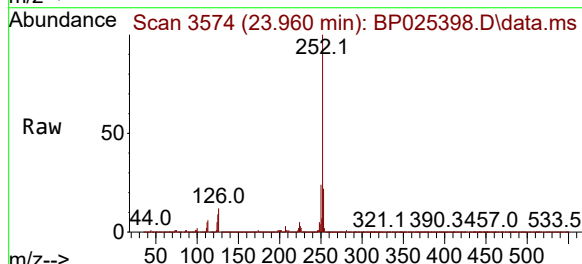
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

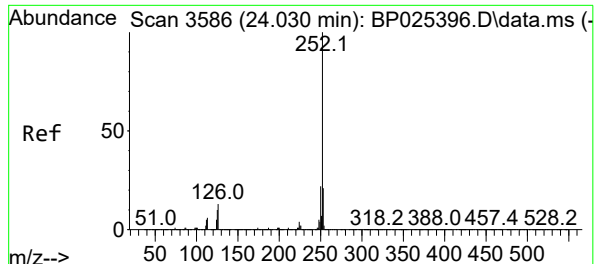
Tgt Ion:276 Resp: 4937235
Ion Ratio Lower Upper
276 100
138 18.5 12.9 19.3
277 22.4 17.0 25.6



#88
Benzo(b)fluoranthene
Concen: 60.914 ng
RT: 23.960 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:252 Resp: 3883465
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.4 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 61.334 ng

RT: 24.036 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

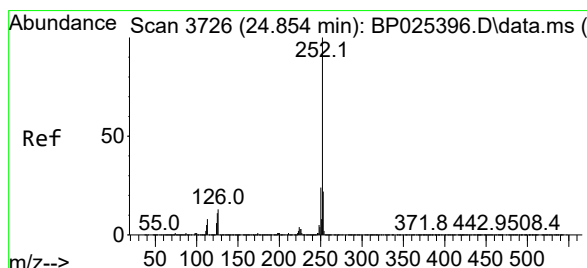
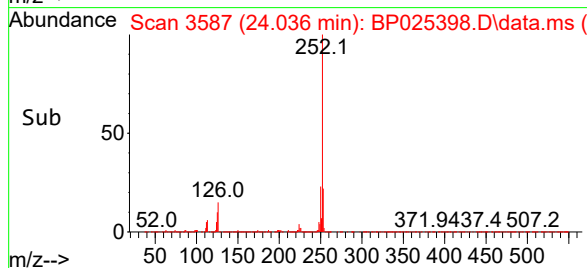
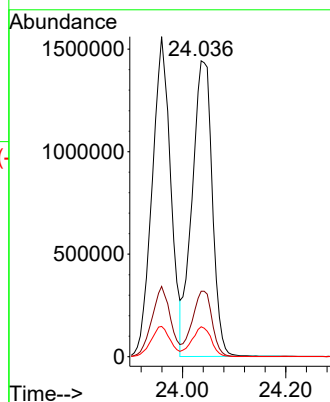
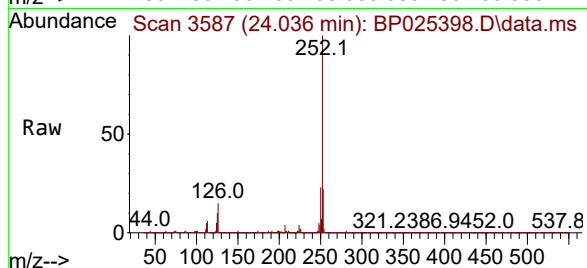
Tgt Ion:252 Resp: 3912900

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 10.1 7.8 11.6



#90

Benzo(a)pyrene

Concen: 61.959 ng

RT: 24.883 min Scan# 3731

Delta R.T. 0.030 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

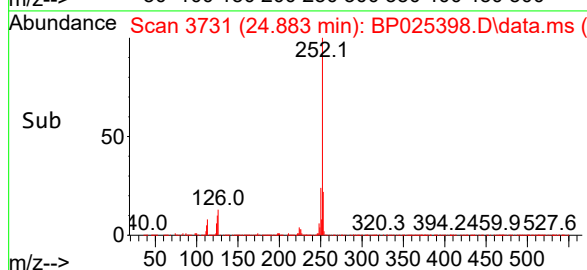
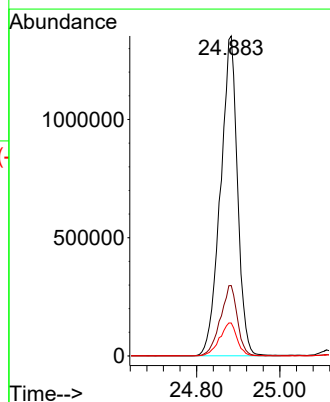
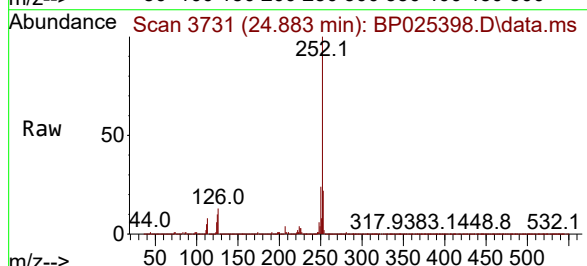
Tgt Ion:252 Resp: 3845093

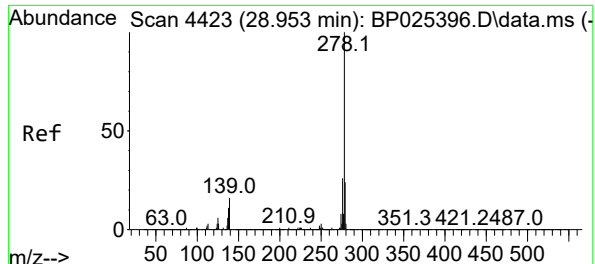
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.3 8.7 13.1

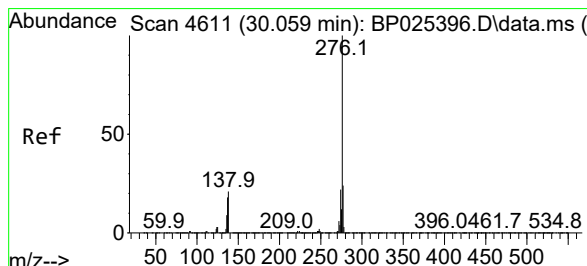
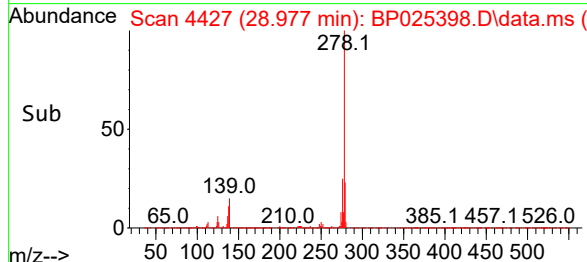
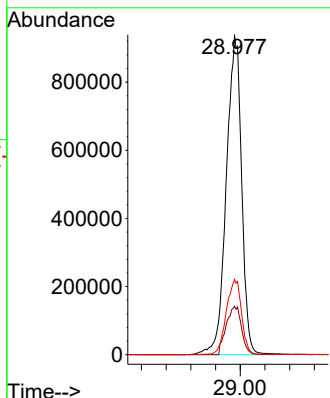
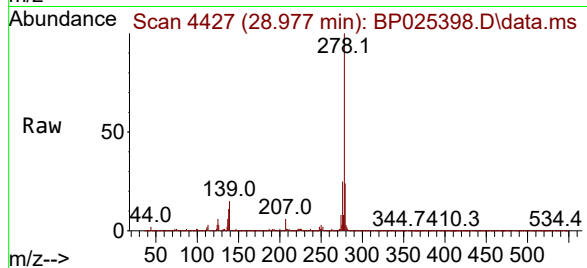




#91
Dibenzo(a,h)anthracene
Concen: 62.280 ng
RT: 28.977 min Scan# 4423
Delta R.T. 0.024 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

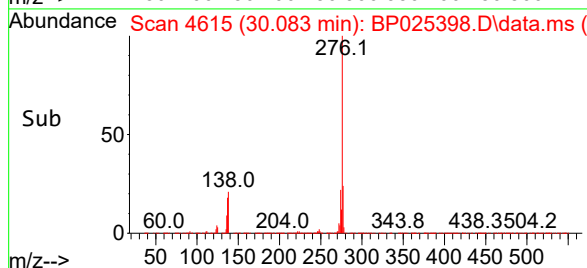
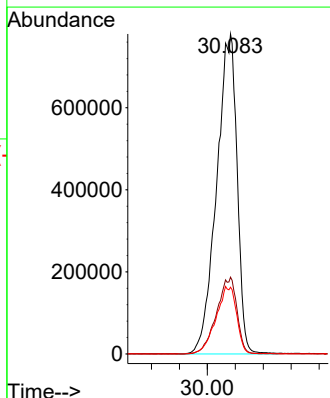
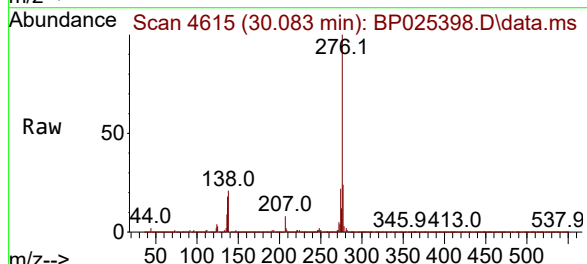
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 278 Resp: 4035414
Ion Ratio Lower Upper
278 100
139 15.1 13.0 19.4
279 23.5 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 62.159 ng
RT: 30.083 min Scan# 4615
Delta R.T. 0.024 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 276 Resp: 3958545
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.0
138 20.8 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025399.D
 Acq On : 14 Aug 2025 17:24
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:59:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	159148	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	673018	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	436046	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	856946	20.000	ng	# 0.00
76) Chrysene-d12	21.660	240	888879	20.000	ng	0.01
86) Perylene-d12	25.030	264	1037707	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1526166	159.254	ng	0.00
7) Phenol-d6	6.972	99	1989633	161.937	ng	0.00
23) Nitrobenzene-d5	8.937	82	2123522	159.609	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	936489	159.559	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	4712591	147.705	ng	0.00
79) Terphenyl-d14	19.930	244	7103816	146.217	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	291527	77.664	ng	99
3) Pyridine	3.731	79	807269	78.572	ng	97
4) n-Nitrosodimethylamine	3.637	42	344349	81.296	ng	99
6) Aniline	7.131	93	1333221	80.538	ng	100
8) 2-Chlorophenol	7.372	128	877073	81.104	ng	99
9) Benzaldehyde	6.943	77	582344	67.651	ng	98
10) Phenol	7.002	94	1040534	80.710	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	798672	79.481	ng	99
12) 1,3-Dichlorobenzene	7.684	146	950596	79.718	ng	98
13) 1,4-Dichlorobenzene	7.825	146	961421	78.882	ng	99
14) 1,2-Dichlorobenzene	8.143	146	922658	78.203	ng	99
15) Benzyl Alcohol	8.031	79	795618	81.498	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	1059824	78.732	ng	99
17) 2-Methylphenol	8.225	107	734482	82.028	ng	100
18) Hexachloroethane	8.866	117	355791	79.395	ng	94
19) n-Nitroso-di-n-propyla...	8.596	70	636387	78.102	ng	99
20) 3+4-Methylphenols	8.555	107	1005632	81.023	ng	97
22) Acetophenone	8.607	105	1314548	77.886	ng	99
24) Nitrobenzene	8.978	77	947511	79.686	ng	99
25) Isophorone	9.507	82	1829675	77.708	ng	99
26) 2-Nitrophenol	9.678	139	511806	83.872	ng	99
27) 2,4-Dimethylphenol	9.743	122	842467	80.280	ng	100
28) bis(2-Chloroethoxy)met...	9.972	93	1103640	77.542	ng	99
29) 2,4-Dichlorophenol	10.213	162	844787	81.037	ng	99
30) 1,2,4-Trichlorobenzene	10.425	180	892771	78.123	ng	98
31) Naphthalene	10.613	128	2722703	77.835	ng	99
32) Benzoic acid	9.901	122	686791	88.861	ng	99
33) 4-Chloroaniline	10.713	127	1232431	79.761	ng	100
34) Hexachlorobutadiene	10.901	225	557922	78.393	ng	99
35) Caprolactam	11.519	113	302874	79.233	ng	95
36) 4-Chloro-3-methylphenol	11.843	107	949779	79.399	ng	99
37) 2-Methylnaphthalene	12.213	142	1761325	77.372	ng	99
38) 1-Methylnaphthalene	12.437	142	1844376	76.186	ng	99
40) 1,2,4,5-Tetrachloroben...	12.584	216	995064	79.014	ng	100
41) Hexachlorocyclopentadiene	12.572	237	668771	87.916	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	706484	83.096	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025399.D
 Acq On : 14 Aug 2025 17:24
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:59:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	762861	81.870	ng	99
46) 1,1'-Biphenyl	13.231	154	2453536	77.476	ng	99
47) 2-Chloronaphthalene	13.272	162	1918120	77.804	ng	100
48) 2-Nitroaniline	13.472	65	594696	82.788	ng	96
49) Acenaphthylene	14.125	152	3194918	78.318	ng	100
50) Dimethylphthalate	13.860	163	2446951	76.632	ng	99
51) 2,6-Dinitrotoluene	13.972	165	542710	80.639	ng	99
52) Acenaphthene	14.472	154	1841448	76.902	ng	99
53) 3-Nitroaniline	14.301	138	618087	81.627	ng	100
54) 2,4-Dinitrophenol	14.507	184	339125	94.356	ng	100
55) Dibenzofuran	14.807	168	2915933	77.023	ng	99
56) 4-Nitrophenol	14.619	139	520294	83.618	ng	96
57) 2,4-Dinitrotoluene	14.766	165	791214	82.399	ng	99
58) Fluorene	15.466	166	2185593	73.164	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.031	232	661890	80.448	ng	100
60) Diethylphthalate	15.242	149	2494087	76.870	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	1105157	74.388	ng	97
62) 4-Nitroaniline	15.484	138	626525	80.710	ng	97
63) Azobenzene	15.760	77	2139674	77.017	ng	99
65) 4,6-Dinitro-2-methylph...	15.542	198	472602	88.473	ng	93
66) n-Nitrosodiphenylamine	15.678	169	2034782	77.866	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	745915	79.144	ng	98
68) Hexachlorobenzene	16.495	284	860051	78.721	ng	97
69) Atrazine	16.654	200	783533	80.064	ng	98
70) Pentachlorophenol	16.842	266	589673	85.502	ng	98
71) Phenanthrene	17.242	178	3623454	76.972	ng	99
72) Anthracene	17.336	178	3702277	77.014	ng	99
73) Carbazole	17.607	167	3503273	77.368	ng	99
74) Di-n-butylphthalate	18.219	149	4336701	77.844	ng	100
75) Fluoranthene	19.330	202	4313301	76.815	ng	99
77) Benzidine	19.525	184	2036246	67.124	ng	99
78) Pyrene	19.707	202	4410693	76.343	ng	99
80) Butylbenzylphthalate	20.660	149	2054404	78.460	ng	97
81) Benzo(a)anthracene	21.642	228	4532763	77.322	ng	100
82) 3,3'-Dichlorobenzidine	21.554	252	1705746	77.197	ng	100
83) Chrysene	21.707	228	4218161	76.835	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	3021891	78.400	ng	100
85) Di-n-octyl phthalate	22.877	149	5302080	79.974	ng	100
87) Indeno(1,2,3-cd)pyrene	28.895	276	6168570m	81.030	ng	
88) Benzo(b)fluoranthene	23.977	252	4876398	79.692	ng	100
89) Benzo(k)fluoranthene	24.054	252	4734637	77.323	ng	99
90) Benzo(a)pyrene	24.889	252	4735685	79.505	ng	99
91) Dibenzo(a,h)anthracene	28.983	278	5046260	81.142	ng	99
92) Benzo(g,h,i)perylene	30.106	276	4949477	80.973	ng	98

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

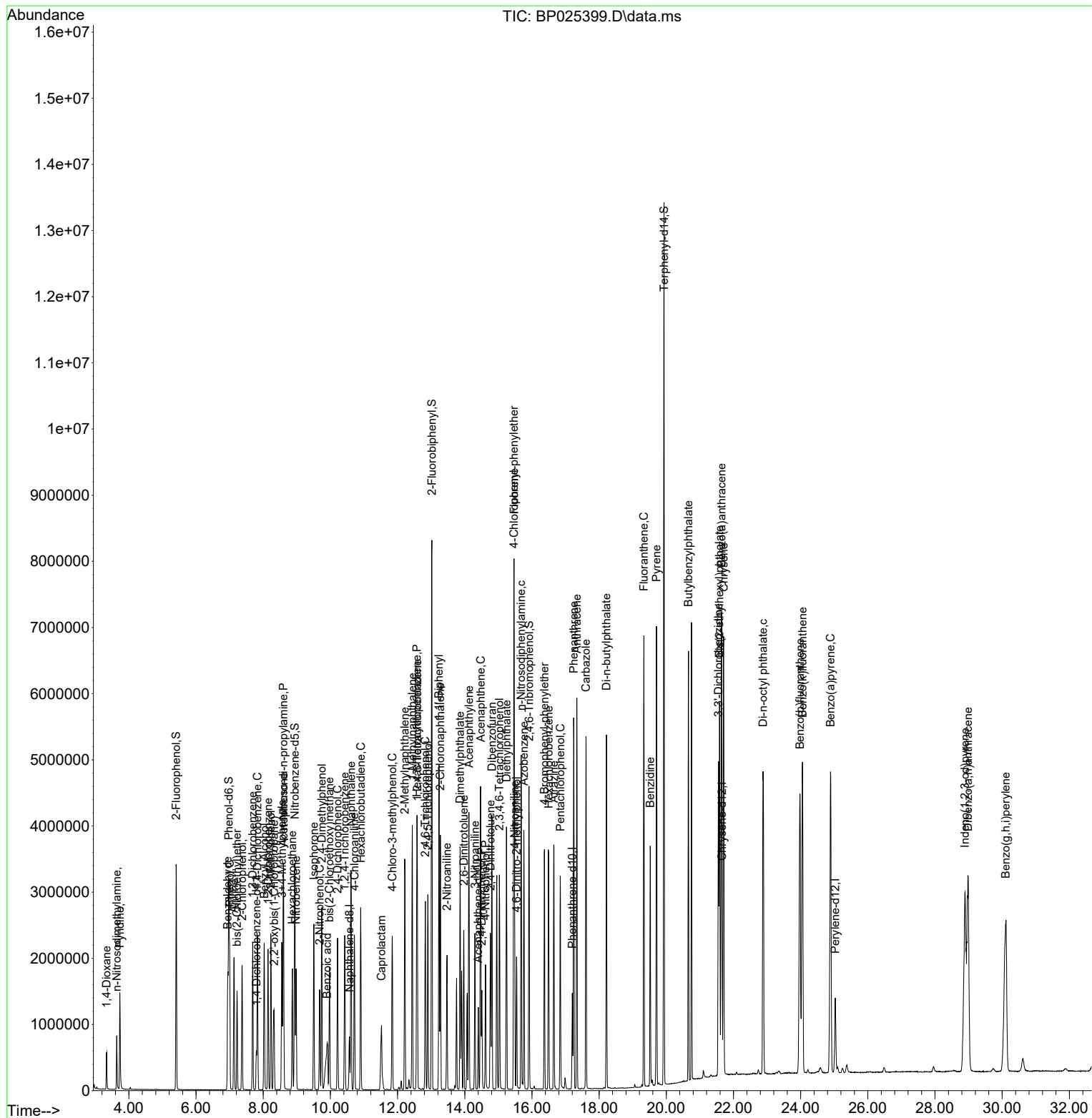
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Data File : BP025399.D  
Acq On    : 14 Aug 2025   17:24  
Operator  : CG/JU  
Sample    : SSTDICC080  
Misc      :  
ALS Vial  : 10    Sample Multiplier: 1
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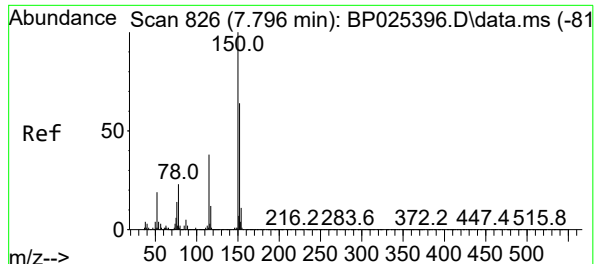
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BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

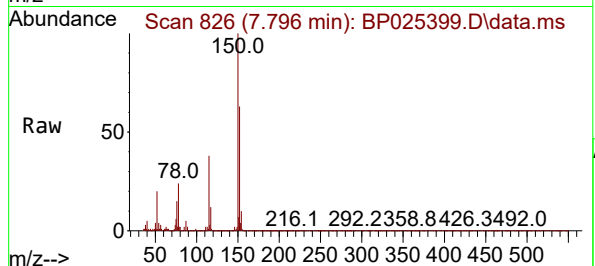
Quant Time: Aug 14 17:59:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

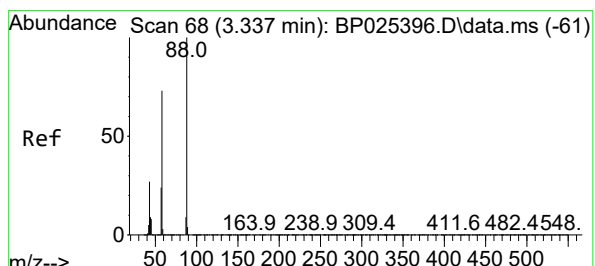
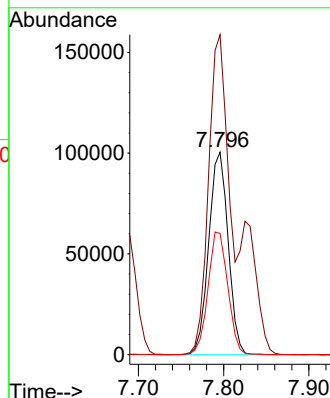
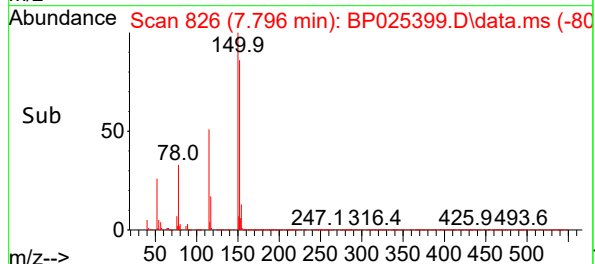
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 152 Resp: 15914
Ion Ratio Lower Upper
152 100
150 157.9 125.9 188.9
115 59.9 48.5 72.7

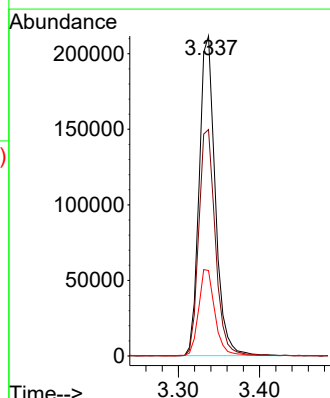
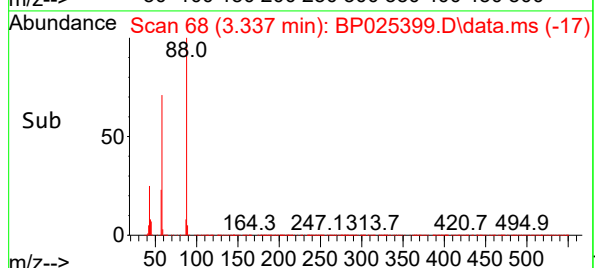
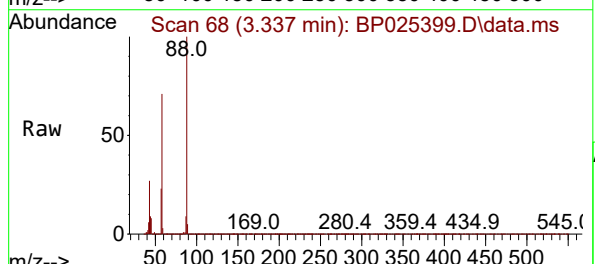
Manual Integrations
APPROVED

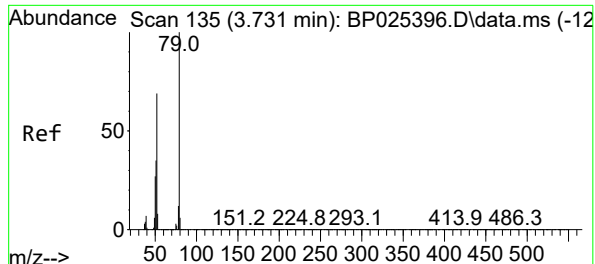
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 77.664 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

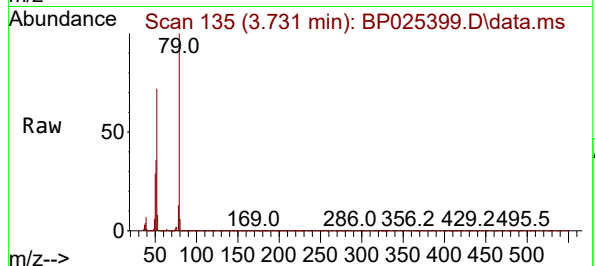
Tgt Ion: 88 Resp: 291527
Ion Ratio Lower Upper
88 100
58 73.3 59.2 88.8
43 27.4 21.7 32.5





#3
Pyridine
Concen: 78.572 ng
RT: 3.731 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

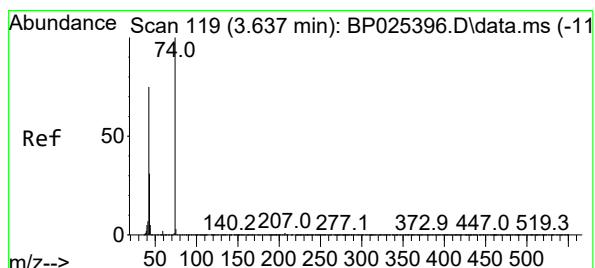
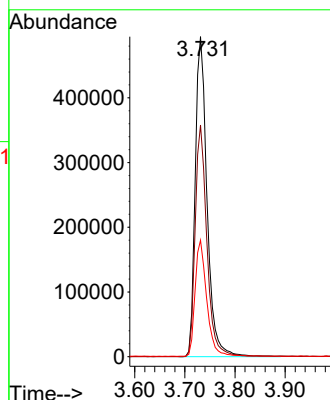
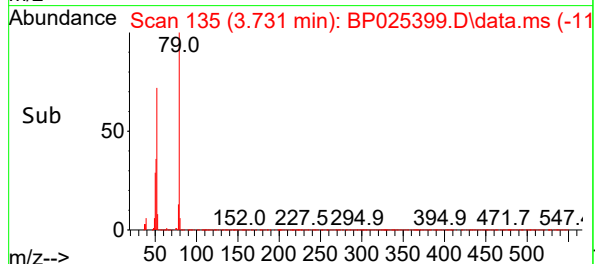
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 807269
Ion Ratio Lower Upper
79 100
52 72.4 55.5 83.3
51 36.4 28.3 42.5

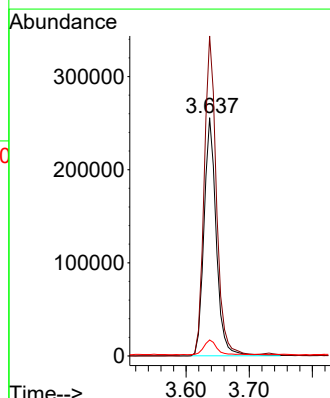
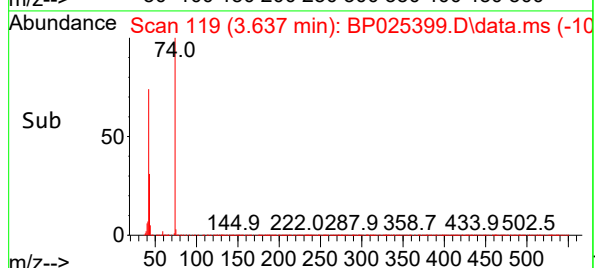
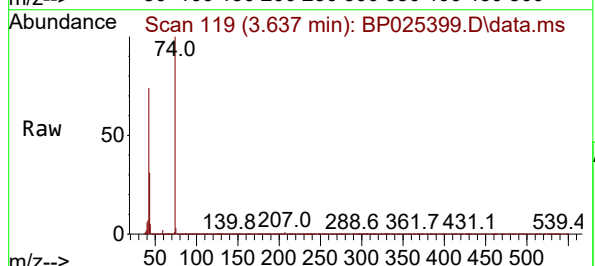
Manual Integrations
APPROVED

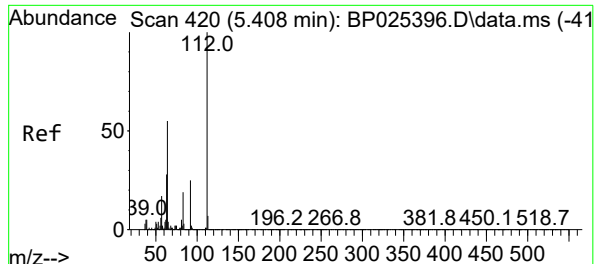
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#4
n-Nitrosodimethylamine
Concen: 81.296 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

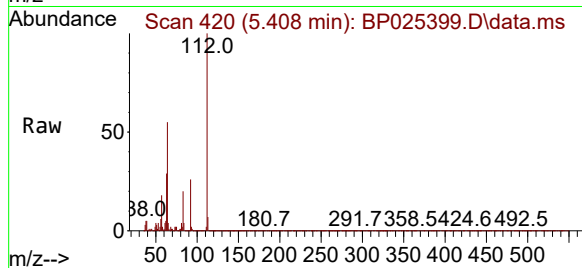
Tgt Ion: 42 Resp: 344349
Ion Ratio Lower Upper
42 100
74 134.3 107.0 160.4
44 6.7 6.2 9.4





#5
2-Fluorophenol
Concen: 159.254 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

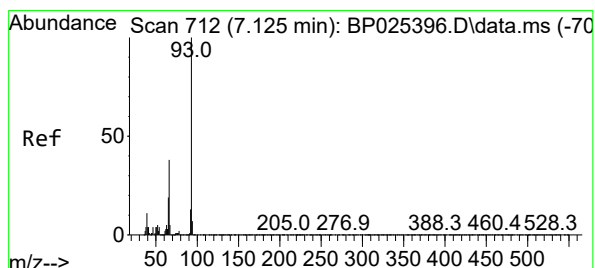
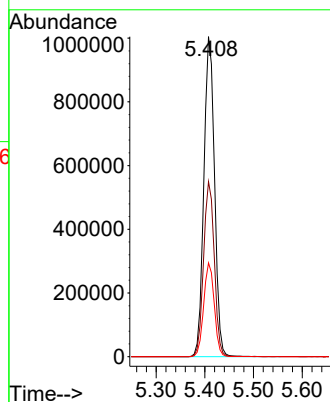
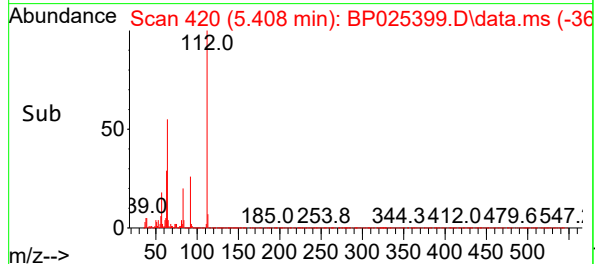
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:112 Resp: 152616
Ion Ratio Lower Upper
112 100
64 54.7 43.8 65.8
63 29.3 22.7 34.1

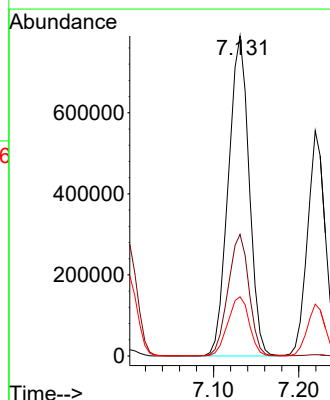
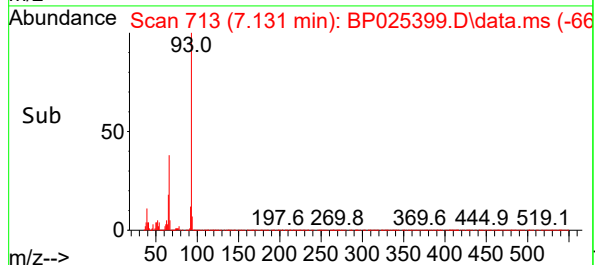
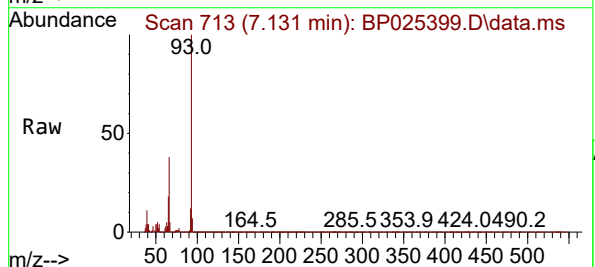
Manual Integrations
APPROVED

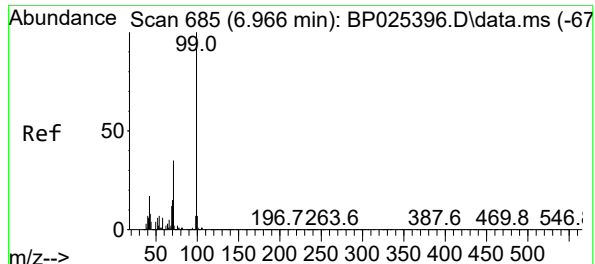
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#6
Aniline
Concen: 80.538 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

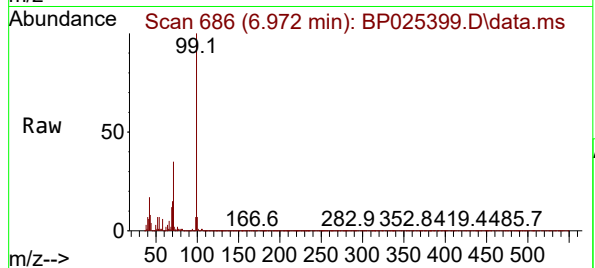
Tgt Ion: 93 Resp: 1333221
Ion Ratio Lower Upper
93 100
66 38.0 30.4 45.6
65 18.5 15.3 22.9





#7
Phenol-d6
Concen: 161.937 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

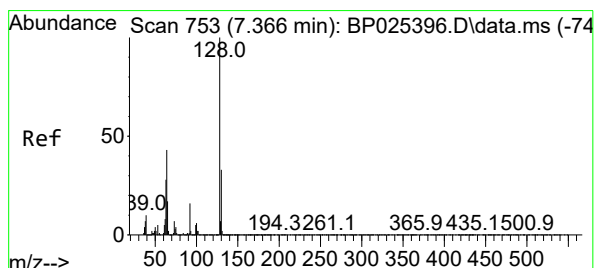
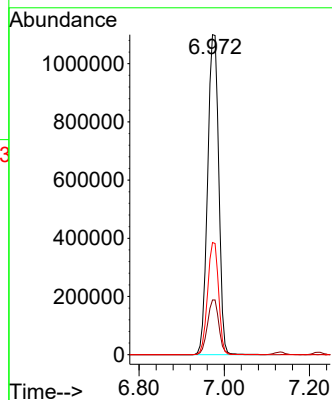
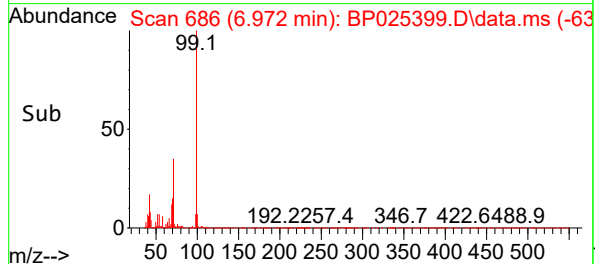
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 99 Resp: 198963
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 35.1 28.2 42.4

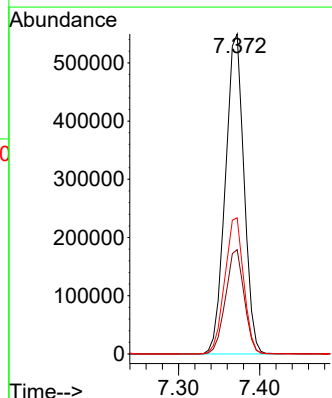
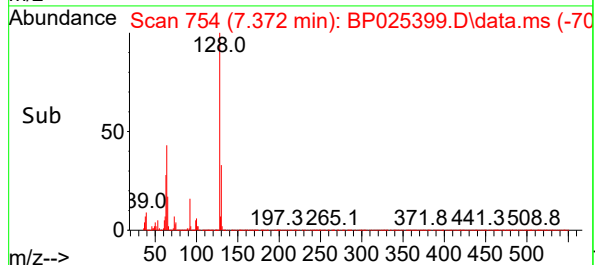
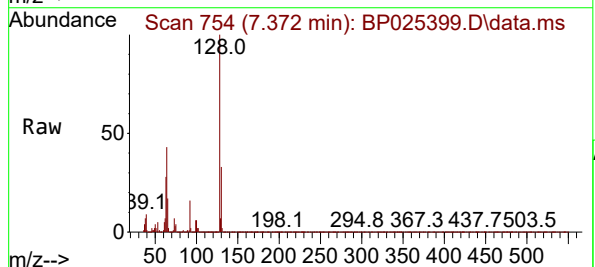
Manual Integrations
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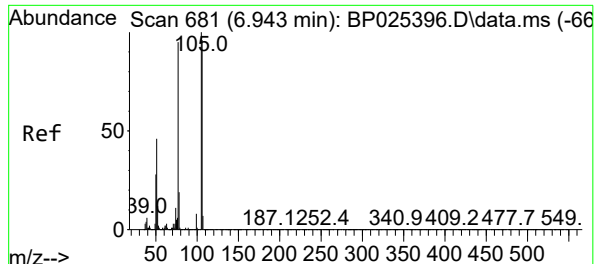
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#8
2-Chlorophenol
Concen: 81.104 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

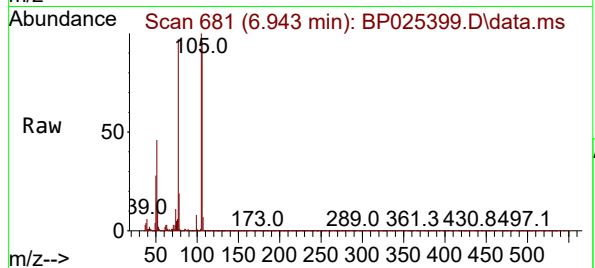
Tgt Ion:128 Resp: 877073
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 42.5 23.4 63.4





#9
Benzaldehyde
Concen: 67.651 ng
RT: 6.943 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

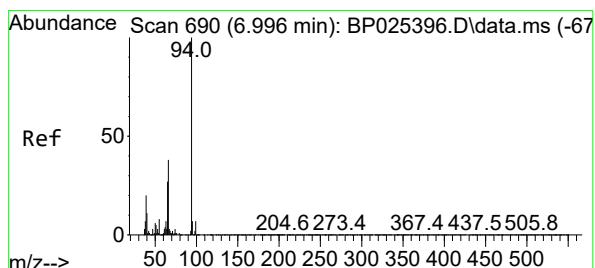
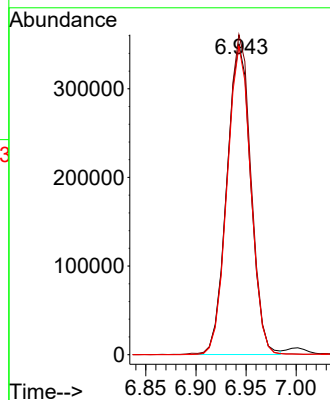
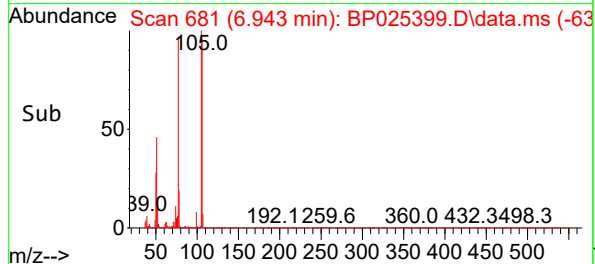
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 582344
Ion Ratio Lower Upper
77 100
105 103.0 84.8 124.8
106 99.3 80.5 120.5

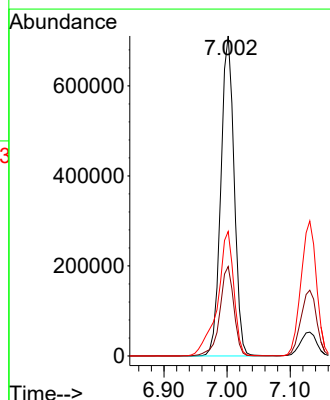
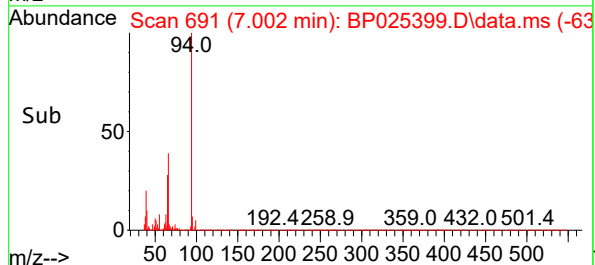
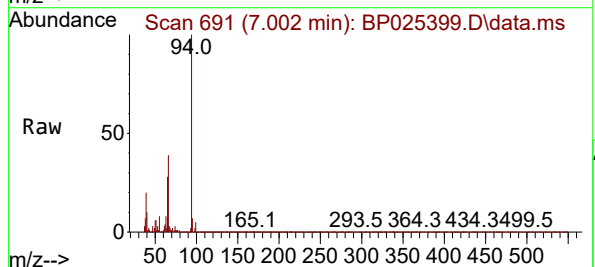
Manual Integrations
APPROVED

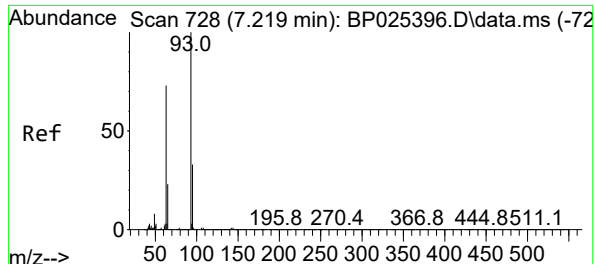
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 80.710 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

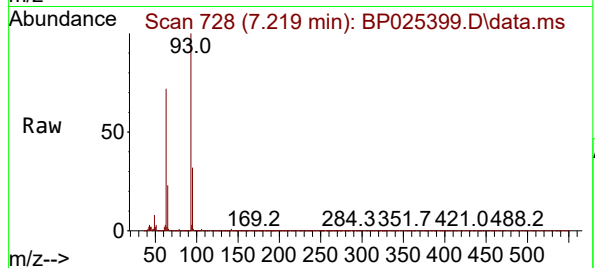
Tgt Ion: 94 Resp: 1040534
Ion Ratio Lower Upper
94 100
65 28.0 6.8 46.8
66 38.9 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 79.481 ng
RT: 7.219 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

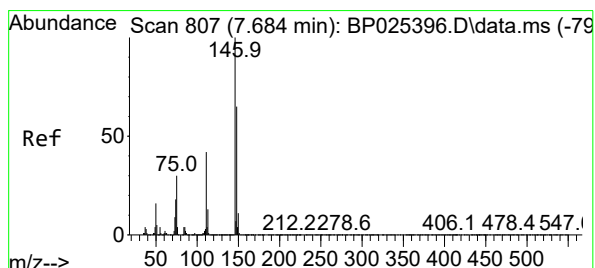
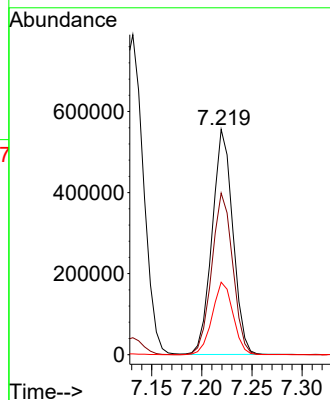
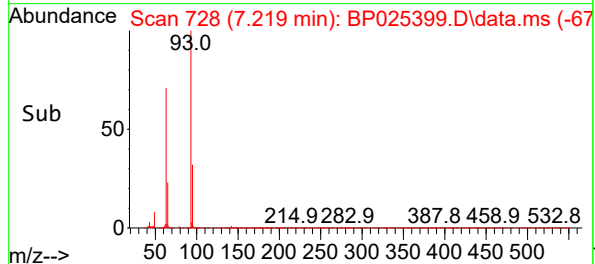
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



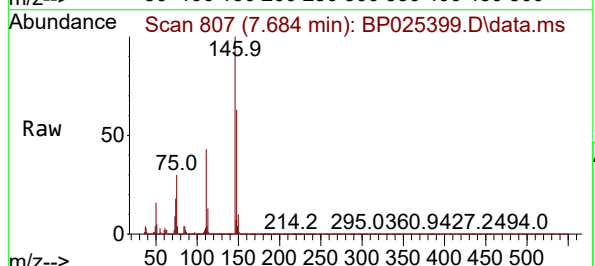
Tgt Ion: 93 Resp: 798672
Ion Ratio Lower Upper
93 100
63 71.7 52.6 92.6
95 32.2 12.7 52.7

Manual Integrations
APPROVED

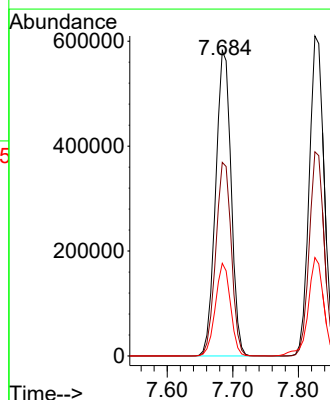
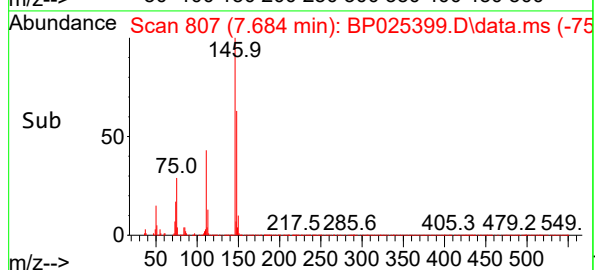
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

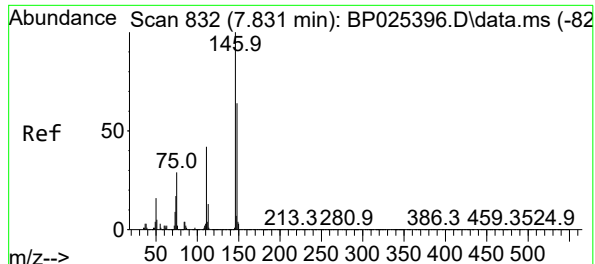


#12
1,3-Dichlorobenzene
Concen: 79.718 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24



Tgt Ion:146 Resp: 950596
Ion Ratio Lower Upper
146 100
148 63.4 51.9 77.9
75 30.3 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 78.882 ng

RT: 7.825 min Scan# 831

Delta R.T. -0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 96142

Ion Ratio Lower Upper

146 100

148 63.8 51.6 77.4

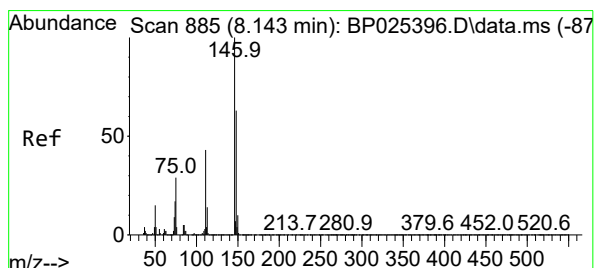
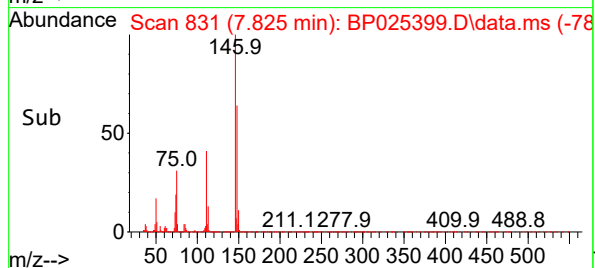
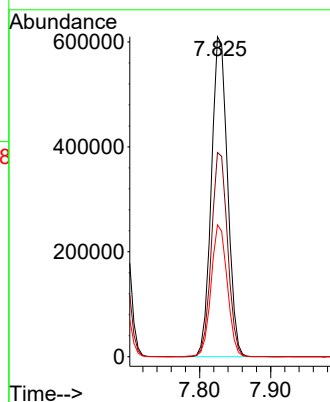
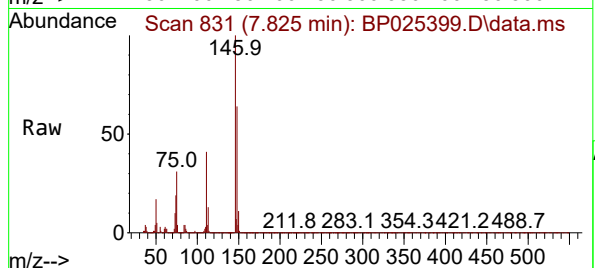
111 41.2 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 78.203 ng

RT: 8.143 min Scan# 885

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

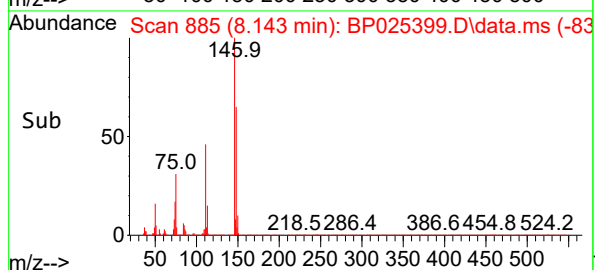
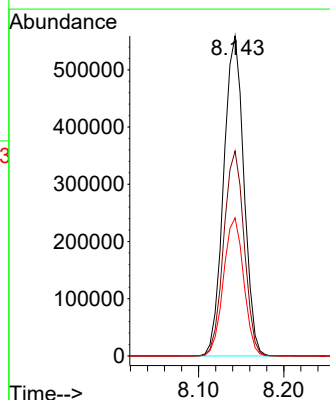
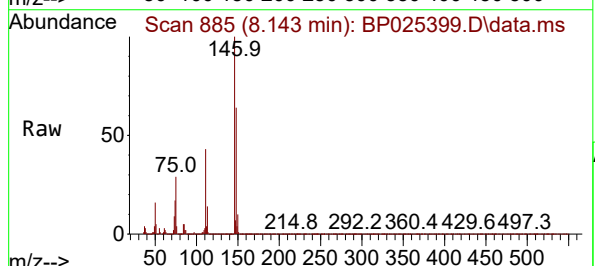
Tgt Ion:146 Resp: 922658

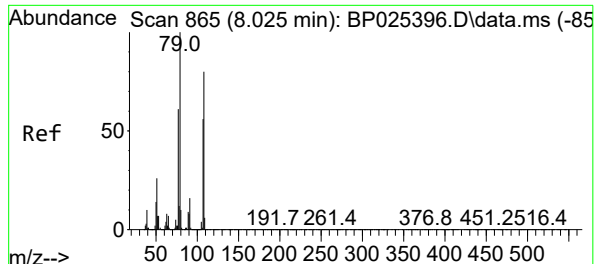
Ion Ratio Lower Upper

146 100

148 64.1 50.4 75.6

111 43.1 34.5 51.7





#15

Benzyl Alcohol

Concen: 81.498 ng

RT: 8.031 min Scan# 80

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 795618

Ion Ratio Lower Upper

79 100

108 78.3 63.8 95.6

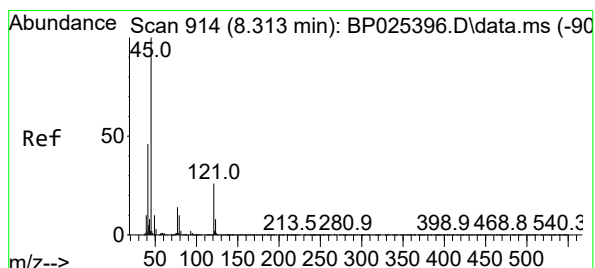
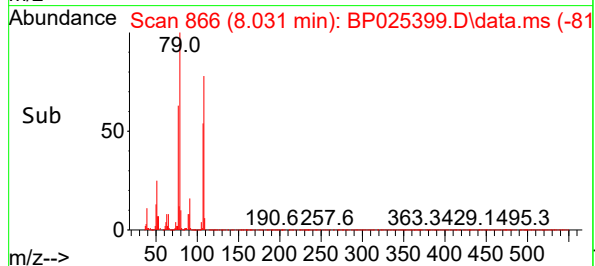
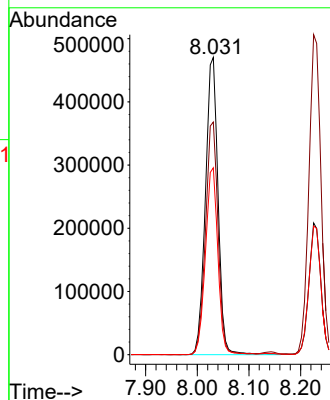
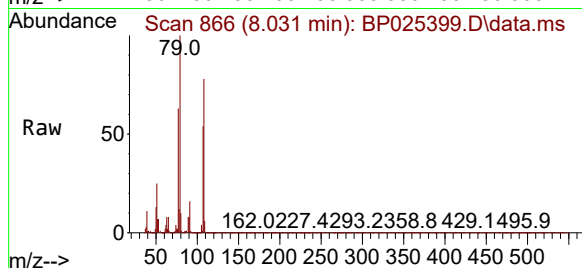
77 62.8 49.0 73.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 78.732 ng

RT: 8.319 min Scan# 915

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

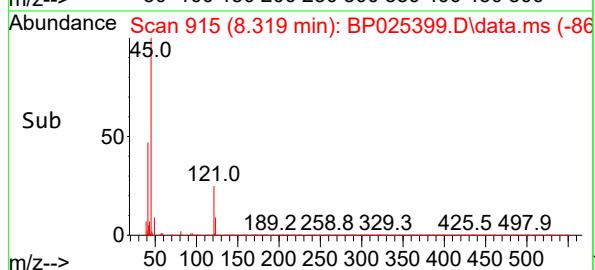
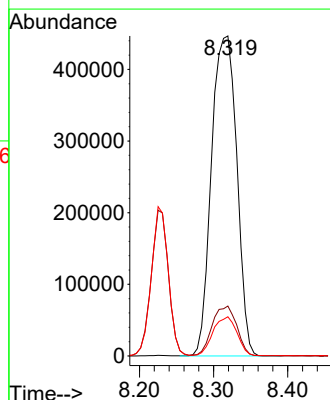
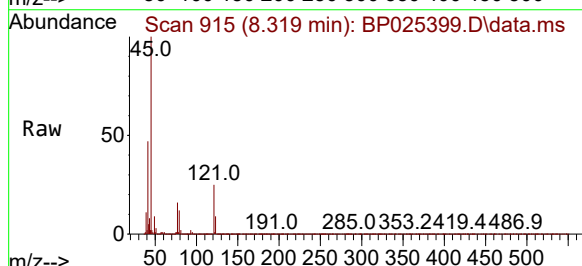
Tgt Ion: 45 Resp: 1059824

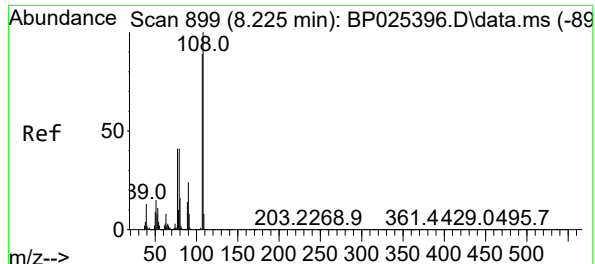
Ion Ratio Lower Upper

45 100

77 15.6 0.0 35.3

79 12.2 0.0 31.8





#17

2-Methylphenol

Concen: 82.028 ng

RT: 8.225 min Scan# 899

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 73448

Ion Ratio Lower Upper

107 100

108 111.5 89.4 134.0

77 44.8 36.3 54.5

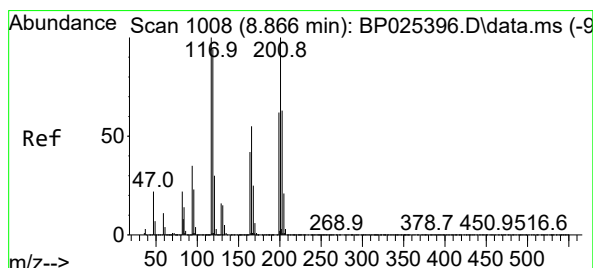
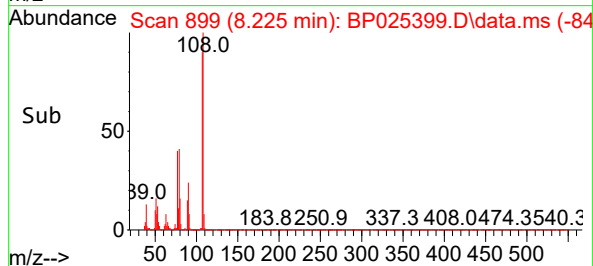
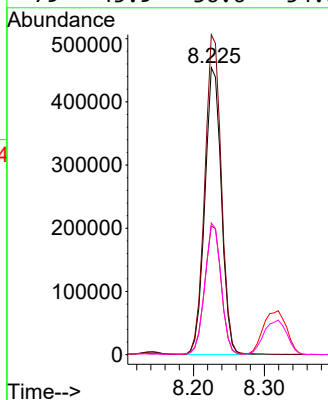
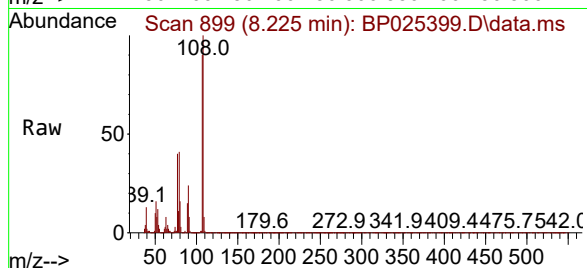
79 45.9 36.6 54.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#18

Hexachloroethane

Concen: 79.395 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

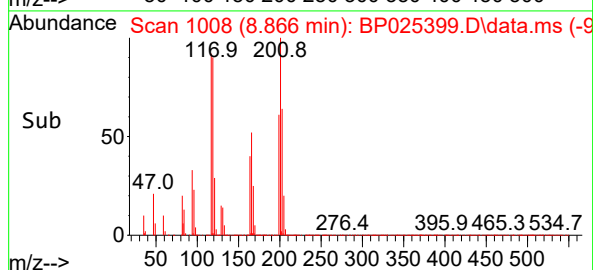
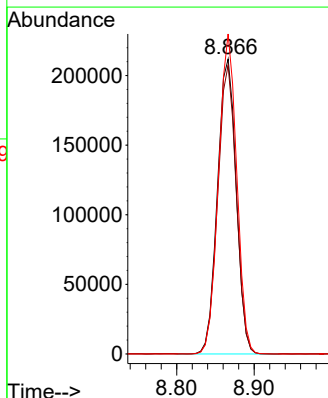
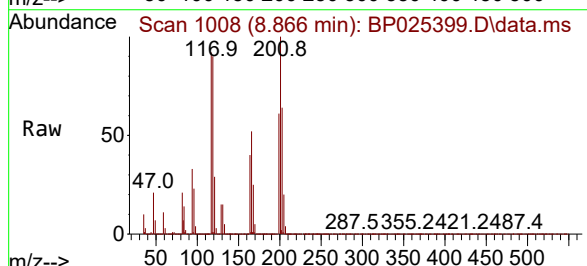
Tgt Ion:117 Resp: 355791

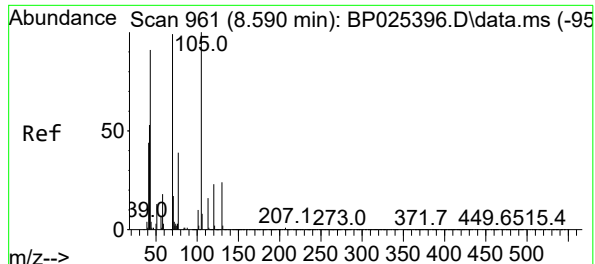
Ion Ratio Lower Upper

117 100

119 97.9 75.1 112.7

201 108.5 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 78.102 ng

RT: 8.596 min Scan# 961

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 63638

Ion Ratio Lower Upper

70 100

42 54.2 43.8 65.6

101 11.0 8.5 12.7

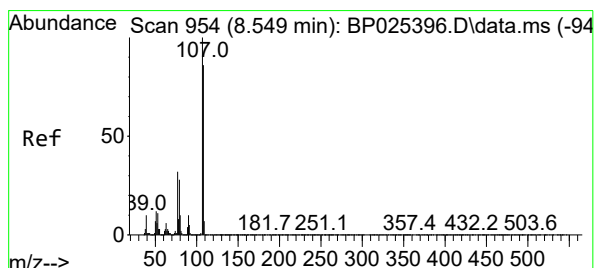
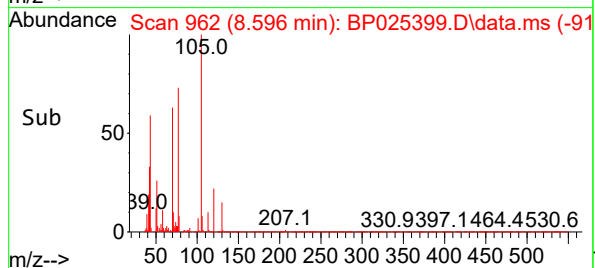
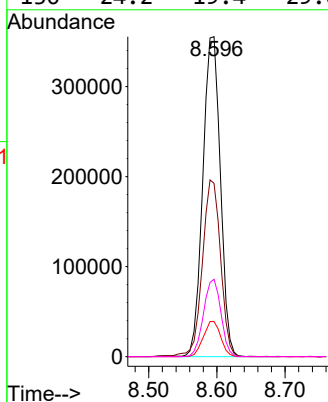
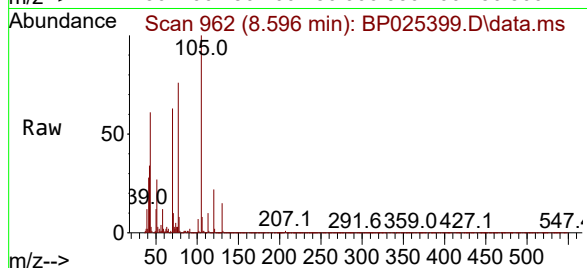
130 24.2 19.4 29.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 81.023 ng

RT: 8.555 min Scan# 955

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Tgt Ion:107 Resp: 1005632

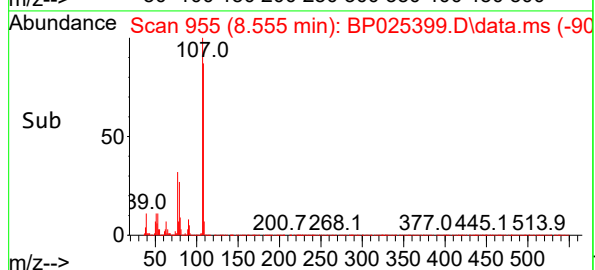
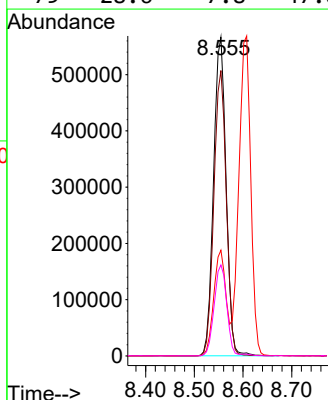
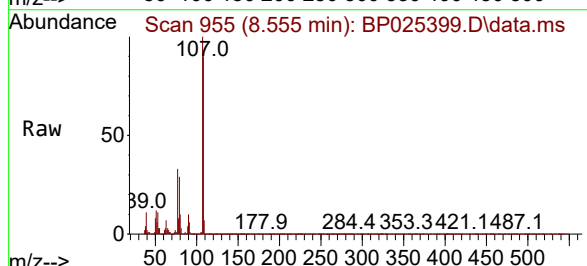
Ion Ratio Lower Upper

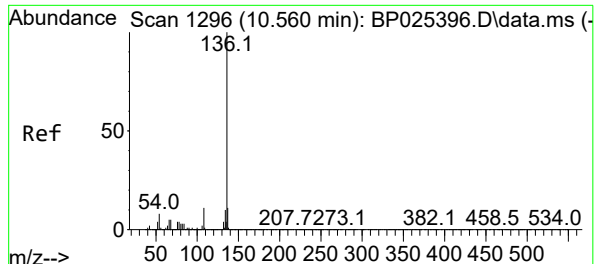
107 100

108 89.6 66.3 106.3

77 33.2 12.3 52.3

79 28.6 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.566 min Scan# 1296

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:136 Resp: 673018

Ion Ratio Lower Upper

136 100

137 10.1 9.2 13.8

54 7.8 6.0 9.0

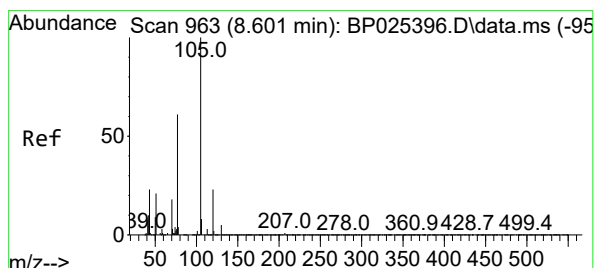
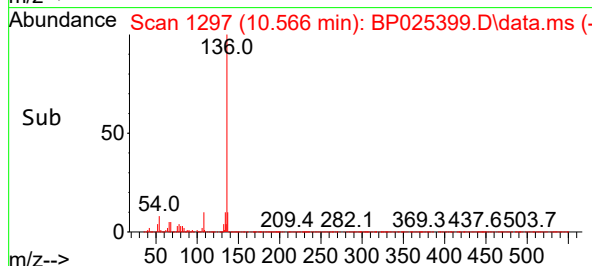
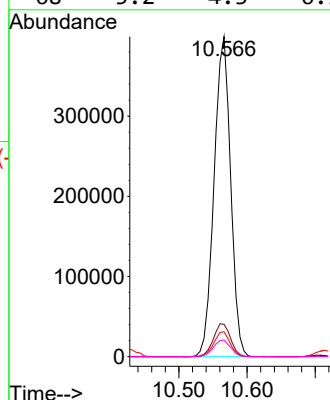
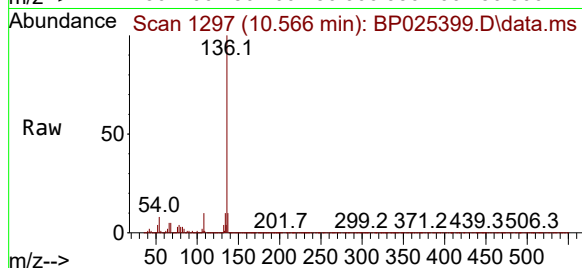
68 5.2 4.3 6.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#22

Acetophenone

Concen: 77.886 ng

RT: 8.607 min Scan# 964

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Tgt Ion:105 Resp: 1314548

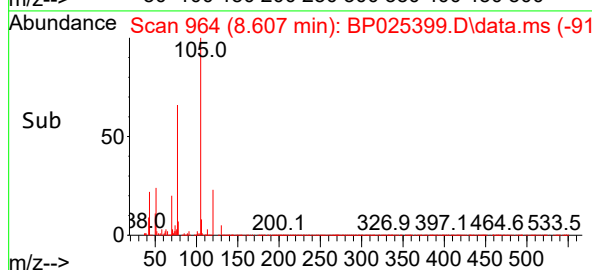
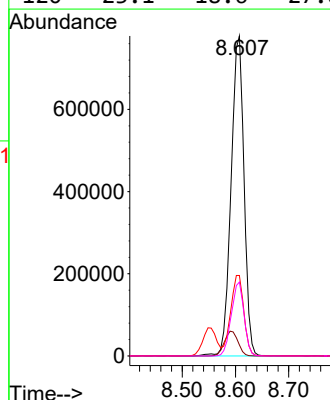
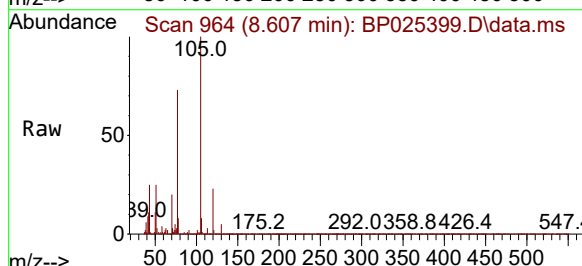
Ion Ratio Lower Upper

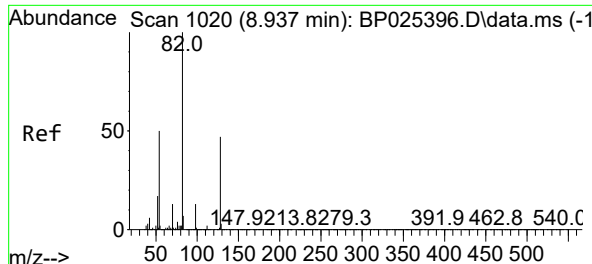
105 100

71 3.4 2.6 4.0

51 25.1 20.6 30.8

120 23.1 18.6 27.8





#23

Nitrobenzene-d5

Concen: 159.609 ng

RT: 8.937 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BP025399.D

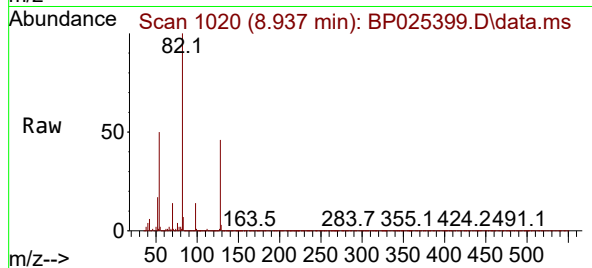
Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080



Tgt Ion: 82 Resp: 212352

Ion Ratio Lower Upper

82 100

128 46.0 37.7 56.5

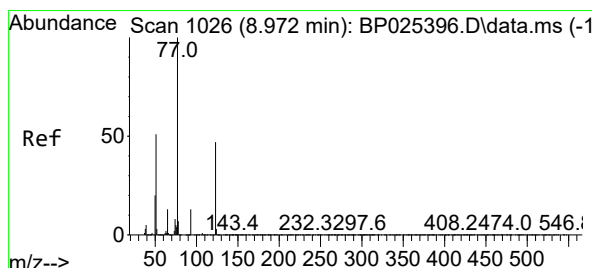
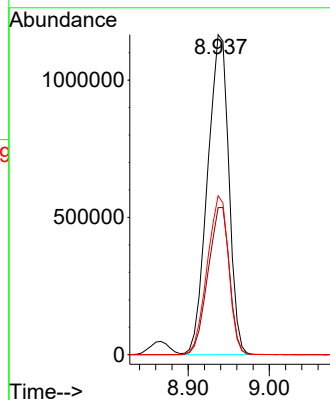
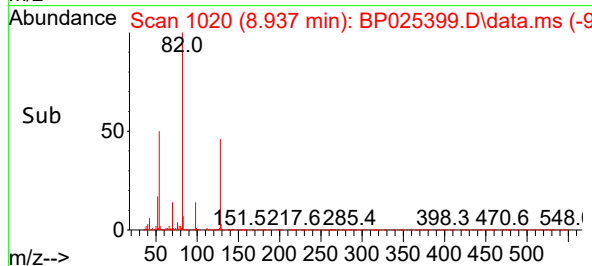
54 49.7 39.8 59.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#24

Nitrobenzene

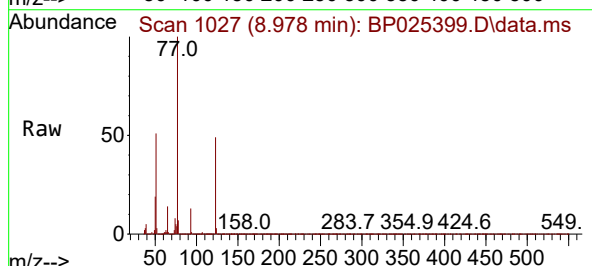
Concen: 79.686 ng

RT: 8.978 min Scan# 1027

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24



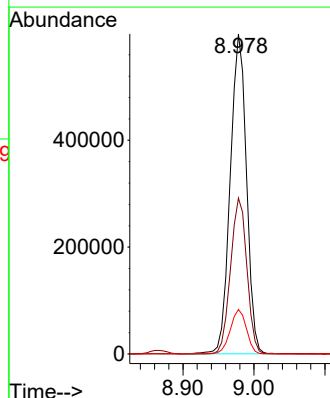
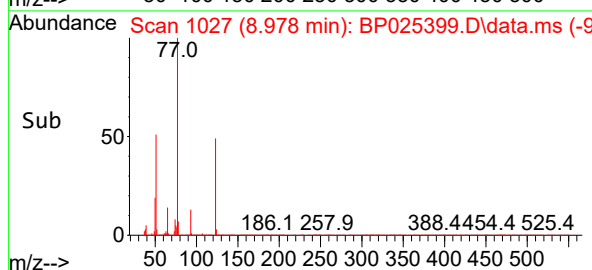
Tgt Ion: 77 Resp: 947511

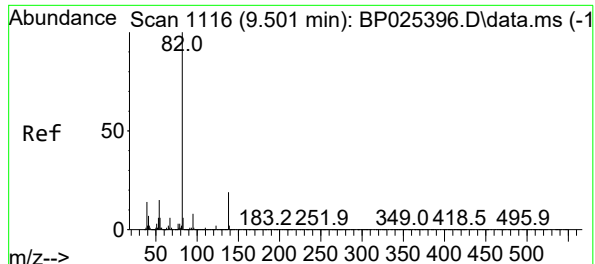
Ion Ratio Lower Upper

77 100

123 48.7 38.6 58.0

65 13.9 10.6 15.8





#25

Isophorone

Concen: 77.708 ng

RT: 9.507 min Scan# 1116

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 182967

Ion Ratio Lower Upper

82 100

95 7.8 6.4 9.6

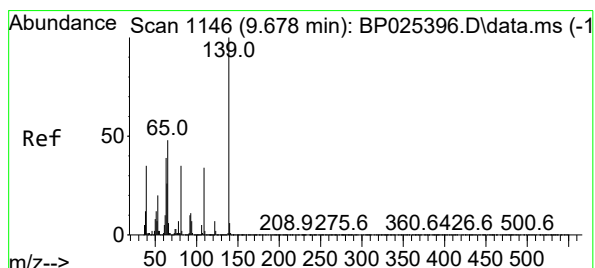
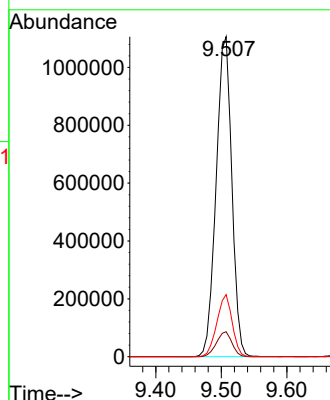
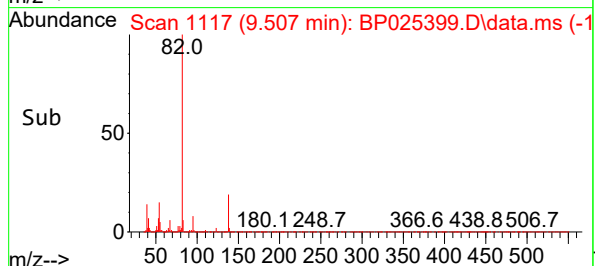
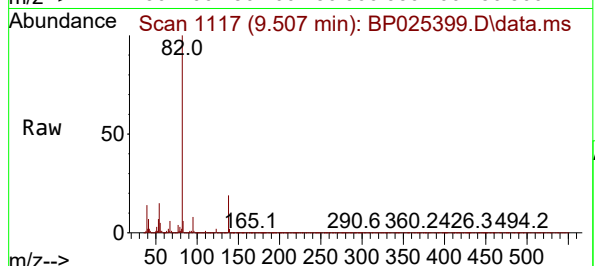
138 19.4 15.4 23.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#26

2-Nitrophenol

Concen: 83.872 ng

RT: 9.678 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

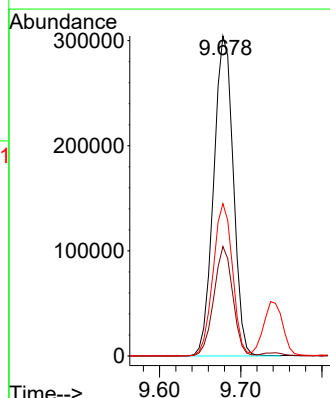
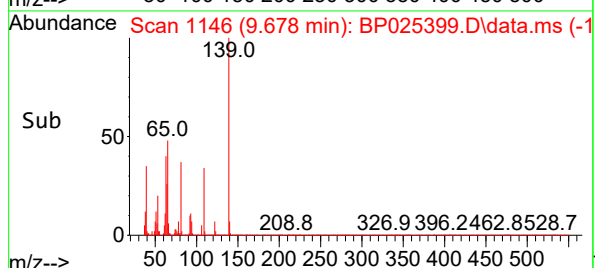
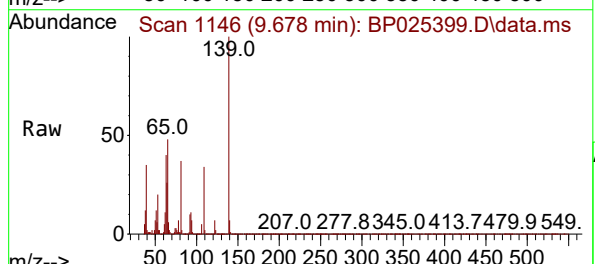
Tgt Ion:139 Resp: 511806

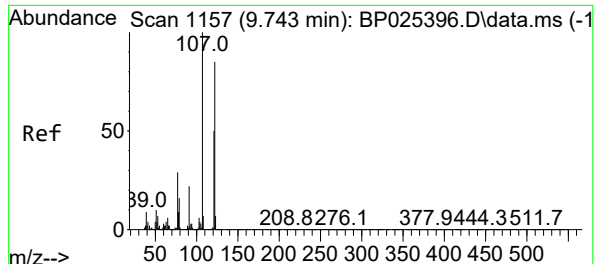
Ion Ratio Lower Upper

139 100

109 34.2 26.9 40.3

65 47.6 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 80.280 ng

RT: 9.743 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BP025399.D

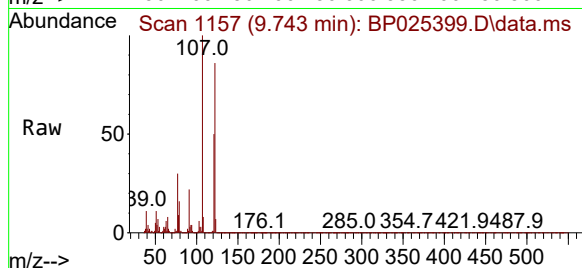
Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080



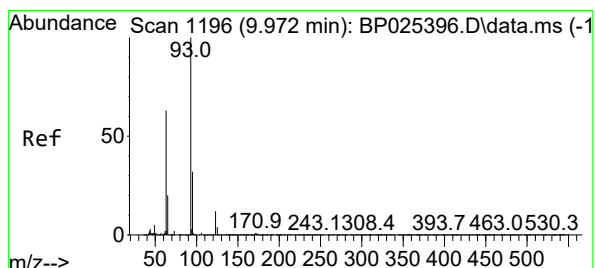
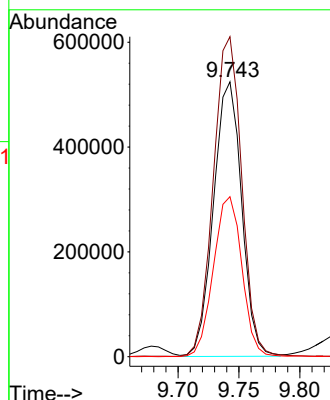
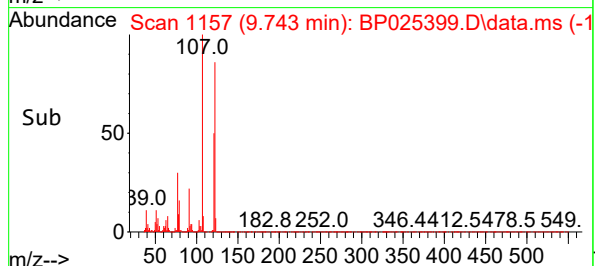
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.4	93.7	140.5
121	58.2	46.6	69.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 77.542 ng

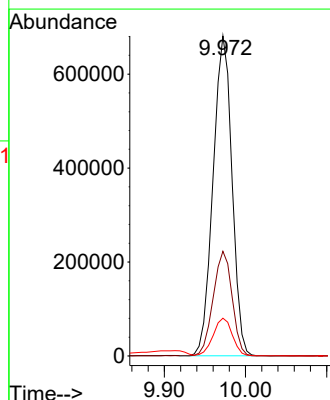
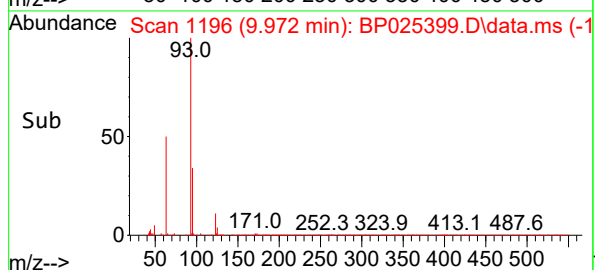
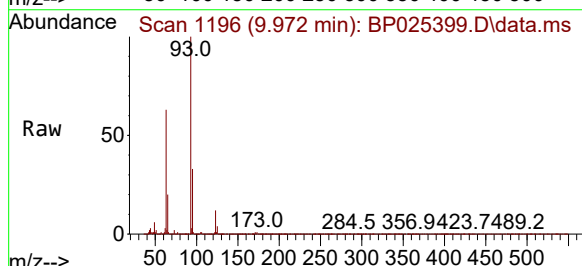
RT: 9.972 min Scan# 1196

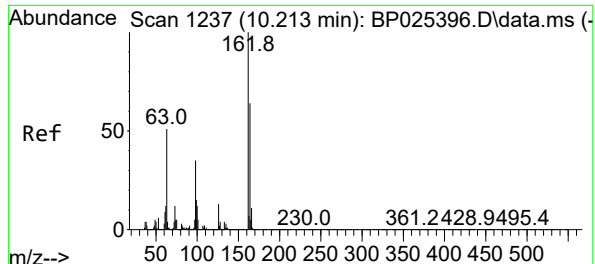
Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

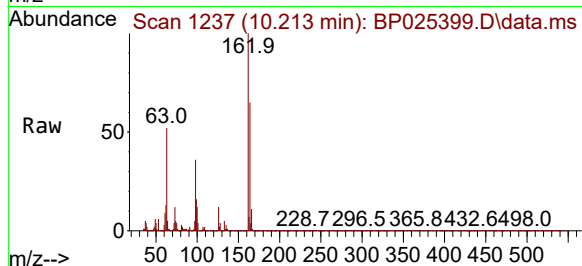
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.4	38.0
123	11.8	9.4	14.0





#29
2,4-Dichlorophenol
Concen: 81.037 ng
RT: 10.213 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

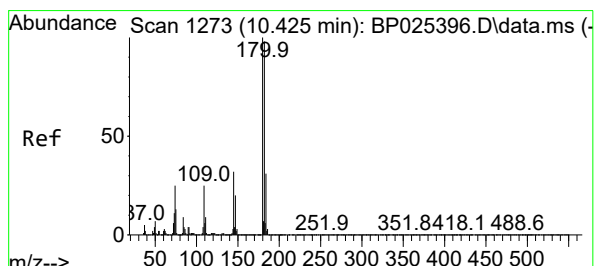
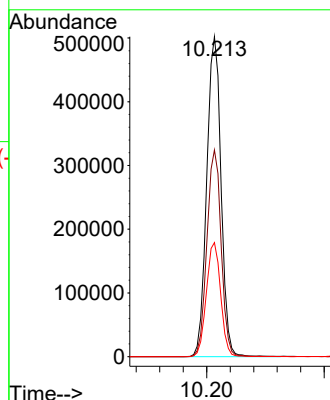
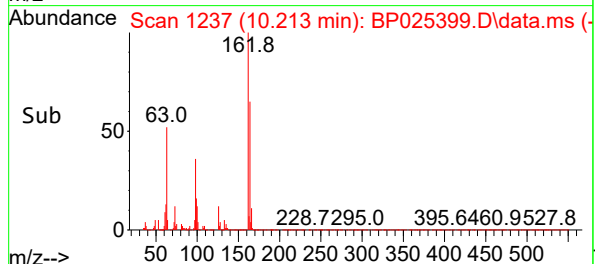
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:162 Resp: 84478
Ion Ratio Lower Upper
162 100
164 64.6 44.4 84.4
98 35.6 14.9 54.9

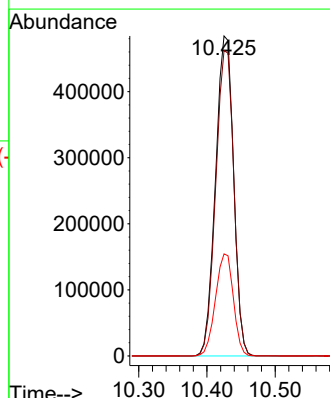
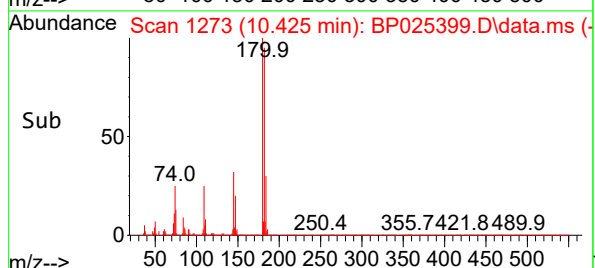
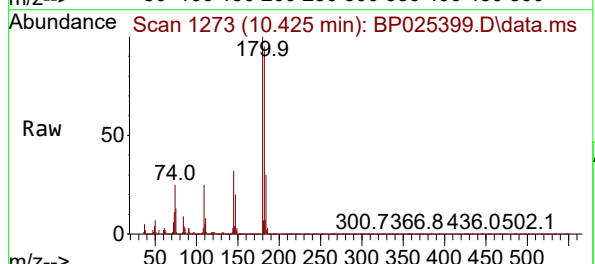
Manual Integrations
APPROVED

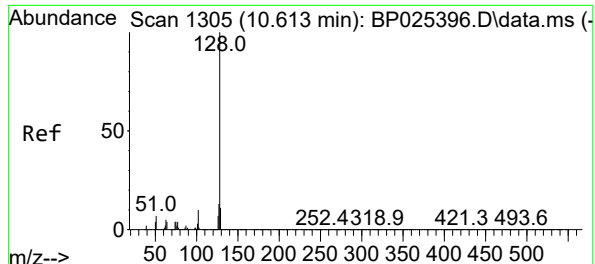
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#30
1,2,4-Trichlorobenzene
Concen: 78.123 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

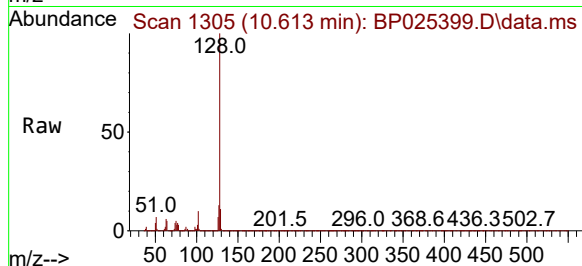
Tgt Ion:180 Resp: 892771
Ion Ratio Lower Upper
180 100
182 95.4 78.0 117.0
145 31.9 25.9 38.9





#31
Naphthalene
Concen: 77.835 ng
RT: 10.613 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

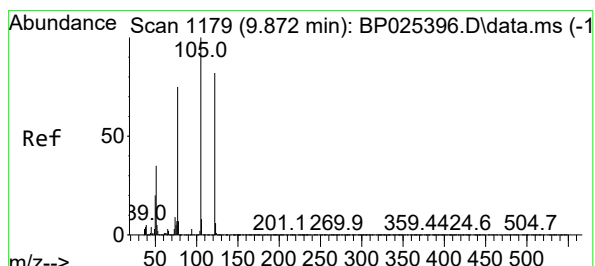
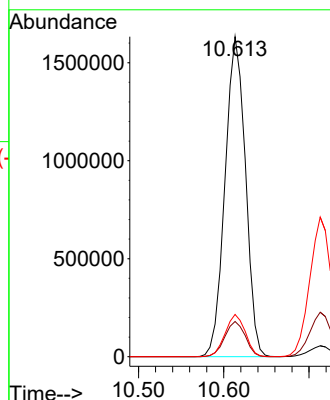
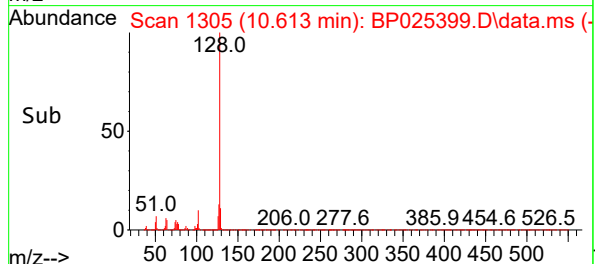
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:128 Resp: 272270
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.7 16.1

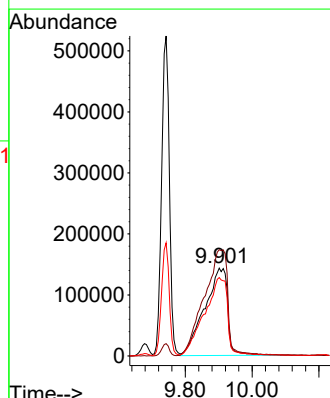
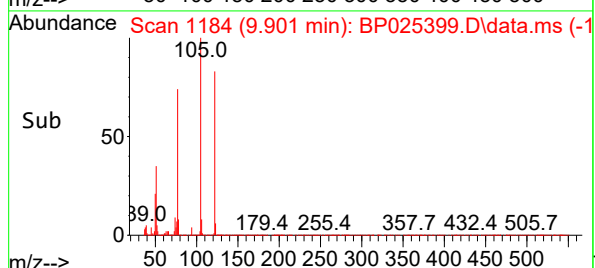
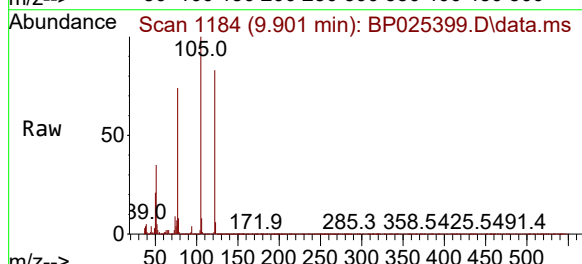
Manual Integrations
APPROVED

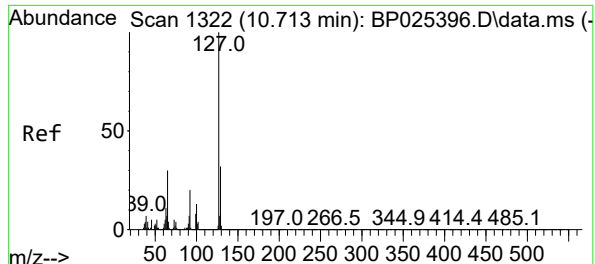
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 88.861 ng
RT: 9.901 min Scan# 1184
Delta R.T. 0.029 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

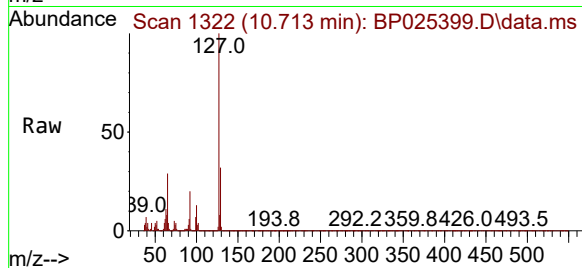
Tgt Ion:122 Resp: 686791
Ion Ratio Lower Upper
122 100
105 121.0 100.6 140.6
77 89.3 71.5 111.5





#33
4-Chloroaniline
Concen: 79.761 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

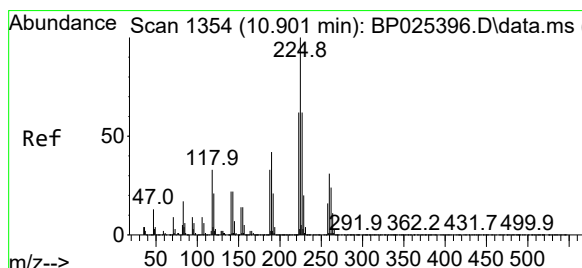
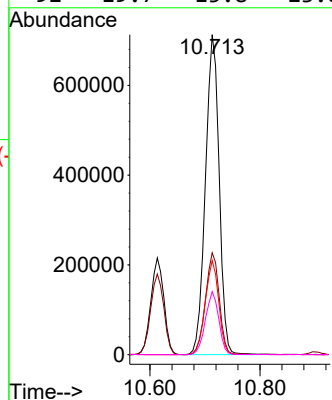
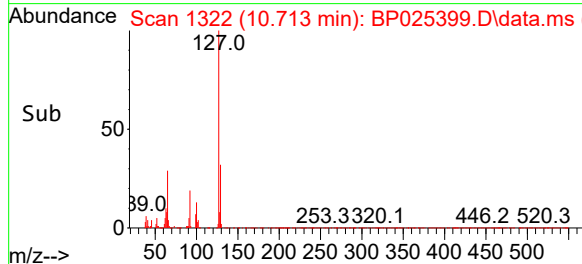
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:127 Resp: 123243
Ion Ratio Lower Upper
127 100
129 31.9 25.4 38.2
65 29.4 23.8 35.6
92 19.7 15.8 23.8

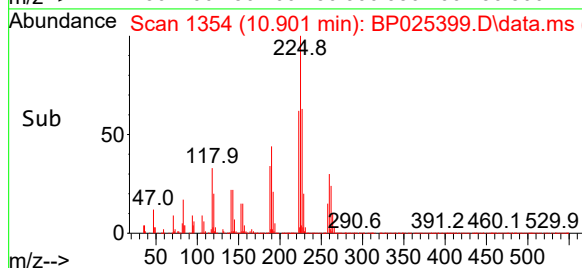
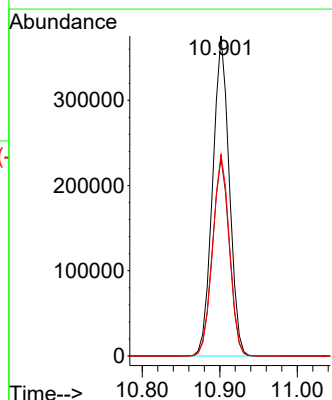
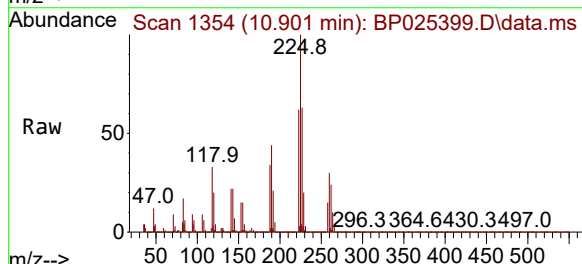
Manual Integrations
APPROVED

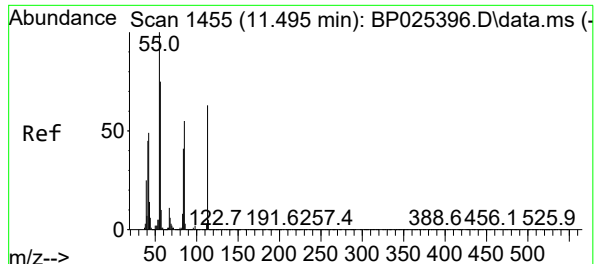
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#34
Hexachlorobutadiene
Concen: 78.393 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

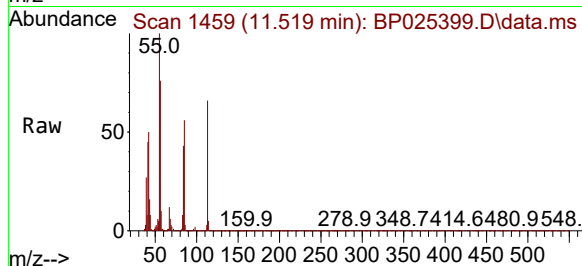
Tgt Ion:225 Resp: 557922
Ion Ratio Lower Upper
225 100
223 61.8 50.0 75.0
227 62.9 49.7 74.5





#35
Caprolactam
Concen: 79.233 ng
RT: 11.519 min Scan# 1455
Delta R.T. 0.024 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

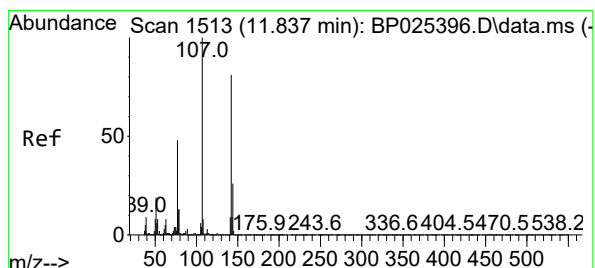
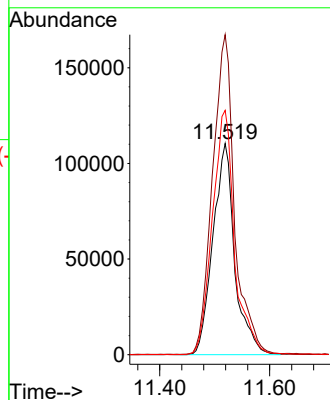
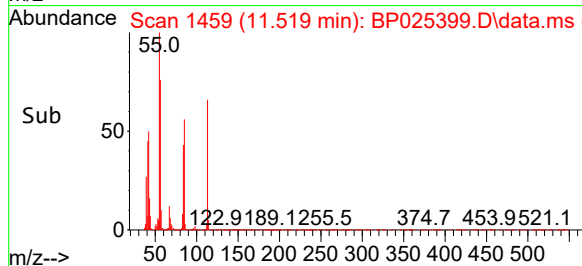
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



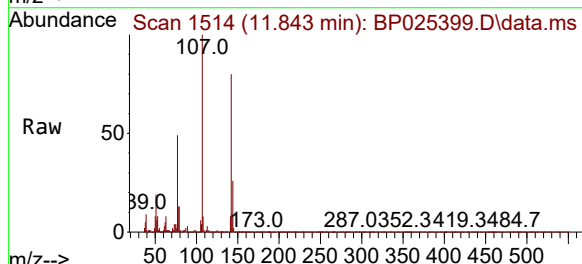
Tgt Ion:113 Resp: 302874
Ion Ratio Lower Upper
113 100
55 151.5 140.0 180.0
56 115.6 100.0 140.0

Manual Integrations
APPROVED

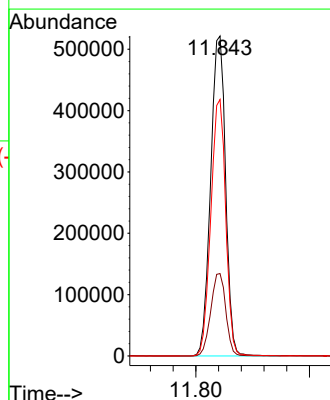
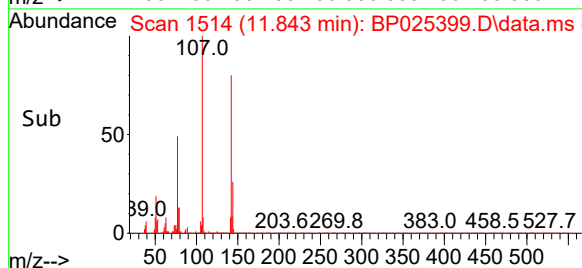
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

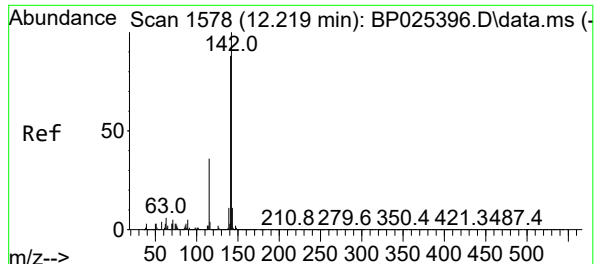


#36
4-Chloro-3-methylphenol
Concen: 79.399 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24



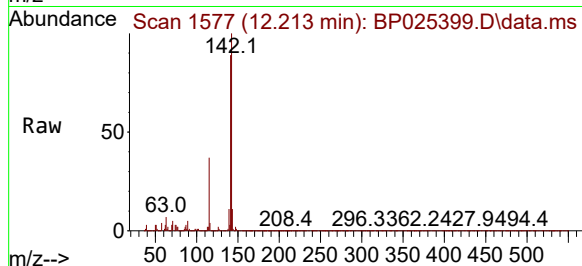
Tgt Ion:107 Resp: 949779
Ion Ratio Lower Upper
107 100
144 25.7 21.0 31.4
142 80.2 64.6 97.0





#37
2-Methylnaphthalene
Concen: 77.372 ng
RT: 12.213 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

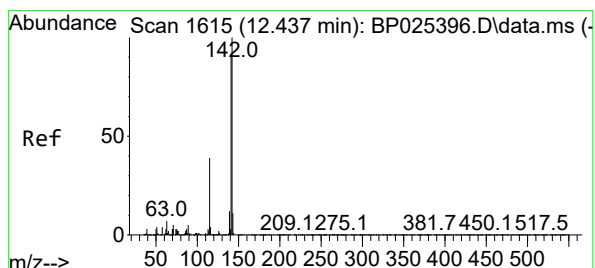
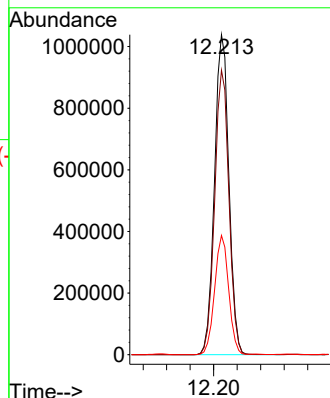
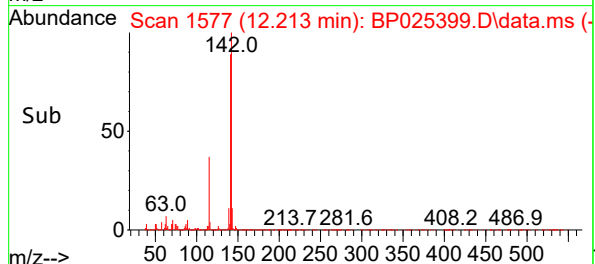
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:142 Resp: 1761325
Ion Ratio Lower Upper
142 100
141 88.9 70.3 105.5
115 37.2 28.9 43.3

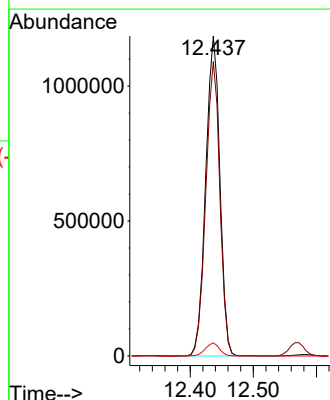
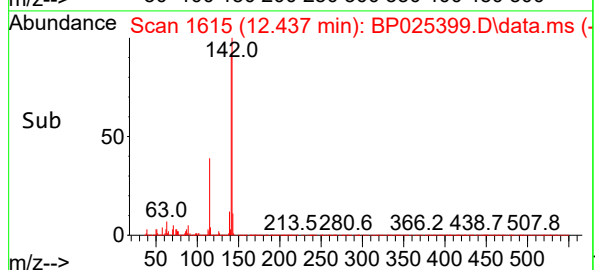
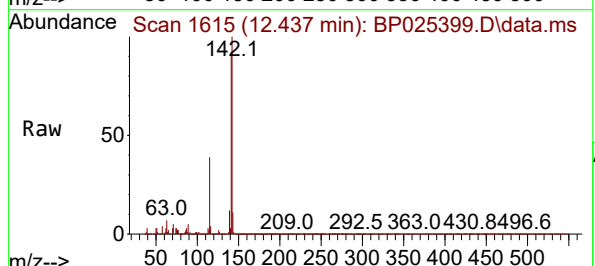
Manual Integrations
APPROVED

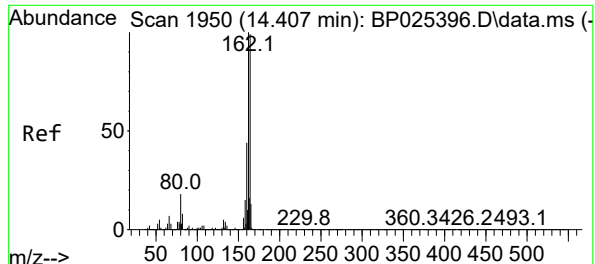
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 76.186 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:142 Resp: 1844376
Ion Ratio Lower Upper
142 100
141 92.0 73.1 109.7
116 4.1 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.401 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:164 Resp: 436040

Ion Ratio Lower Upper

164 100

162 98.6 81.0 121.6

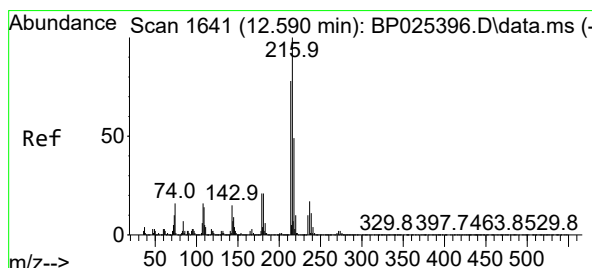
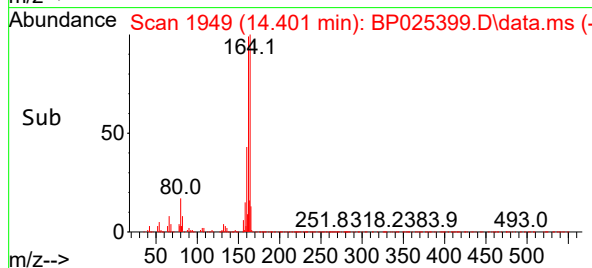
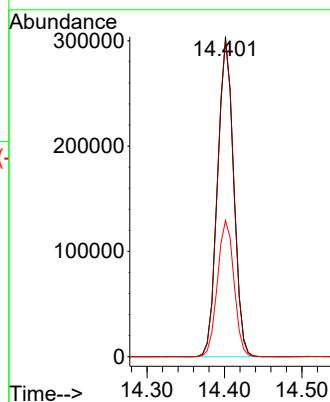
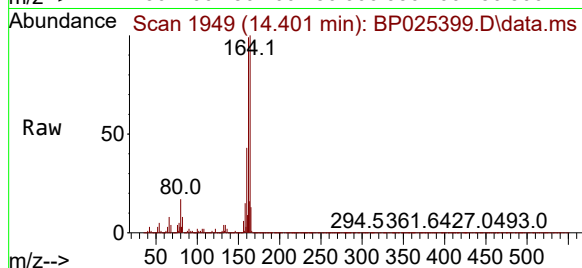
160 42.6 35.4 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 79.014 ng

RT: 12.584 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Tgt Ion:216 Resp: 995064

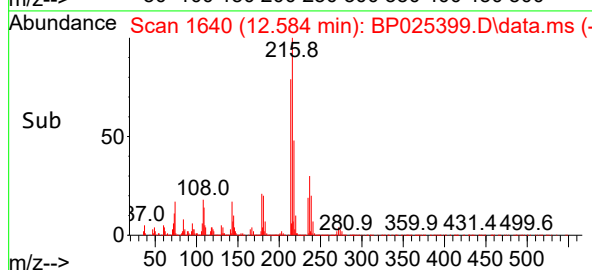
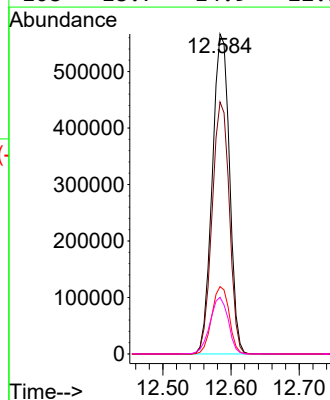
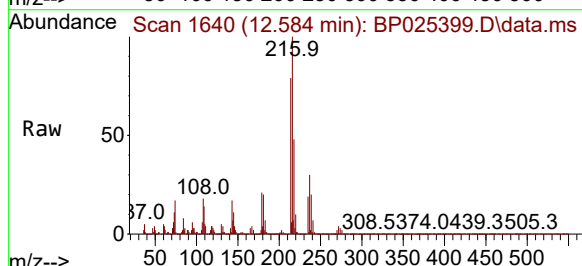
Ion Ratio Lower Upper

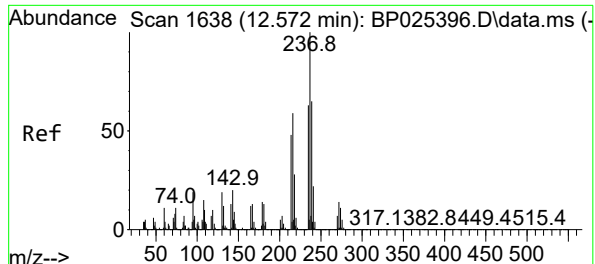
216 100

214 78.8 63.0 94.4

179 21.2 17.1 25.7

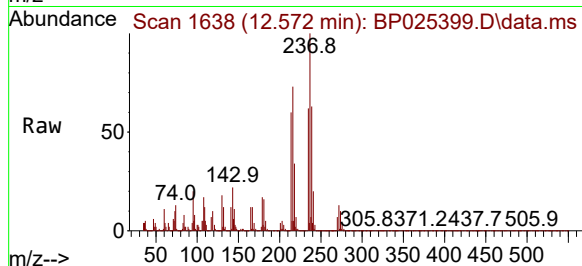
108 18.7 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 87.916 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

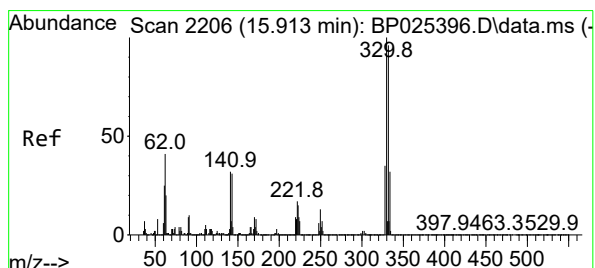
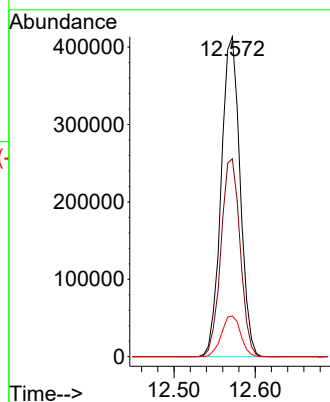
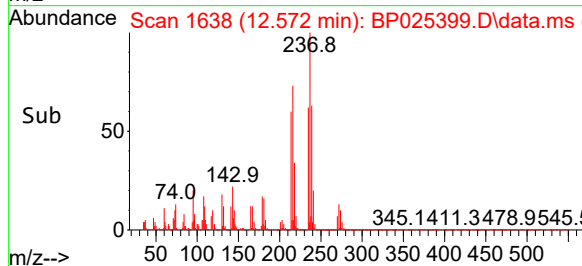
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



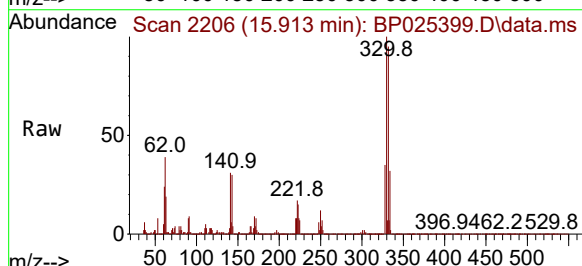
Tgt Ion: 237 Resp: 66877
Ion Ratio Lower Upper
237 100
235 61.9 42.7 82.7
272 12.7 0.0 34.0

Manual Integrations
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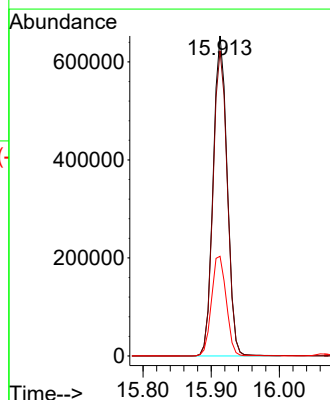
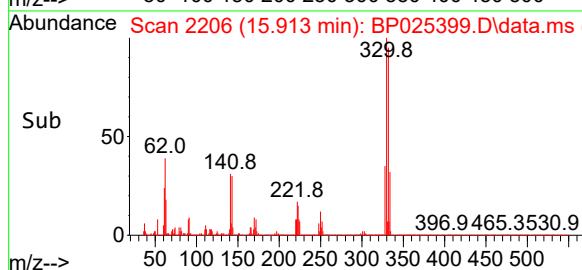
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

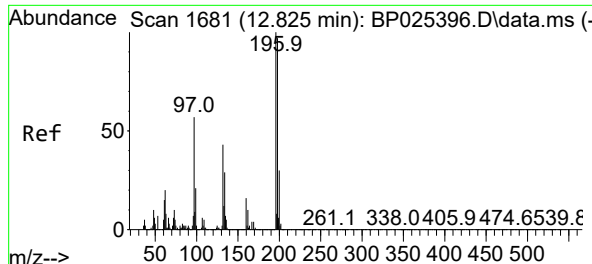


#42
2,4,6-Tribromophenol
Concen: 159.559 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24



Tgt Ion: 330 Resp: 936489
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 32.8 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 83.096 ng

RT: 12.825 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

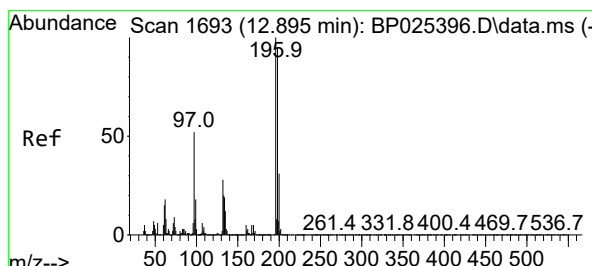
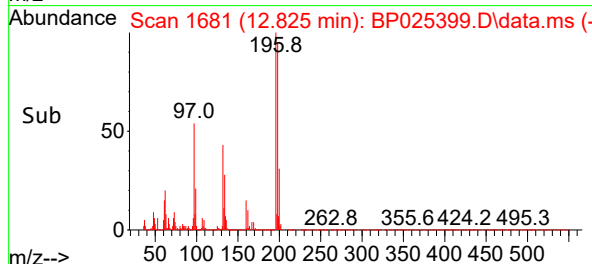
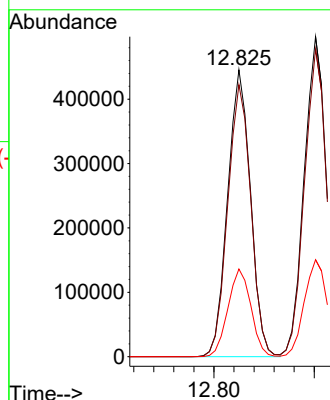
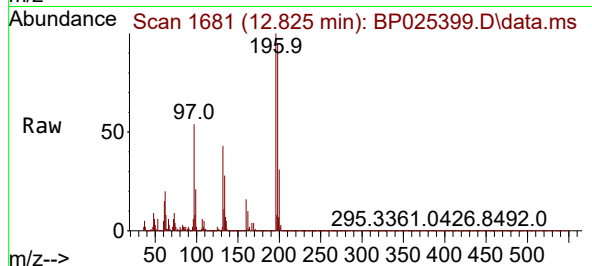
SSTDICC080

Tgt Ion:	196	Resp:	706484
Ion Ratio	Lower	Upper	
196	100		
198	94.8	77.2	115.8
200	30.5	23.9	35.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#44

2,4,5-Trichlorophenol

Concen: 81.870 ng

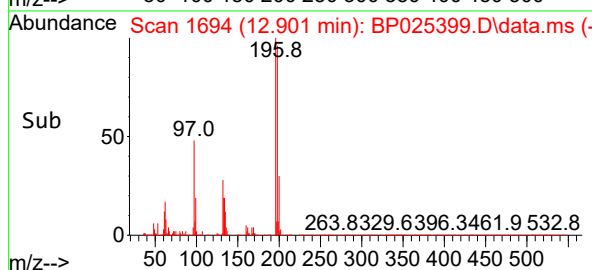
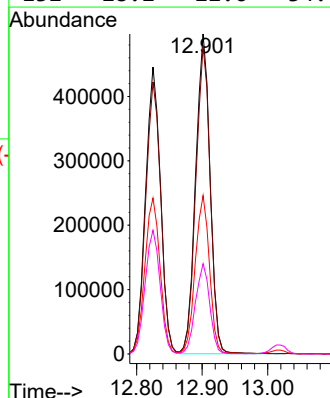
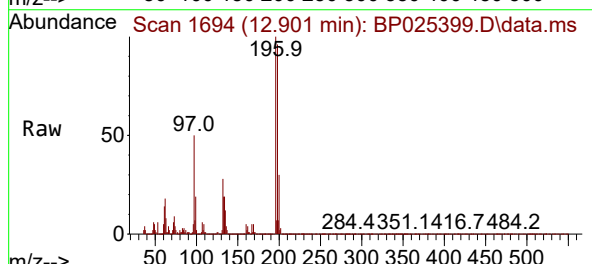
RT: 12.901 min Scan# 1694

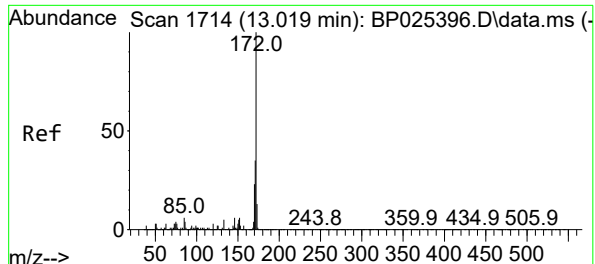
Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Tgt Ion:	196	Resp:	762861
Ion Ratio	Lower	Upper	
196	100		
198	96.1	76.2	114.2
97	49.5	41.2	61.8
132	28.2	22.6	34.0





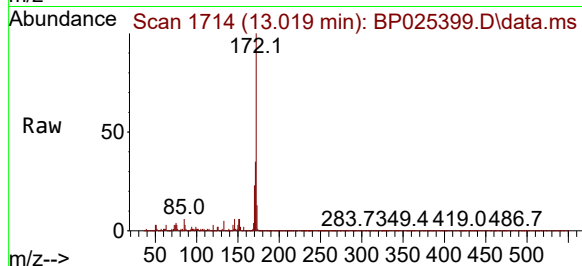
#45
2-Fluorobiphenyl
Concen: 147.705 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

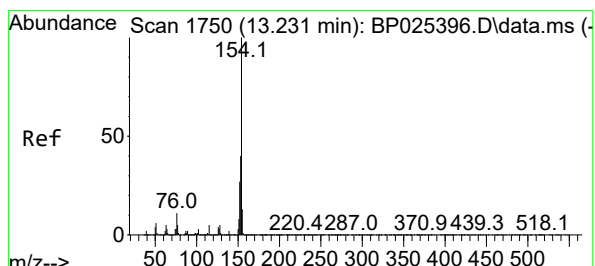
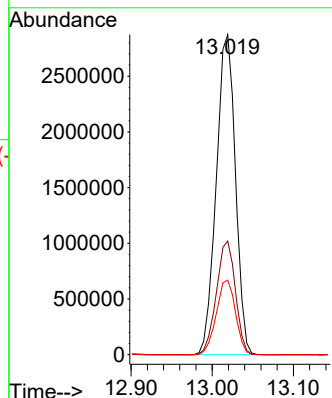
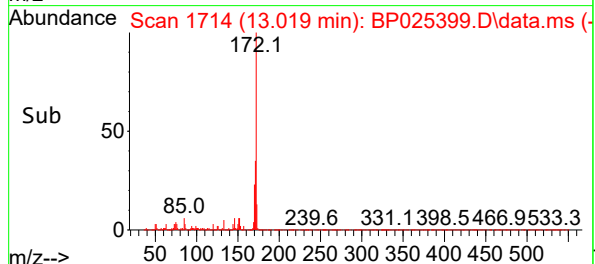


Tgt Ion:172 Resp: 471259
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.3 18.6 28.0

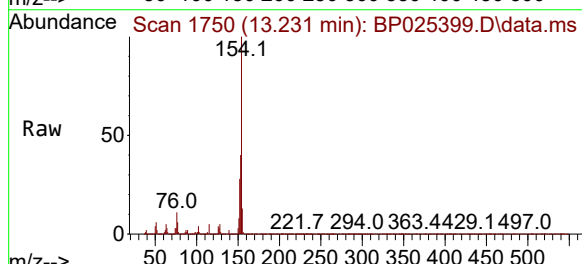
Manual Integrations

APPROVED

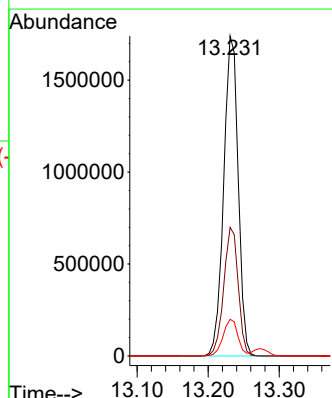
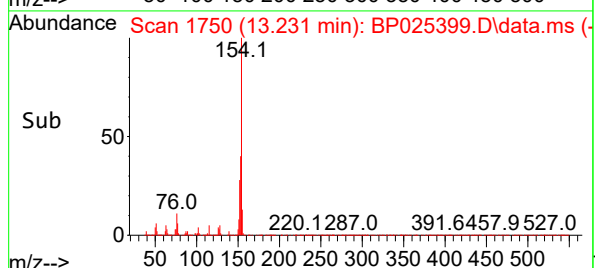
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

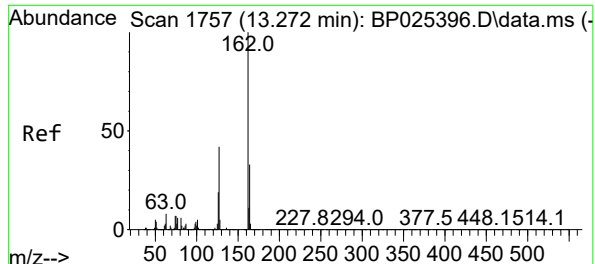


#46
1,1'-Biphenyl
Concen: 77.476 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24



Tgt Ion:154 Resp: 2453536
Ion Ratio Lower Upper
154 100
153 40.2 19.5 59.5
76 11.5 0.0 31.1





#47

2-Chloronaphthalene

Concen: 77.804 ng

RT: 13.272 min Scan# 1757

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 1918120

Ion Ratio Lower Upper

162 100

127 41.9 33.4 50.2

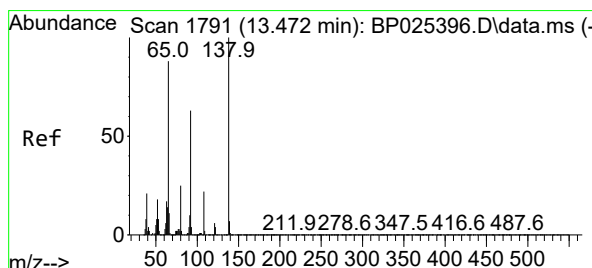
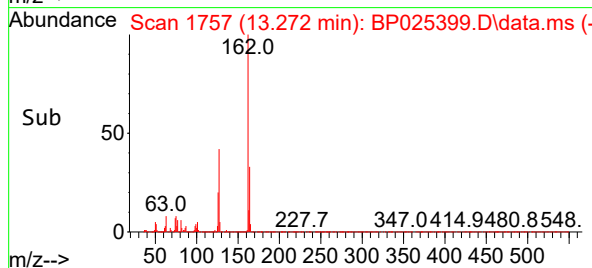
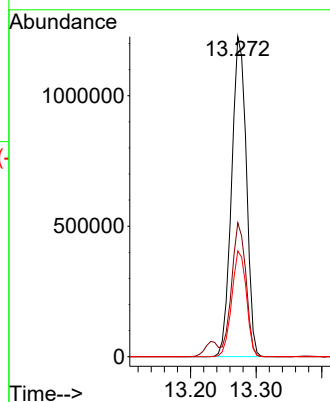
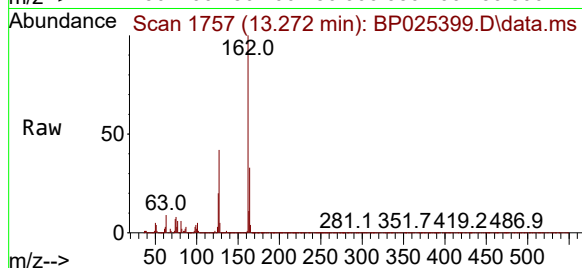
164 33.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#48

2-Nitroaniline

Concen: 82.788 ng

RT: 13.472 min Scan# 1791

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

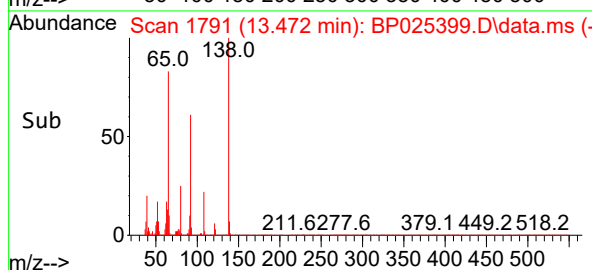
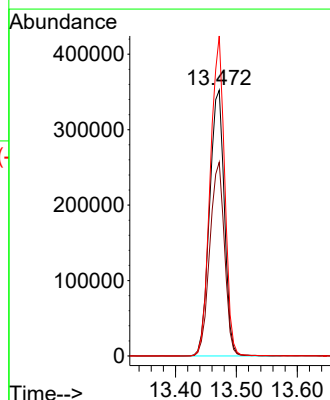
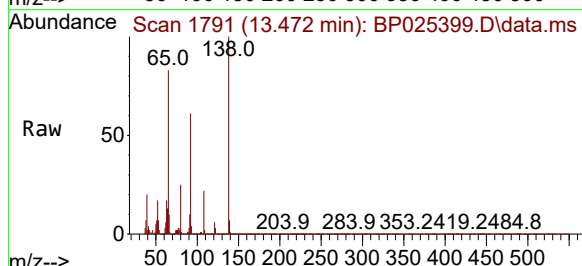
Tgt Ion: 65 Resp: 594696

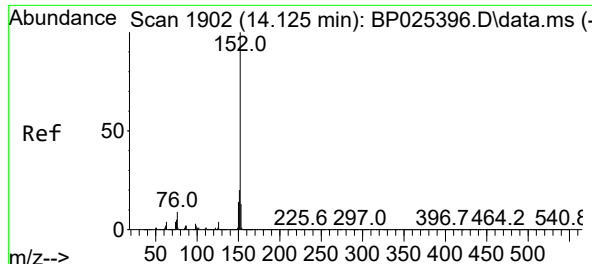
Ion Ratio Lower Upper

65 100

92 72.9 57.6 86.4

138 120.4 91.0 136.6





#49

Acenaphthylene

Concen: 78.318 ng

RT: 14.125 min Scan# 1902

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:152 Resp: 3194918

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

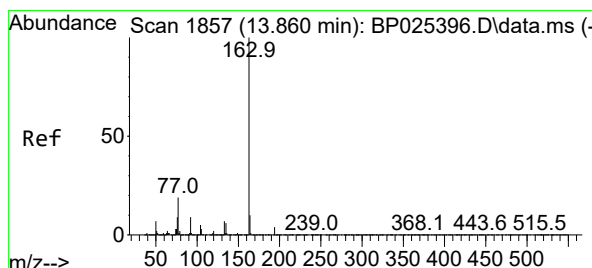
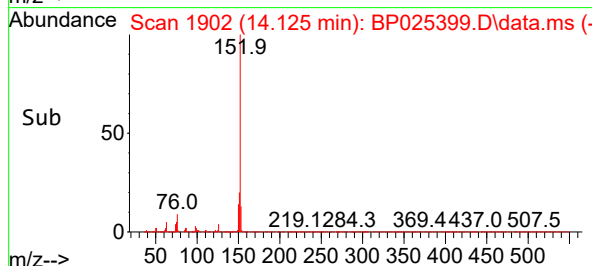
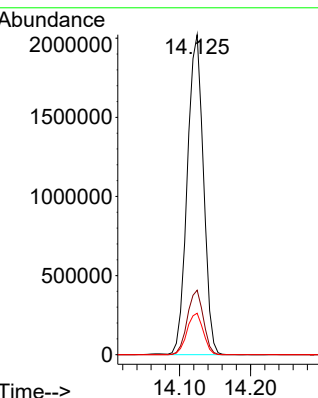
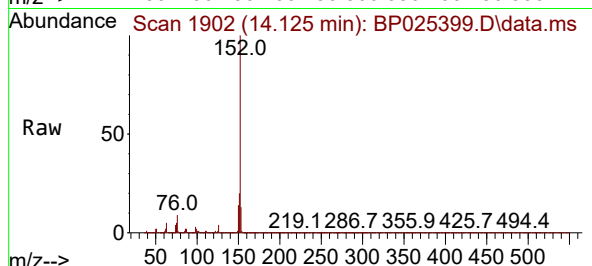
153 13.0 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#50

Dimethylphthalate

Concen: 76.632 ng

RT: 13.860 min Scan# 1857

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

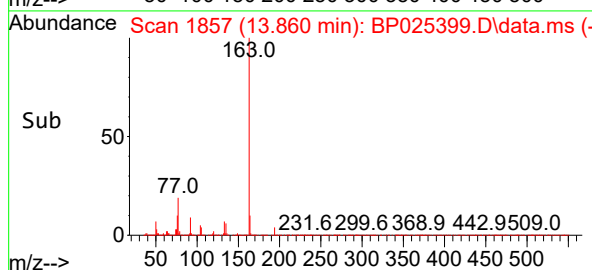
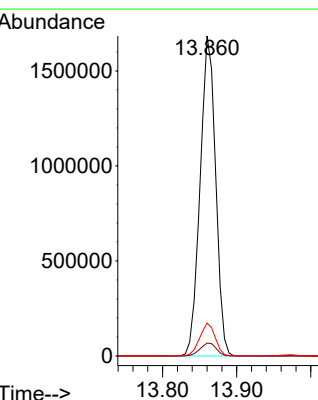
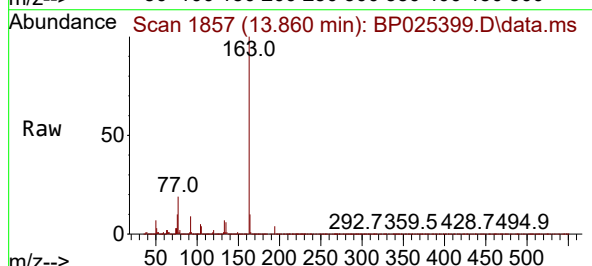
Tgt Ion:163 Resp: 2446951

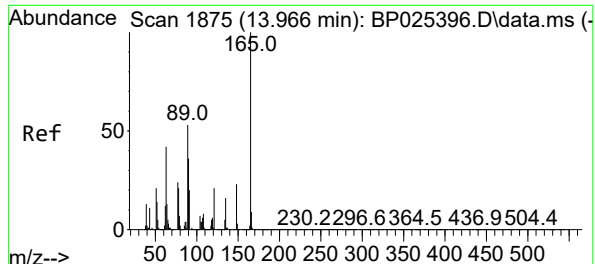
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

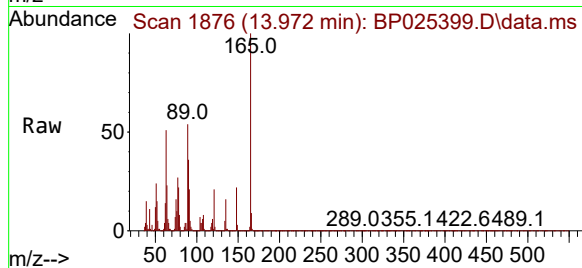
164 10.3 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 80.639 ng
RT: 13.972 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

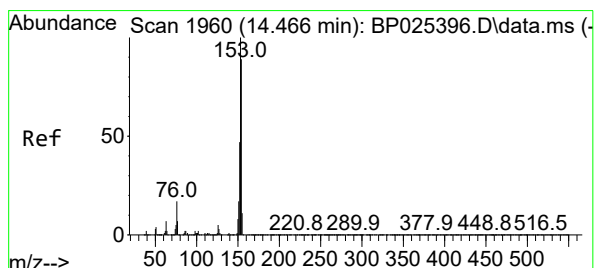
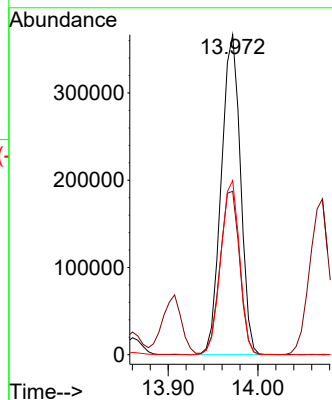
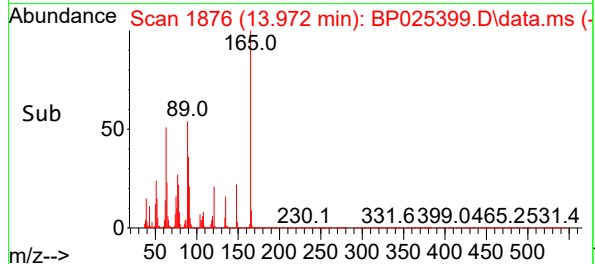
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 542710
Ion Ratio Lower Upper
165 100
63 51.0 40.9 61.3
89 54.4 42.1 63.1

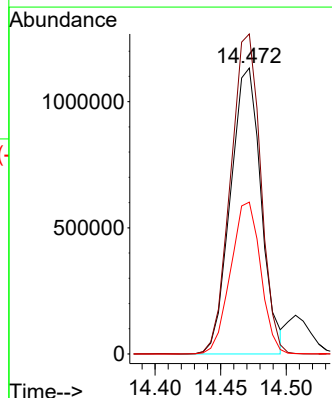
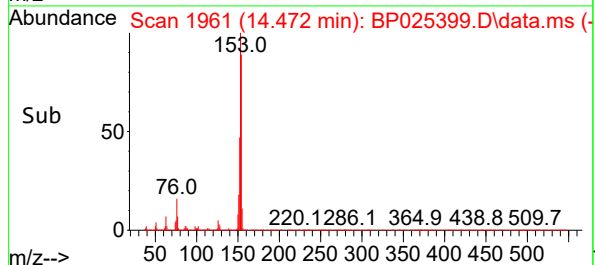
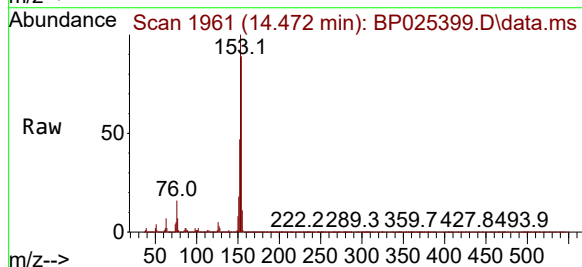
Manual Integrations
APPROVED

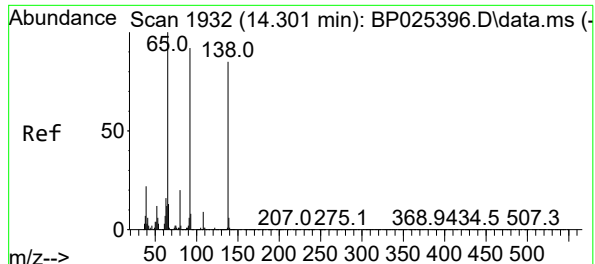
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#52
Acenaphthene
Concen: 76.902 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

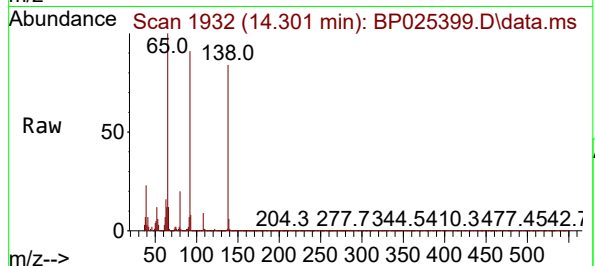
Tgt Ion:154 Resp: 1841448
Ion Ratio Lower Upper
154 100
153 111.9 90.2 135.2
152 53.1 42.1 63.1





#53
3-Nitroaniline
Concen: 81.627 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

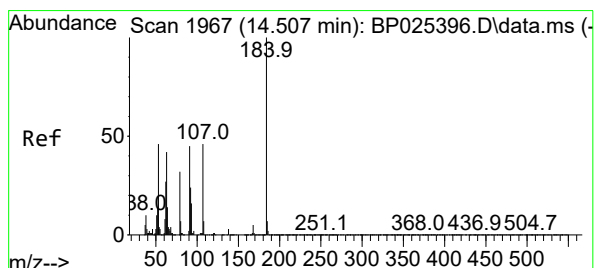
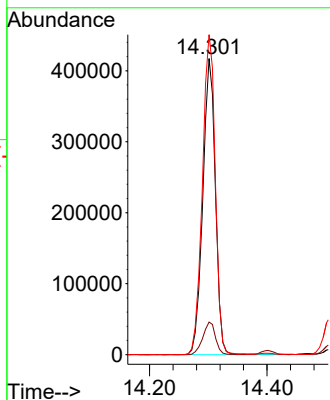
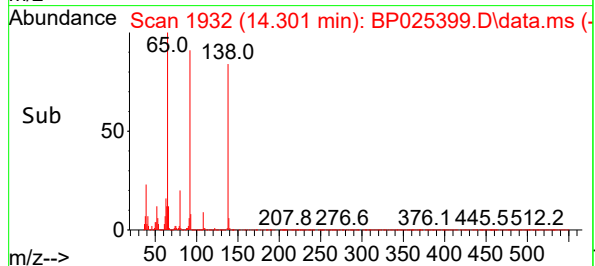
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:138 Resp: 61808
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 108.1 86.2 129.2

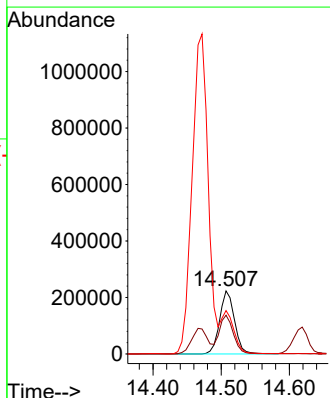
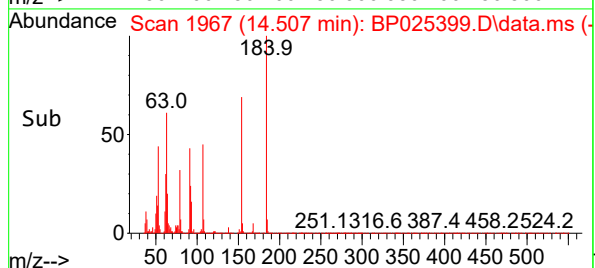
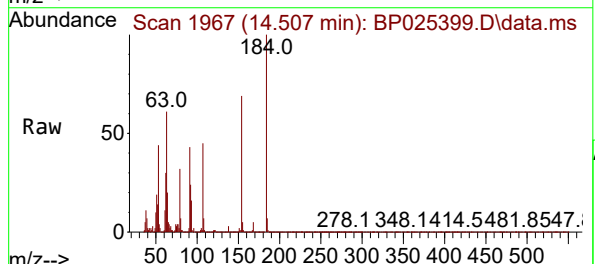
Manual Integrations
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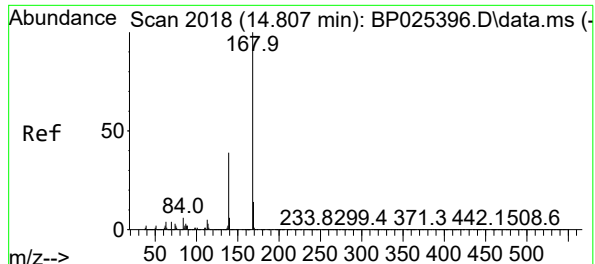
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#54
2,4-Dinitrophenol
Concen: 94.356 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

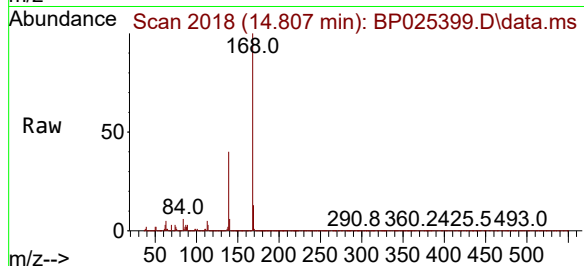
Tgt Ion:184 Resp: 339125
Ion Ratio Lower Upper
184 100
63 61.4 49.4 74.2
154 68.6 54.6 82.0





#55
Dibenzenofuran
Concen: 77.023 ng
RT: 14.807 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

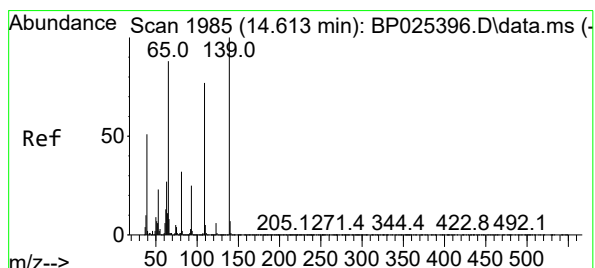
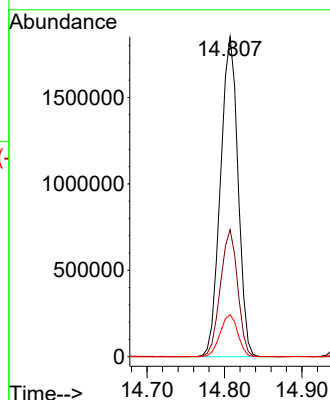
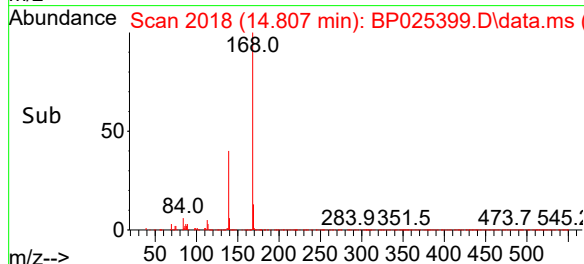
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:168 Resp: 291593
Ion Ratio Lower Upper
168 100
139 39.7 31.5 47.3
169 13.1 10.9 16.3

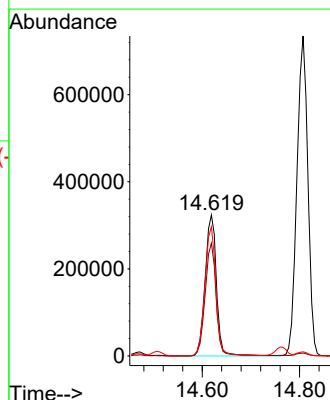
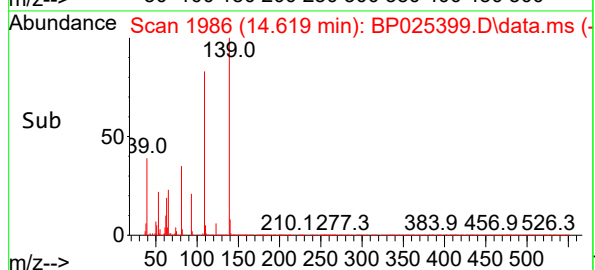
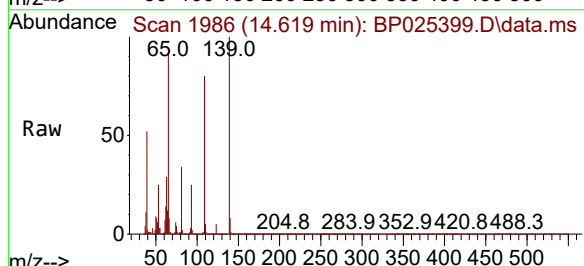
Manual Integrations
APPROVED

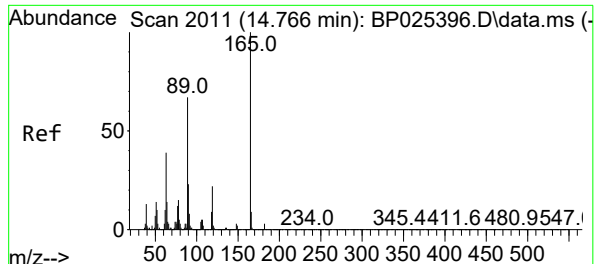
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#56
4-Nitrophenol
Concen: 83.618 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

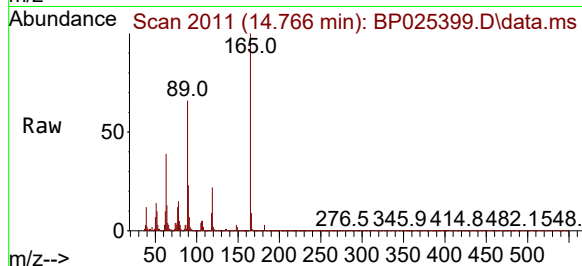
Tgt Ion:139 Resp: 520294
Ion Ratio Lower Upper
139 100
109 80.0 56.6 96.6
65 91.5 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 82.399 ng
RT: 14.766 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

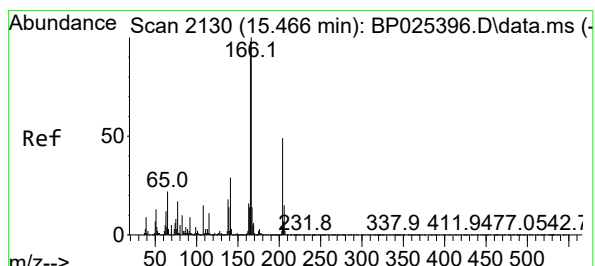
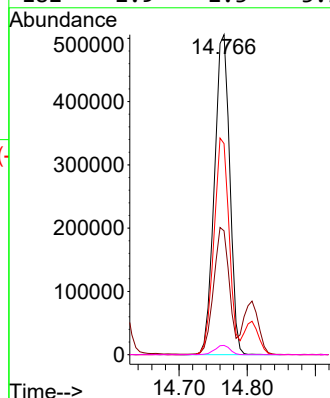
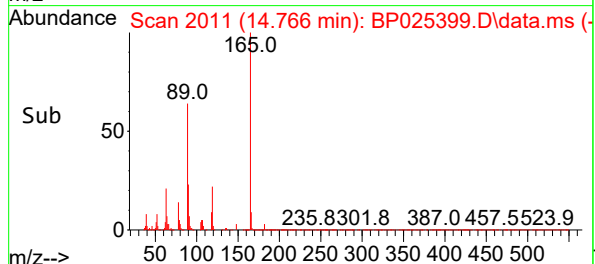
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 791214
Ion Ratio Lower Upper
165 100
63 38.7 31.4 47.2
89 66.0 53.3 79.9
182 2.9 2.3 3.5

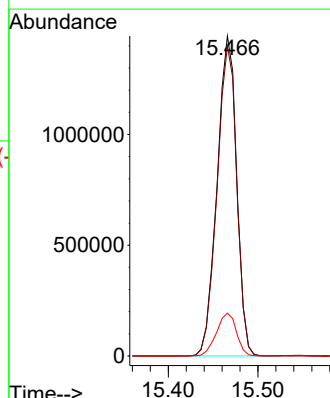
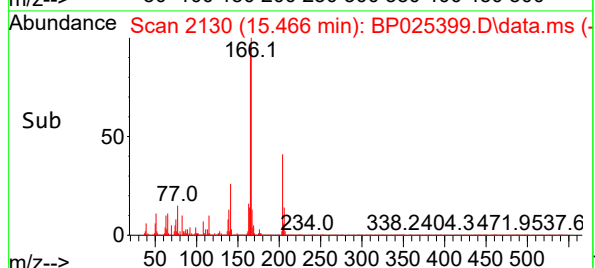
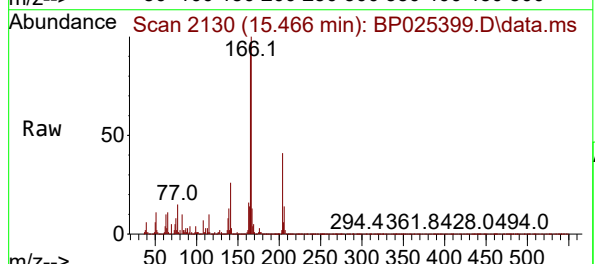
Manual Integrations
APPROVED

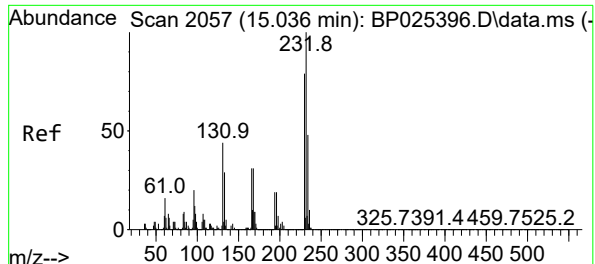
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#58
Fluorene
Concen: 73.164 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:166 Resp: 2185593
Ion Ratio Lower Upper
166 100
165 96.8 78.8 118.2
167 13.4 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 80.448 ng

RT: 15.031 min Scan# 2057

Delta R.T. -0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:232 Resp: 661890

Ion Ratio Lower Upper

232 100

131 45.9 37.0 55.6

130 2.5 1.9 2.9

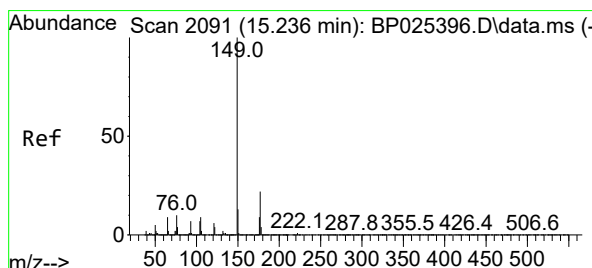
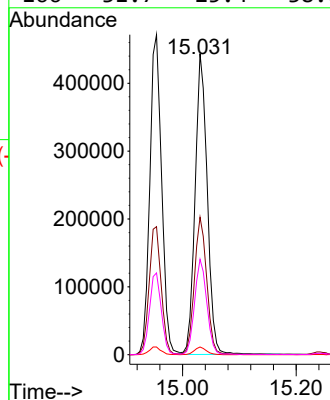
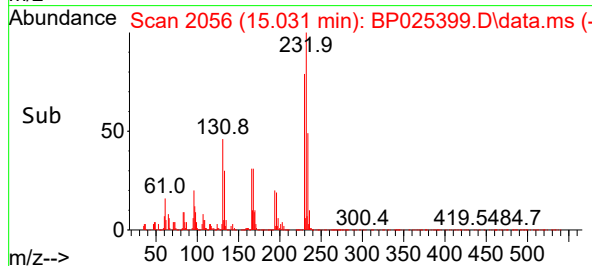
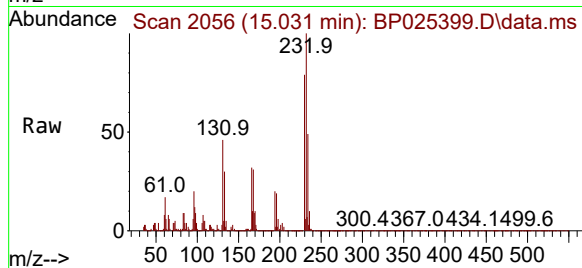
166 31.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#60

Diethylphthalate

Concen: 76.870 ng

RT: 15.242 min Scan# 2092

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

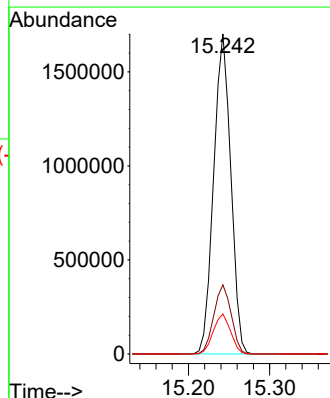
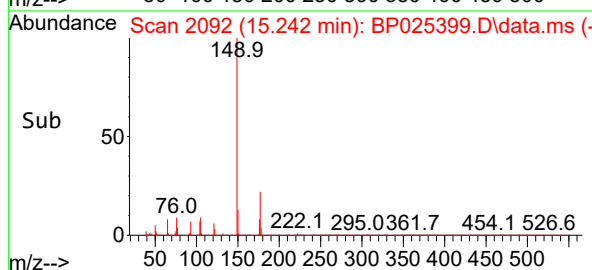
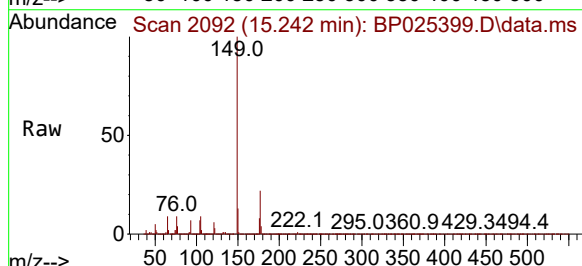
Tgt Ion:149 Resp: 2494087

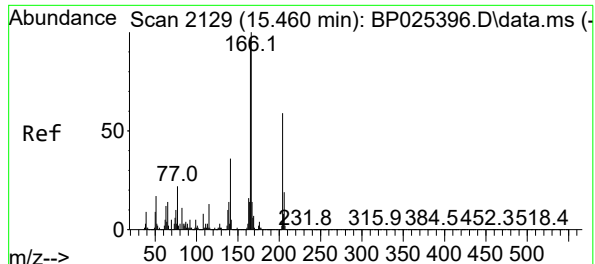
Ion Ratio Lower Upper

149 100

177 21.6 17.3 25.9

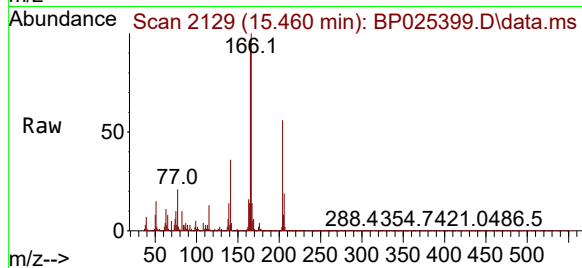
150 12.5 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 74.388 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

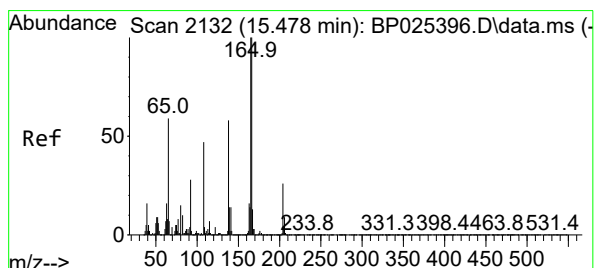
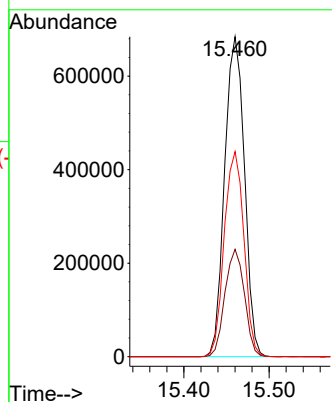
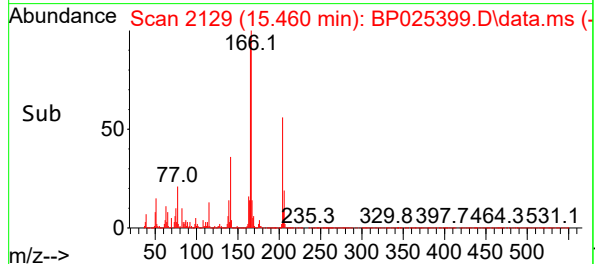
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:204 Resp: 110515
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.8
141 64.1 49.4 74.2

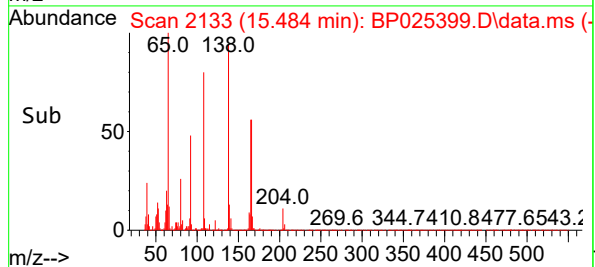
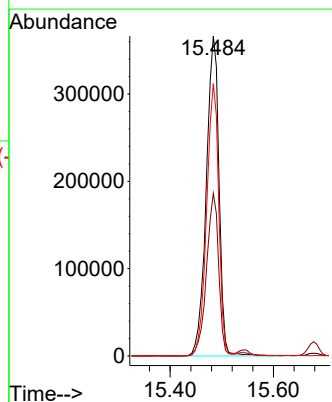
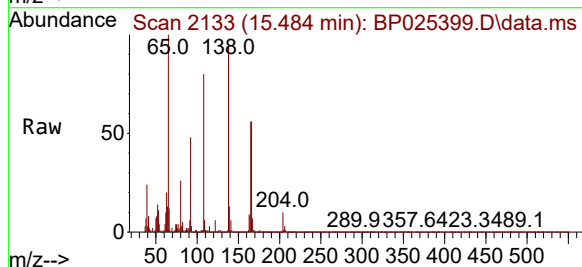
Manual Integrations
APPROVED

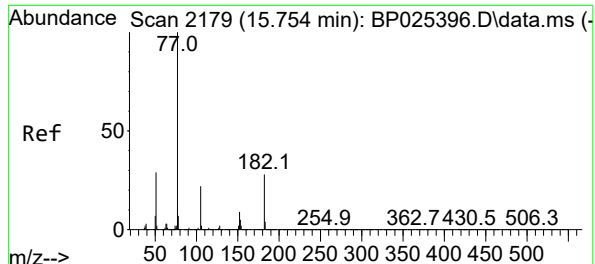
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#62
4-Nitroaniline
Concen: 80.710 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

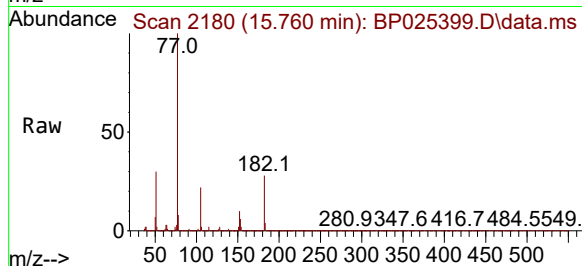
Tgt Ion:138 Resp: 626525
Ion Ratio Lower Upper
138 100
92 50.8 29.1 69.1
108 85.1 61.5 101.5





#63
Azobenzene
Concen: 77.017 ng
RT: 15.760 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

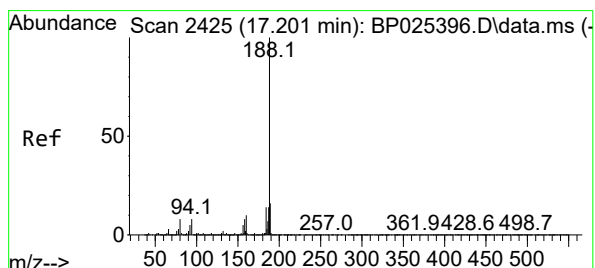
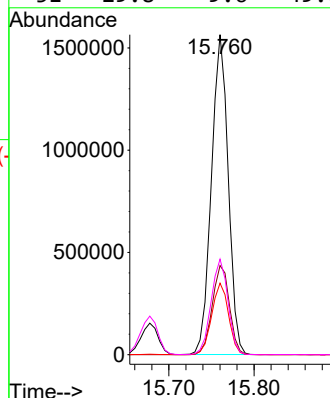
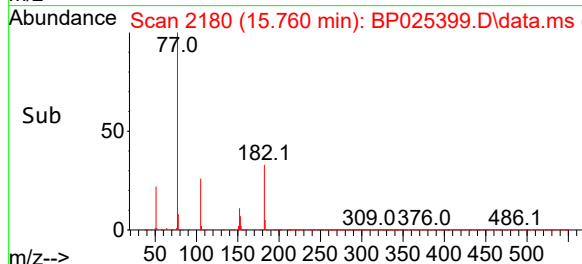
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 2139674
Ion Ratio Lower Upper
77 100
182 27.9 7.5 47.5
105 22.3 2.1 42.1
51 29.8 9.6 49.6

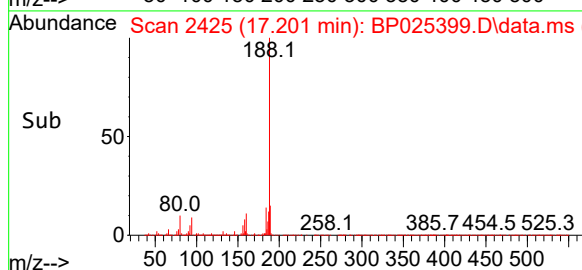
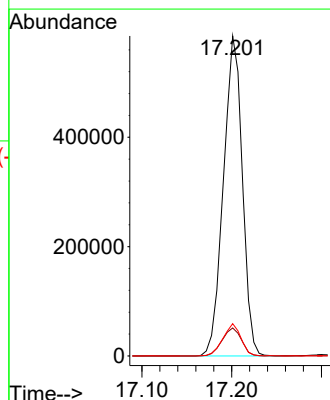
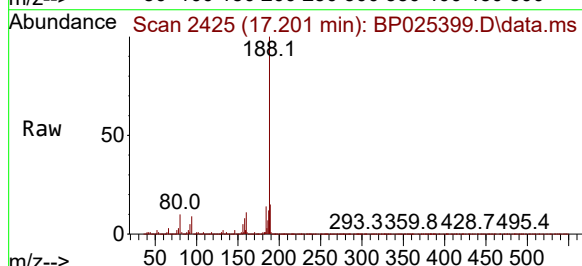
Manual Integrations
APPROVED

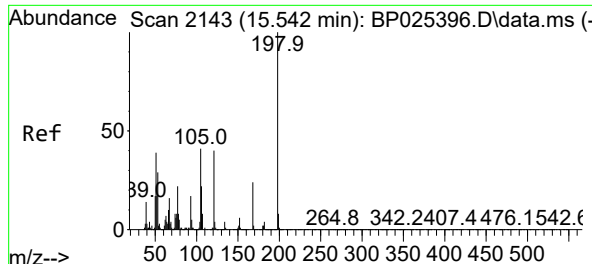
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:188 Resp: 856946
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 10.1 6.7 10.1#





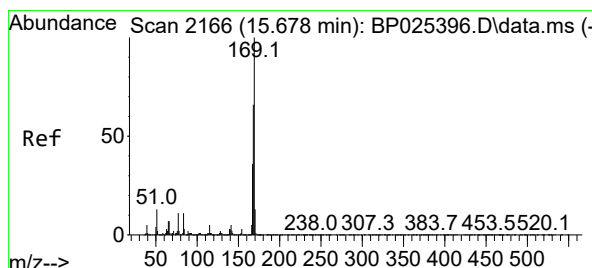
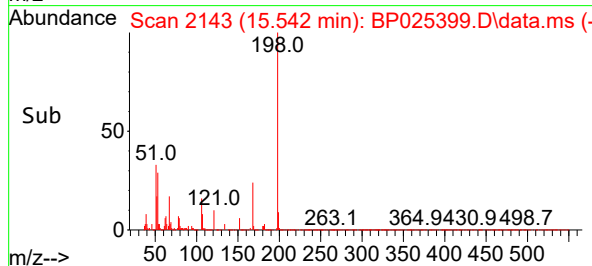
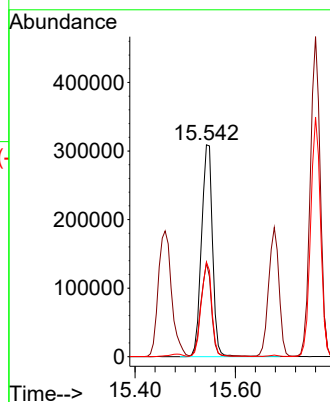
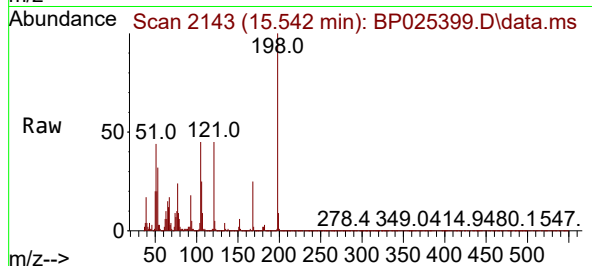
#65
4,6-Dinitro-2-methylphenol
Concen: 88.473 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 472602
Ion Ratio Lower Upper
198 100
51 44.3 19.6 59.6
105 44.6 20.9 60.9

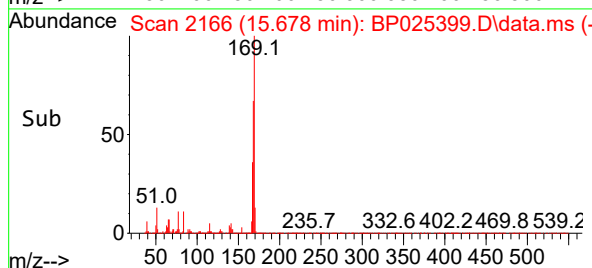
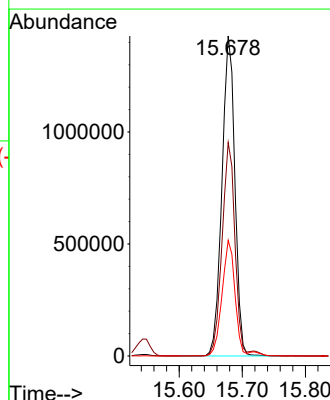
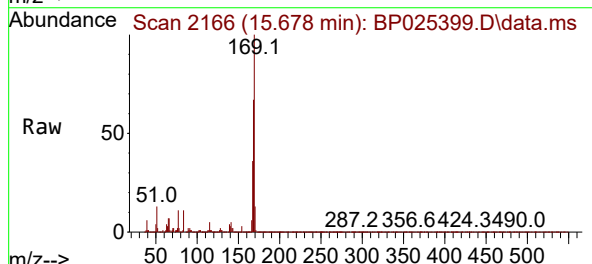
Manual Integrations
APPROVED

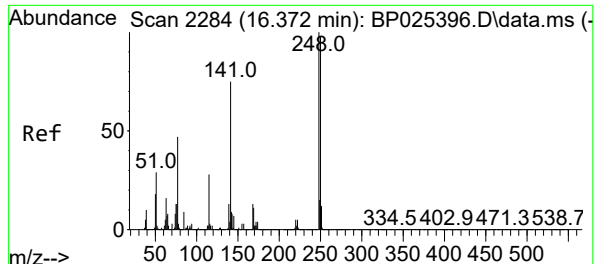
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 77.866 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

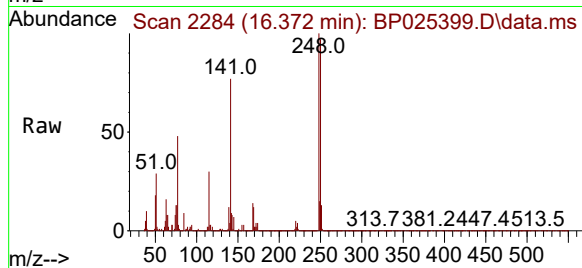
Tgt Ion:169 Resp: 2034782
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 36.2 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 79.144 ng
RT: 16.372 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

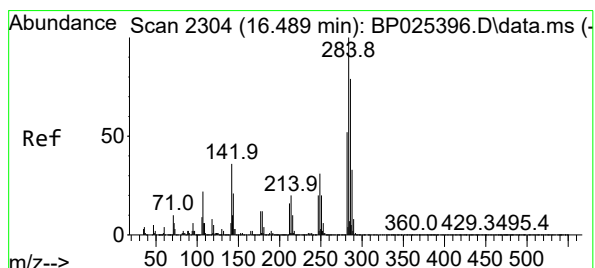
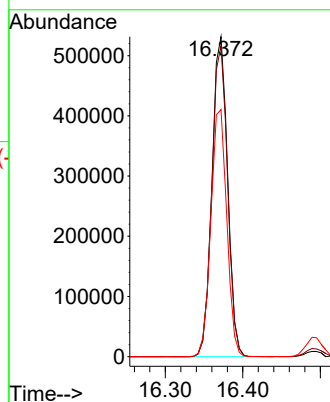
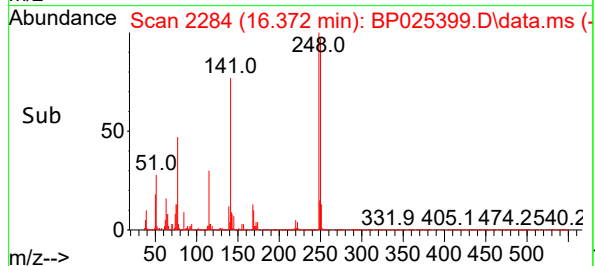
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:248 Resp: 745915
Ion Ratio Lower Upper
248 100
250 97.2 78.2 117.2
141 77.2 59.6 89.4

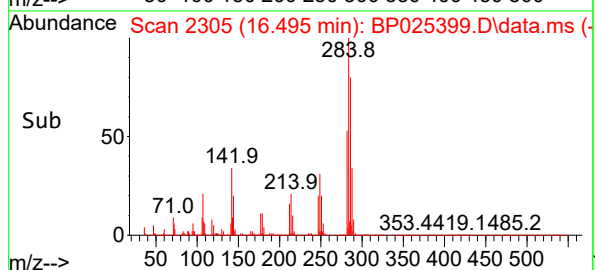
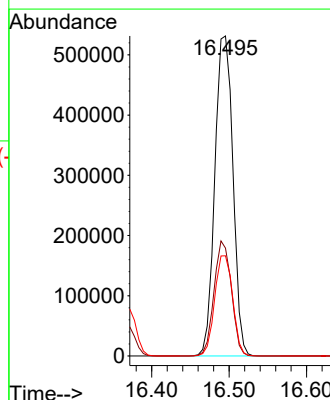
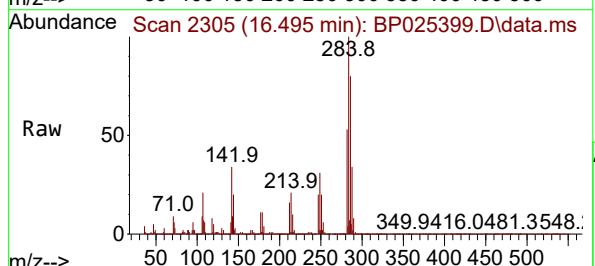
Manual Integrations
APPROVED

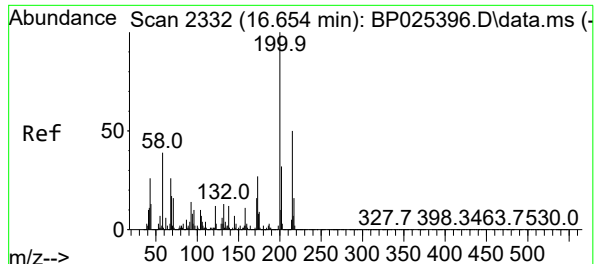
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#68
Hexachlorobenzene
Concen: 78.721 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

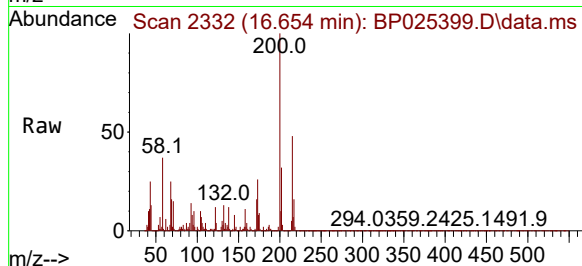
Tgt Ion:284 Resp: 860051
Ion Ratio Lower Upper
284 100
142 33.7 29.1 43.7
249 31.3 25.0 37.4





#69
Atrazine
Concen: 80.064 ng
RT: 16.654 min Scan# 2332
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

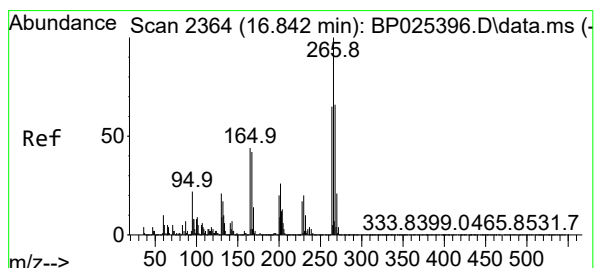
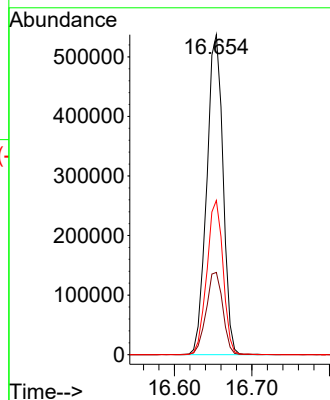
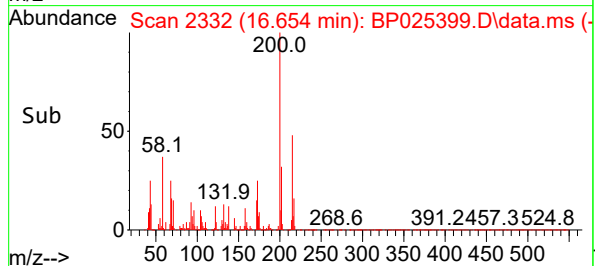
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:200 Resp: 78353
Ion Ratio Lower Upper
200 100
173 25.7 6.7 46.7
215 48.2 29.7 69.7

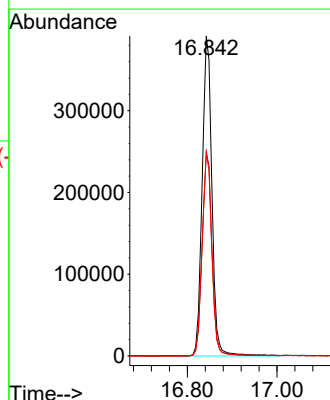
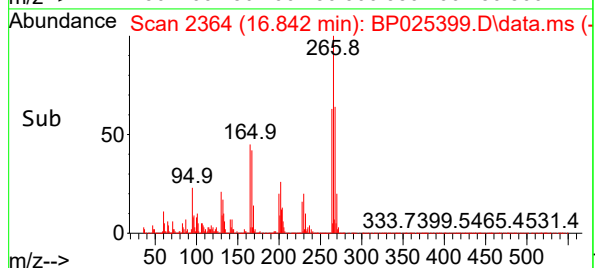
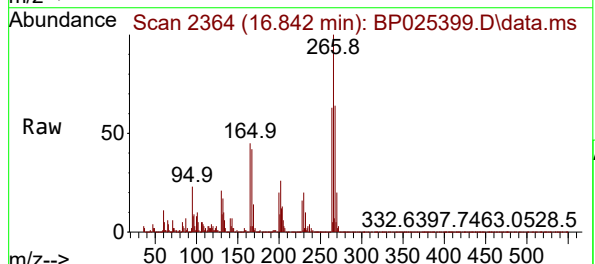
Manual Integrations
APPROVED

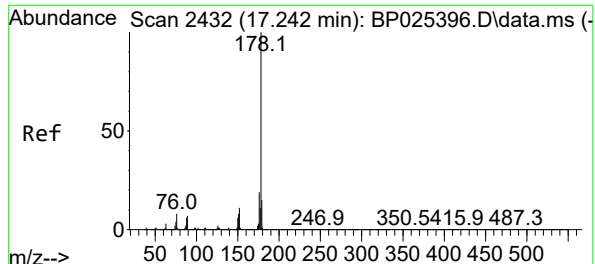
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#70
Pentachlorophenol
Concen: 85.502 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

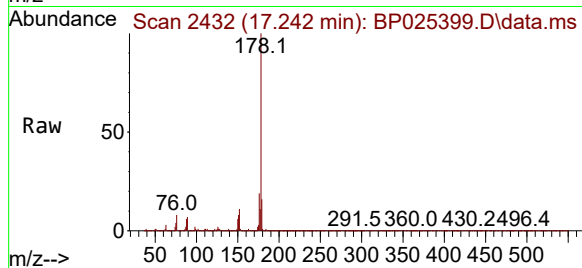
Tgt Ion:266 Resp: 589673
Ion Ratio Lower Upper
266 100
268 63.8 52.6 79.0
264 63.4 52.0 78.0





#71
Phenanthrene
Concen: 76.972 ng
RT: 17.242 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

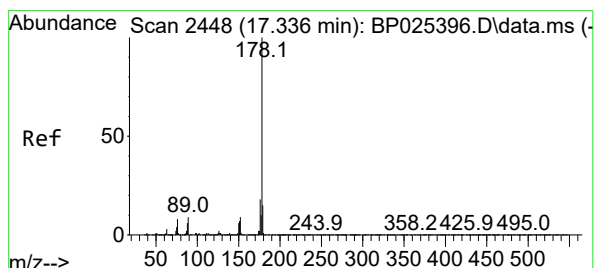
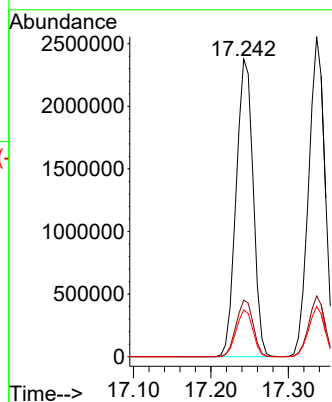
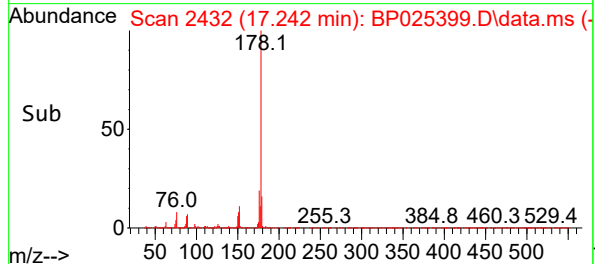
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 3623454
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.7 12.2 18.4

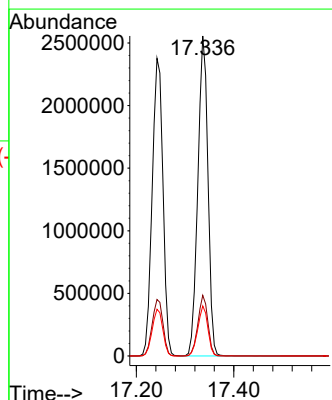
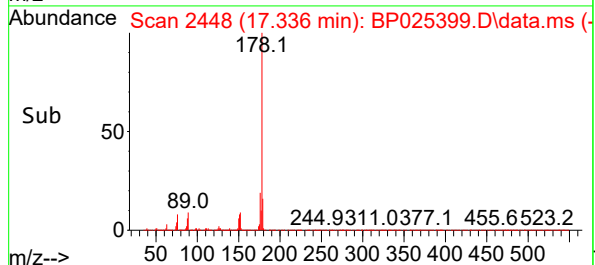
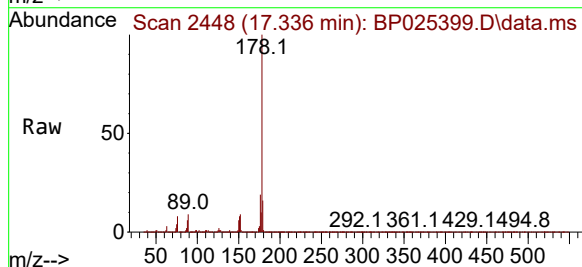
Manual Integrations
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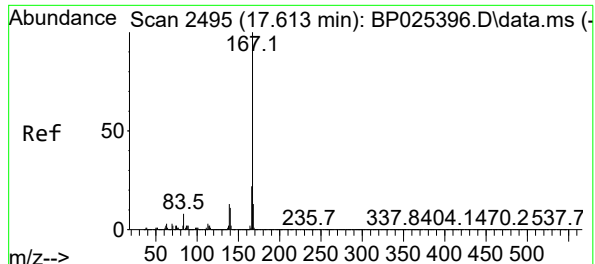
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 77.014 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

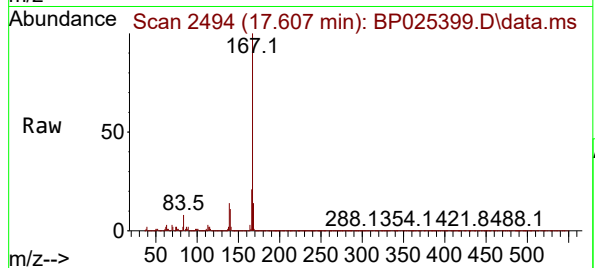
Tgt Ion:178 Resp: 3702277
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.7 12.2 18.2





#73
Carbazole
Concen: 77.368 ng
RT: 17.607 min Scan# 2494
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

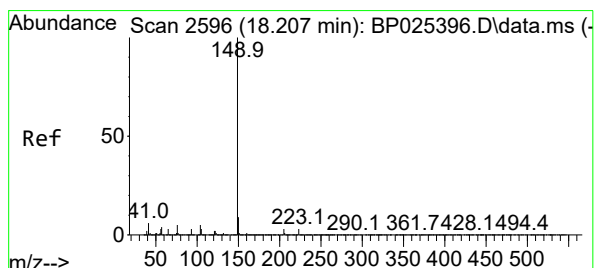
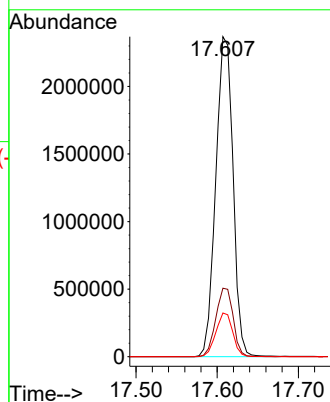
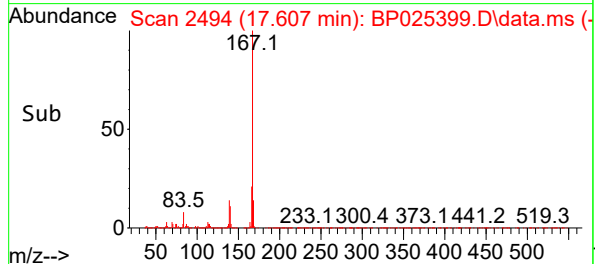
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:167 Resp: 350327
Ion Ratio Lower Upper
167 100
166 21.4 17.5 26.3
139 13.7 10.6 16.0

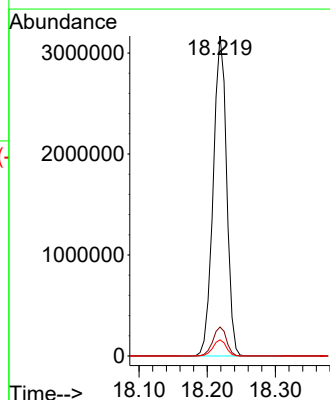
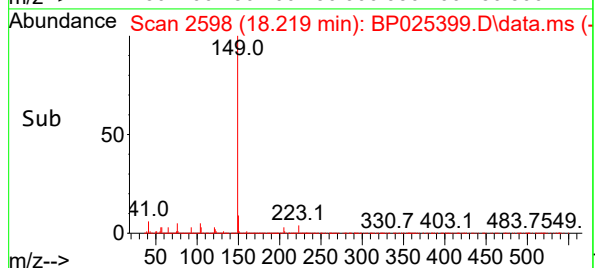
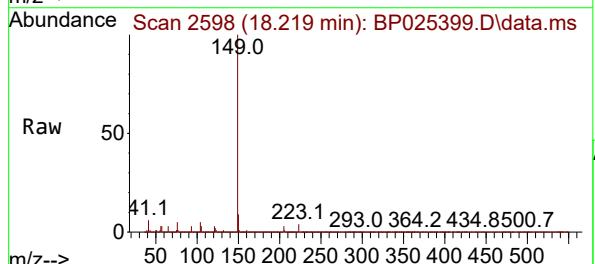
Manual Integrations
APPROVED

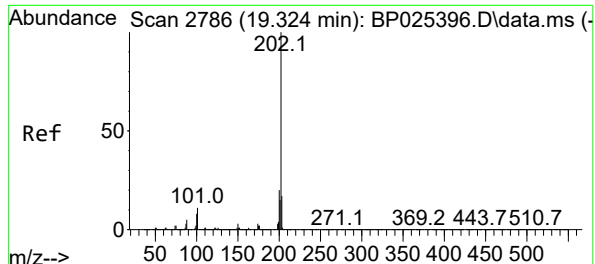
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#74
Di-n-butylphthalate
Concen: 77.844 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

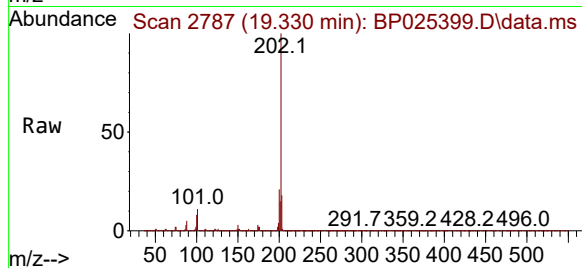
Tgt Ion:149 Resp: 4336701
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.0 4.2 6.2





#75
Fluoranthene
Concen: 76.815 ng
RT: 19.330 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

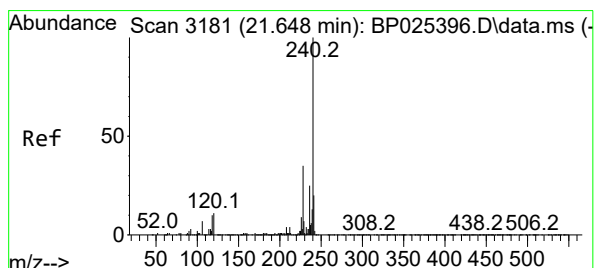
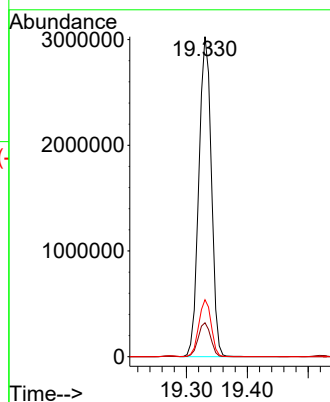
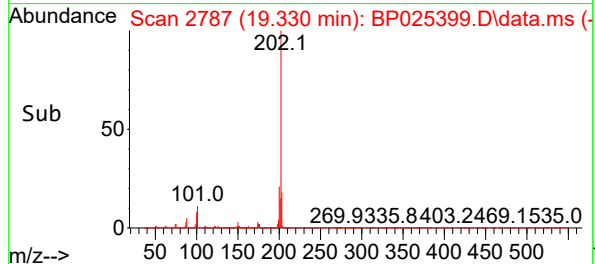
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 431330
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.1
203 17.8 0.0 37.3

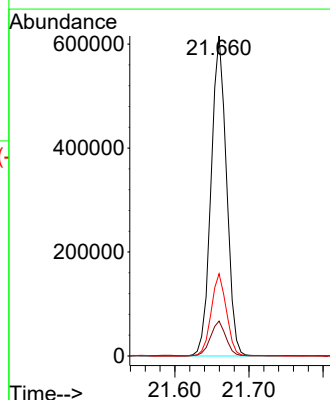
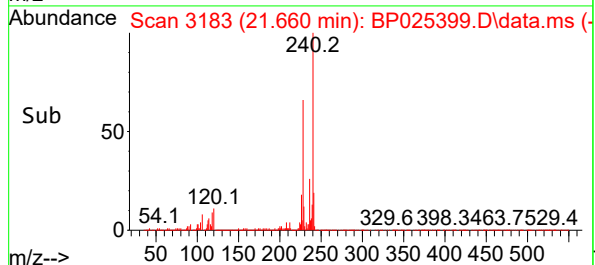
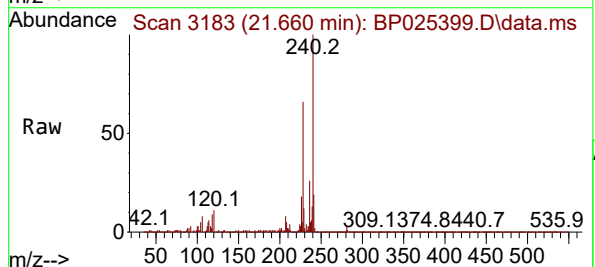
Manual Integrations
APPROVED

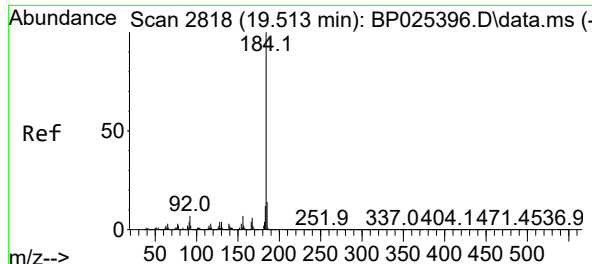
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3183
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

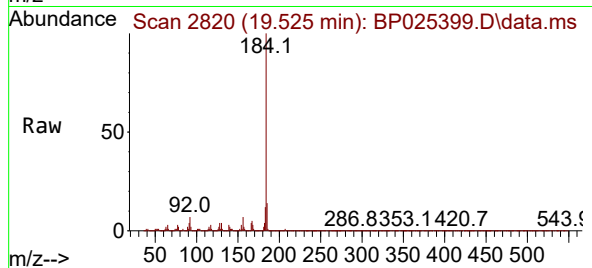
Tgt Ion:240 Resp: 888879
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.7 19.8 29.8





#77
Benzidine
Concen: 67.124 ng
RT: 19.525 min Scan# 2818
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

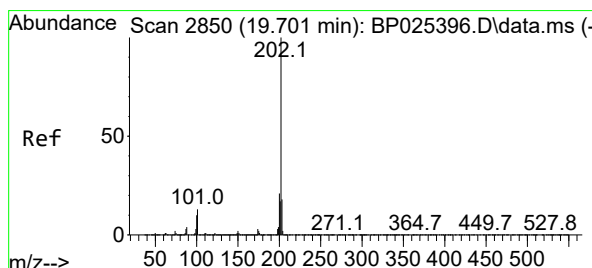
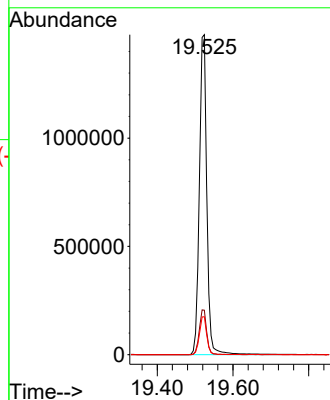
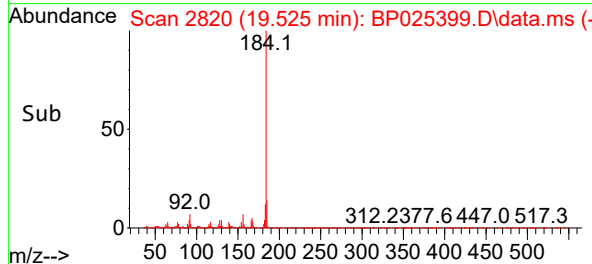
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:184 Resp: 2036240
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 11.9 9.4 14.2

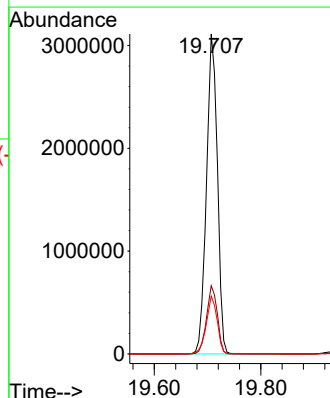
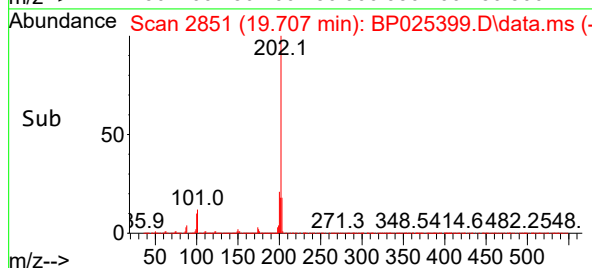
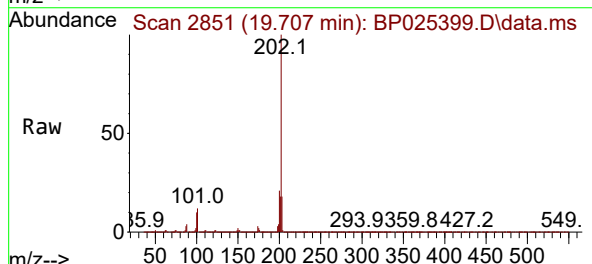
Manual Integrations
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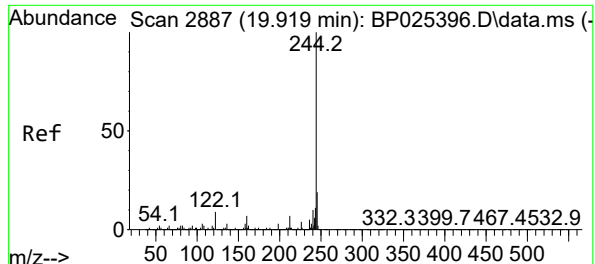
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 76.343 ng
RT: 19.707 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

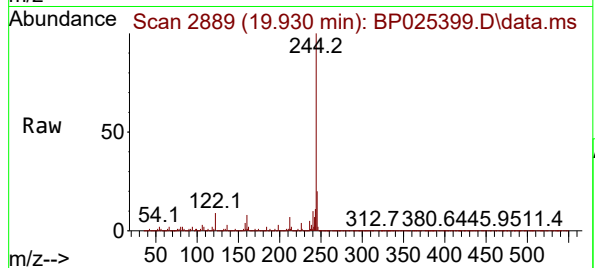
Tgt Ion:202 Resp: 4410693
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 18.1 14.2 21.2





#79
Terphenyl-d14
Concen: 146.217 ng
RT: 19.930 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

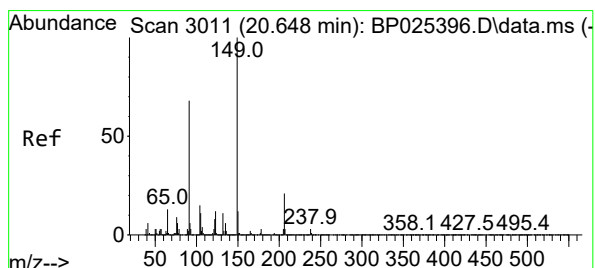
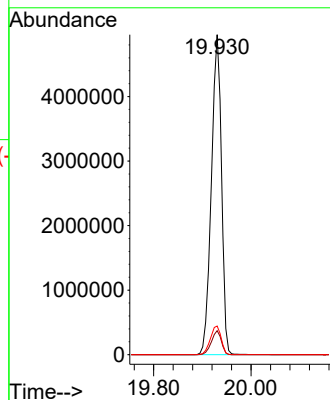
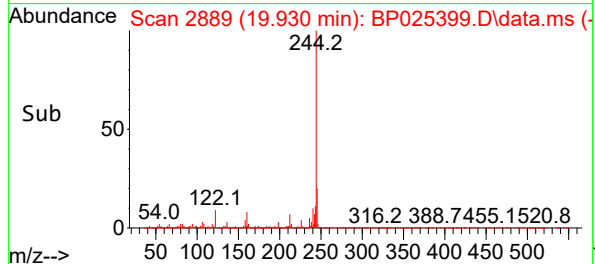
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:244 Resp: 7103810
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.0 7.4 11.2

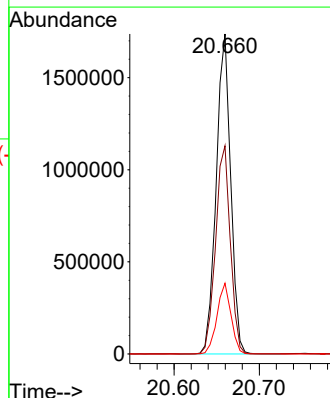
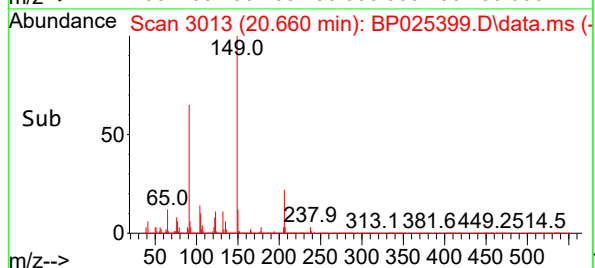
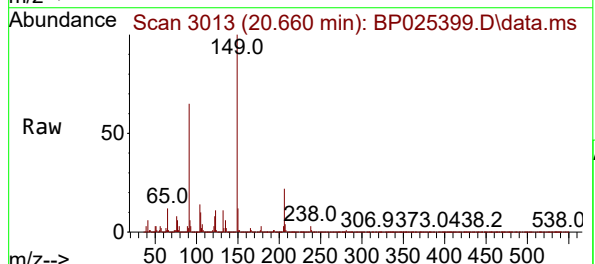
Manual Integrations
APPROVED

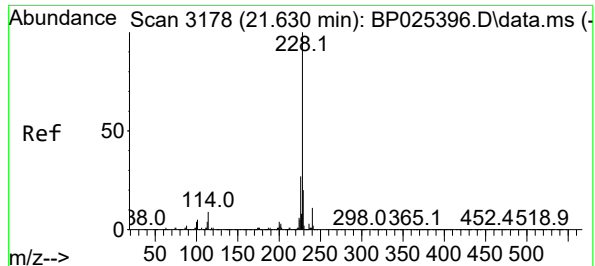
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#80
Butylbenzylphthalate
Concen: 78.460 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

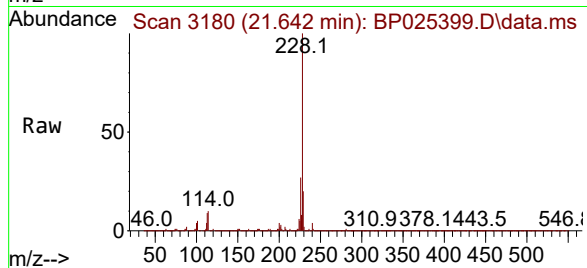
Tgt Ion:149 Resp: 2054404
Ion Ratio Lower Upper
149 100
91 65.0 54.2 81.2
206 22.1 16.6 24.8





#81
Benzo(a)anthracene
Concen: 77.322 ng
RT: 21.642 min Scan# 3180
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

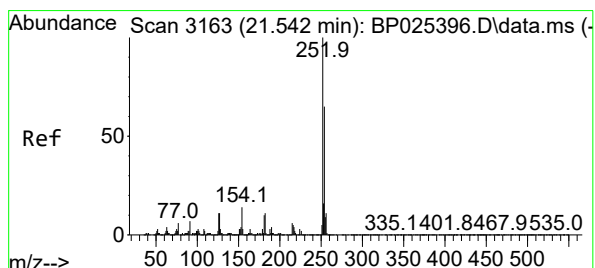
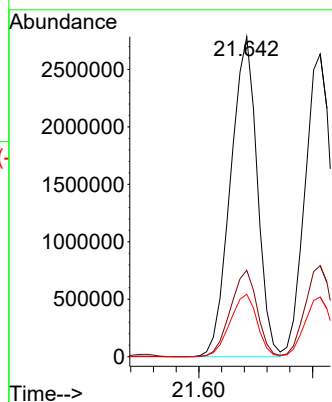
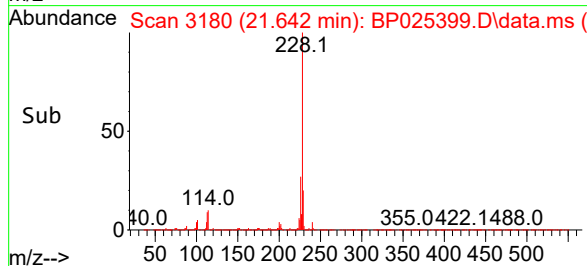
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 453276
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.5 15.6 23.4

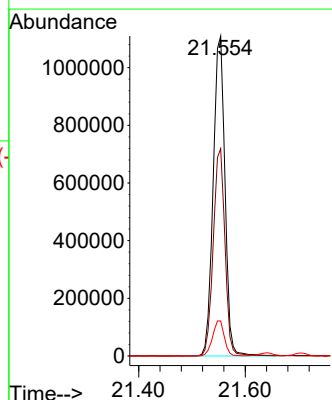
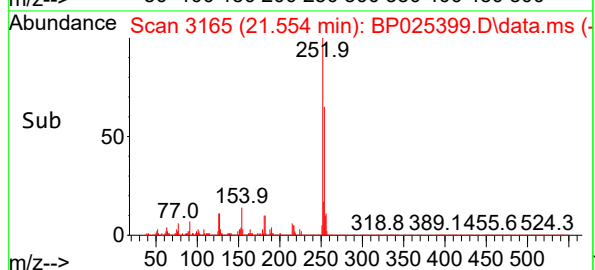
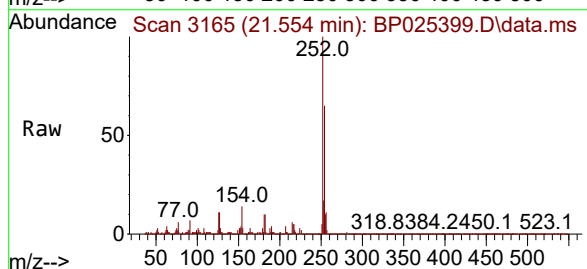
Manual Integrations
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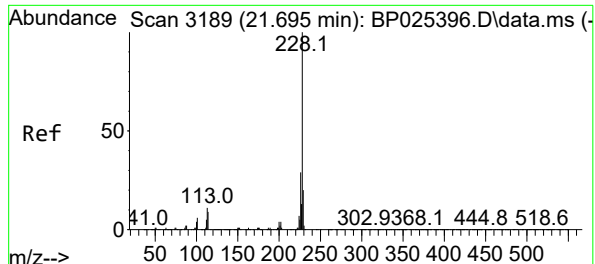
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#82
3,3'-Dichlorobenzidine
Concen: 77.197 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

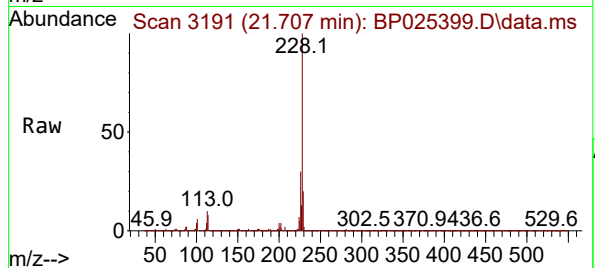
Tgt Ion:252 Resp: 1705746
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.6
126 11.0 9.1 13.7





#83
Chrysene
Concen: 76.835 ng
RT: 21.707 min Scan# 3189
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

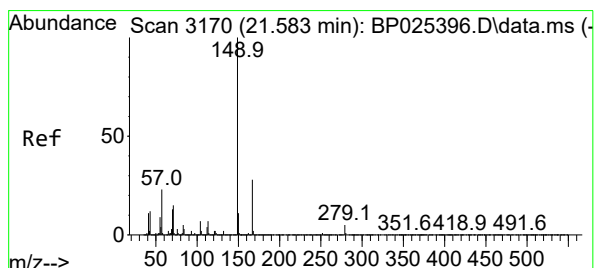
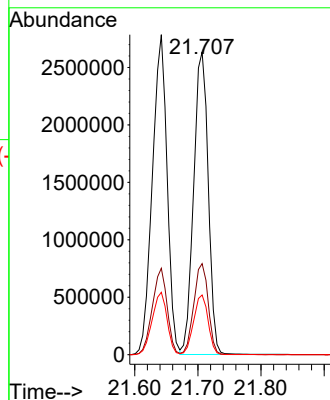
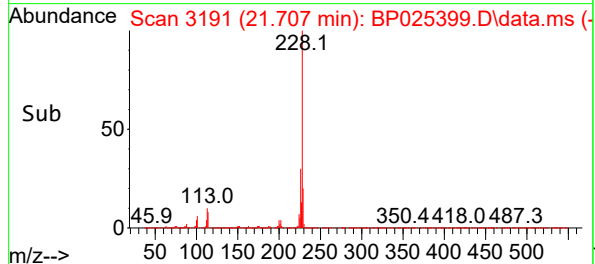
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 421816
Ion Ratio Lower Upper
228 100
226 30.1 23.2 34.8
229 19.7 15.6 23.4

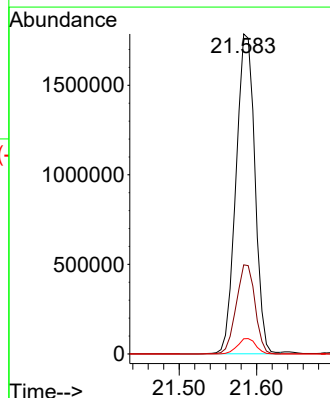
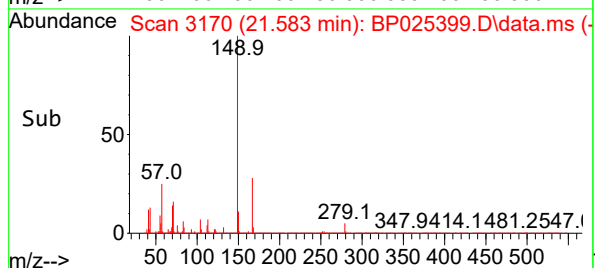
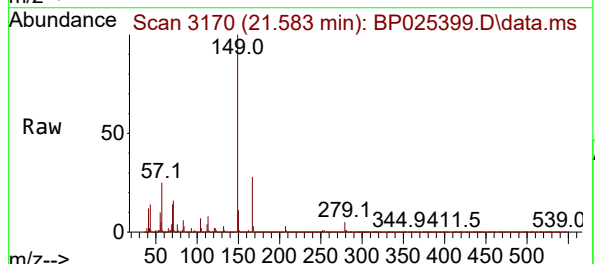
Manual Integrations
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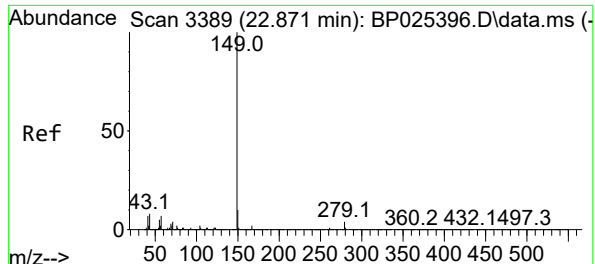
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 78.400 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

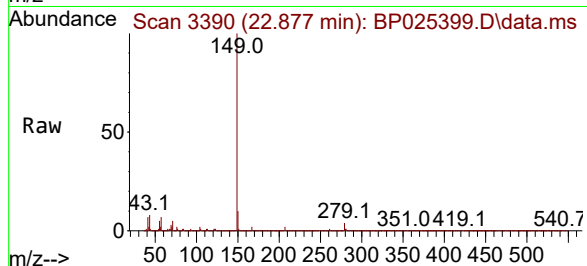
Tgt Ion:149 Resp: 3021891
Ion Ratio Lower Upper
149 100
167 27.8 22.1 33.1
279 4.8 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 79.974 ng
RT: 22.877 min Scan# 3389
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

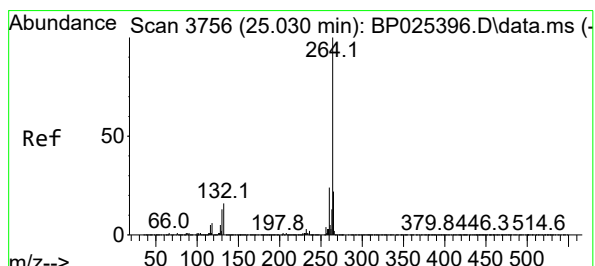
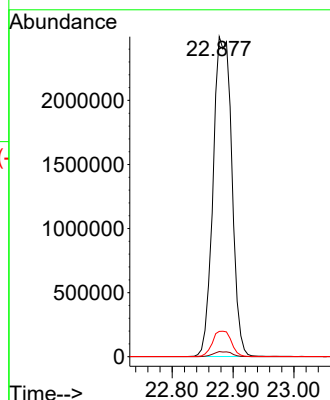
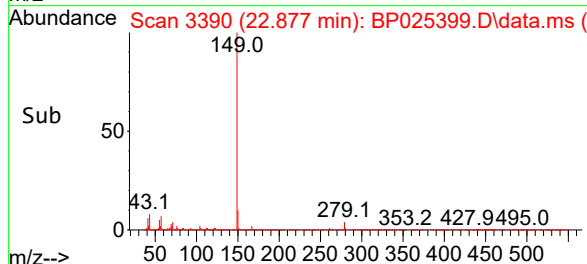
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 5302080
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 6.3 9.5

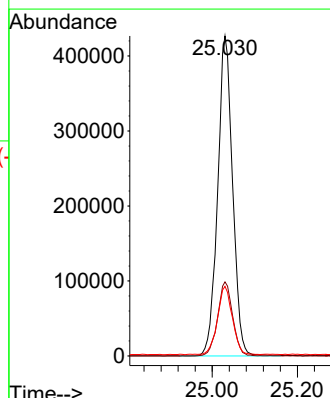
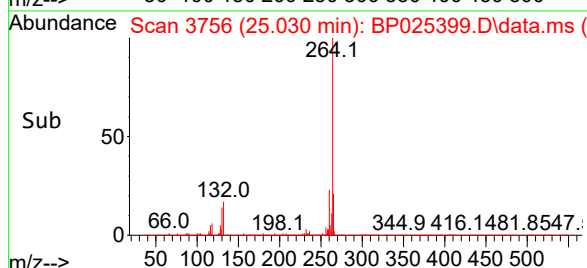
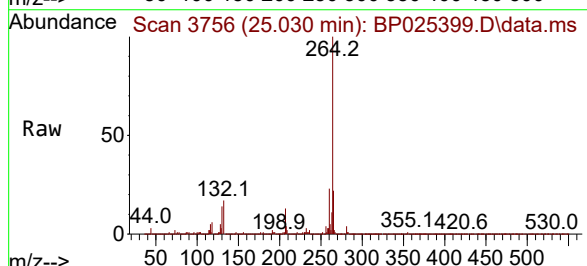
Manual Integrations
APPROVED

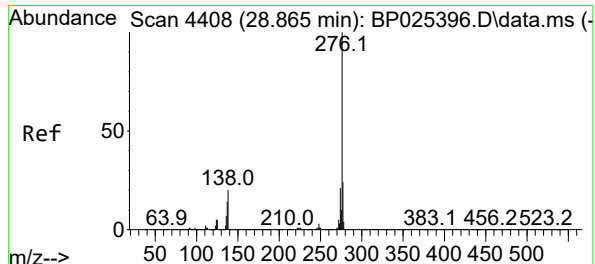
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 3756
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

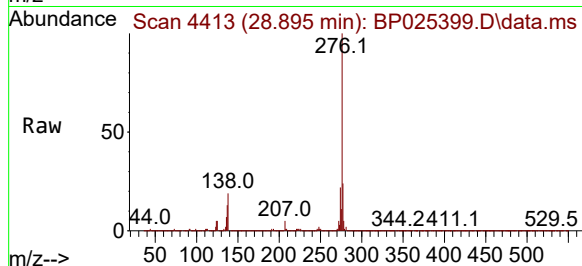
Tgt Ion:264 Resp: 1037707
Ion Ratio Lower Upper
264 100
260 23.2 19.3 28.9
265 21.8 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 81.030 ng m
RT: 28.895 min Scan# 4408
Delta R.T. 0.029 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

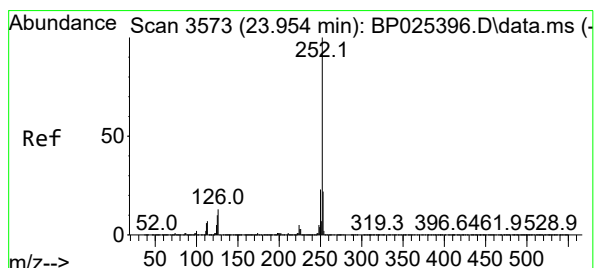
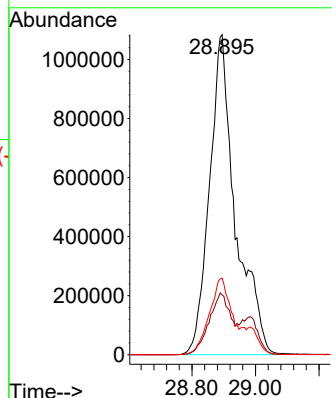
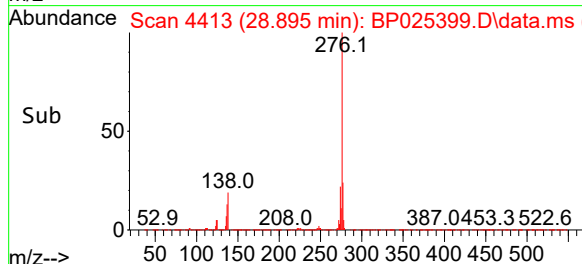
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 276 Resp: 6168570
Ion Ratio Lower Upper
276 100
138 16.9 12.9 19.3
277 20.5 17.0 25.6

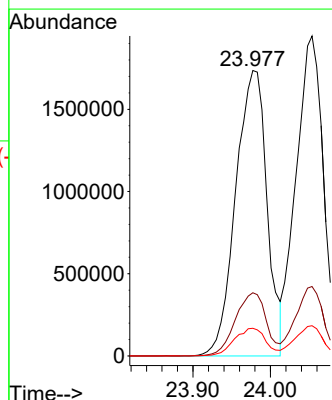
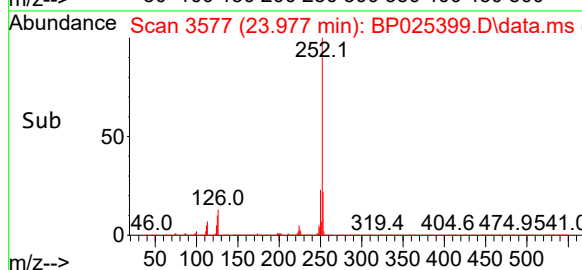
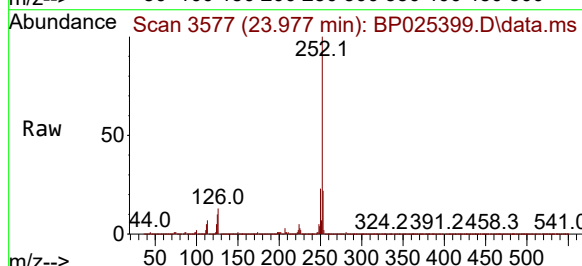
Manual Integrations
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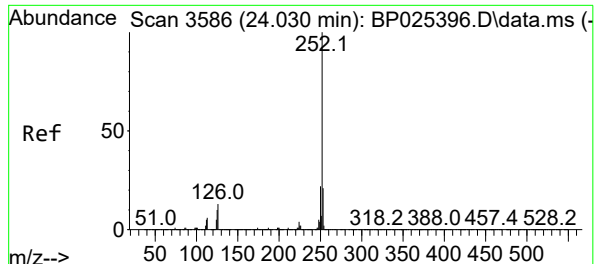
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#88
Benzo(b)fluoranthene
Concen: 79.692 ng
RT: 23.977 min Scan# 3577
Delta R.T. 0.024 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 252 Resp: 4876398
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.7 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 77.323 ng

RT: 24.054 min Scan# 31

Delta R.T. 0.024 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 473463

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

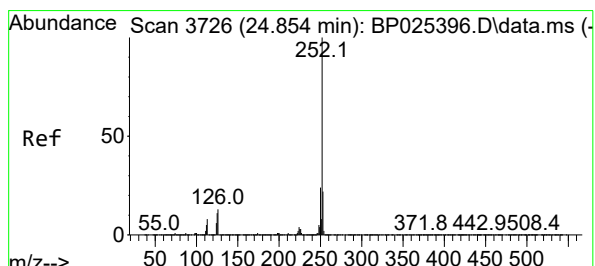
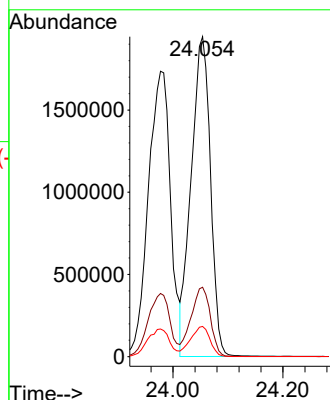
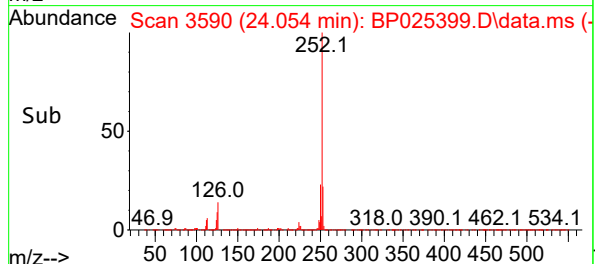
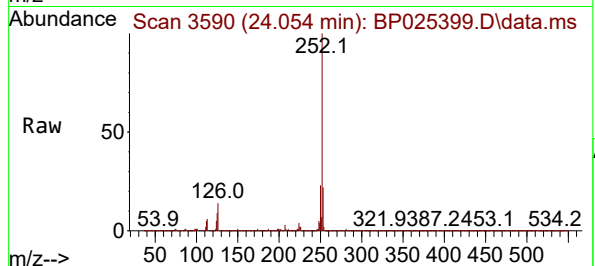
125 9.5 7.8 11.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 79.505 ng

RT: 24.889 min Scan# 3732

Delta R.T. 0.035 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

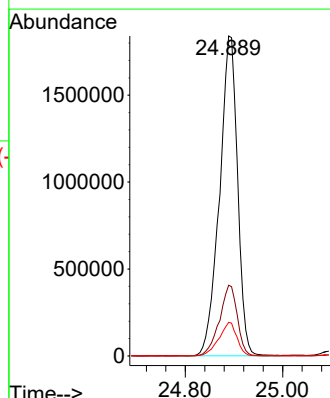
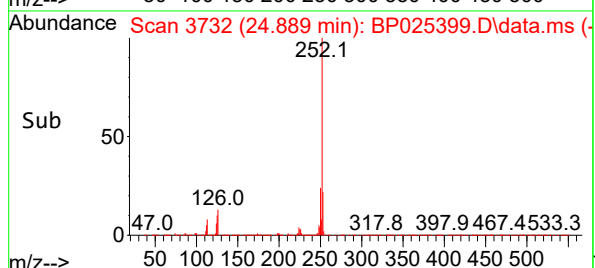
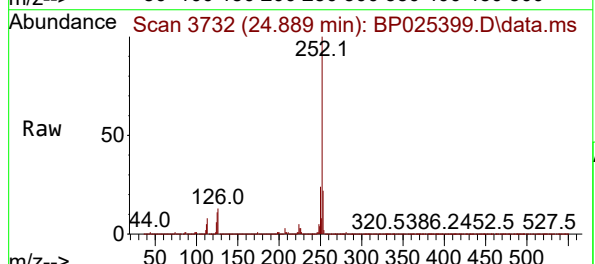
Tgt Ion:252 Resp: 4735685

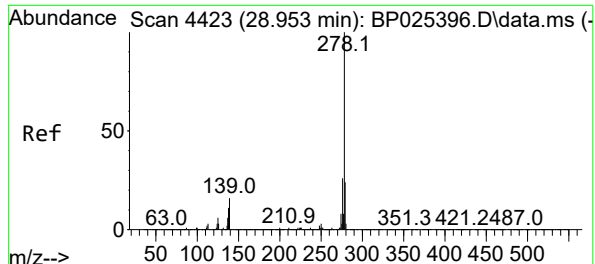
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

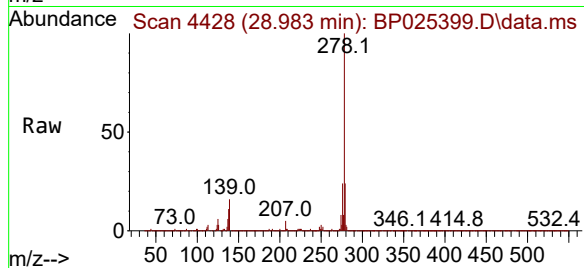
125 10.5 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 81.142 ng
RT: 28.983 min Scan# 4423
Delta R.T. 0.029 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

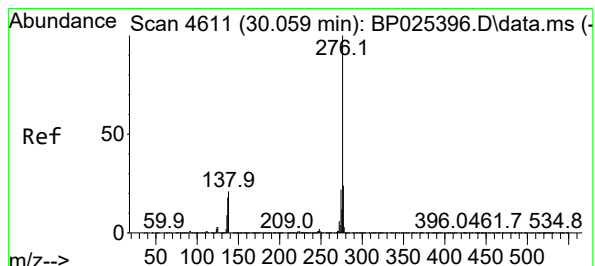
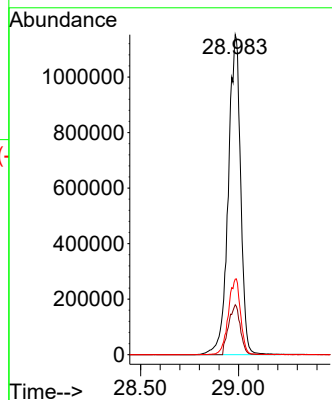
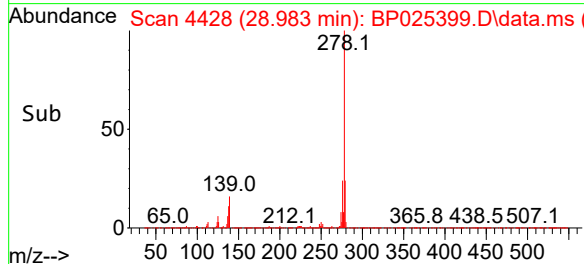
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 278 Resp: 5046260
Ion Ratio Lower Upper
278 100
139 15.6 13.0 19.4
279 23.6 19.4 29.2

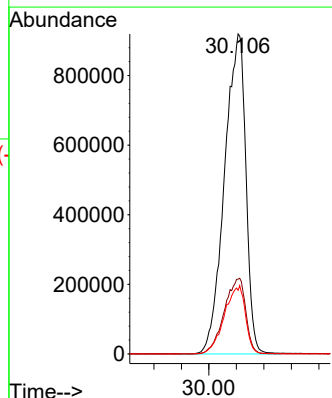
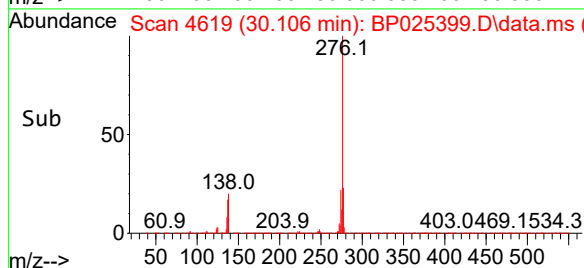
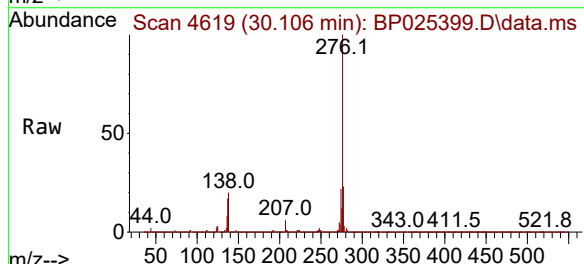
Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 80.973 ng
RT: 30.106 min Scan# 4619
Delta R.T. 0.047 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 276 Resp: 4949477
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 19.9 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025400.D
 Acq On : 14 Aug 2025 18:05
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP081425

Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 18:24:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	174007	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	750079	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	503239	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	1034378	20.000	ng	0.01
76) Chrysene-d12	21.654	240	1060337	20.000	ng	0.00
86) Perylene-d12	25.024	264	1200519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	727486	69.430	ng	0.00
7) Phenol-d6	6.966	99	962695	71.663	ng	0.00
23) Nitrobenzene-d5	8.937	82	984441	66.391	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	484870	71.582	ng	0.00
45) 2-Fluorobiphenyl	13.025	172	2430828	66.016	ng	0.00
79) Terphenyl-d14	19.936	244	3848160	66.399	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	138687	33.792	ng	99
3) Pyridine	3.731	79	403298	35.901	ng	98
4) n-Nitrosodimethylamine	3.631	42	176521	38.115	ng	98
6) Aniline	7.125	93	690437	38.147	ng	99
8) 2-Chlorophenol	7.366	128	455230	38.501	ng	99
9) Benzaldehyde	6.943	77	321335	34.142	ng	96
10) Phenol	6.996	94	541123	38.388	ng	99
11) bis(2-Chloroethyl)ether	7.219	93	421318	38.348	ng	99
12) 1,3-Dichlorobenzene	7.684	146	492014	37.738	ng	100
13) 1,4-Dichlorobenzene	7.825	146	504919	37.890	ng	97
14) 1,2-Dichlorobenzene	8.143	146	487845	37.818	ng	99
15) Benzyl Alcohol	8.025	79	416544	39.025	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	563276	38.271	ng	99
17) 2-Methylphenol	8.225	107	380608	38.877	ng	100
18) Hexachloroethane	8.866	117	186691	38.103	ng	97
19) n-Nitroso-di-n-propyla...	8.590	70	340533	38.270	ng	99
20) 3+4-Methylphenols	8.549	107	524095	38.620	ng	99
22) Acetophenone	8.602	105	718869	38.216	ng	# 99
24) Nitrobenzene	8.978	77	494466	37.313	ng	98
25) Isophorone	9.501	82	993378	37.855	ng	99
26) 2-Nitrophenol	9.678	139	263348	38.722	ng	97
27) 2,4-Dimethylphenol	9.743	122	455078	38.910	ng	99
28) bis(2-Chloroethoxy)met...	9.972	93	599862	37.816	ng	99
29) 2,4-Dichlorophenol	10.213	162	449034	38.649	ng	98
30) 1,2,4-Trichlorobenzene	10.431	180	474183	37.231	ng	98
31) Naphthalene	10.613	128	1459279	37.431	ng	99
32) Benzoic acid	9.884	122	330207	38.242	ng	96
33) 4-Chloroaniline	10.713	127	655135	38.043	ng	99
34) Hexachlorobutadiene	10.901	225	293728	37.031	ng	98
35) Caprolactam	11.501	113	163211	38.310	ng	98
36) 4-Chloro-3-methylphenol	11.837	107	517126	38.789	ng	98
37) 2-Methylnaphthalene	12.219	142	960146	37.845	ng	99
38) 1-Methylnaphthalene	12.443	142	1012844	37.539	ng	99
40) 1,2,4,5-Tetrachloroben...	12.590	216	550777	37.895	ng	100
41) Hexachlorocyclopentadiene	12.572	237	351819	40.074	ng	100
43) 2,4,6-Trichlorophenol	12.831	196	382393	38.972	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025400.D
 Acq On : 14 Aug 2025 18:05
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP081425

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 18:24:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	420565	39.108	ng	99
46) 1,1'-Biphenyl	13.237	154	1376834	37.672	ng	99
47) 2-Chloronaphthalene	13.272	162	1072147	37.682	ng	99
48) 2-Nitroaniline	13.472	65	323995	39.081	ng	99
49) Acenaphthylene	14.125	152	1775899	37.720	ng	100
50) Dimethylphthalate	13.860	163	1406620	38.170	ng	100
51) 2,6-Dinitrotoluene	13.972	165	304562	39.211	ng	98
52) Acenaphthene	14.472	154	1018011m	36.837	ng	
53) 3-Nitroaniline	14.301	138	349791	40.027	ng	98
54) 2,4-Dinitrophenol	14.507	184	172743	41.646	ng	100
55) Dibenzofuran	14.813	168	1630744	37.324	ng	100
56) 4-Nitrophenol	14.619	139	284585	39.630	ng	99
57) 2,4-Dinitrotoluene	14.772	165	448143	40.439	ng	98
58) Fluorene	15.478	166	1275341	36.992	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.036	232	371715	39.147	ng	99
60) Diethylphthalate	15.242	149	1415787	37.810	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	627477	36.596	ng	99
62) 4-Nitroaniline	15.484	138	346865	38.717	ng	99
63) Azobenzene	15.766	77	1235242	38.526	ng	99
65) 4,6-Dinitro-2-methylph...	15.548	198	256111	39.721	ng	99
66) n-Nitrosodiphenylamine	15.684	169	1174244	37.227	ng	100
67) 4-Bromophenyl-phenylether	16.378	248	422072	37.101	ng	96
68) Hexachlorobenzene	16.501	284	488749	37.062	ng	98
69) Atrazine	16.660	200	449555	38.057	ng	100
70) Pentachlorophenol	16.854	266	322435	38.733	ng	98
71) Phenanthrene	17.254	178	2070873	36.445	ng	99
72) Anthracene	17.342	178	2179669	37.563	ng	100
73) Carbazole	17.619	167	2028595	37.116	ng	100
74) Di-n-butylphthalate	18.225	149	2528547	37.602	ng	100
75) Fluoranthene	19.342	202	2540417	37.481	ng	99
77) Benzidine	19.519	184	1529656	42.271	ng	99
78) Pyrene	19.713	202	2577810	37.404	ng	99
80) Butylbenzylphthalate	20.660	149	1199445	38.401	ng	98
81) Benzo(a)anthracene	21.636	228	2583866	36.950	ng	99
82) 3,3'-Dichlorobenzidine	21.554	252	1002597	38.038	ng	99
83) Chrysene	21.701	228	2446197	37.353	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	1780746	38.729	ng	100
85) Di-n-octyl phthalate	22.877	149	2998528	37.915	ng	100
87) Indeno(1,2,3-cd)pyrene	28.877	276	3267965	37.119	ng	94
88) Benzo(b)fluoranthene	23.971	252	2616701	36.964	ng	100
89) Benzo(k)fluoranthene	24.042	252	2653905	37.464	ng	99
90) Benzo(a)pyrene	24.871	252	2560692	37.160	ng	100
91) Dibenzo(a,h)anthracene	28.948	278	2697336	37.490	ng	99
92) Benzo(g,h,i)perylene	30.089	276	2632085	37.216	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025400.D
 Acq On : 14 Aug 2025 18:05
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

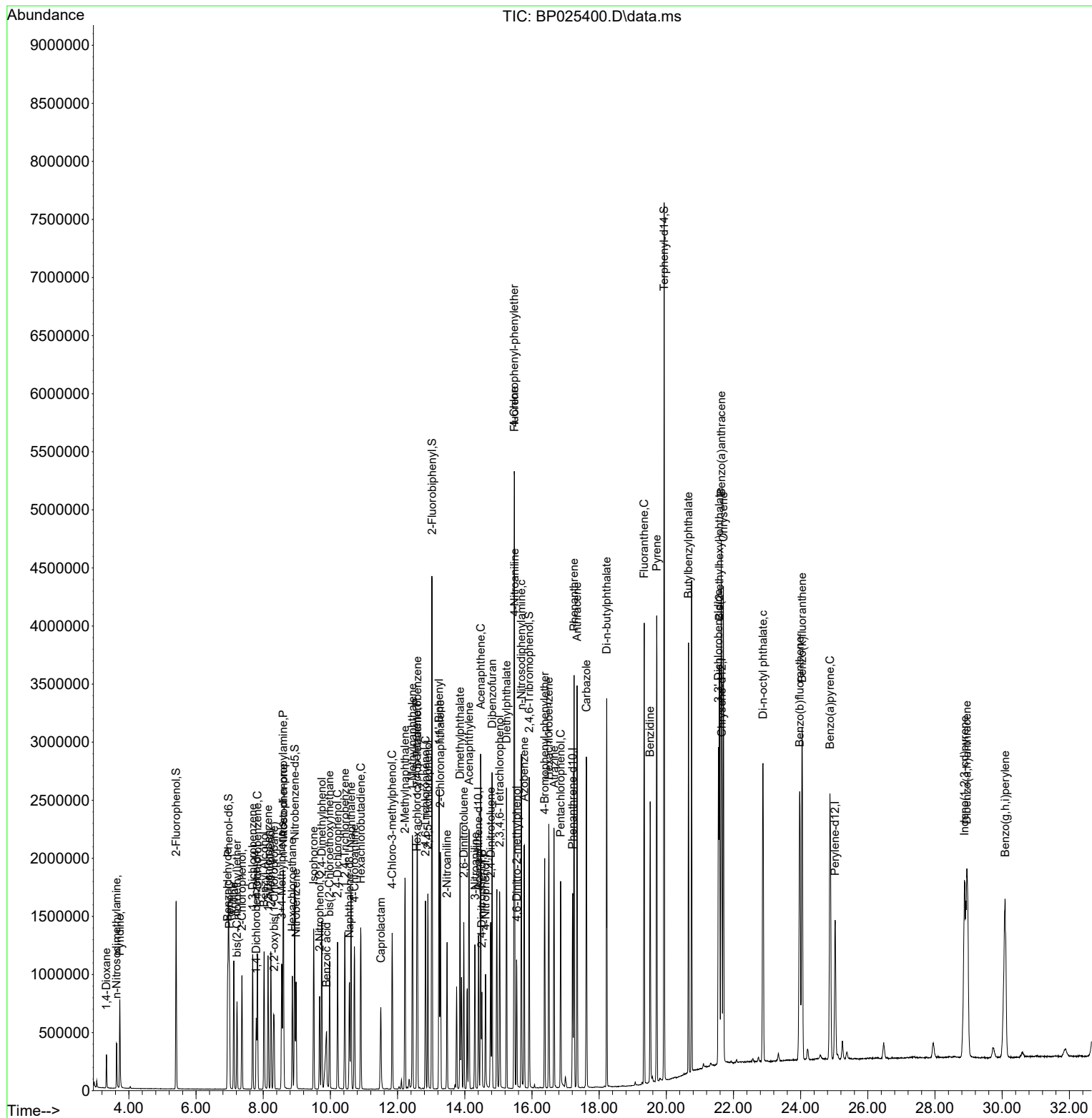
Manual Integrations

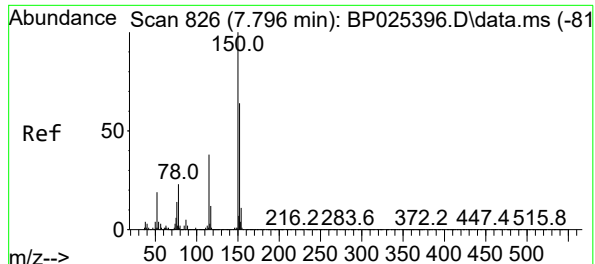
APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025

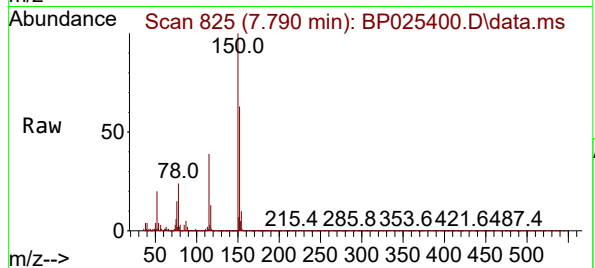
Quant Time: Aug 14 18:24:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

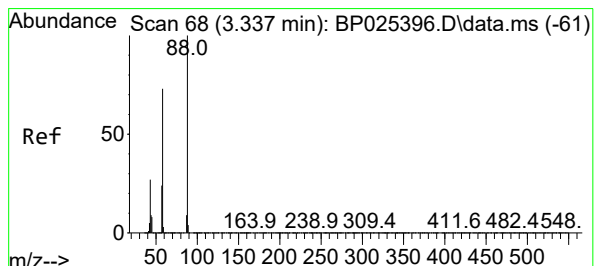
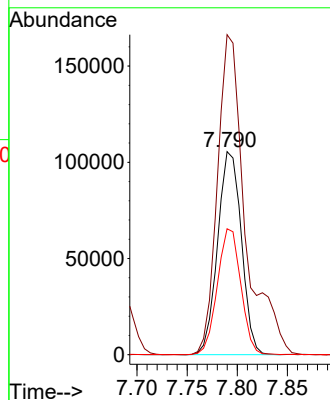
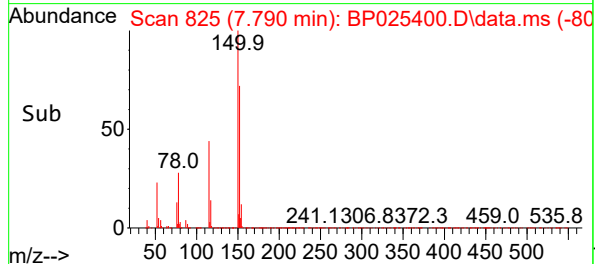
Instrument :
BNA_P
Client Sample Id :
ICVBP081425



Tgt Ion: 152 Resp: 17400
Ion Ratio Lower Upper
152 100
150 157.6 125.9 188.9
115 62.0 48.5 72.7

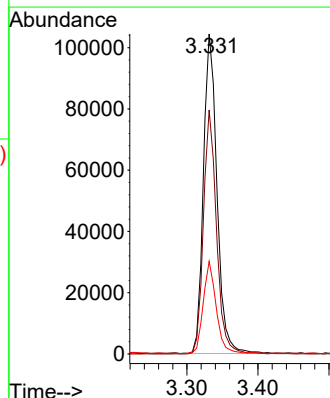
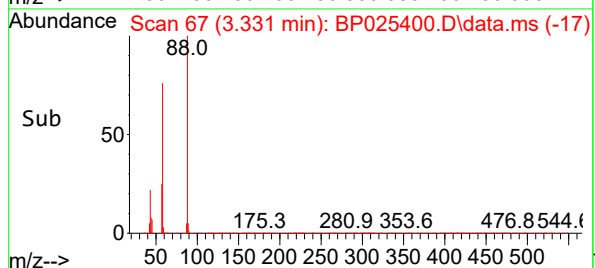
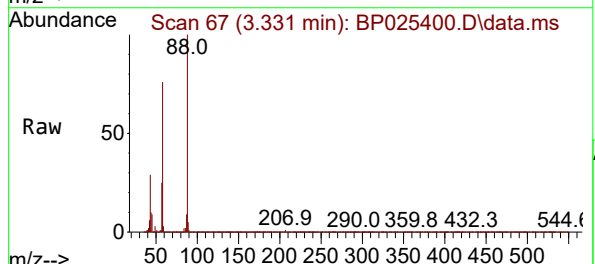
Manual Integrations
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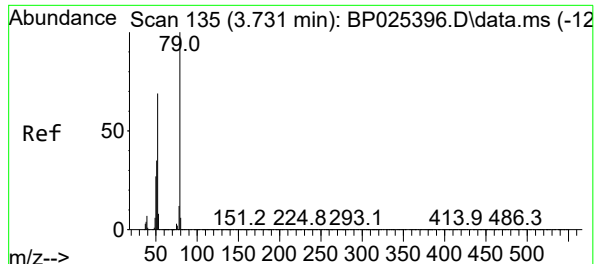
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 33.792 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 88 Resp: 138687
Ion Ratio Lower Upper
88 100
58 73.7 59.2 88.8
43 27.9 21.7 32.5





#3

Pyridine

Concen: 35.901 ng

RT: 3.731 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion: 79 Resp: 403298

Ion Ratio Lower Upper

79 100

52 70.8 55.5 83.3

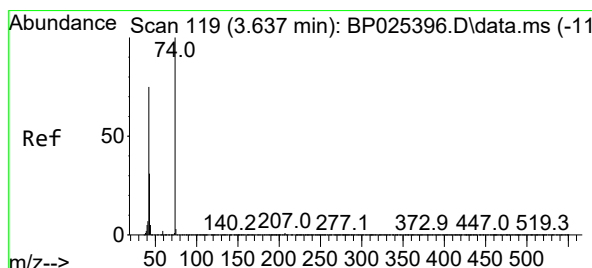
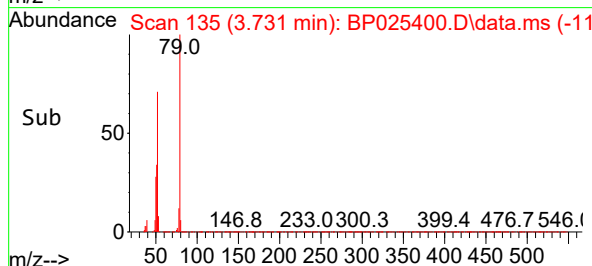
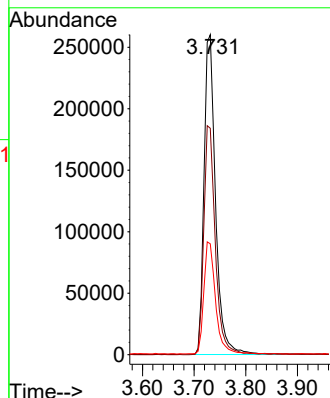
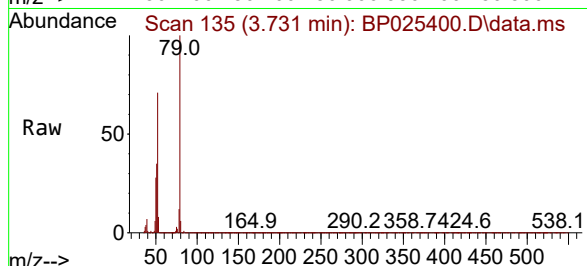
51 34.7 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#4

n-Nitrosodimethylamine

Concen: 38.115 ng

RT: 3.631 min Scan# 118

Delta R.T. -0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

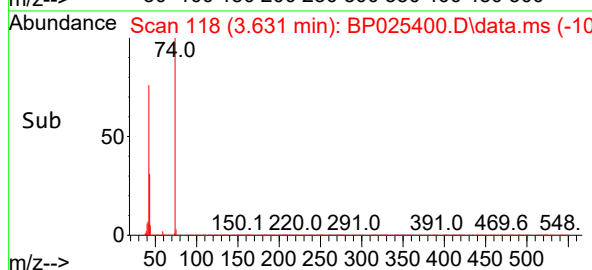
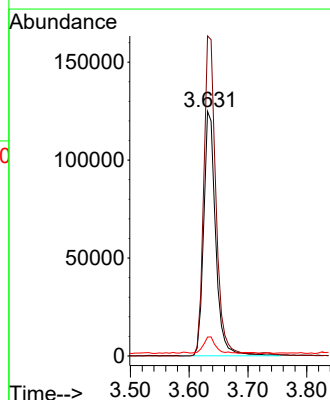
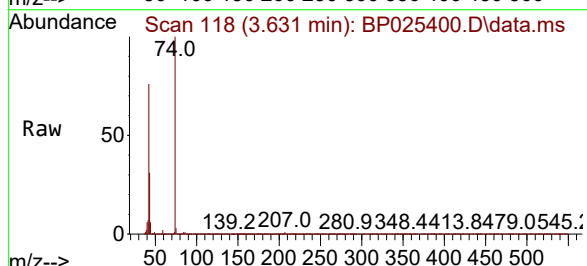
Tgt Ion: 42 Resp: 176521

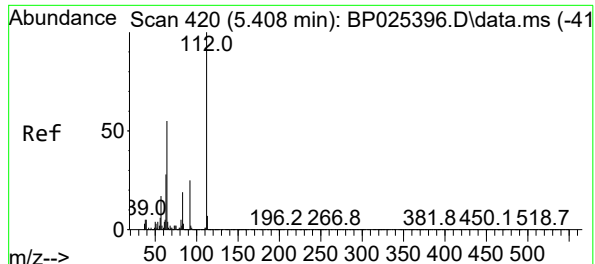
Ion Ratio Lower Upper

42 100

74 130.8 107.0 160.4

44 7.7 6.2 9.4





#5

2-Fluorophenol

Concen: 69.430 ng

RT: 5.408 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:112 Resp: 727480

Ion Ratio Lower Upper

112 100

64 54.2 43.8 65.8

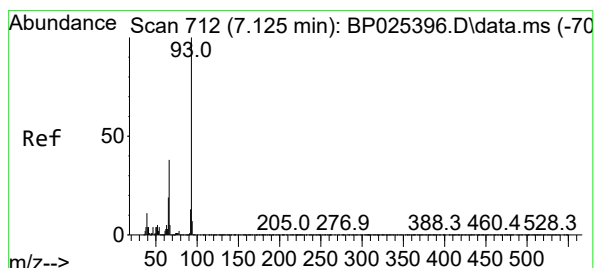
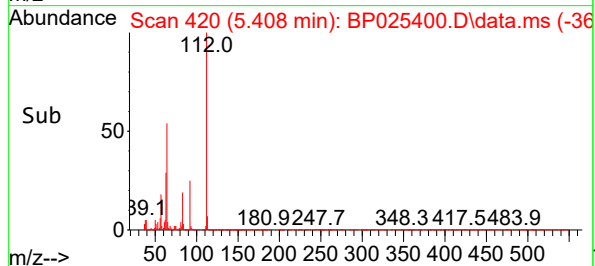
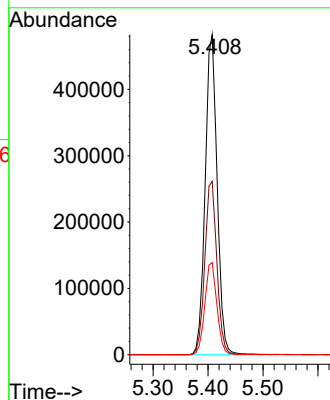
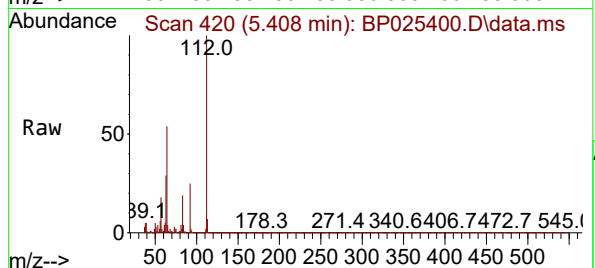
63 28.8 22.7 34.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#6

Aniline

Concen: 38.147 ng

RT: 7.125 min Scan# 712

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

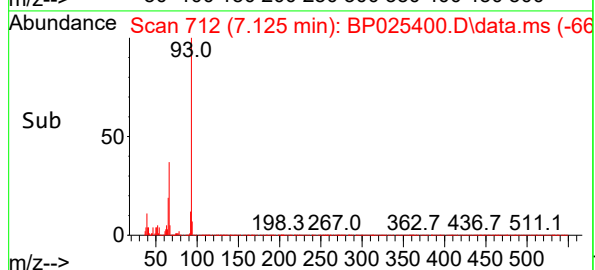
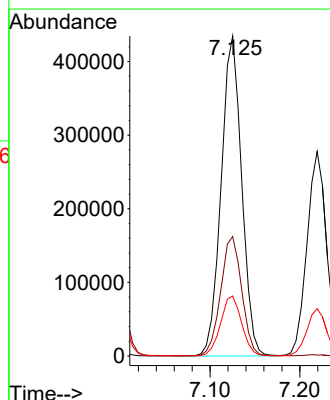
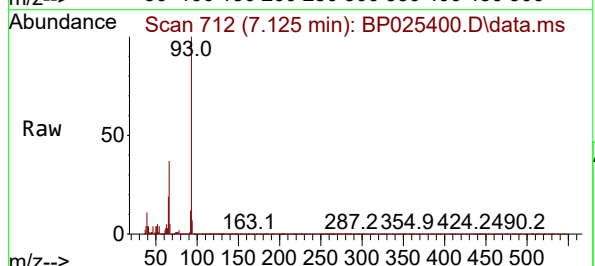
Tgt Ion: 93 Resp: 690437

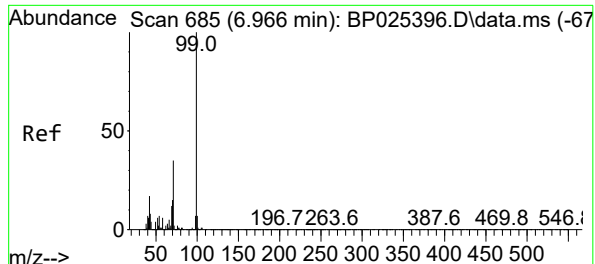
Ion Ratio Lower Upper

93 100

66 37.3 30.4 45.6

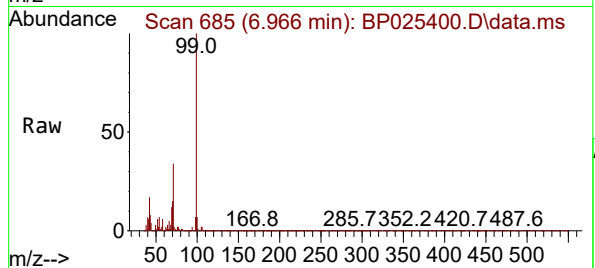
65 18.7 15.3 22.9





#7
Phenol-d6
Concen: 71.663 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

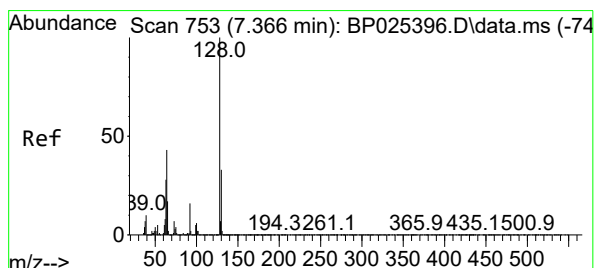
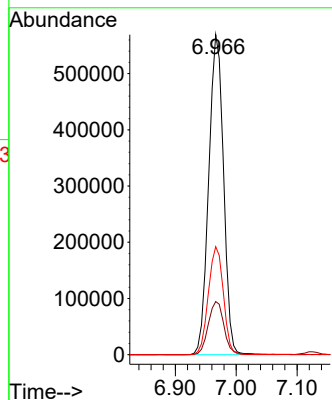
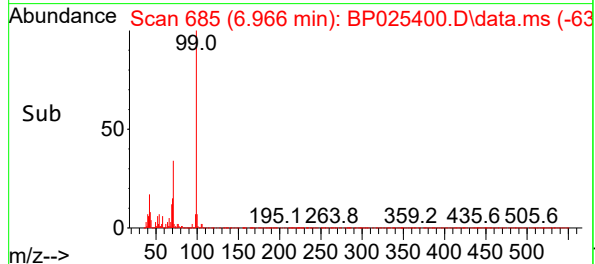
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion: 99 Resp: 96269
Ion Ratio Lower Upper
99 100
42 16.6 13.7 20.5
71 33.7 28.2 42.4

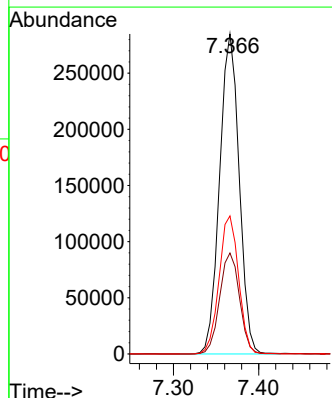
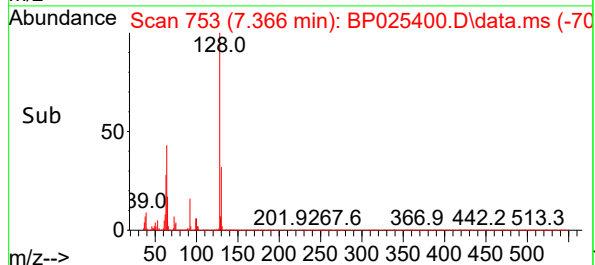
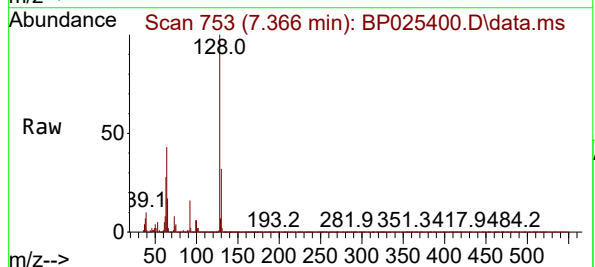
Manual Integrations
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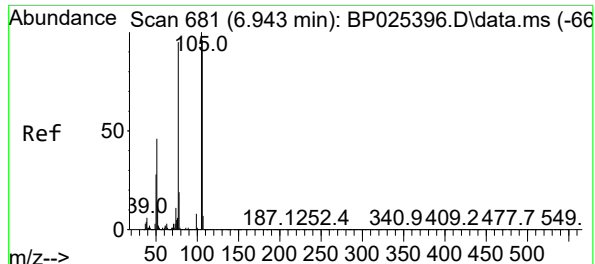
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#8
2-Chlorophenol
Concen: 38.501 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

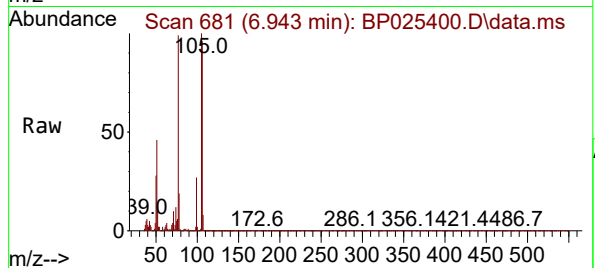
Tgt Ion:128 Resp: 455230
Ion Ratio Lower Upper
128 100
130 31.6 12.6 52.6
64 43.2 23.4 63.4





#9
Benzaldehyde
Concen: 34.142 ng
RT: 6.943 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

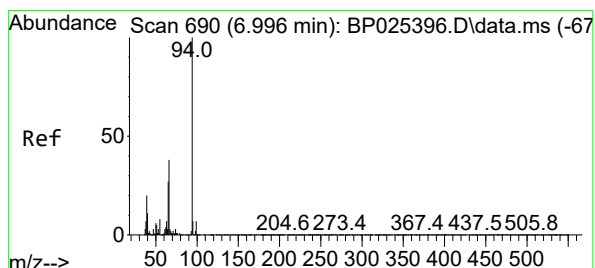
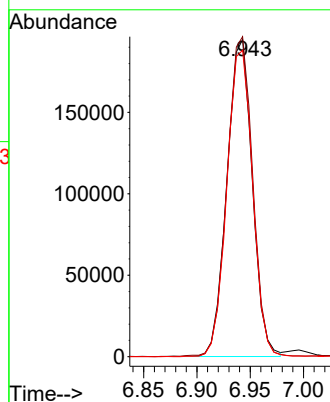
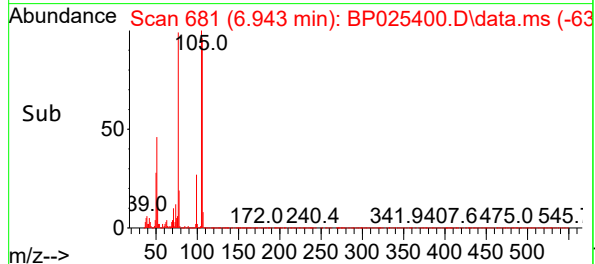
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion: 77 Resp: 32133
Ion Ratio Lower Upper
77 100
105 100.9 84.8 124.8
106 96.6 80.5 120.5

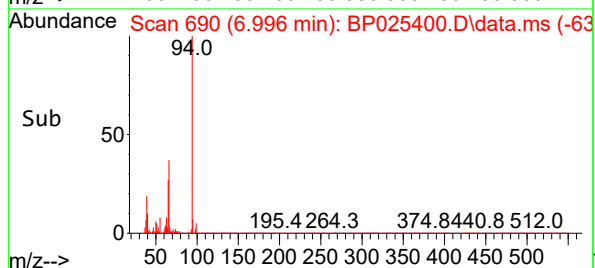
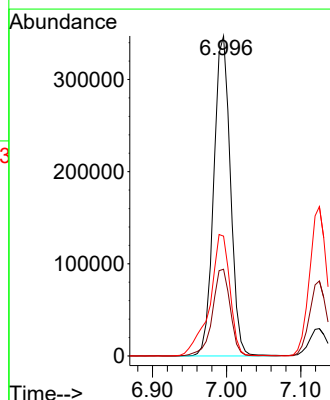
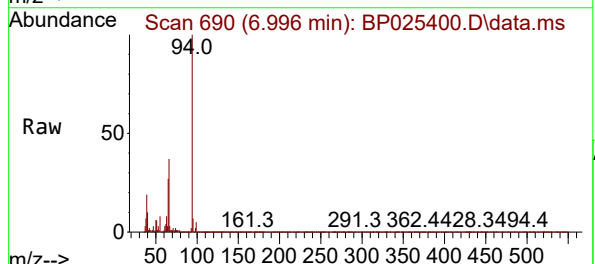
Manual Integrations
APPROVED

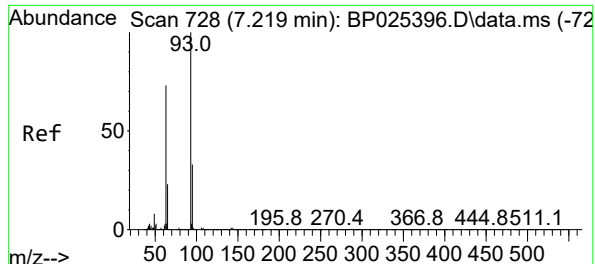
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 38.388 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

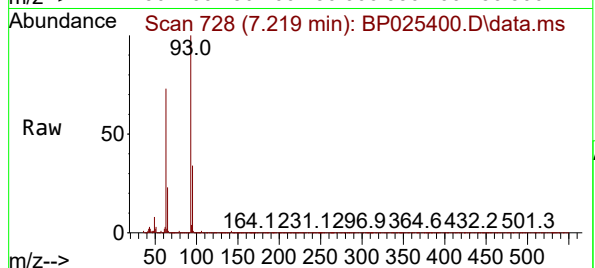
Tgt Ion: 94 Resp: 541123
Ion Ratio Lower Upper
94 100
65 27.1 6.8 46.8
66 37.5 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 38.348 ng
RT: 7.219 min Scan# 728
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

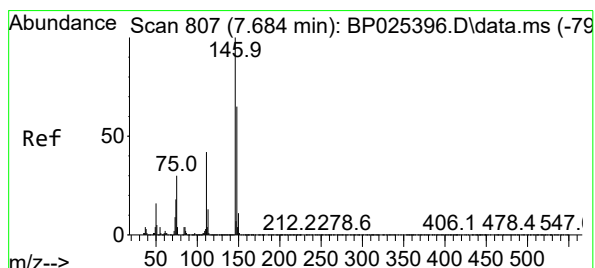
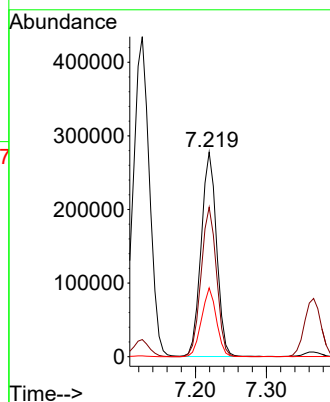
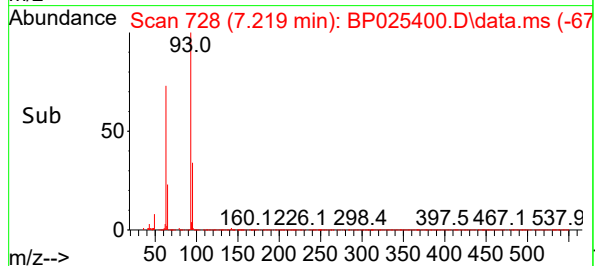
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



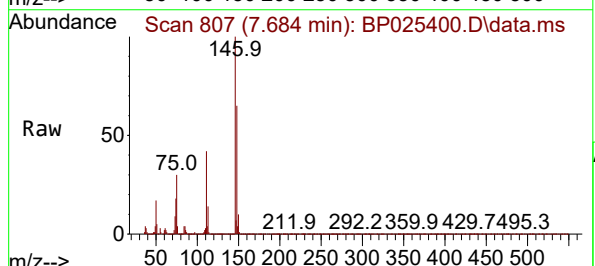
Tgt Ion: 93 Resp: 421318
Ion Ratio Lower Upper
93 100
63 73.1 52.6 92.6
95 33.6 12.7 52.7

Manual Integrations
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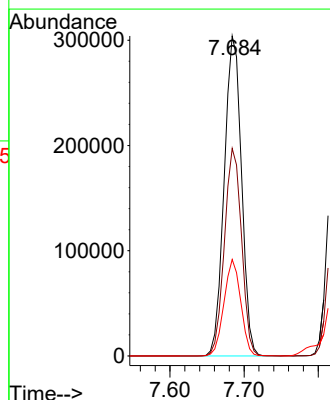
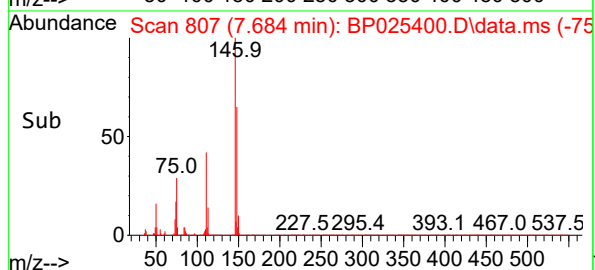
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

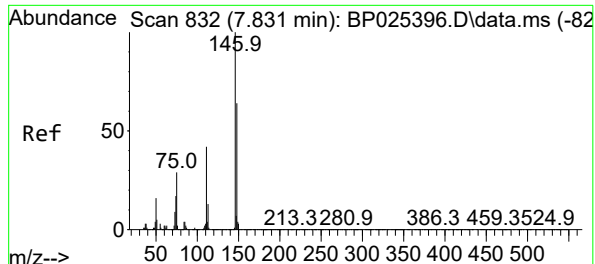


#12
1,3-Dichlorobenzene
Concen: 37.738 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



Tgt Ion:146 Resp: 492014
Ion Ratio Lower Upper
146 100
148 64.8 51.9 77.9
75 30.1 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 37.890 ng

RT: 7.825 min Scan# 831

Delta R.T. -0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:146 Resp: 504919

Ion Ratio Lower Upper

146 100

148 62.3 51.6 77.4

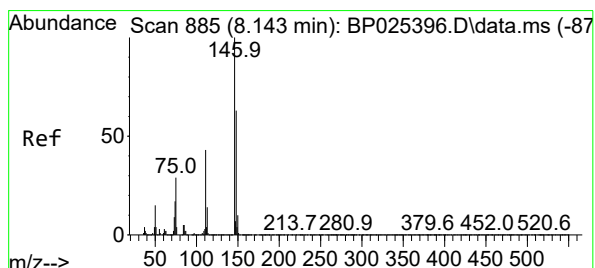
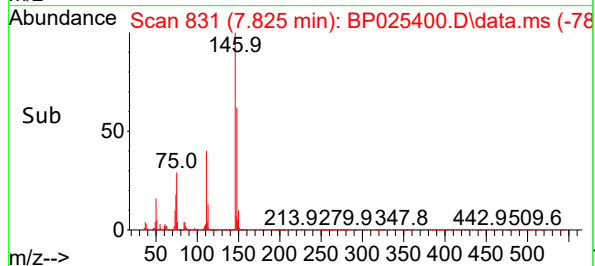
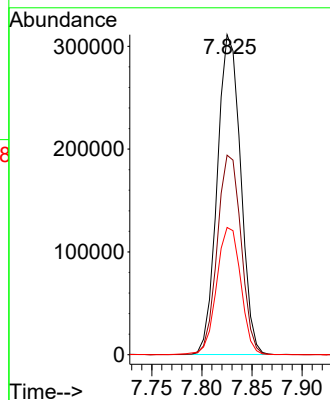
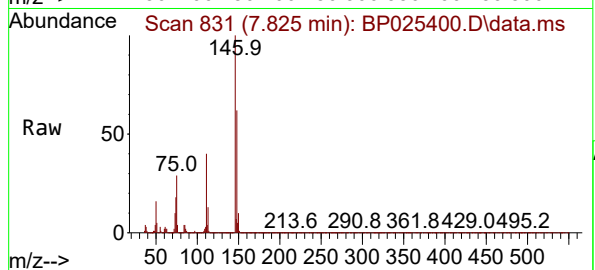
111 39.8 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 37.818 ng

RT: 8.143 min Scan# 885

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

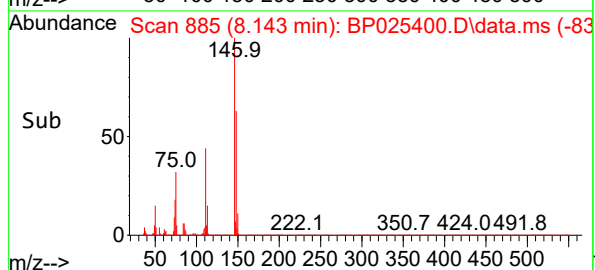
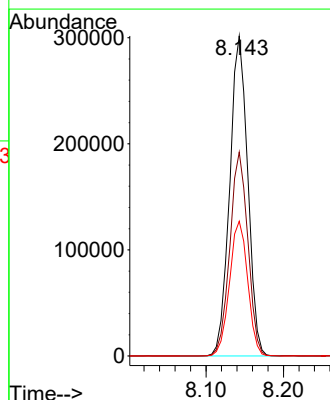
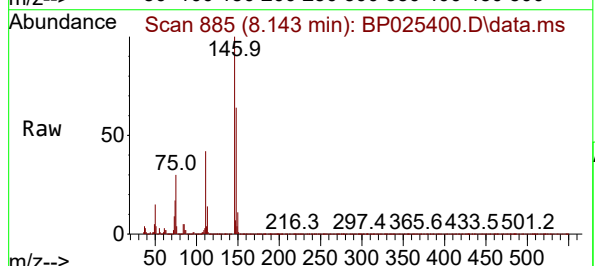
Tgt Ion:146 Resp: 487845

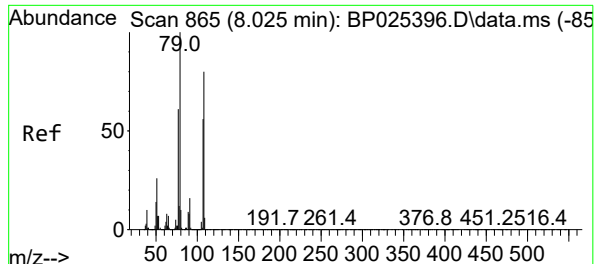
Ion Ratio Lower Upper

146 100

148 63.7 50.4 75.6

111 42.1 34.5 51.7





#15

Benzyl Alcohol

Concen: 39.025 ng

RT: 8.025 min Scan# 80

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion: 79 Resp: 416544

Ion Ratio Lower Upper

79 100

108 78.5 63.8 95.6

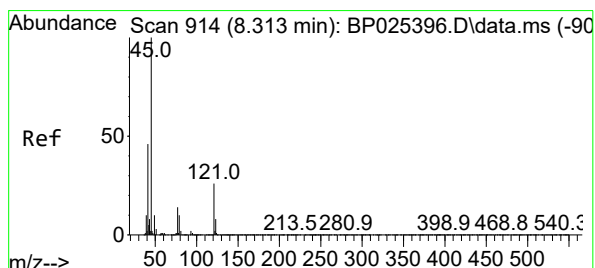
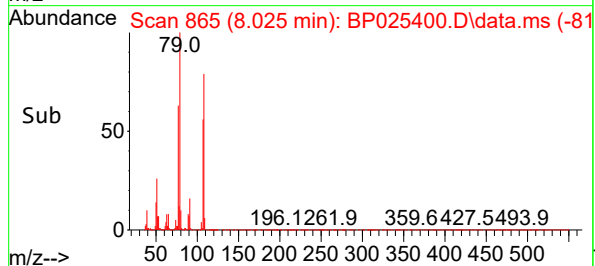
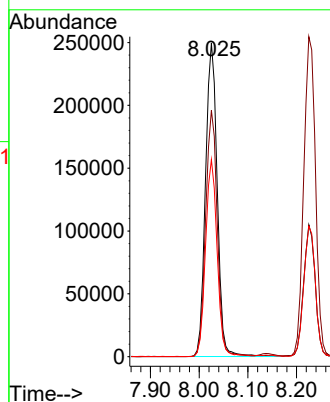
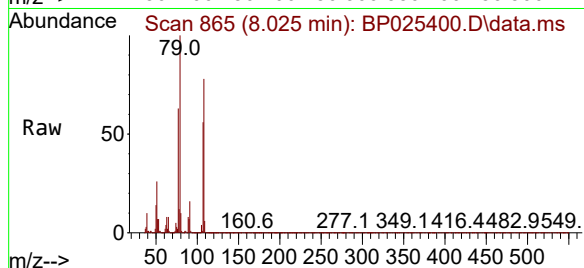
77 62.8 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.271 ng

RT: 8.319 min Scan# 915

Delta R.T. 0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

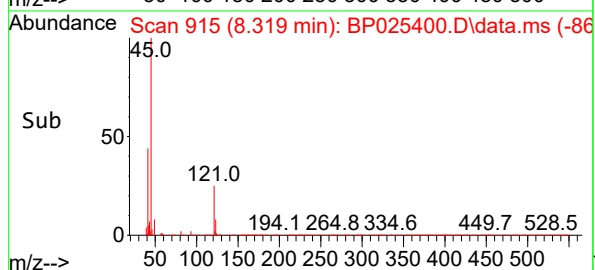
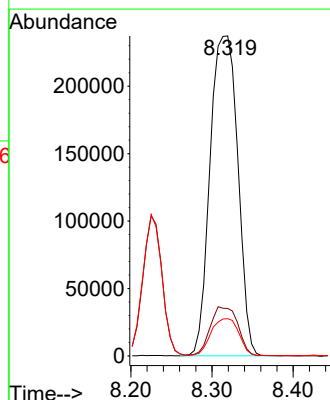
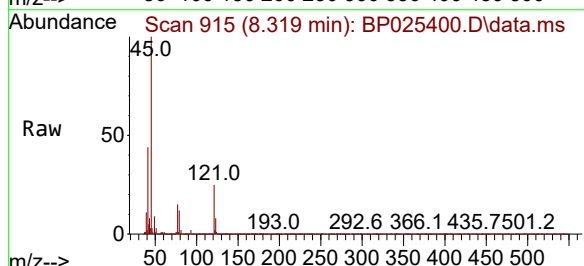
Tgt Ion: 45 Resp: 563276

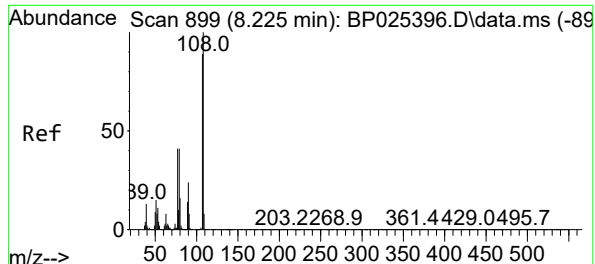
Ion Ratio Lower Upper

45 100

77 14.8 0.0 35.3

79 11.7 0.0 31.8





#17

2-Methylphenol

Concen: 38.877 ng

RT: 8.225 min Scan# 899

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:107 Resp: 380608

Ion Ratio Lower Upper

107 100

108 111.0 89.4 134.0

77 45.3 36.3 54.5

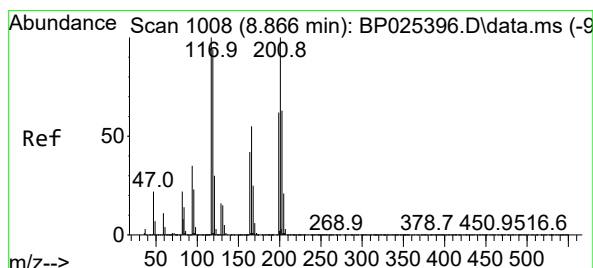
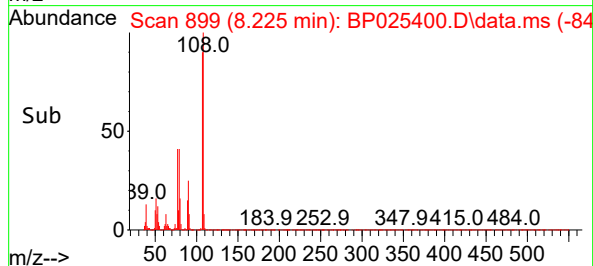
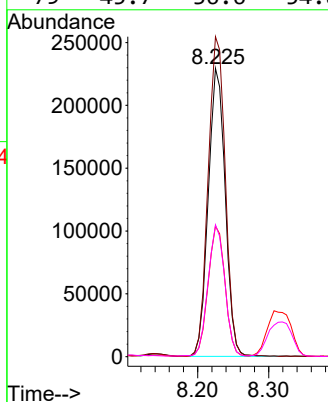
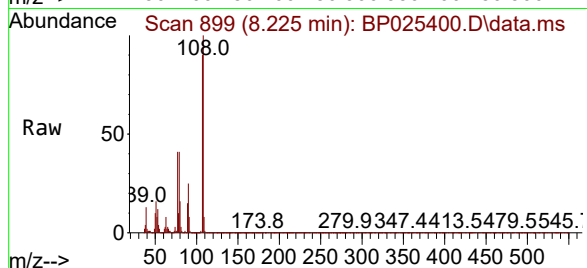
79 45.7 36.6 54.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#18

Hexachloroethane

Concen: 38.103 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

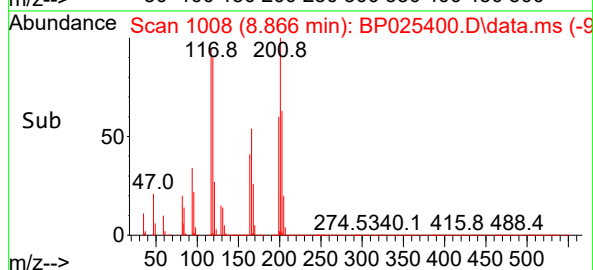
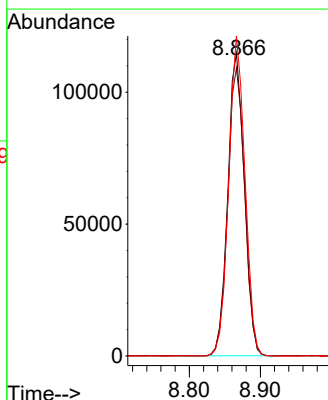
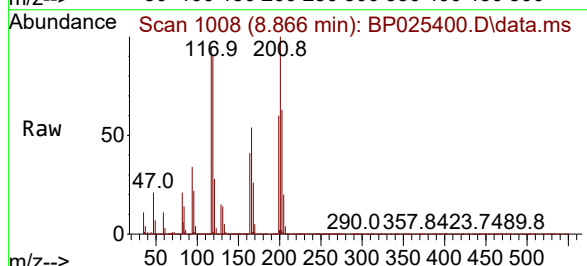
Tgt Ion:117 Resp: 186691

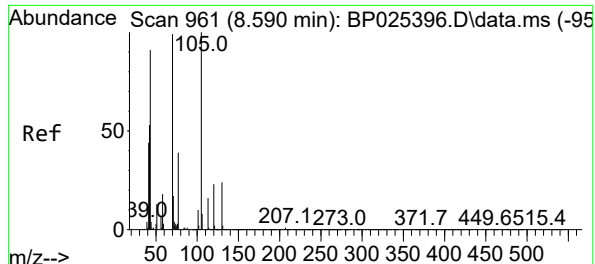
Ion Ratio Lower Upper

117 100

119 95.0 75.1 112.7

201 105.6 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 38.270 ng

RT: 8.590 min Scan# 961

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion: 70 Resp: 34053

Ion Ratio Lower Upper

70 100

42 55.7 43.8 65.6

101 10.7 8.5 12.7

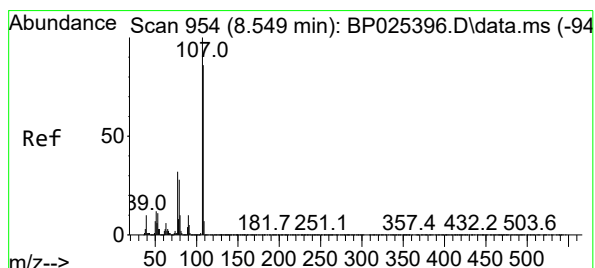
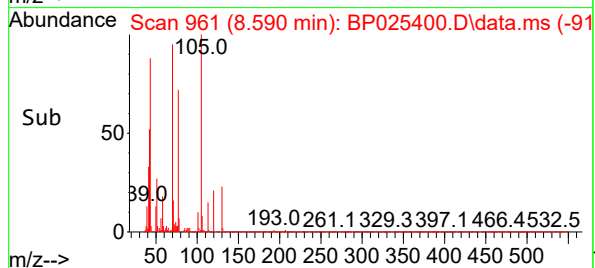
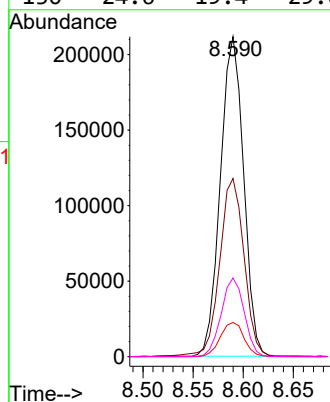
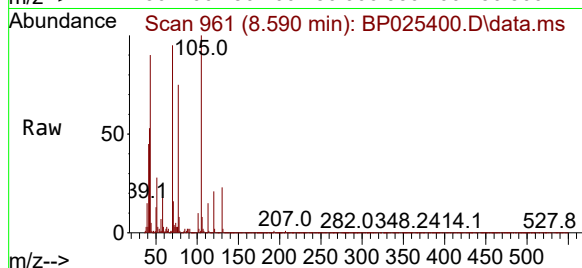
130 24.6 19.4 29.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 38.620 ng

RT: 8.549 min Scan# 954

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Tgt Ion:107 Resp: 524095

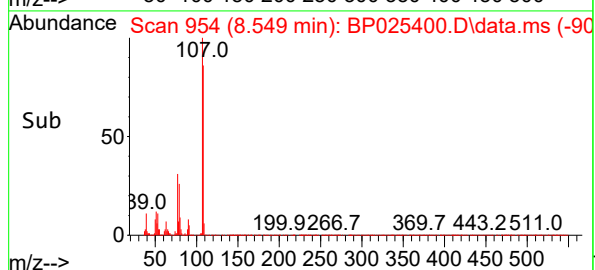
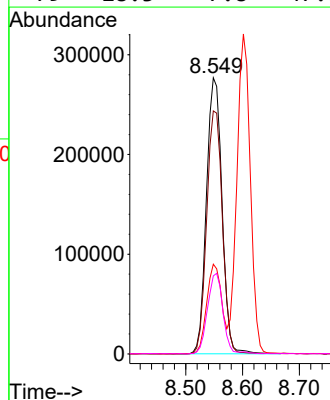
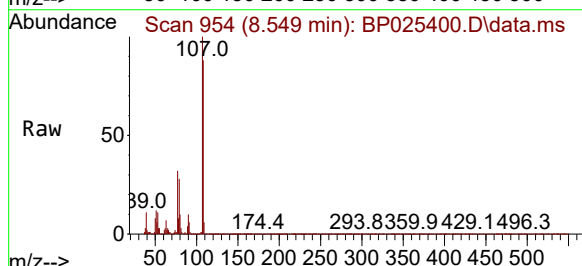
Ion Ratio Lower Upper

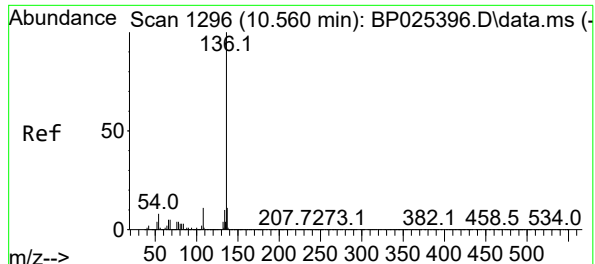
107 100

108 88.0 66.3 106.3

77 32.5 12.3 52.3

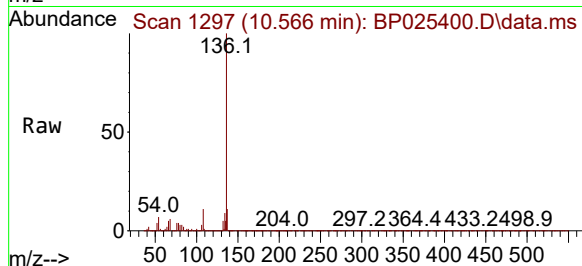
79 28.3 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

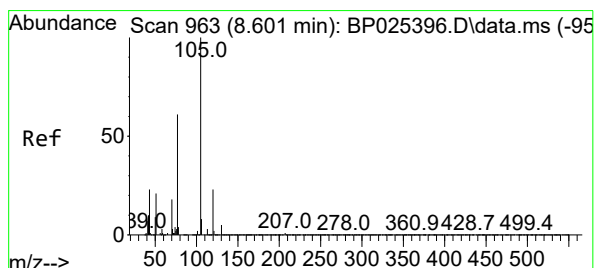
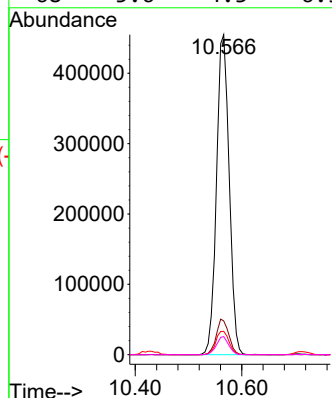
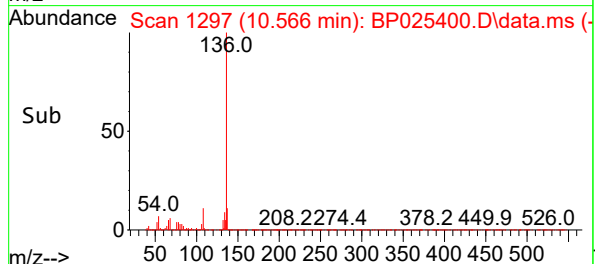
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:136 Resp: 750079
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 7.3 6.0 9.0
68 5.6 4.3 6.5

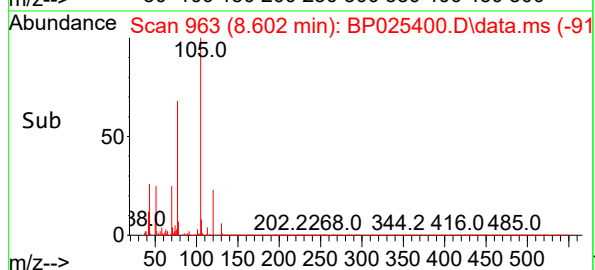
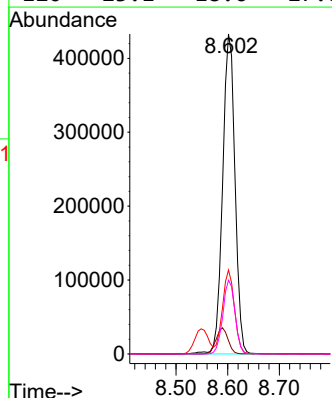
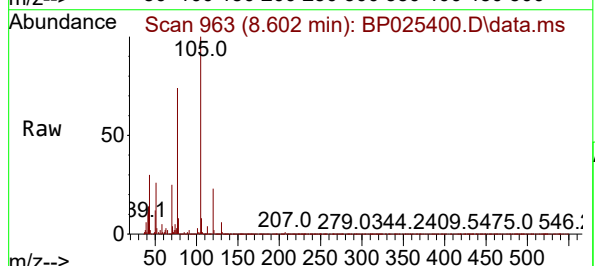
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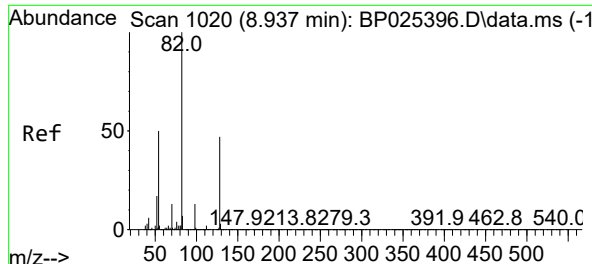
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#22
Acetophenone
Concen: 38.216 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

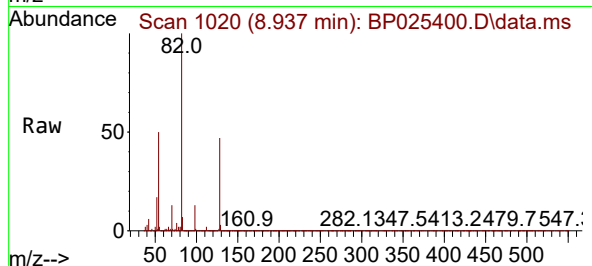
Tgt Ion:105 Resp: 718869
Ion Ratio Lower Upper
105 100
71 4.2 2.6 4.0#
51 26.2 20.6 30.8
120 23.1 18.6 27.8





#23
Nitrobenzene-d5
Concen: 66.391 ng
RT: 8.937 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

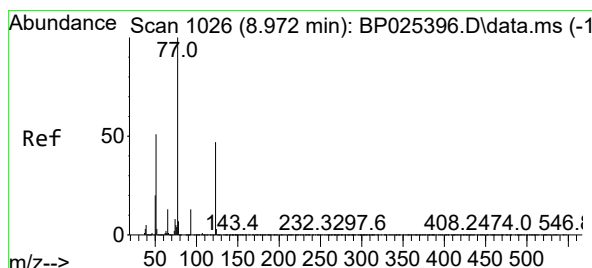
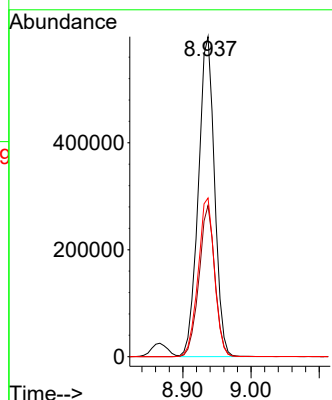
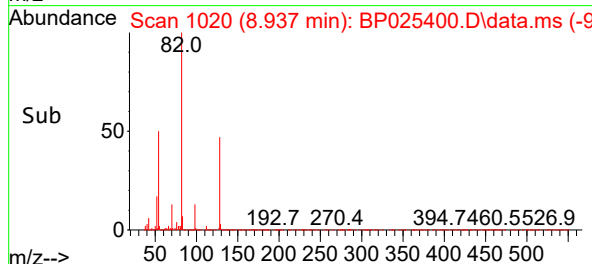
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



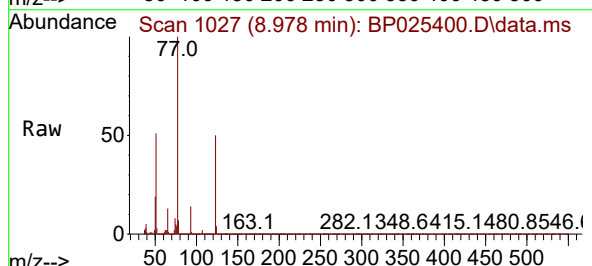
Tgt Ion: 82 Resp: 98444
Ion Ratio Lower Upper
82 100
128 47.3 37.7 56.5
54 49.6 39.8 59.6

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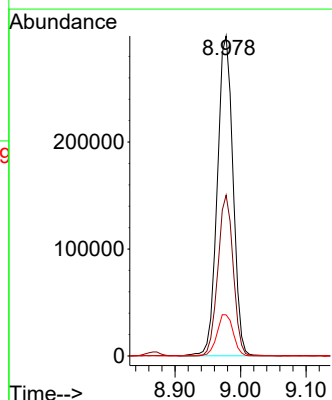
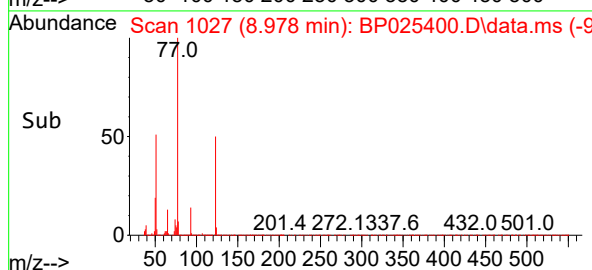
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

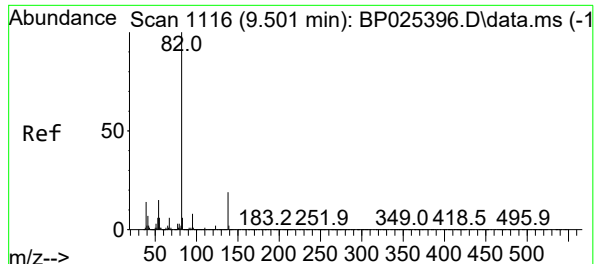


#24
Nitrobenzene
Concen: 37.313 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



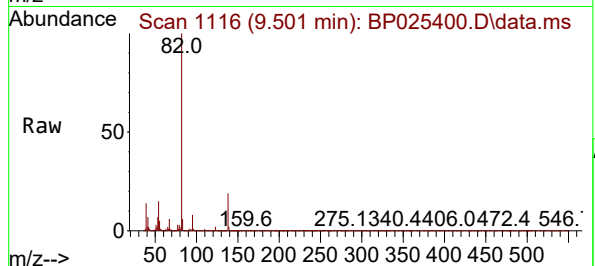
Tgt Ion: 77 Resp: 494466
Ion Ratio Lower Upper
77 100
123 50.3 38.6 58.0
65 12.9 10.6 15.8





#25
Isophorone
Concen: 37.855 ng
RT: 9.501 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

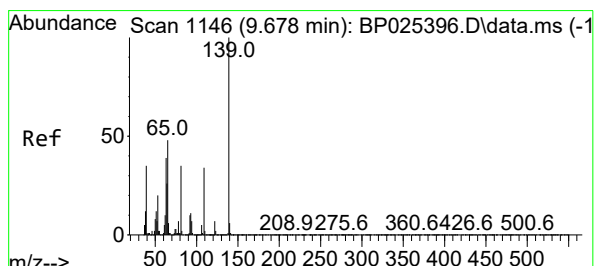
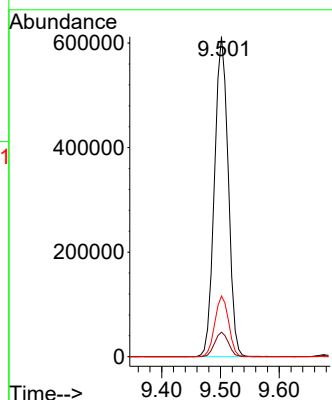
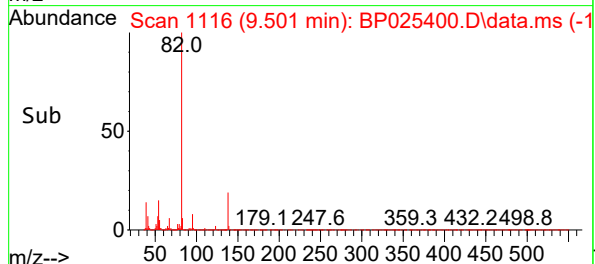
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion: 82 Resp: 993378
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.9 15.4 23.0

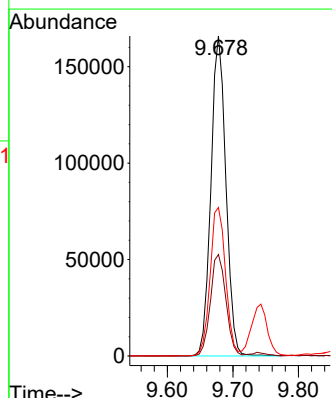
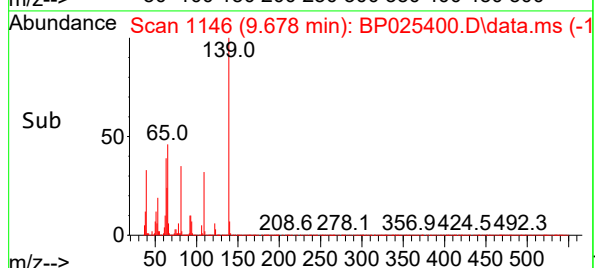
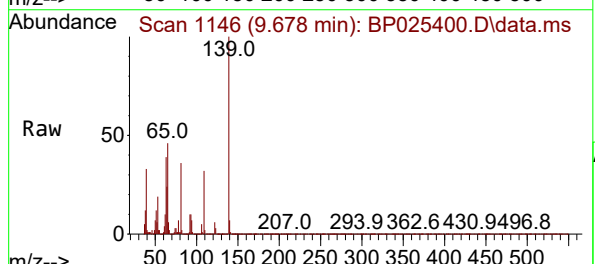
Manual Integrations
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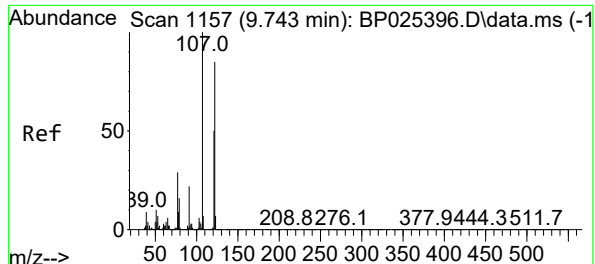
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#26
2-Nitrophenol
Concen: 38.722 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:139 Resp: 263348
Ion Ratio Lower Upper
139 100
109 31.7 26.9 40.3
65 46.4 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 38.910 ng

RT: 9.743 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

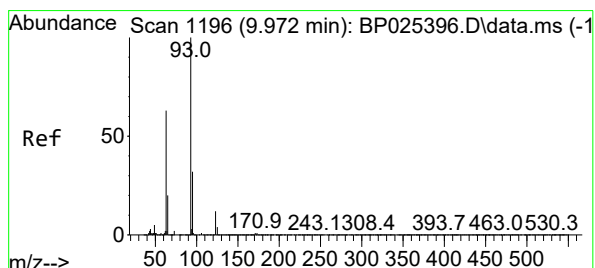
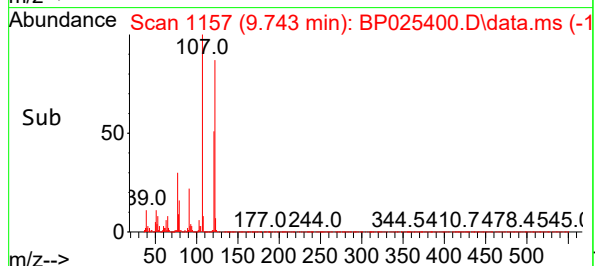
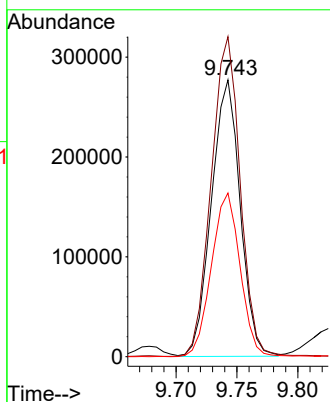
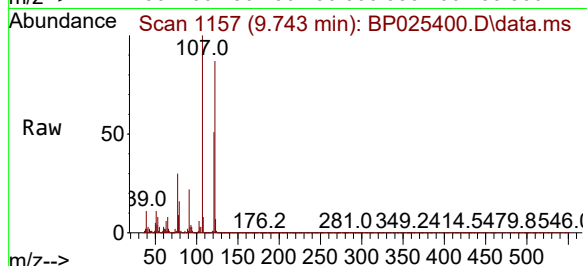
Tgt Ion:122	Resp: 455078
Ion Ratio	Lower Upper
122 100	
107 115.6	93.7 140.5
121 59.1	46.6 69.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 37.816 ng

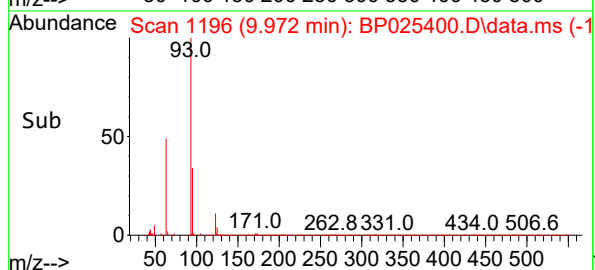
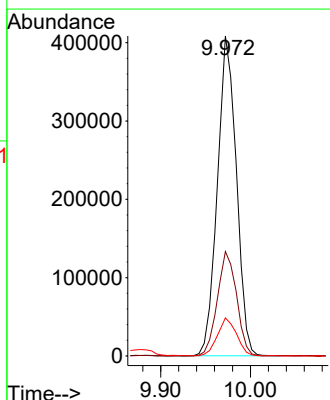
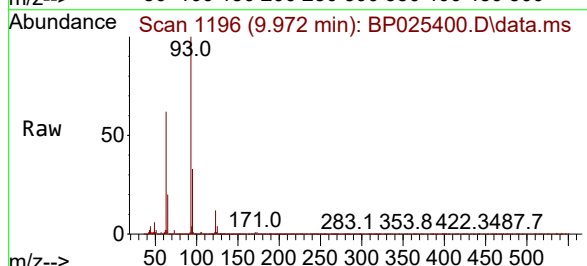
RT: 9.972 min Scan# 1196

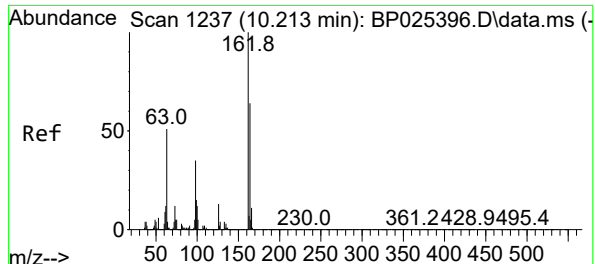
Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Tgt Ion: 93	Resp: 599862
Ion Ratio	Lower Upper
93 100	
95 32.7	25.4 38.0
123 11.9	9.4 14.0





#29

2,4-Dichlorophenol

Concen: 38.649 ng

RT: 10.213 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

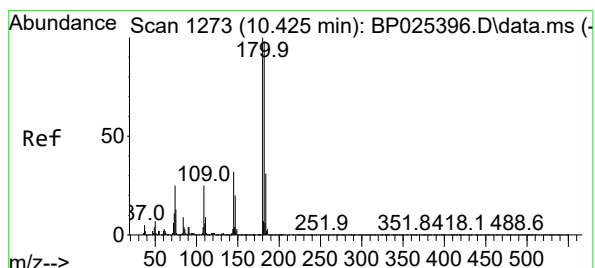
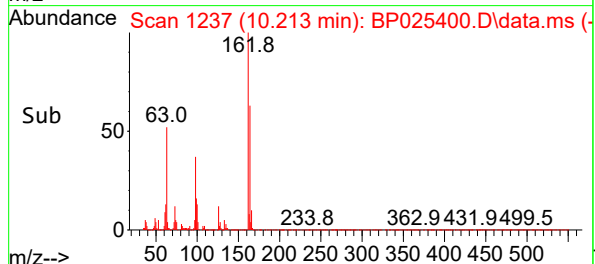
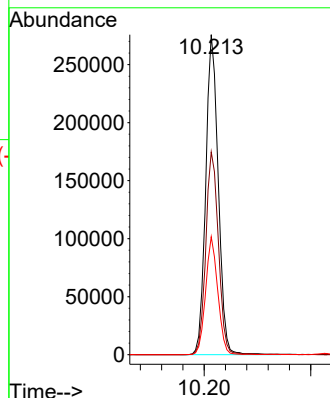
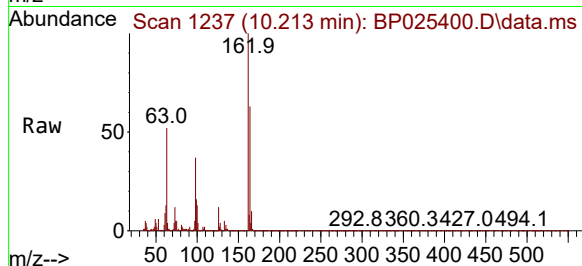
Tgt Ion:	162	Resp:	449034
Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.4	84.4
98	36.9	14.9	54.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 37.231 ng

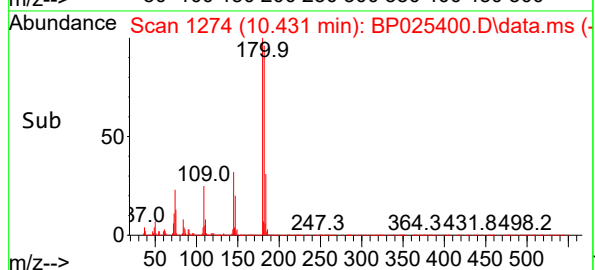
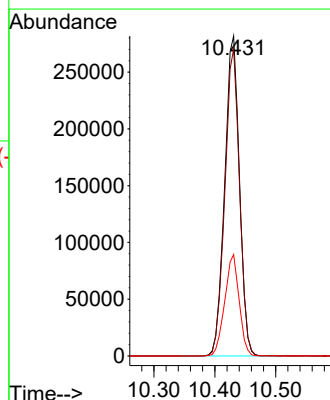
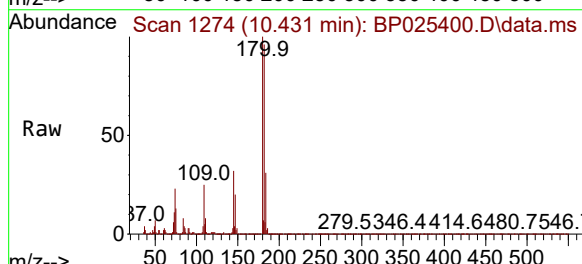
RT: 10.431 min Scan# 1274

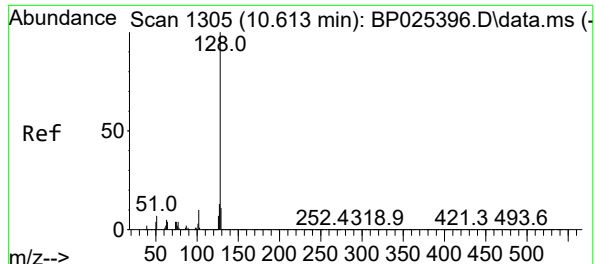
Delta R.T. 0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Tgt Ion:	180	Resp:	474183
Ion	Ratio	Lower	Upper
180	100		
182	95.9	78.0	117.0
145	31.7	25.9	38.9





#31

Naphthalene

Concen: 37.431 ng

RT: 10.613 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:128 Resp: 1459279

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

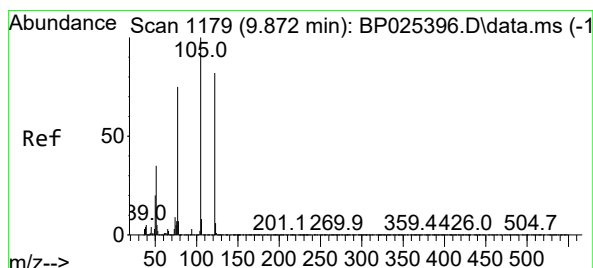
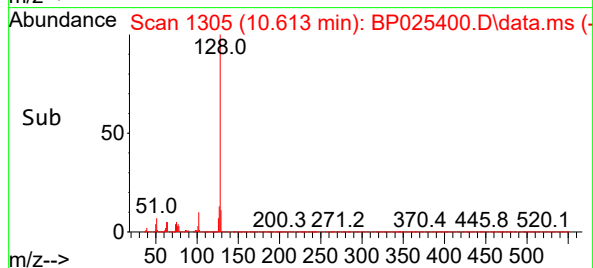
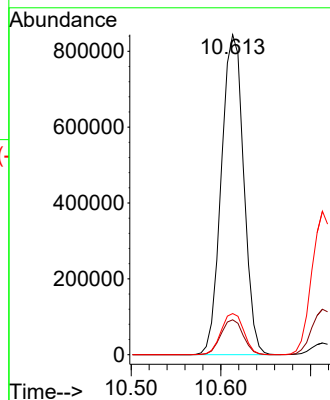
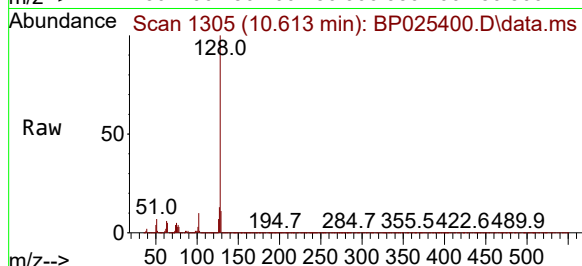
127 12.8 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#32

Benzoic acid

Concen: 38.242 ng

RT: 9.884 min Scan# 1181

Delta R.T. 0.012 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

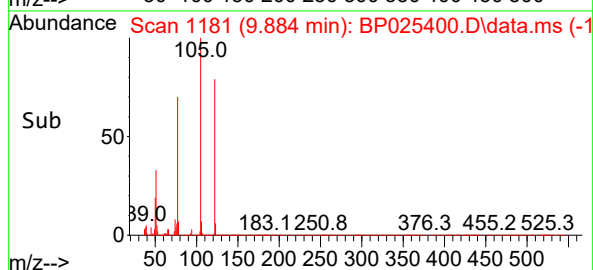
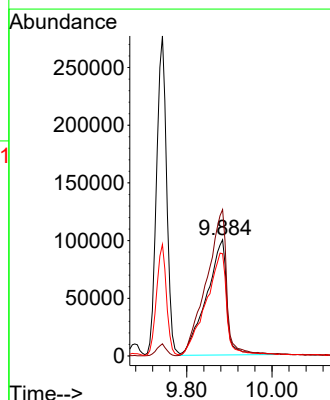
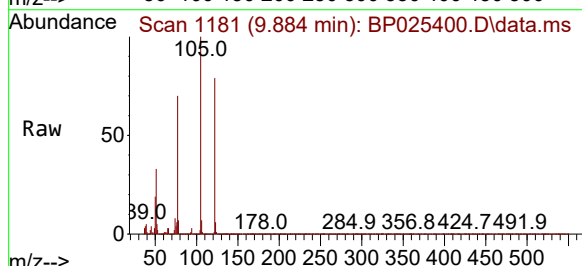
Tgt Ion:122 Resp: 330207

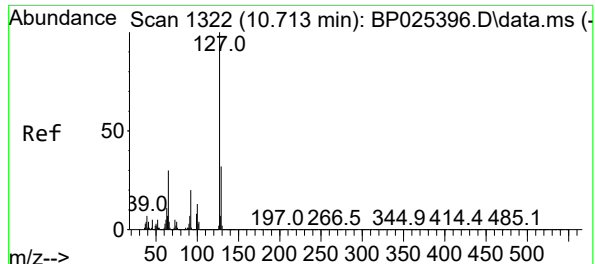
Ion Ratio Lower Upper

122 100

105 126.0 100.6 140.6

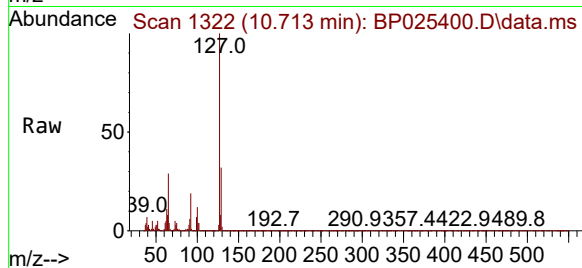
77 88.0 71.5 111.5





#33
4-Chloroaniline
Concen: 38.043 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

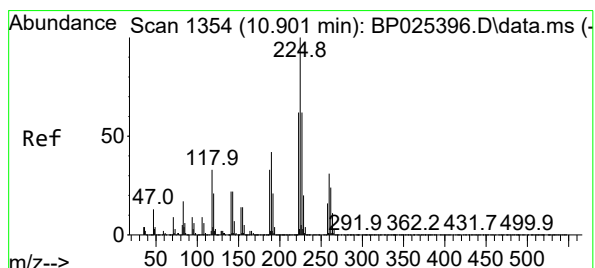
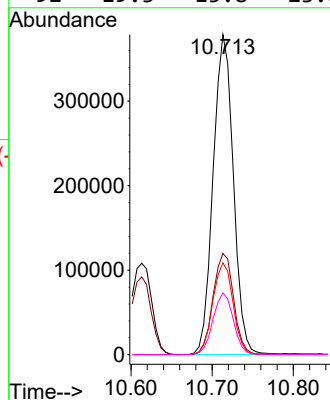
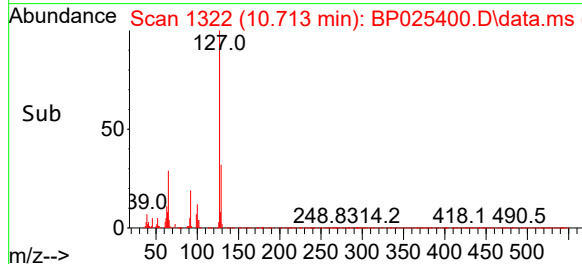
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:127 Resp: 65513
Ion Ratio Lower Upper
127 100
129 31.7 25.4 38.2
65 28.7 23.8 35.6
92 19.3 15.8 23.8

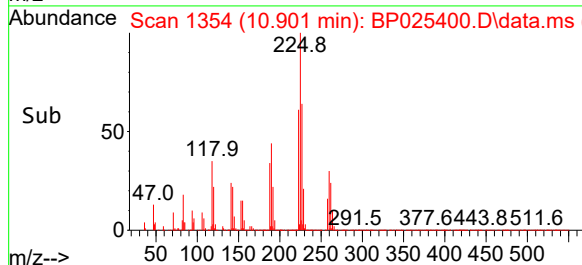
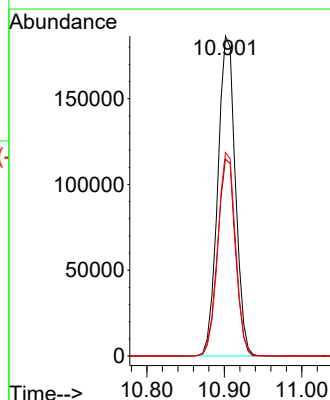
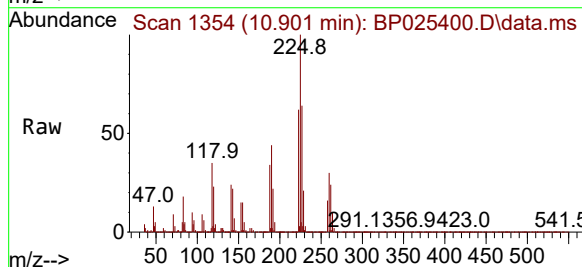
Manual Integrations
APPROVED

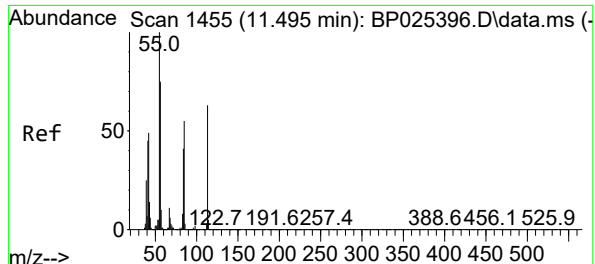
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#34
Hexachlorobutadiene
Concen: 37.031 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

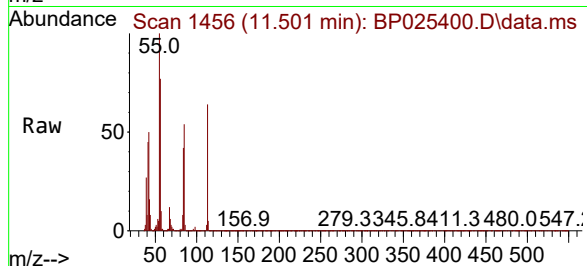
Tgt Ion:225 Resp: 293728
Ion Ratio Lower Upper
225 100
223 61.5 50.0 75.0
227 63.6 49.7 74.5





#35
Caprolactam
Concen: 38.310 ng
RT: 11.501 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

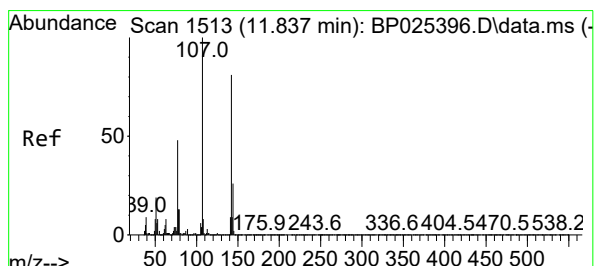
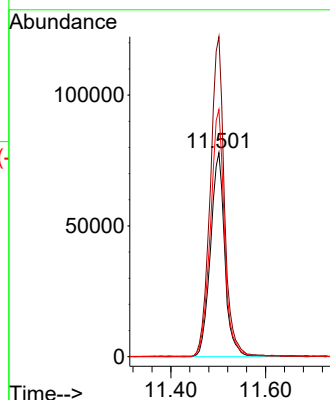
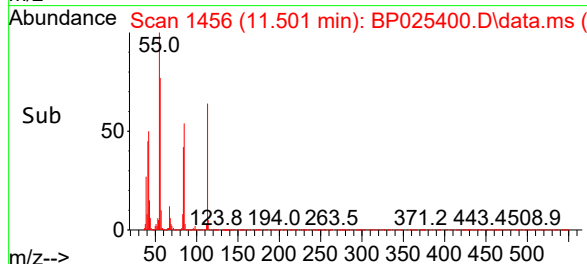
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



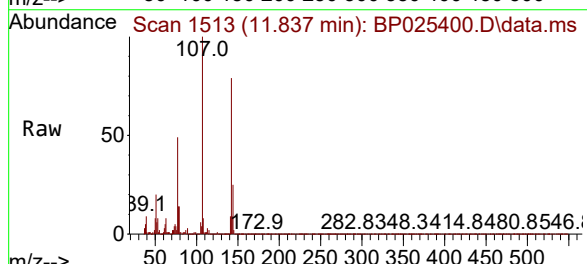
Tgt Ion:113 Resp: 16321
Ion Ratio Lower Upper
113 100
55 156.9 140.0 180.0
56 121.2 100.0 140.0

Manual Integrations
APPROVED

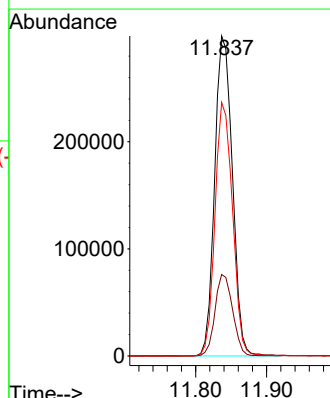
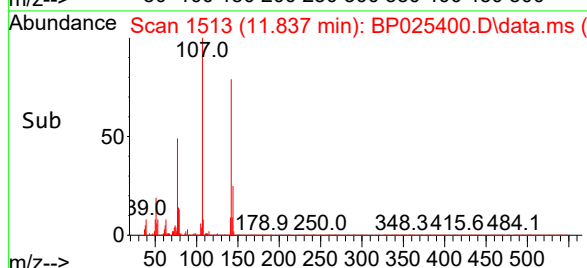
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

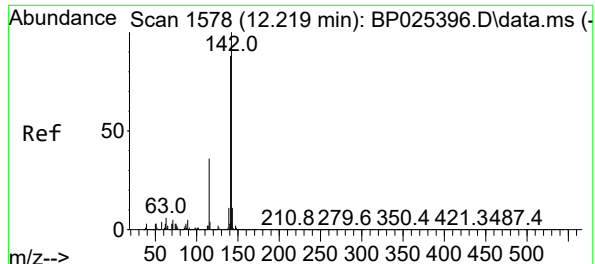


#36
4-Chloro-3-methylphenol
Concen: 38.789 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



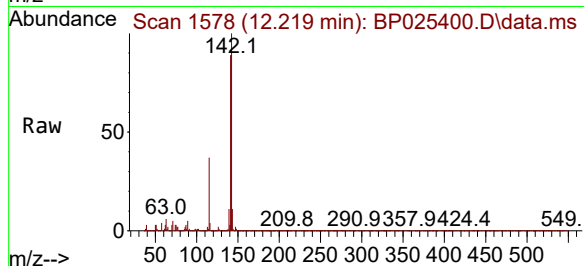
Tgt Ion:107 Resp: 517126
Ion Ratio Lower Upper
107 100
144 25.4 21.0 31.4
142 79.2 64.6 97.0





#37
2-Methylnaphthalene
Concen: 37.845 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

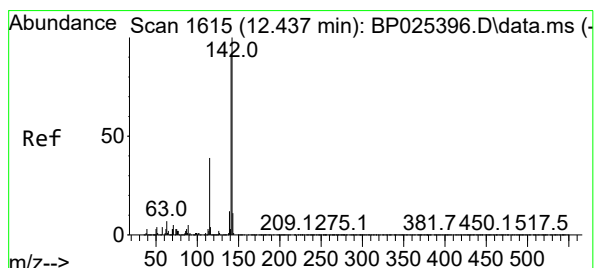
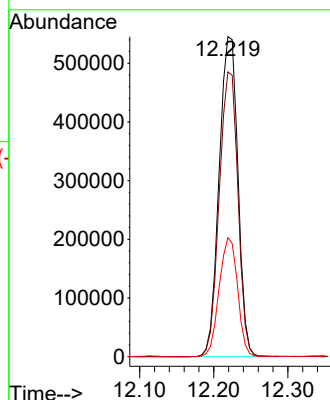
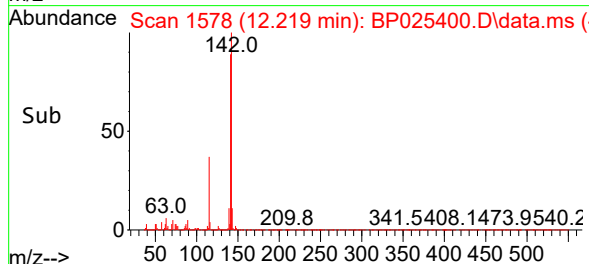
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:142 Resp: 960140
Ion Ratio Lower Upper
142 100
141 89.0 70.3 105.5
115 37.2 28.9 43.3

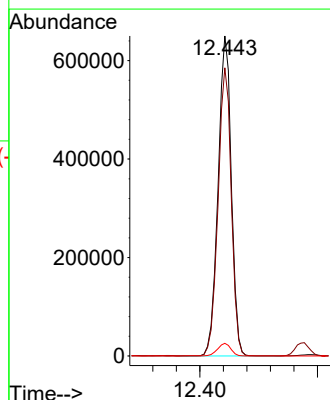
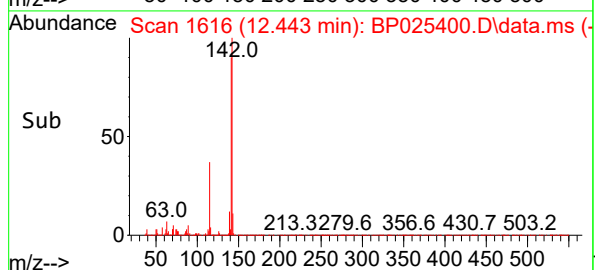
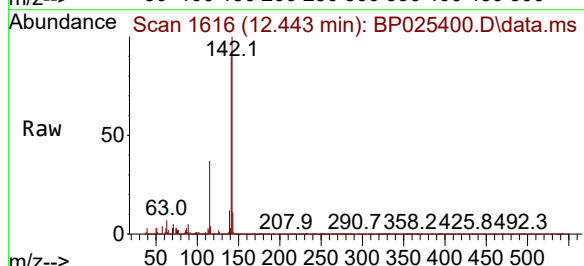
Manual Integrations
APPROVED

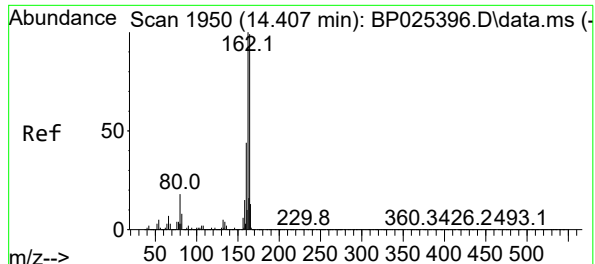
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 37.539 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:142 Resp: 1012844
Ion Ratio Lower Upper
142 100
141 90.0 73.1 109.7
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.407 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

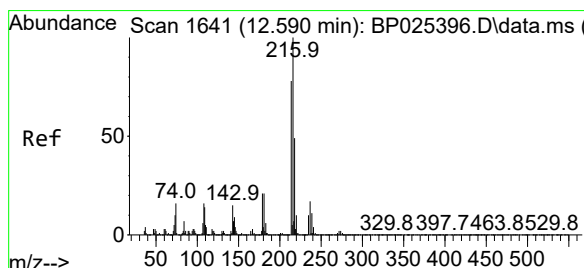
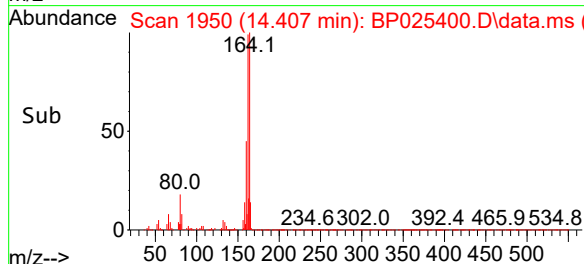
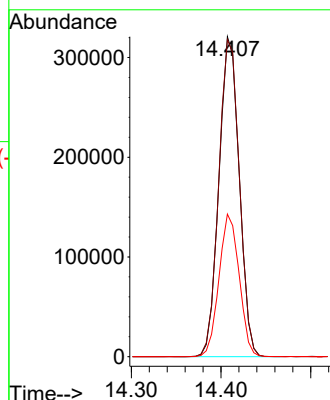
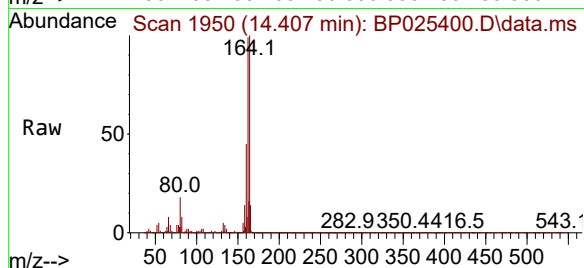
Tgt Ion:	164	Resp:	503239
Ion Ratio	Lower	Upper	
164	100		
162	99.1	81.0	121.6
160	44.5	35.4	53.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.895 ng

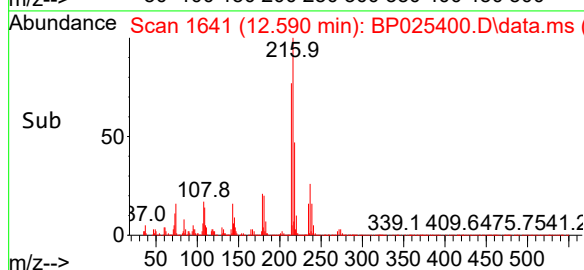
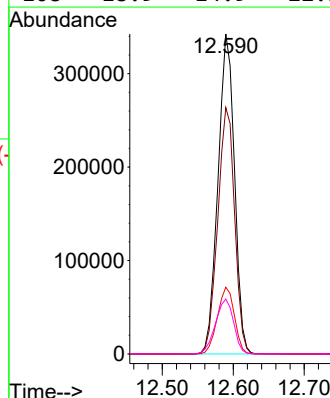
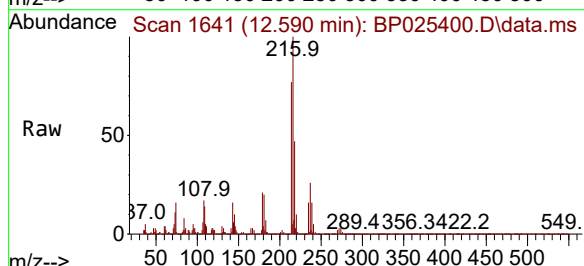
RT: 12.590 min Scan# 1641

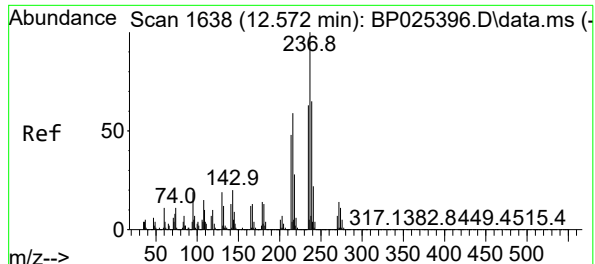
Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

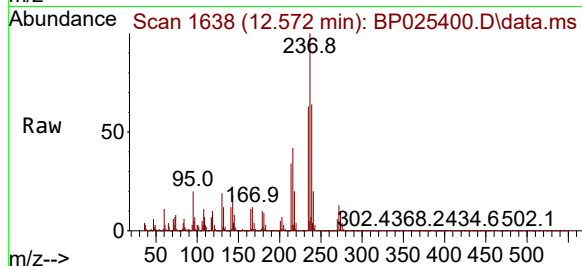
Tgt Ion:	216	Resp:	550777
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.0	94.4
179	21.4	17.1	25.7
108	18.9	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 40.074 ng
RT: 12.572 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

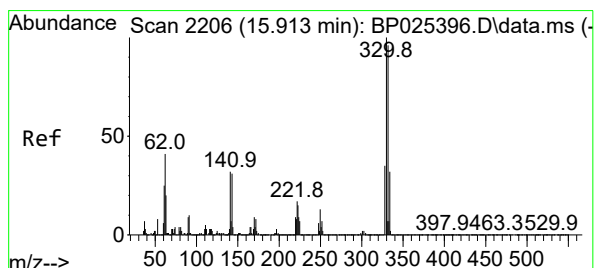
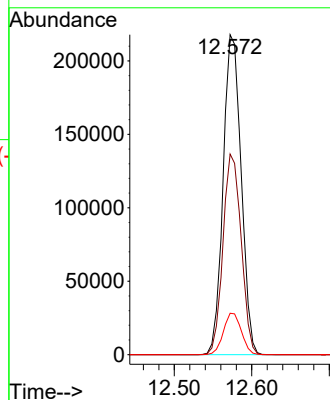
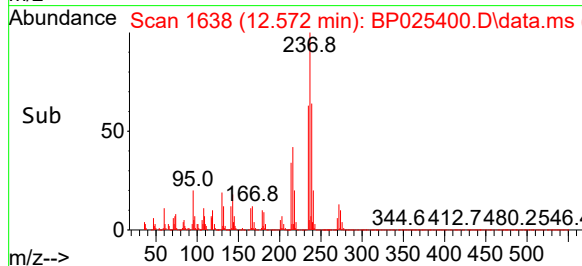
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



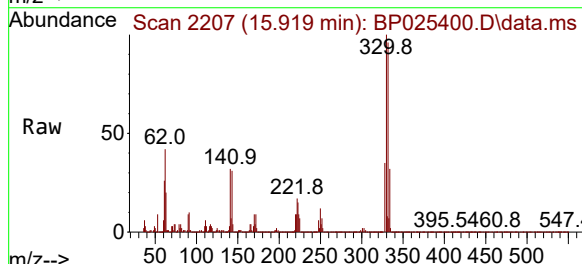
Tgt Ion: 237 Resp: 351819
Ion Ratio Lower Upper
237 100
235 62.7 42.7 82.7
272 13.0 0.0 34.0

Manual Integrations
APPROVED

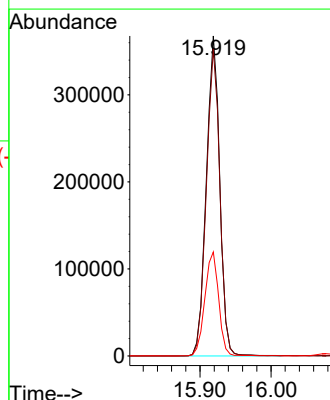
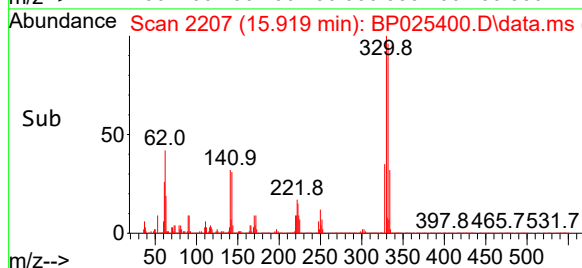
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

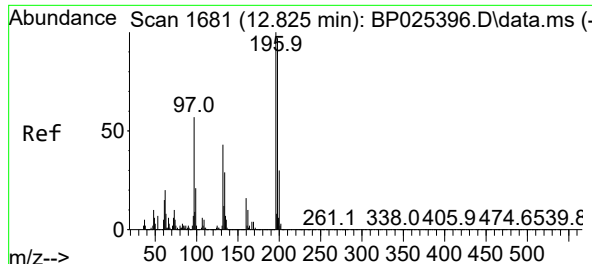


#42
2,4,6-Tribromophenol
Concen: 71.582 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



Tgt Ion: 330 Resp: 484870
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 33.4 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 38.972 ng

RT: 12.831 min Scan# 1682

Delta R.T. 0.006 min

Lab File: BP025400.D

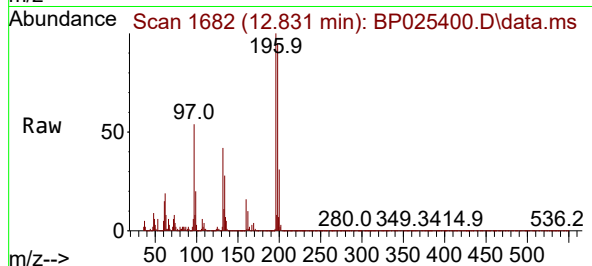
Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425



Tgt Ion:196 Resp: 38239

Ion Ratio Lower Upper

196 100

198 94.8 77.2 115.8

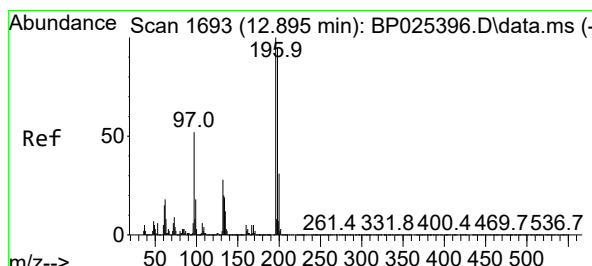
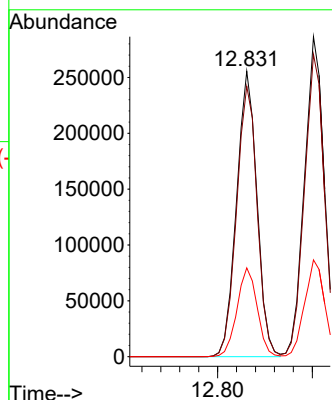
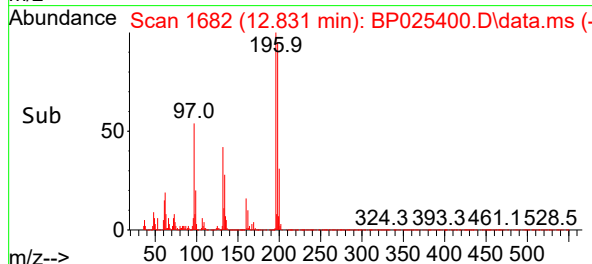
200 31.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#44

2,4,5-Trichlorophenol

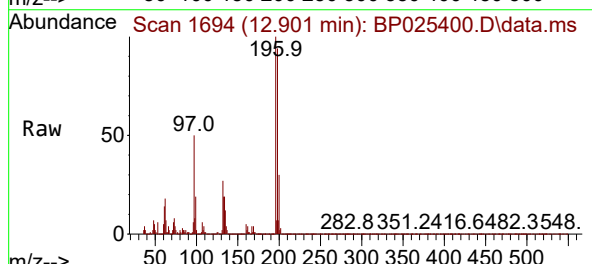
Concen: 39.108 ng

RT: 12.901 min Scan# 1694

Delta R.T. 0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05



Tgt Ion:196 Resp: 420565

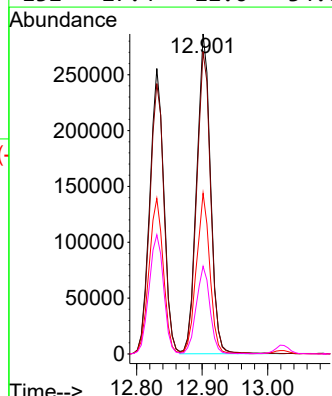
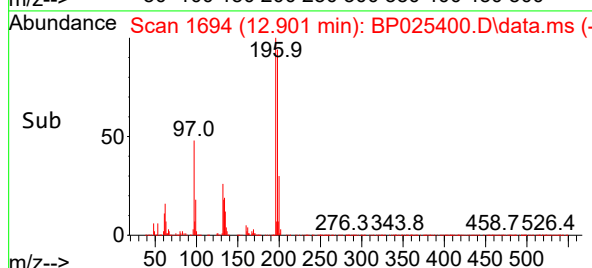
Ion Ratio Lower Upper

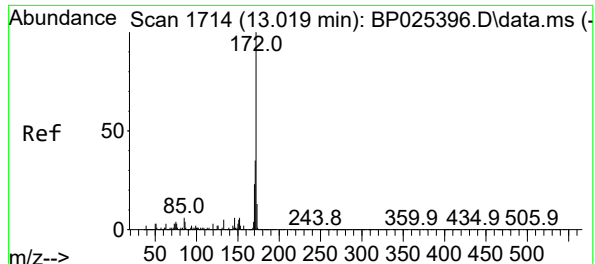
196 100

198 94.5 76.2 114.2

97 50.2 41.2 61.8

132 27.4 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 66.016 ng

RT: 13.025 min Scan# 1715

Delta R.T. 0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:172 Resp: 2430828

Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

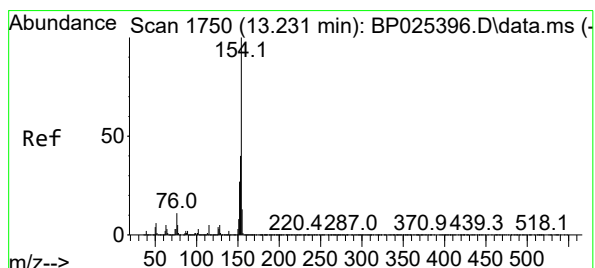
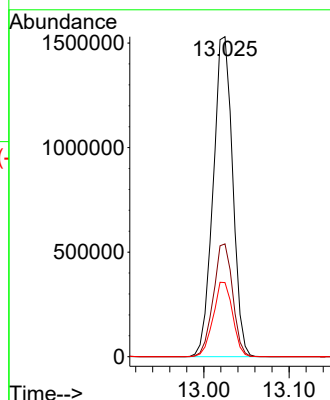
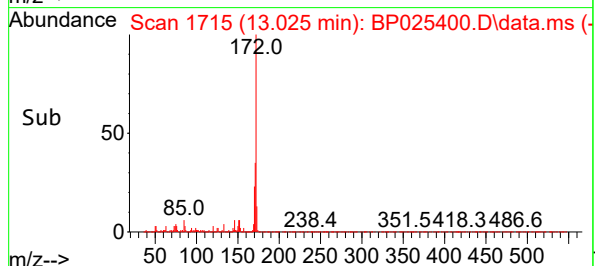
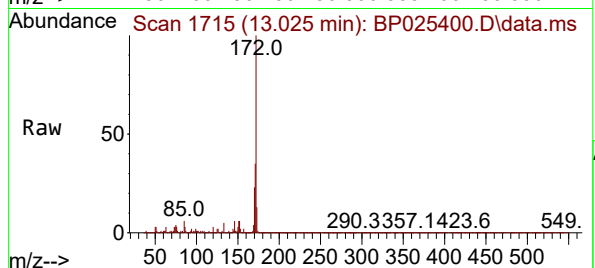
170 23.1 18.6 28.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#46

1,1'-Biphenyl

Concen: 37.672 ng

RT: 13.237 min Scan# 1751

Delta R.T. 0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

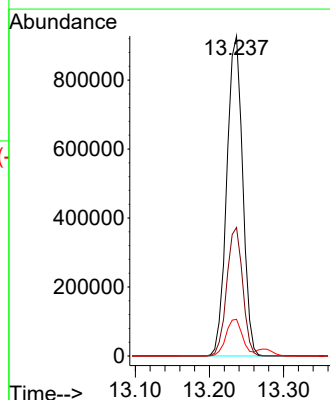
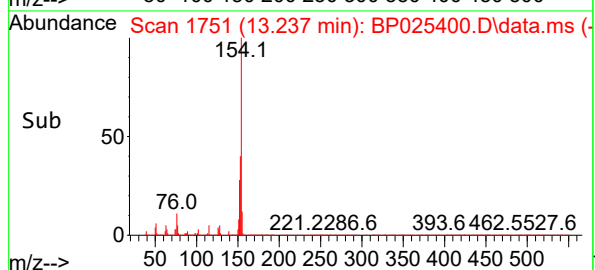
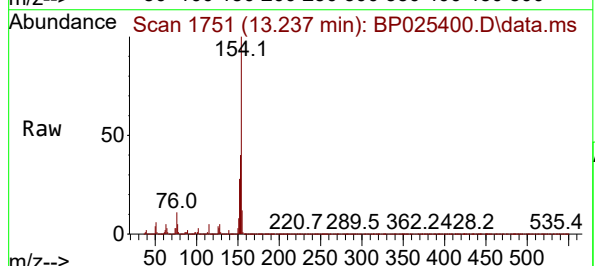
Tgt Ion:154 Resp: 1376834

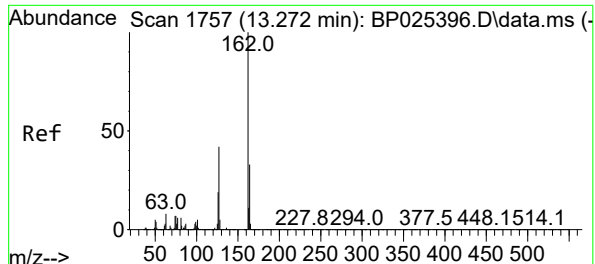
Ion Ratio Lower Upper

154 100

153 40.2 19.5 59.5

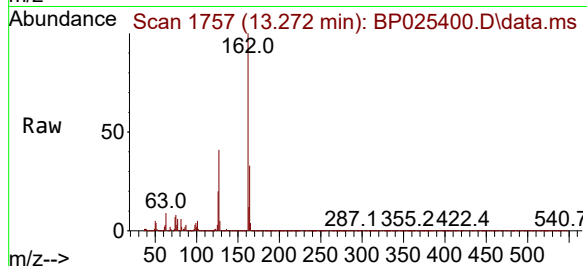
76 11.4 0.0 31.1





#47
2-Chloronaphthalene
Concen: 37.682 ng
RT: 13.272 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

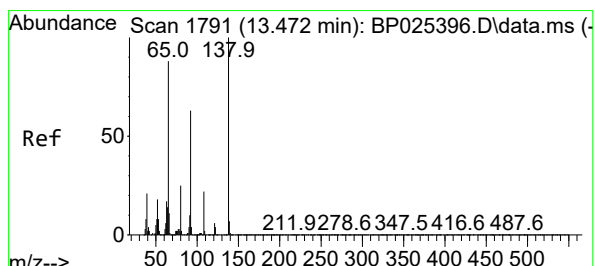
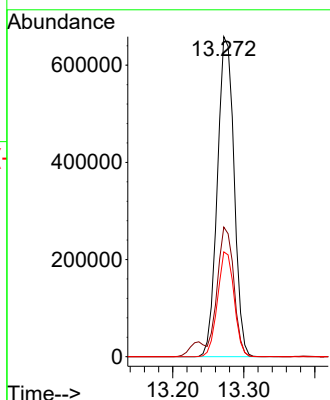
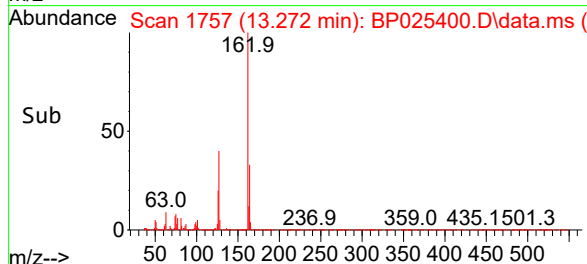
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



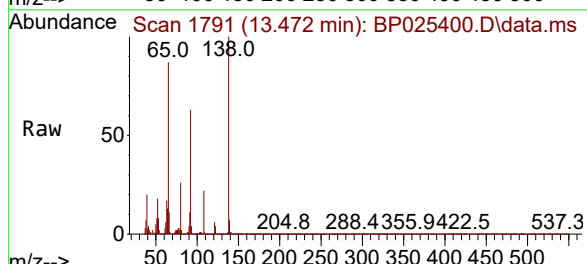
Tgt Ion:162 Resp: 107214
Ion Ratio Lower Upper
162 100
127 40.5 33.4 50.2
164 32.8 26.2 39.2

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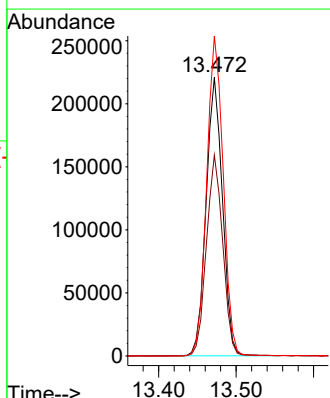
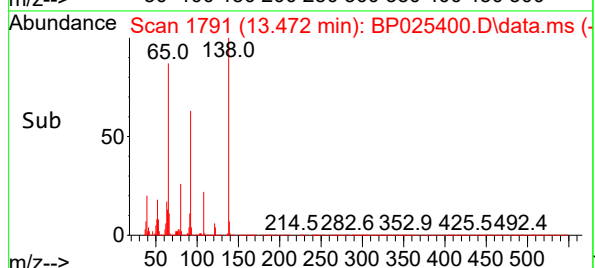
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

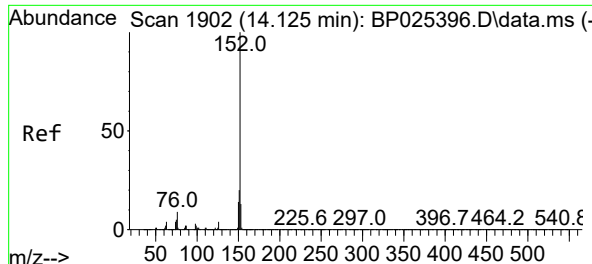


#48
2-Nitroaniline
Concen: 39.081 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



Tgt Ion: 65 Resp: 323995
Ion Ratio Lower Upper
65 100
92 72.2 57.6 86.4
138 114.9 91.0 136.6





#49

Acenaphthylene

Concen: 37.720 ng

RT: 14.125 min Scan# 1902

Delta R.T. 0.000 min

Lab File: BP025400.D

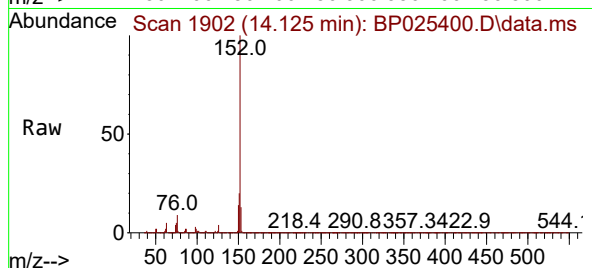
Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425



Tgt Ion:152 Resp: 177589

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

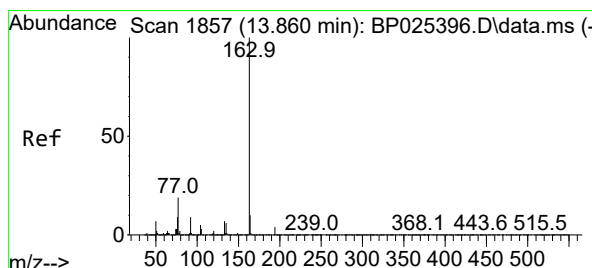
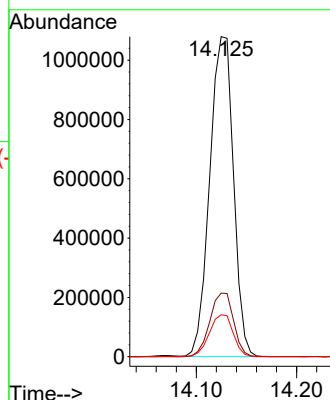
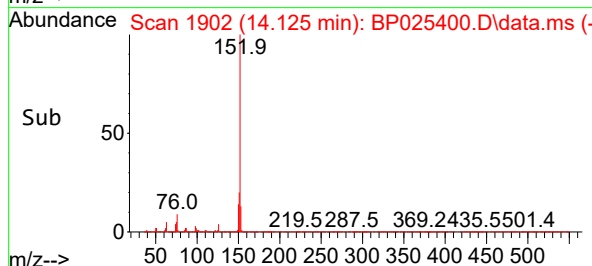
153 13.1 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#50

Dimethylphthalate

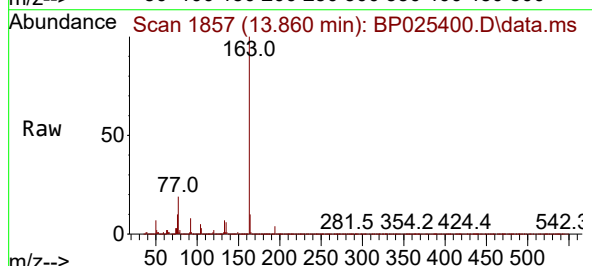
Concen: 38.170 ng

RT: 13.860 min Scan# 1857

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05



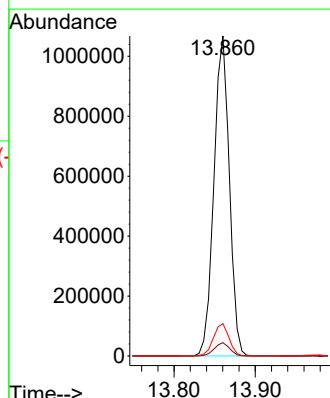
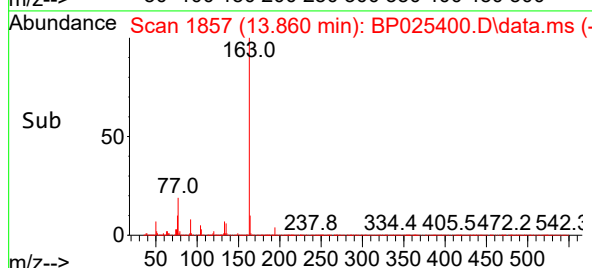
Tgt Ion:163 Resp: 1406620

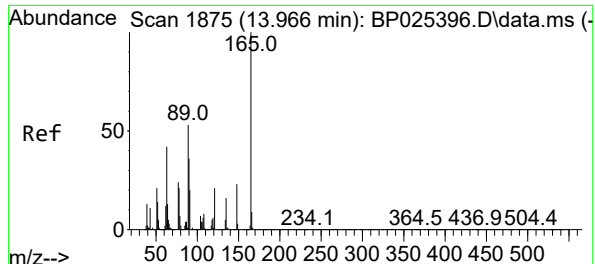
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

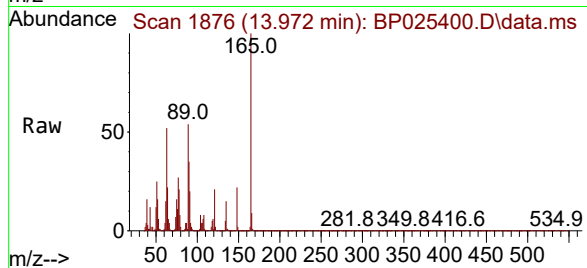
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 39.211 ng
RT: 13.972 min Scan# 1875
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

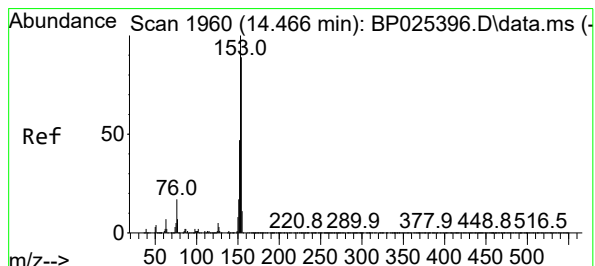
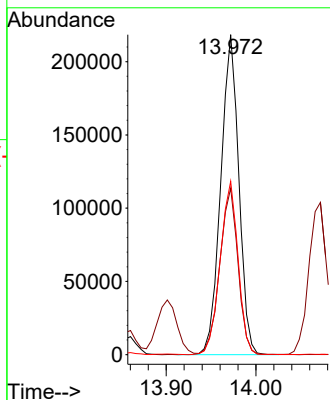
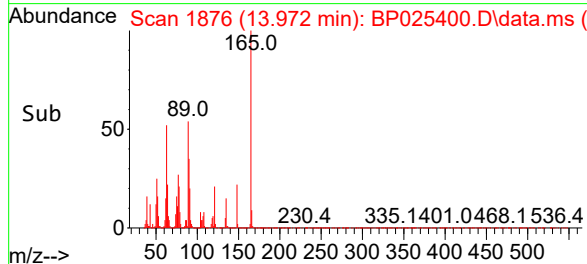
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:165 Resp: 304562
Ion Ratio Lower Upper
165 100
63 52.1 40.9 61.3
89 54.2 42.1 63.1

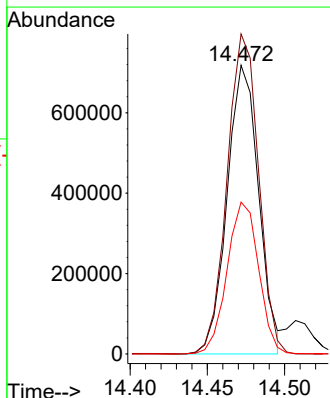
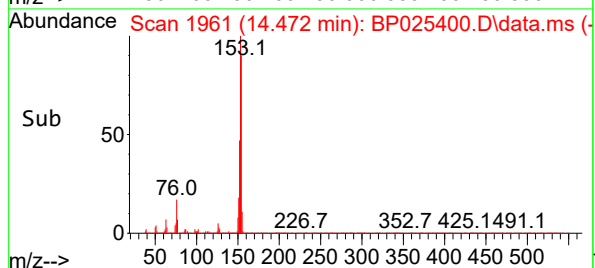
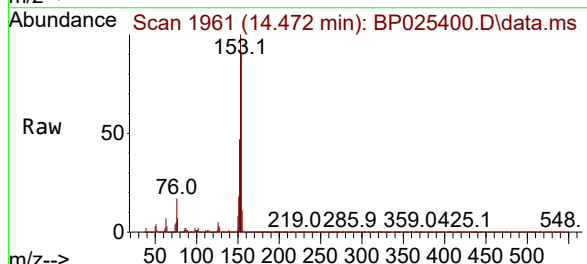
Manual Integrations
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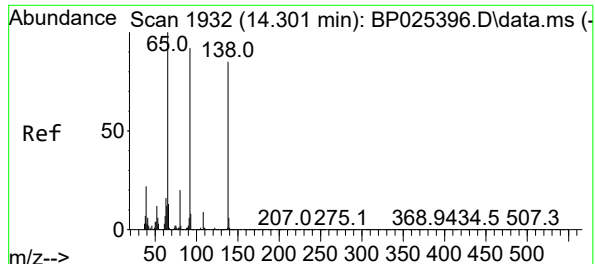
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#52
Acenaphthene
Concen: 36.837 ng m
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

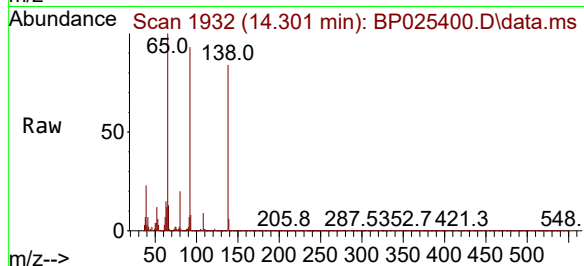
Tgt Ion:154 Resp: 1018011
Ion Ratio Lower Upper
154 100
153 110.9 90.2 135.2
152 52.6 42.1 63.1





#53
3-Nitroaniline
Concen: 40.027 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

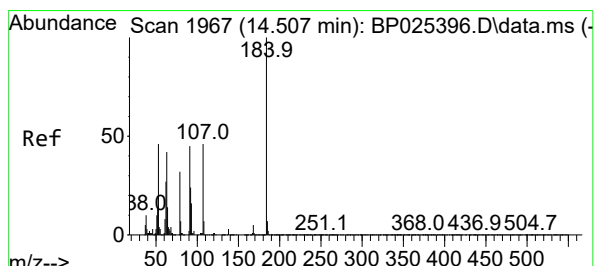
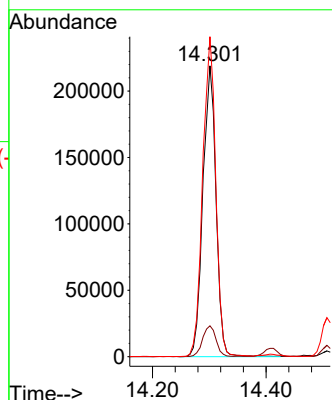
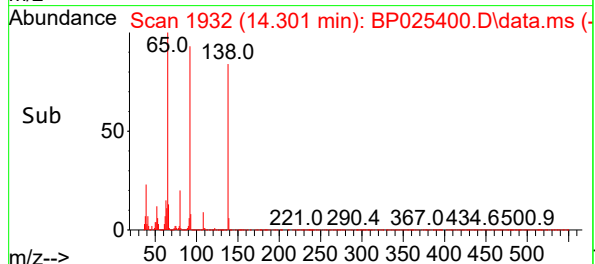
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:138 Resp: 34979
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 110.0 86.2 129.2

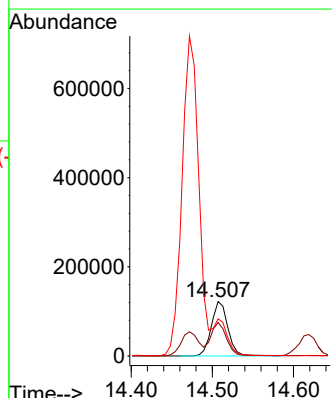
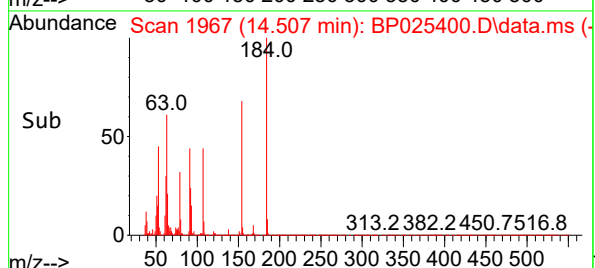
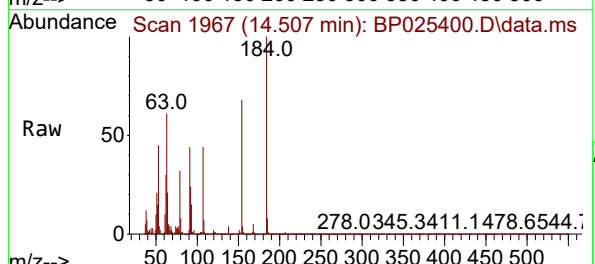
Manual Integrations
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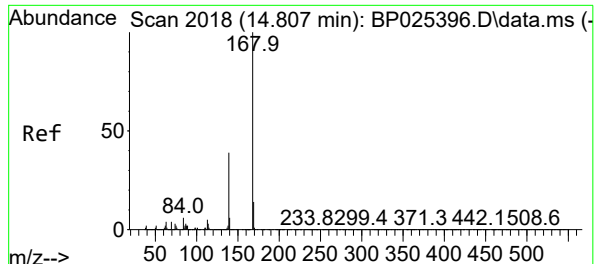
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#54
2,4-Dinitrophenol
Concen: 41.646 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

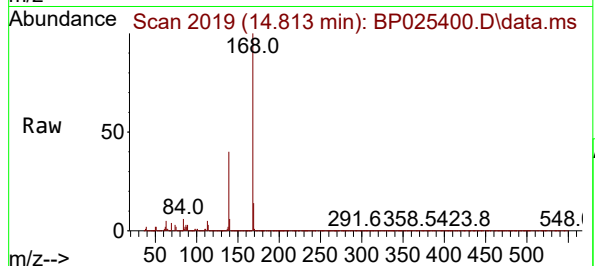
Tgt Ion:184 Resp: 172743
Ion Ratio Lower Upper
184 100
63 61.3 49.4 74.2
154 68.1 54.6 82.0





#55
Dibenzenofuran
Concen: 37.324 ng
RT: 14.813 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

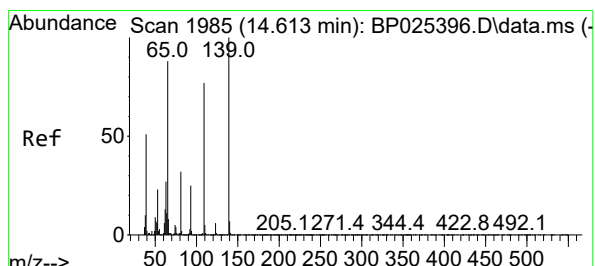
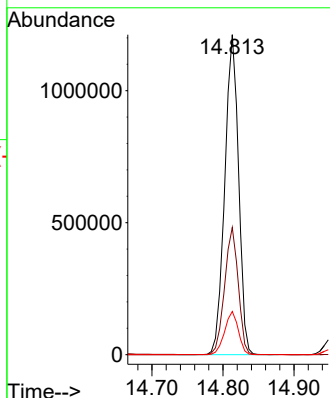
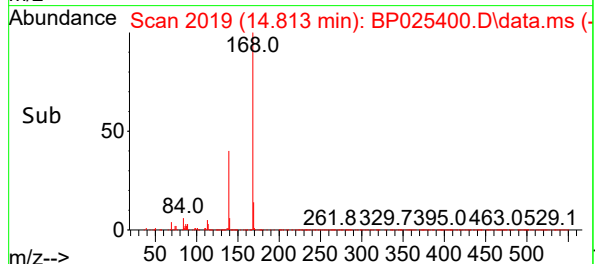
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



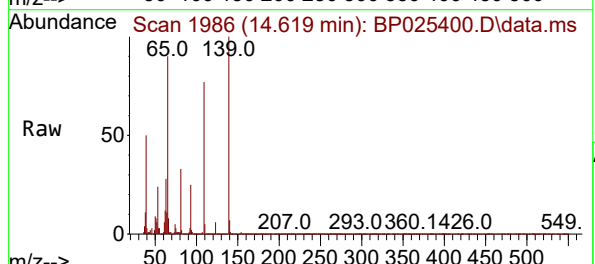
Tgt Ion:168 Resp: 1630744
Ion Ratio Lower Upper
168 100
139 39.8 31.5 47.3
169 13.5 10.9 16.3

Manual Integrations
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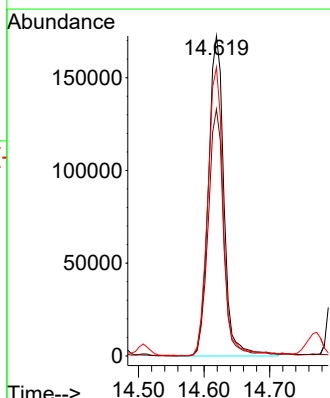
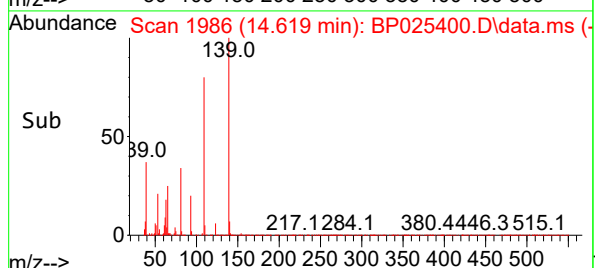
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

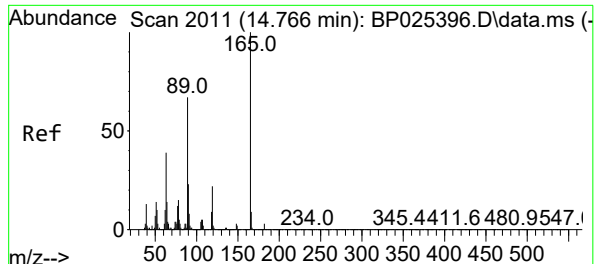


#56
4-Nitrophenol
Concen: 39.630 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



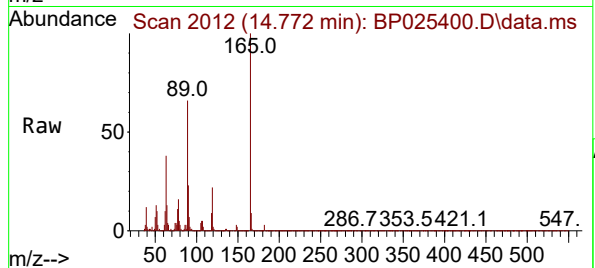
Tgt Ion:139 Resp: 284585
Ion Ratio Lower Upper
139 100
109 77.1 56.6 96.6
65 90.2 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 40.439 ng
RT: 14.772 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

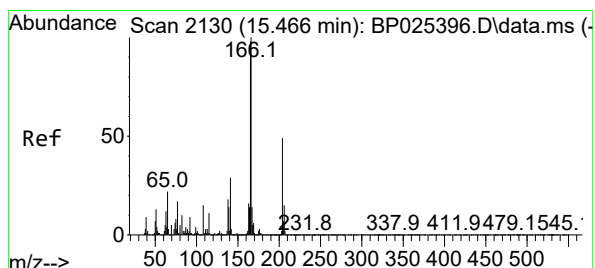
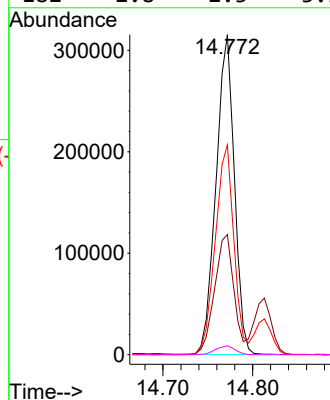
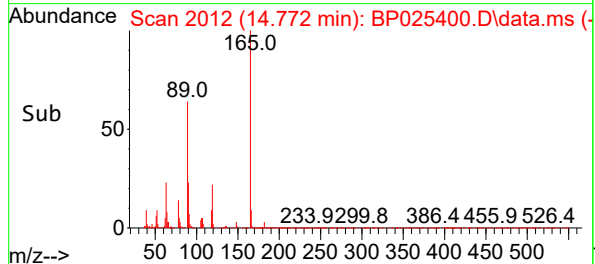
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:165 Resp: 44814
Ion Ratio Lower Upper
165 100
63 37.5 31.4 47.2
89 65.6 53.3 79.9
182 2.8 2.3 3.5

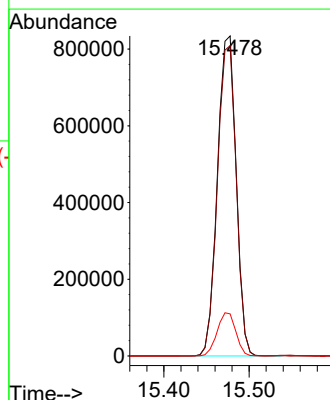
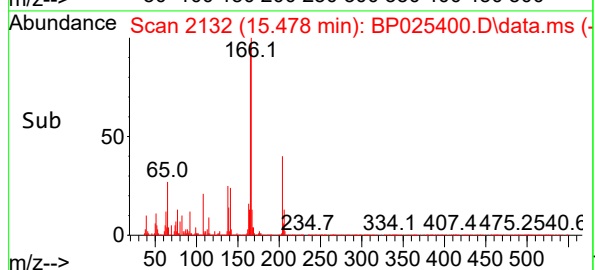
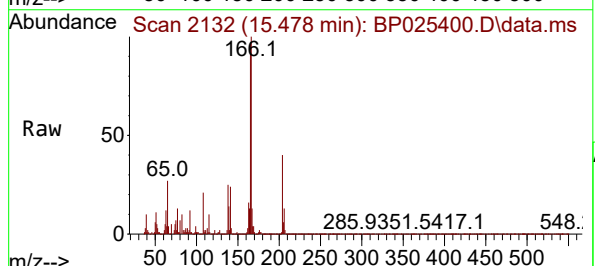
Manual Integrations
APPROVED

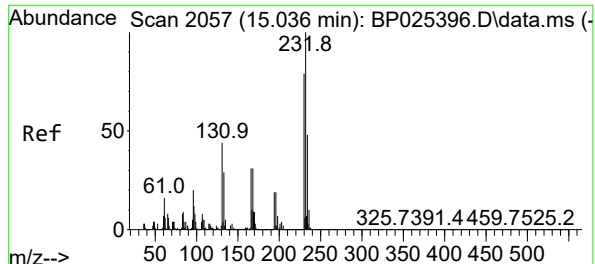
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#58
Fluorene
Concen: 36.992 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

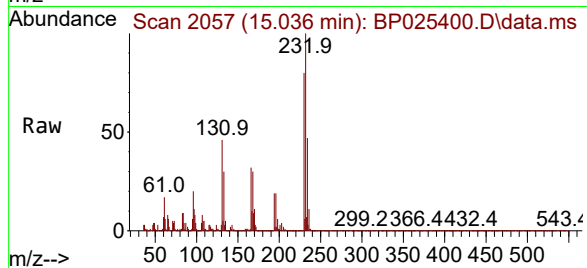
Tgt Ion:166 Resp: 1275341
Ion Ratio Lower Upper
166 100
165 97.0 78.8 118.2
167 13.2 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.147 ng
RT: 15.036 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

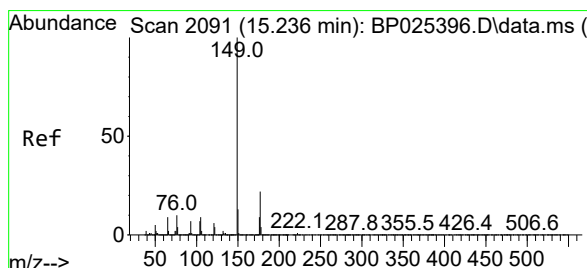
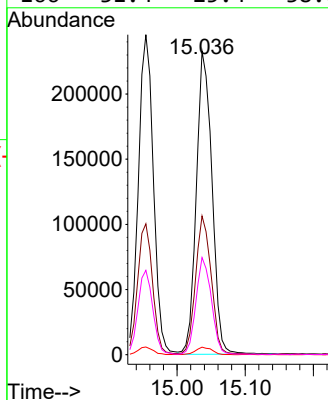
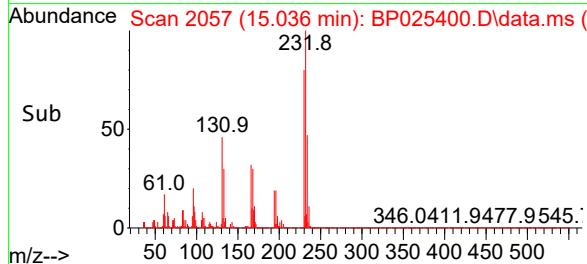
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



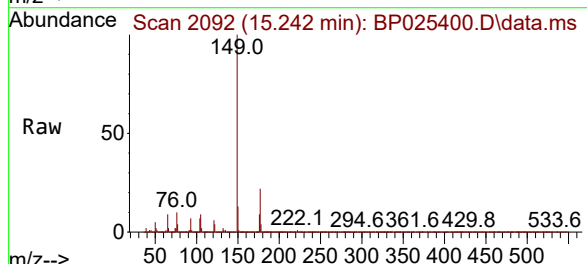
Tgt Ion:232 Resp: 37171
Ion Ratio Lower Upper
232 100
131 45.3 37.0 55.6
130 2.6 1.9 2.9
166 31.4 25.4 38.0

Manual Integrations
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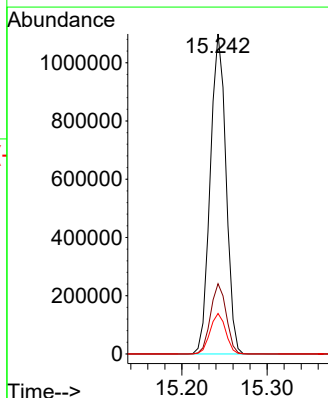
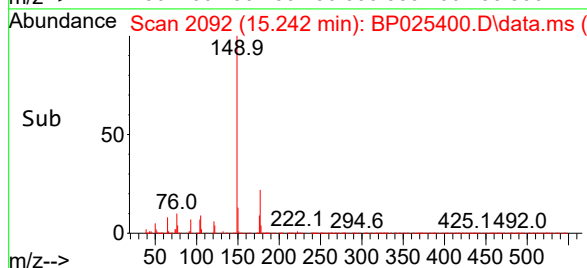
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

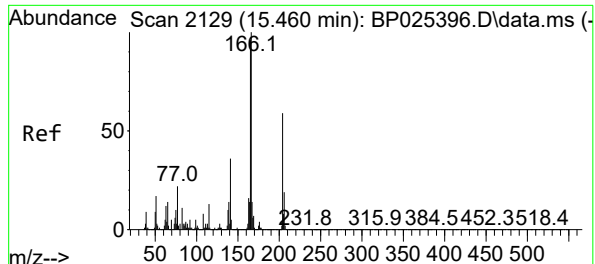


#60
Diethylphthalate
Concen: 37.810 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



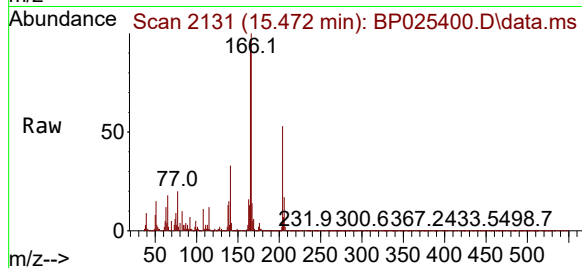
Tgt Ion:149 Resp: 1415787
Ion Ratio Lower Upper
149 100
177 22.0 17.3 25.9
150 12.7 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 36.596 ng
RT: 15.472 min Scan# 2131
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

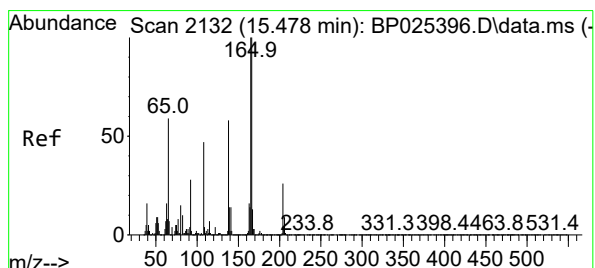
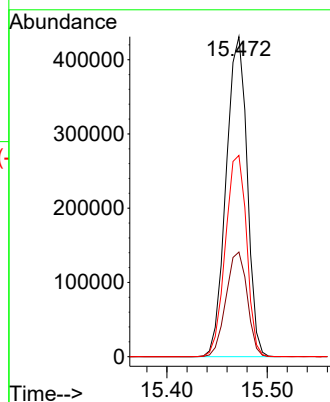
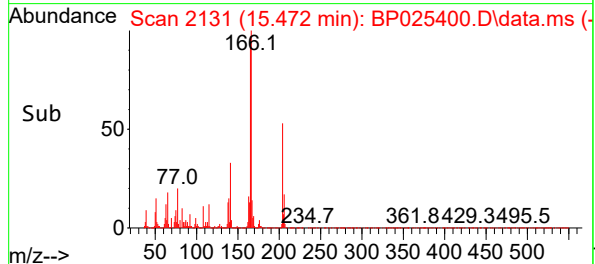
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



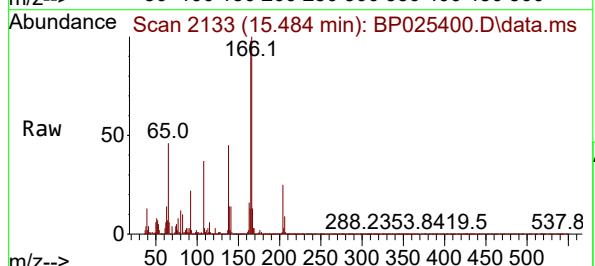
Tgt Ion:204 Resp: 62747
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.8
141 62.9 49.4 74.2

Manual Integrations
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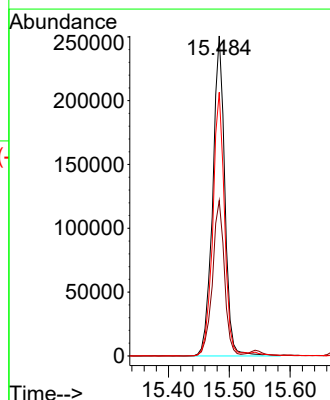
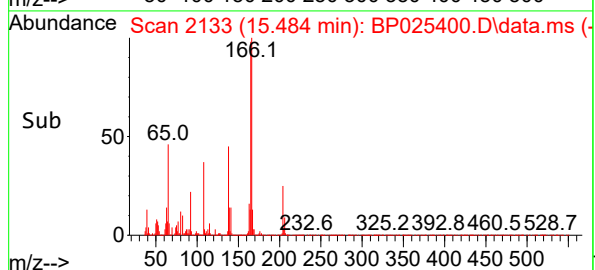
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

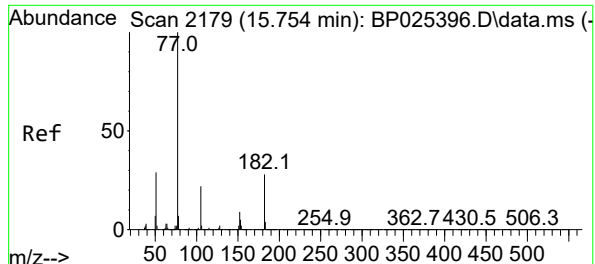


#62
4-Nitroaniline
Concen: 38.717 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



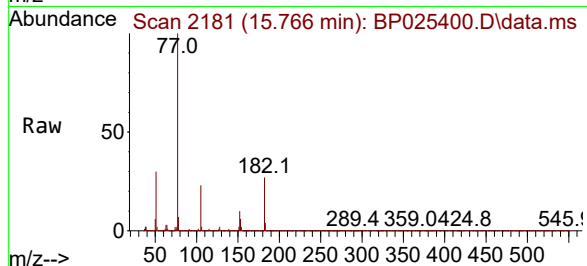
Tgt Ion:138 Resp: 346865
Ion Ratio Lower Upper
138 100
92 48.5 29.1 69.1
108 82.4 61.5 101.5





#63
Azobenzene
Concen: 38.526 ng
RT: 15.766 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

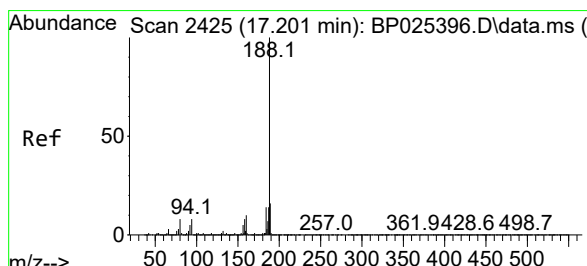
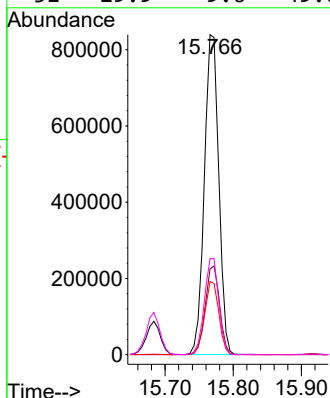
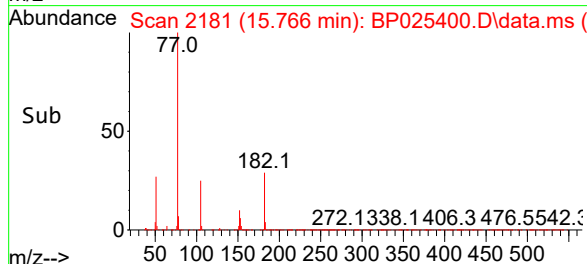
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



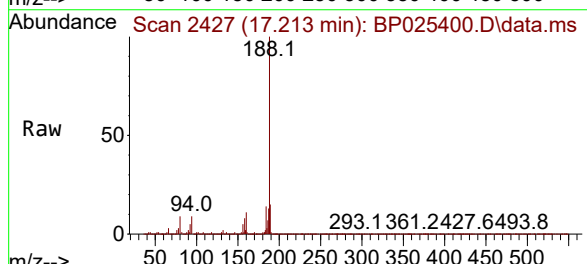
Tgt Ion: 77 Resp: 123524
Ion Ratio Lower Upper
77 100
182 26.8 7.5 47.5
105 22.8 2.1 42.1
51 29.9 9.6 49.6

Manual Integrations
APPROVED

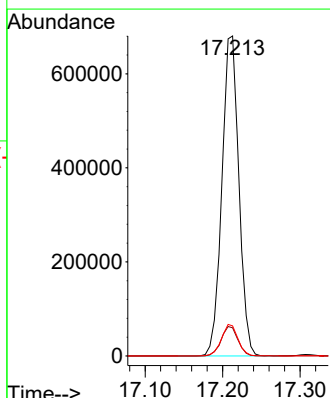
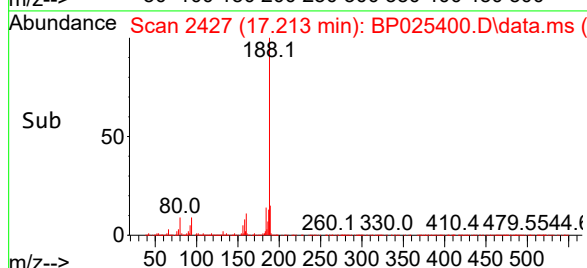
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

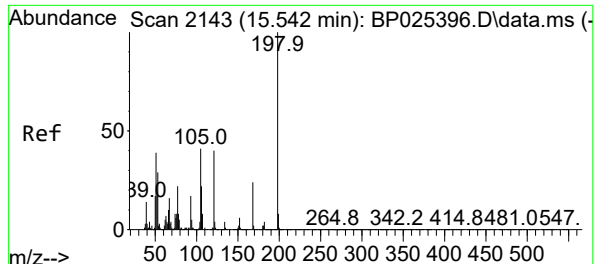


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



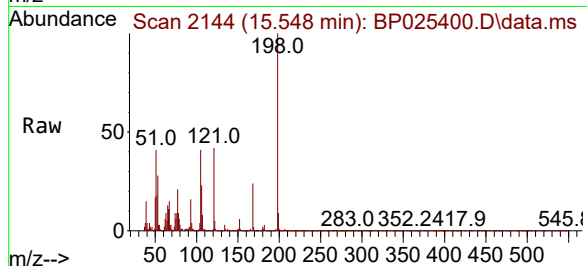
Tgt Ion:188 Resp: 1034378
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.4 6.7 10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 39.721 ng
RT: 15.548 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

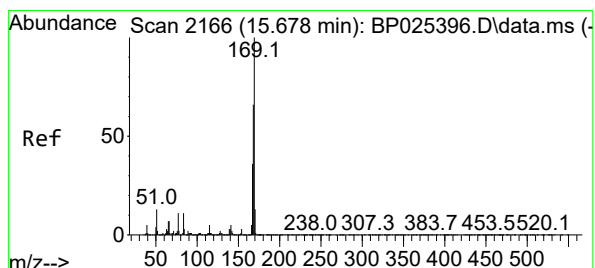
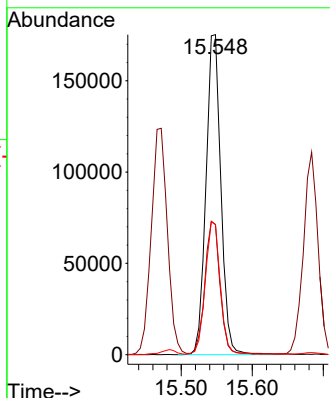
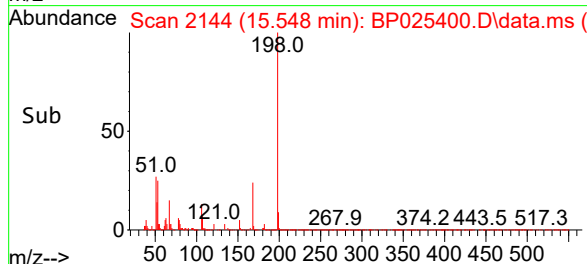
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:198 Resp: 25611
Ion Ratio Lower Upper
198 100
51 40.6 19.6 59.6
105 40.7 20.9 60.9

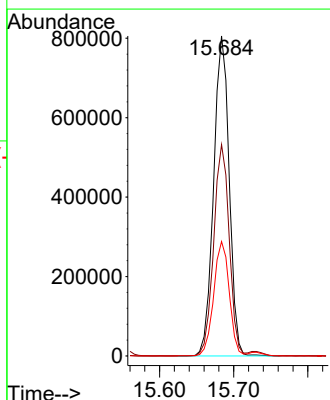
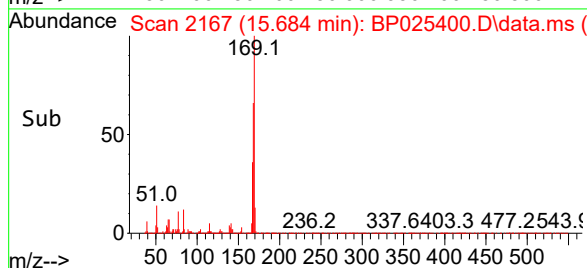
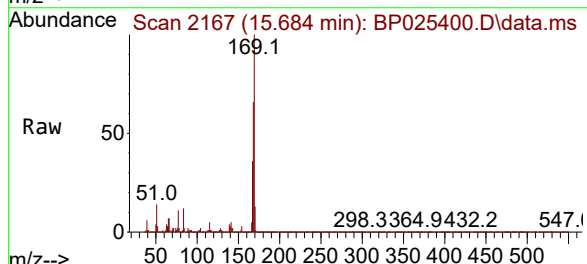
Manual Integrations
APPROVED

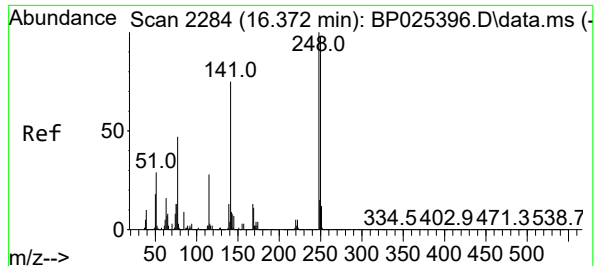
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 37.227 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:169 Resp: 1174244
Ion Ratio Lower Upper
169 100
168 66.0 53.2 79.8
167 35.7 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 37.101 ng

RT: 16.378 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:248 Resp: 422072

Ion Ratio Lower Upper

248 100

250 99.4 78.2 117.2

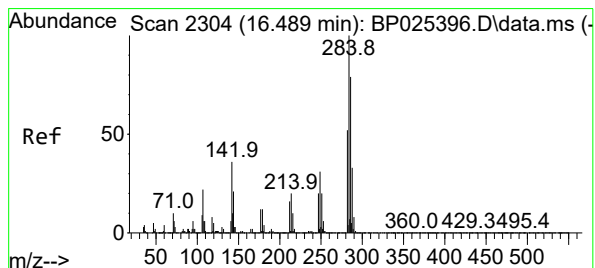
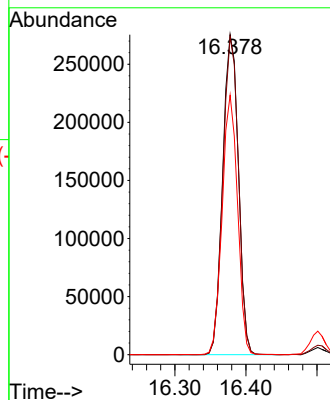
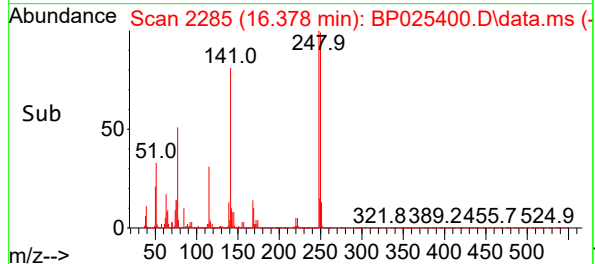
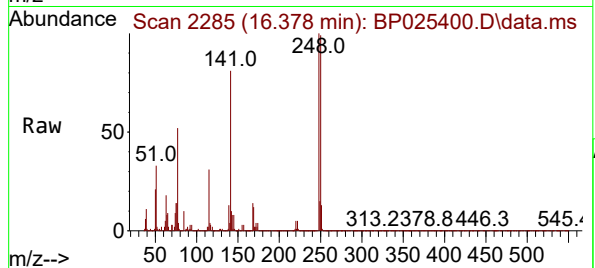
141 81.1 59.6 89.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#68

Hexachlorobenzene

Concen: 37.062 ng

RT: 16.501 min Scan# 2306

Delta R.T. 0.012 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

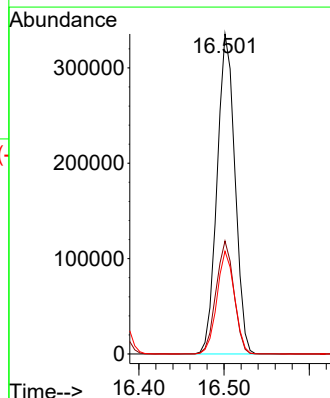
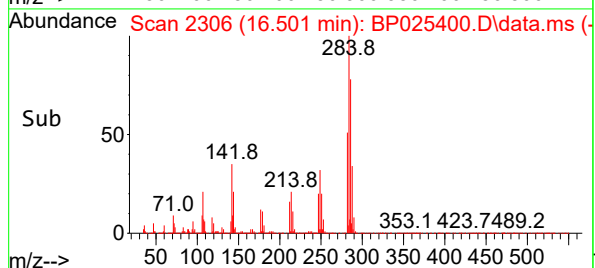
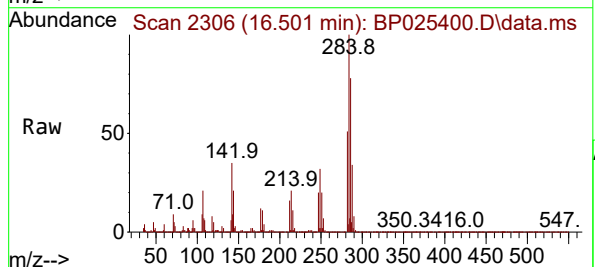
Tgt Ion:284 Resp: 488749

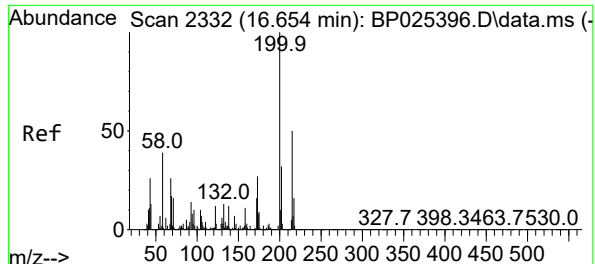
Ion Ratio Lower Upper

284 100

142 35.3 29.1 43.7

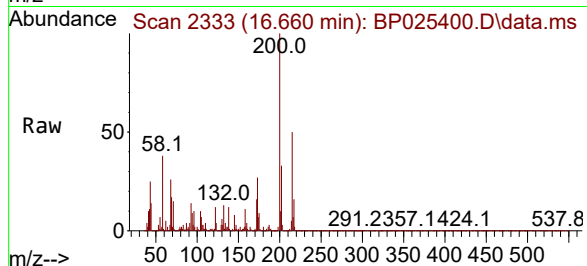
249 32.1 25.0 37.4





#69
Atrazine
Concen: 38.057 ng
RT: 16.660 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

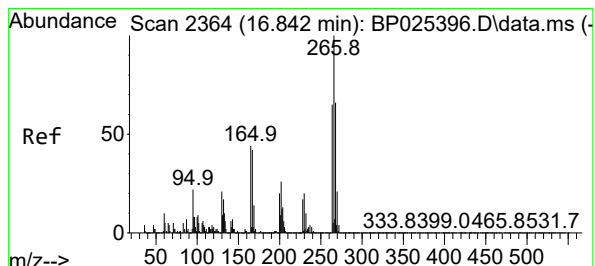
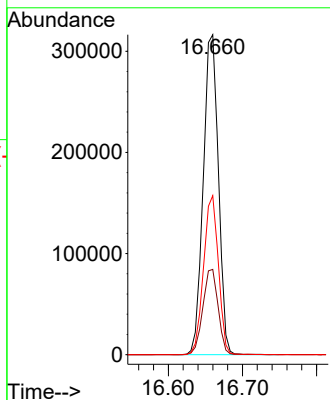
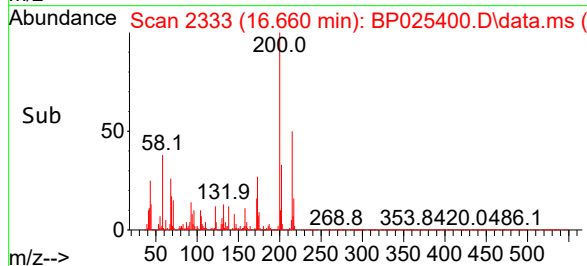
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:200 Resp: 44955
Ion Ratio Lower Upper
200 100
173 26.7 6.7 46.7
215 49.7 29.7 69.7

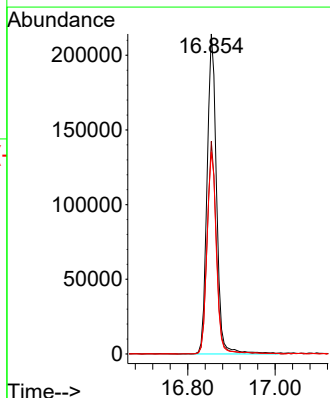
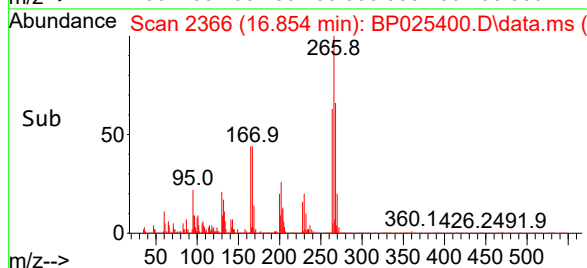
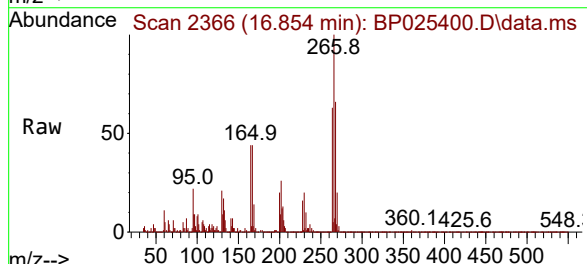
Manual Integrations
APPROVED

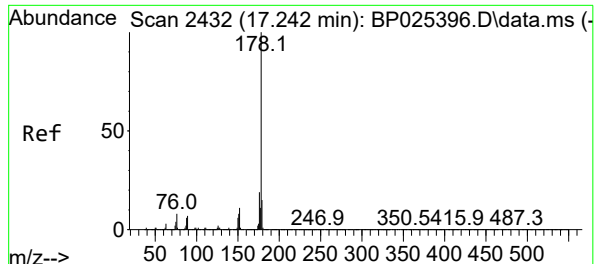
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#70
Pentachlorophenol
Concen: 38.733 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

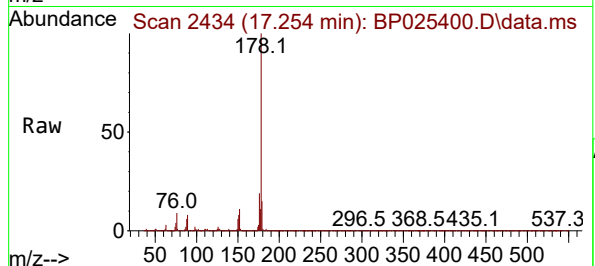
Tgt Ion:266 Resp: 322435
Ion Ratio Lower Upper
266 100
268 66.4 52.6 79.0
264 63.2 52.0 78.0





#71
Phenanthrene
Concen: 36.445 ng
RT: 17.254 min Scan# 2432
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

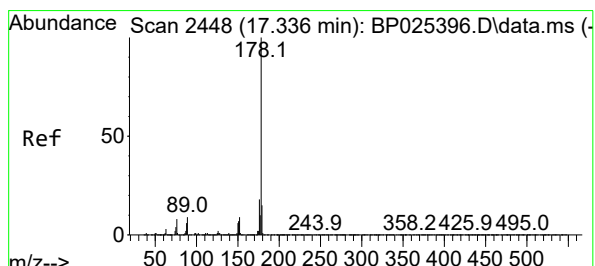
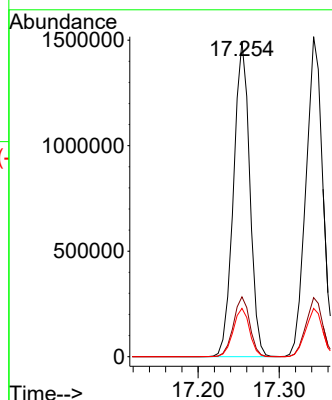
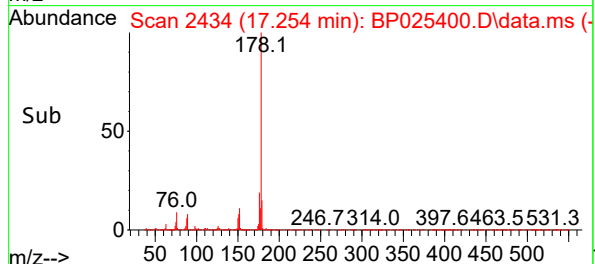
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:178 Resp: 207087
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.3 12.2 18.4

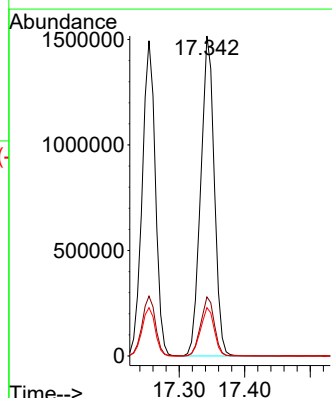
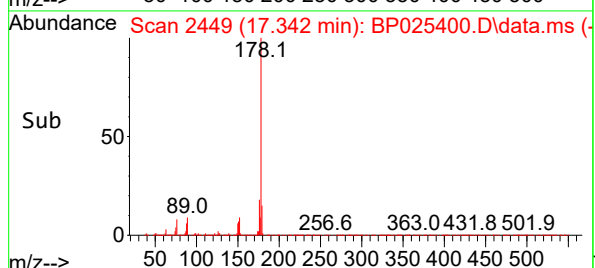
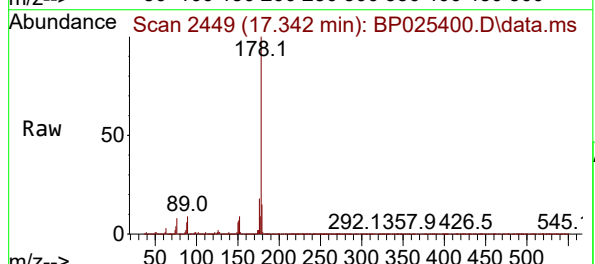
Manual Integrations
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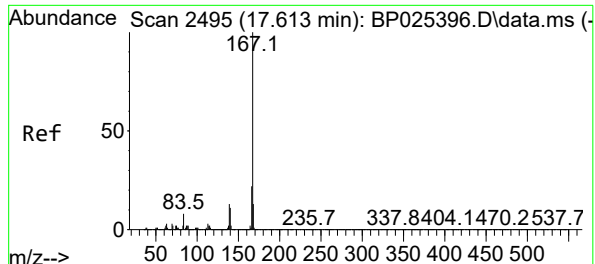
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 37.563 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

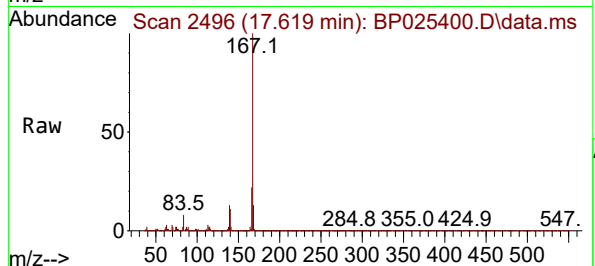
Tgt Ion:178 Resp: 2179669
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.1 12.2 18.2





#73
Carbazole
Concen: 37.116 ng
RT: 17.619 min Scan# 2496
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

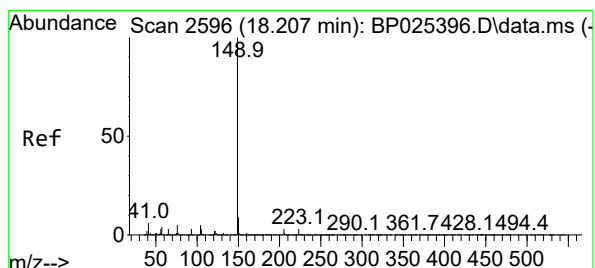
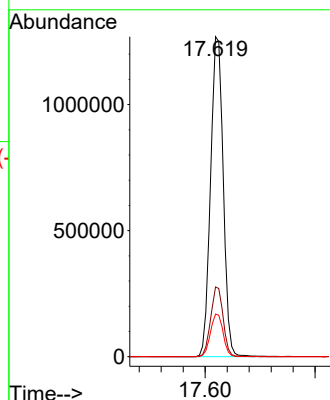
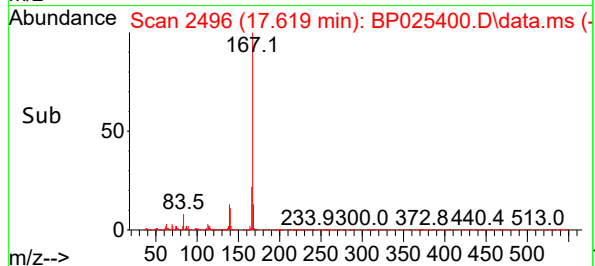
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:167 Resp: 202859
Ion Ratio Lower Upper
167 100
166 21.8 17.5 26.3
139 13.3 10.6 16.0

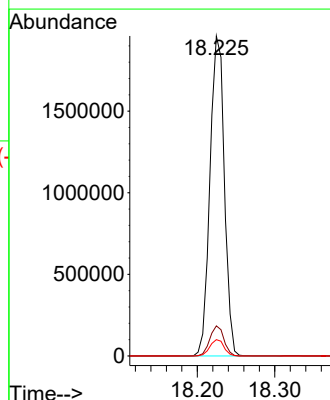
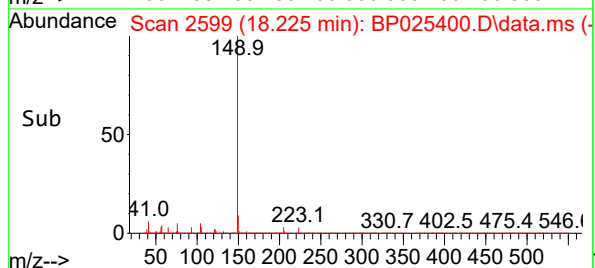
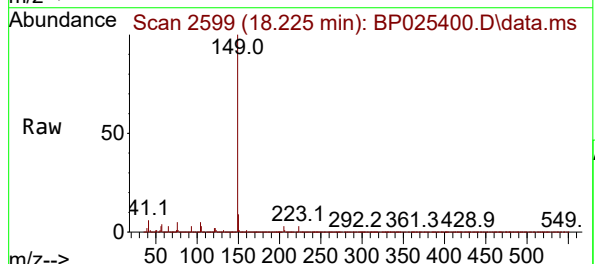
Manual Integrations
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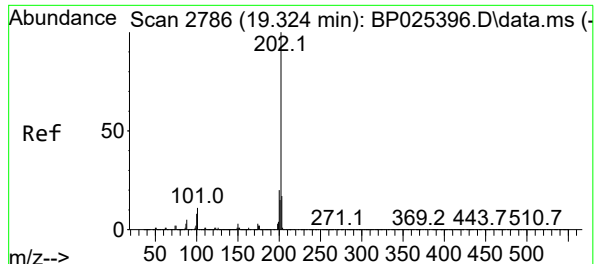
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#74
Di-n-butylphthalate
Concen: 37.602 ng
RT: 18.225 min Scan# 2599
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

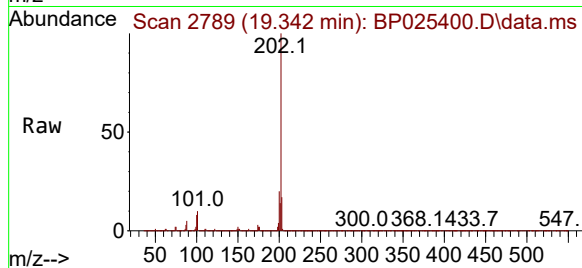
Tgt Ion:149 Resp: 2528547
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 37.481 ng
RT: 19.342 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

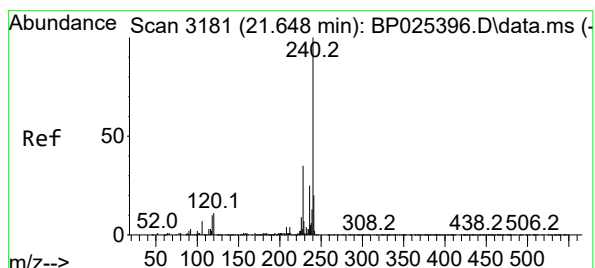
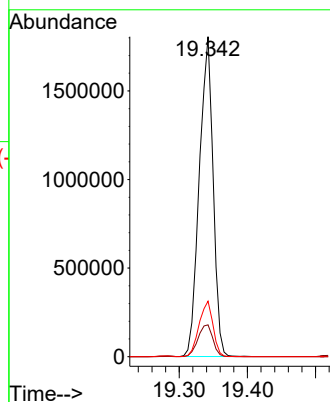
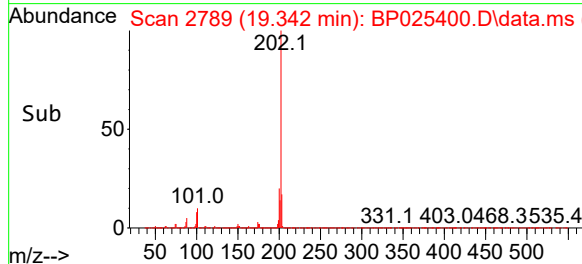
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:202 Resp: 254041
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.1
203 17.4 0.0 37.3

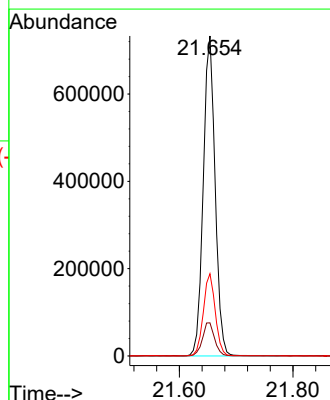
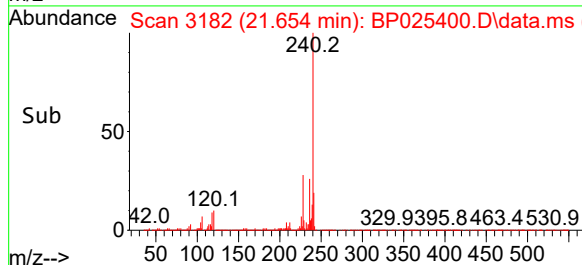
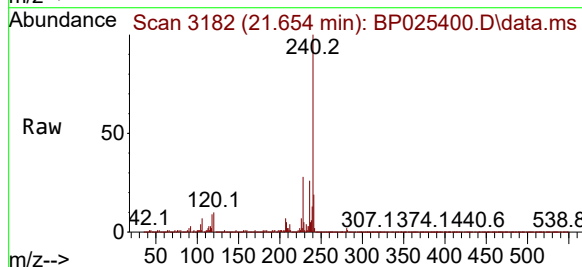
Manual Integrations
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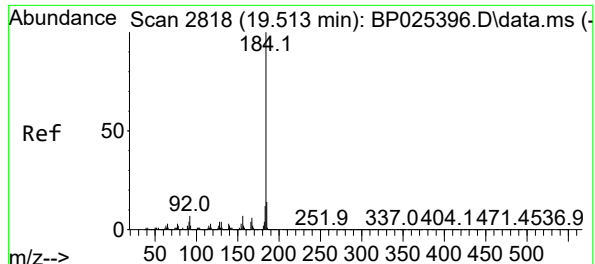
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

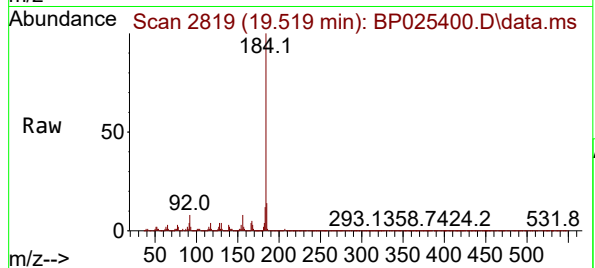
Tgt Ion:240 Resp: 1060337
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.7 19.8 29.8





#77
Benzidine
Concen: 42.271 ng
RT: 19.519 min Scan# 2819
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

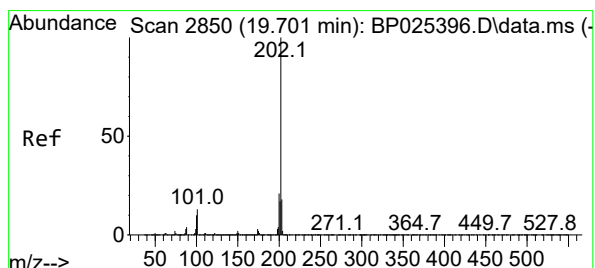
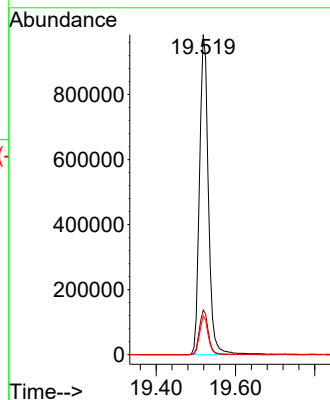
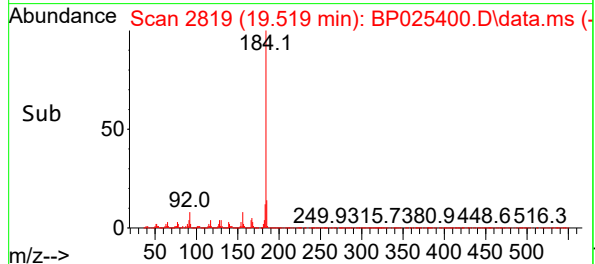
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:184 Resp: 1529650
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 12.1 9.4 14.2

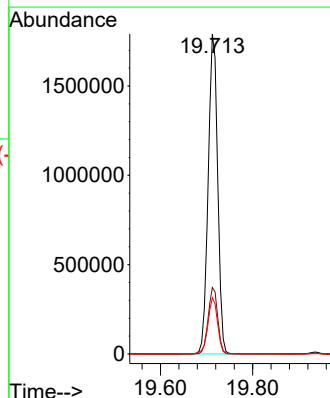
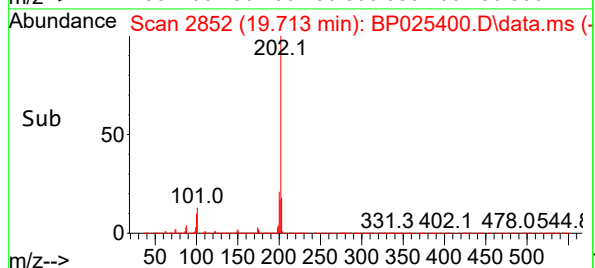
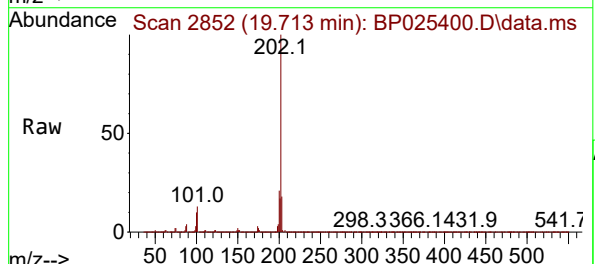
Manual Integrations
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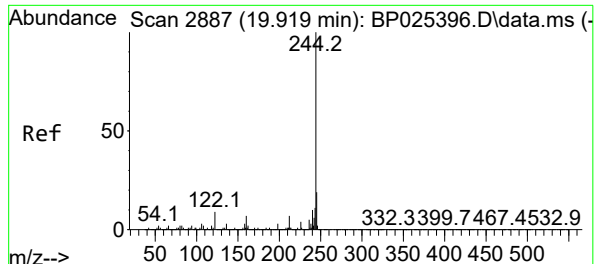
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 37.404 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

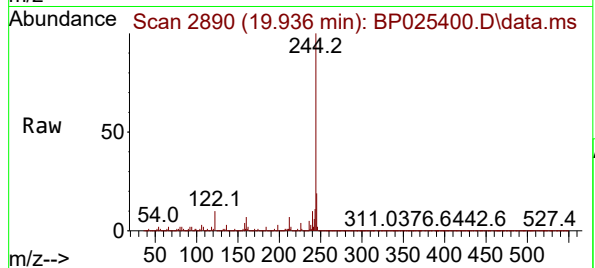
Tgt Ion:202 Resp: 2577810
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.5 14.2 21.2





#79
 Terphenyl-d14
 Concen: 66.399 ng
 RT: 19.936 min Scan# 2887
 Delta R.T. 0.018 min
 Lab File: BP025400.D
 Acq: 14 Aug 2025 18:05

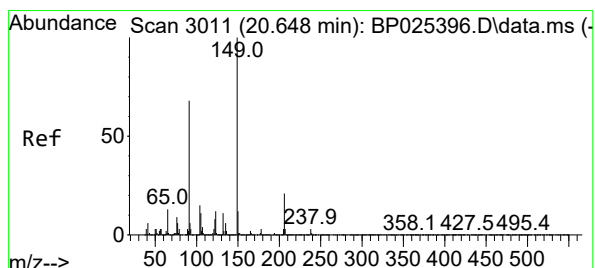
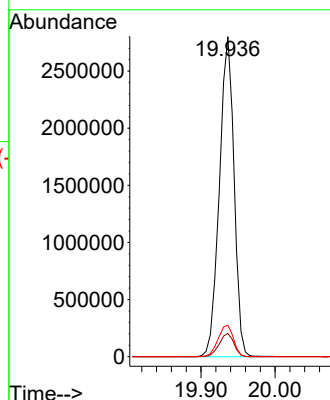
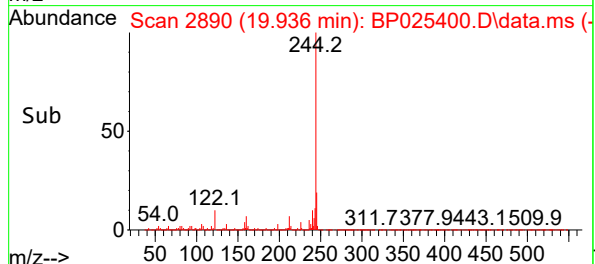
Instrument :
 BNA_P
 ClientSampleId :
 ICVBP081425



Tgt Ion:244 Resp: 3848160
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.9 7.4 11.2

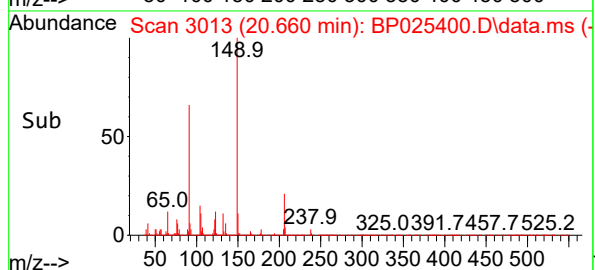
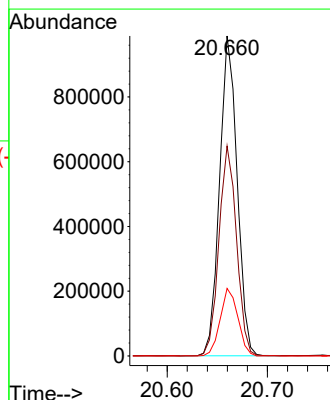
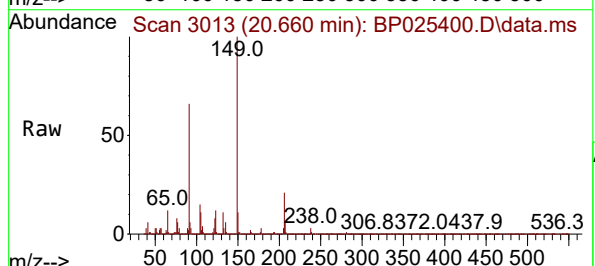
Manual Integrations
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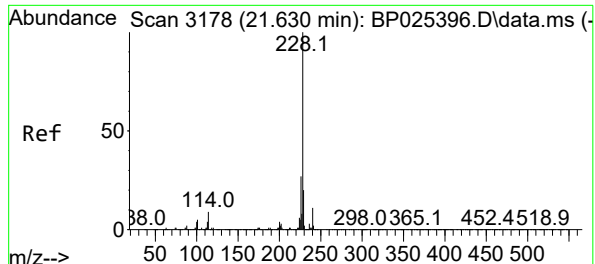
Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025



#80
 Butylbenzylphthalate
 Concen: 38.401 ng
 RT: 20.660 min Scan# 3013
 Delta R.T. 0.012 min
 Lab File: BP025400.D
 Acq: 14 Aug 2025 18:05

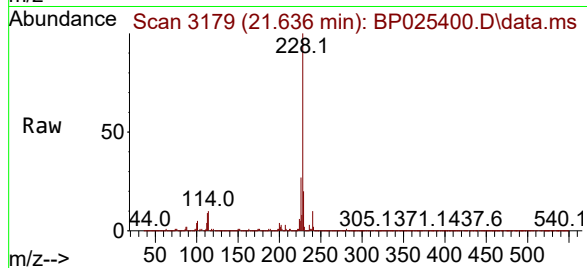
Tgt Ion:149 Resp: 1199445
 Ion Ratio Lower Upper
 149 100
 91 65.6 54.2 81.2
 206 21.1 16.6 24.8





#81
Benzo(a)anthracene
Concen: 36.950 ng
RT: 21.636 min Scan# 3179
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

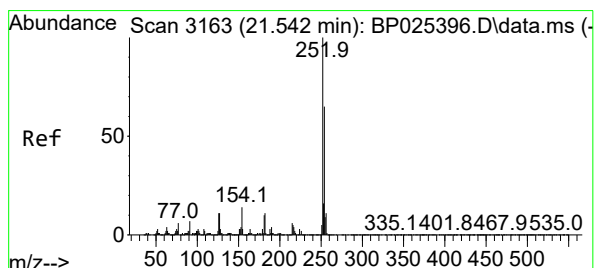
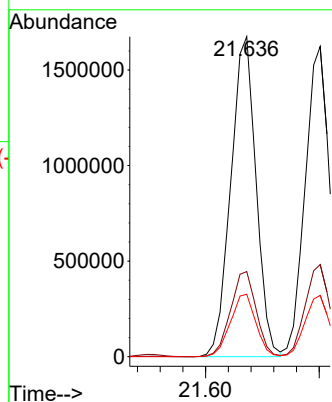
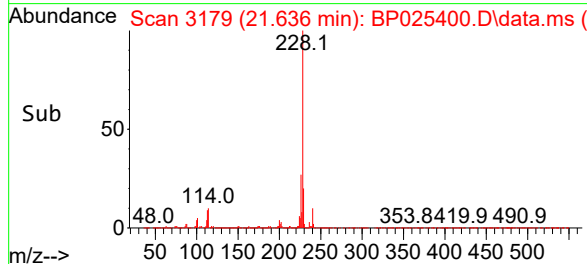
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:228 Resp: 2583860
Ion Ratio Lower Upper
228 100
226 26.6 21.7 32.5
229 19.5 15.6 23.4

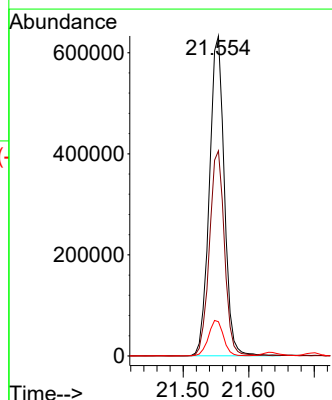
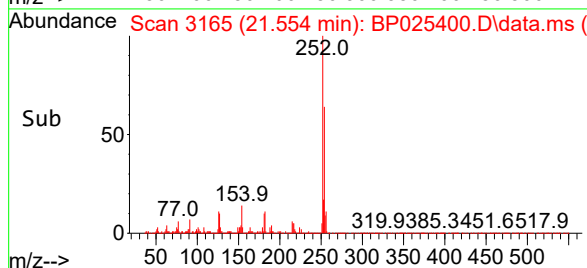
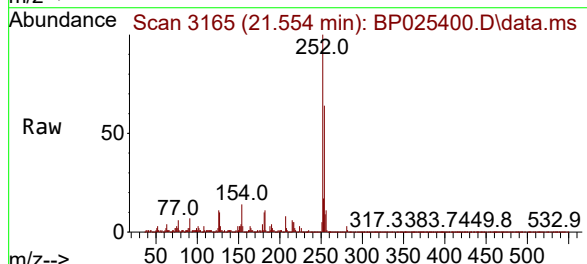
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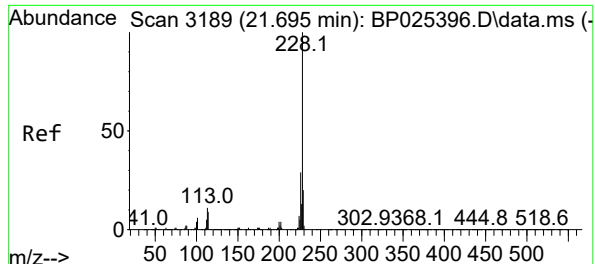
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#82
3,3'-Dichlorobenzidine
Concen: 38.038 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:252 Resp: 1002597
Ion Ratio Lower Upper
252 100
254 64.1 51.8 77.6
126 10.7 9.1 13.7





#83

Chrysene

Concen: 37.353 ng

RT: 21.701 min Scan# 3189

Delta R.T. 0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:228 Resp: 244619

Ion Ratio Lower Upper

228 100

226 29.7 23.2 34.8

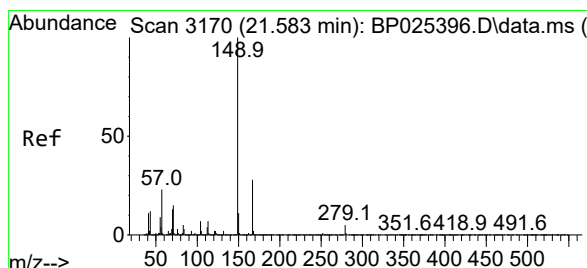
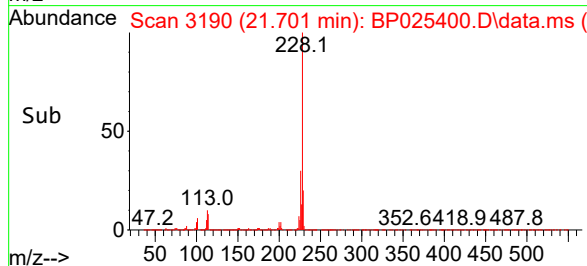
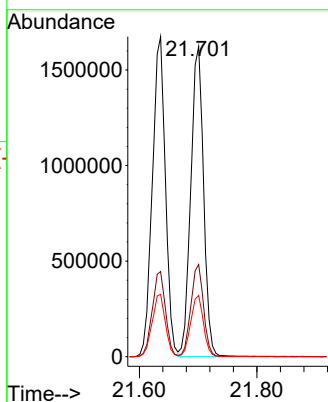
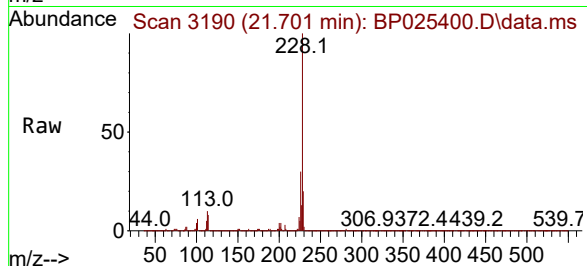
229 19.7 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.729 ng

RT: 21.583 min Scan# 3170

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

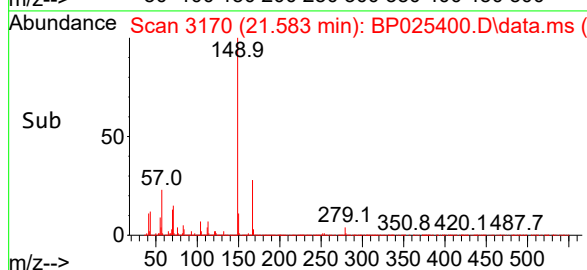
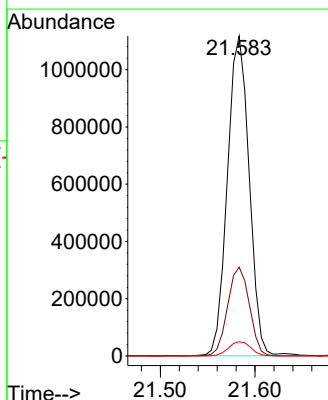
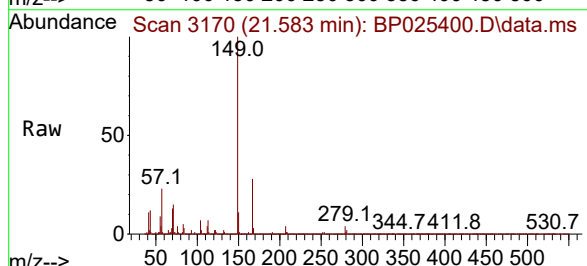
Tgt Ion:149 Resp: 1780746

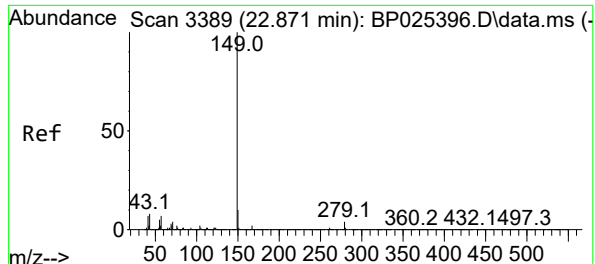
Ion Ratio Lower Upper

149 100

167 27.8 22.1 33.1

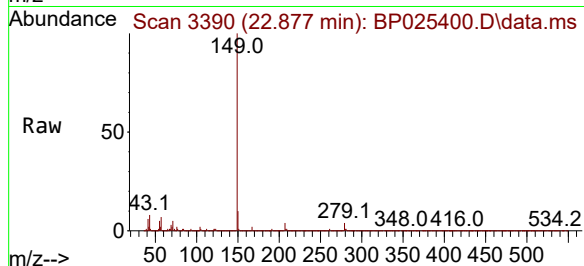
279 4.5 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 37.915 ng
RT: 22.877 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

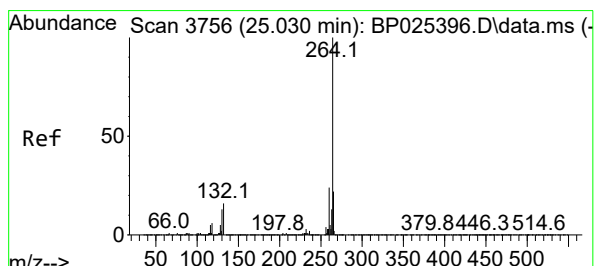
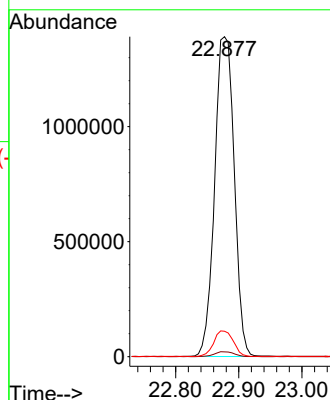
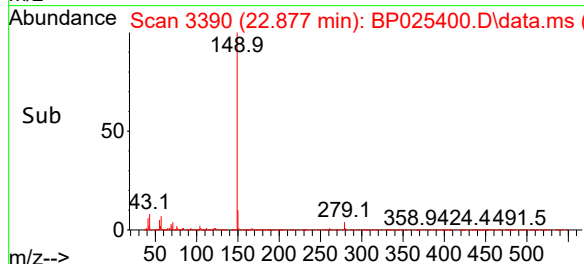
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:149 Resp: 2998528
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 6.3 9.5

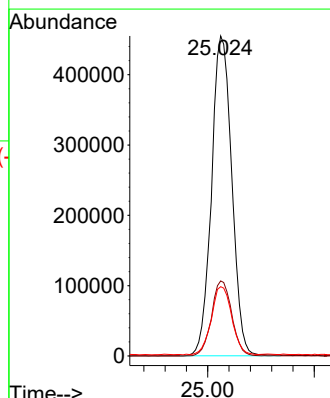
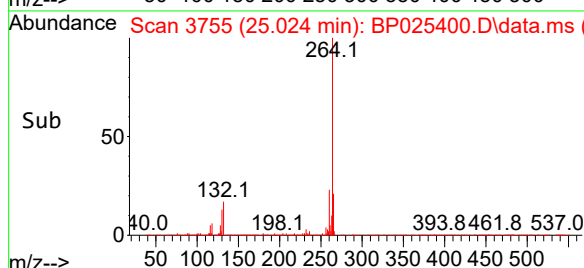
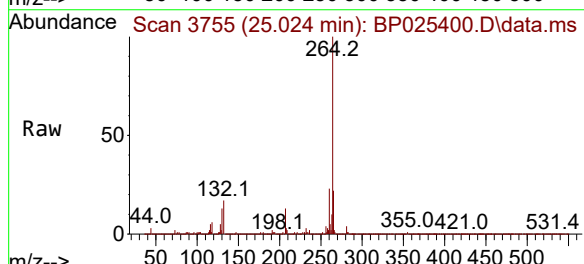
Manual Integrations
APPROVED

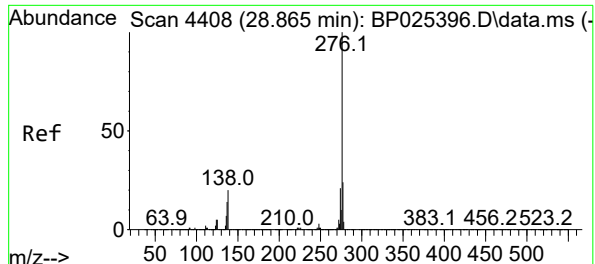
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.024 min Scan# 3755
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

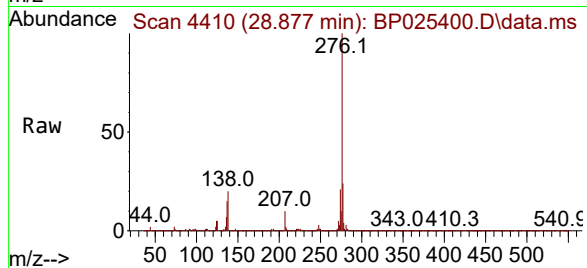
Tgt Ion:264 Resp: 1200519
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 21.6 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 37.119 ng
RT: 28.877 min Scan# 4408
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

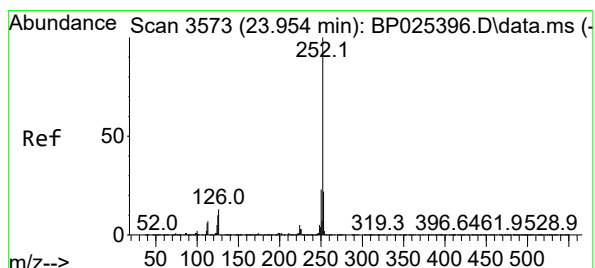
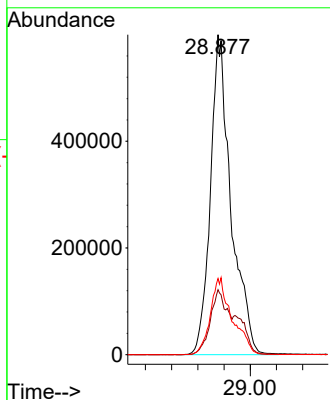
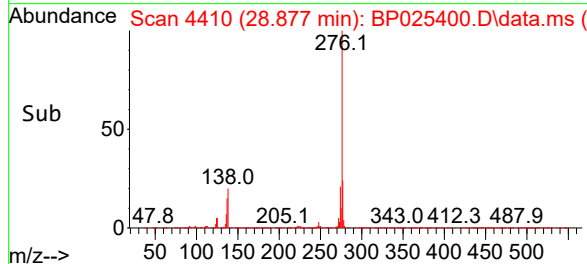
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion: 276 Resp: 326796
Ion Ratio Lower Upper
276 100
138 17.0 12.9 19.3
277 25.5 17.0 25.6

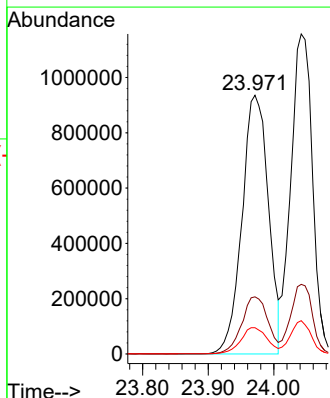
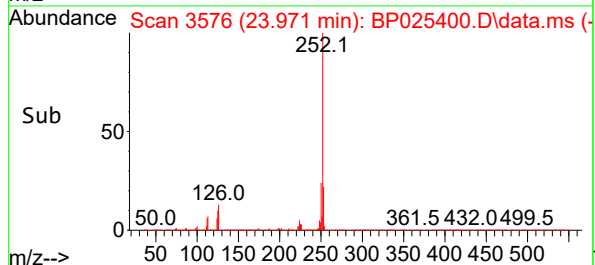
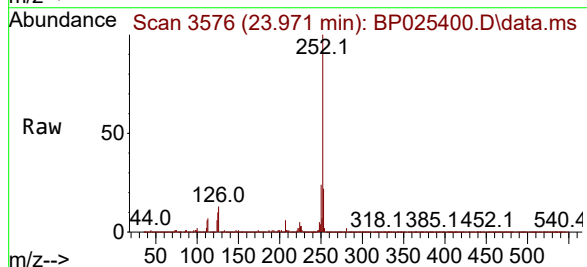
Manual Integrations
APPROVED

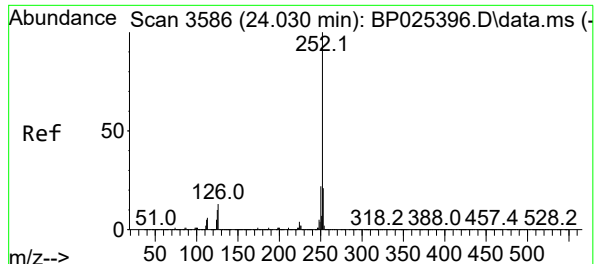
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#88
Benzo(b)fluoranthene
Concen: 36.964 ng
RT: 23.971 min Scan# 3576
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 252 Resp: 2616701
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.2 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 37.464 ng

RT: 24.042 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:252 Resp: 265390

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

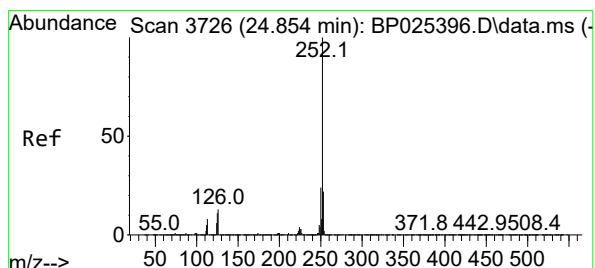
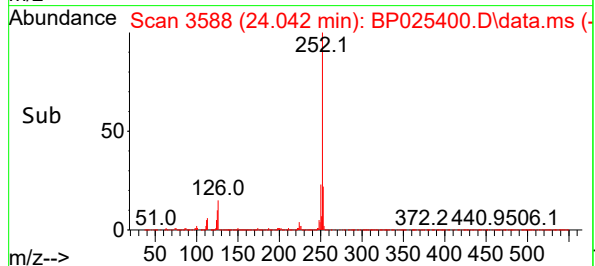
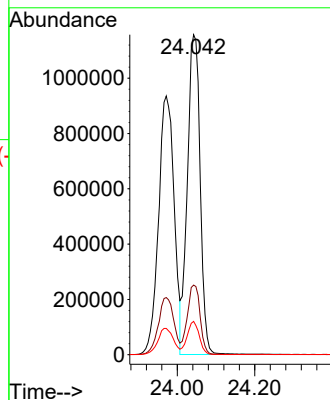
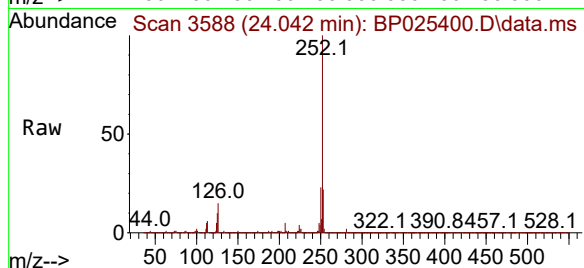
125 10.4 7.8 11.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 37.160 ng

RT: 24.871 min Scan# 3729

Delta R.T. 0.018 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

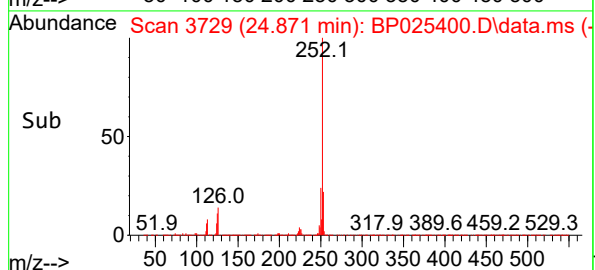
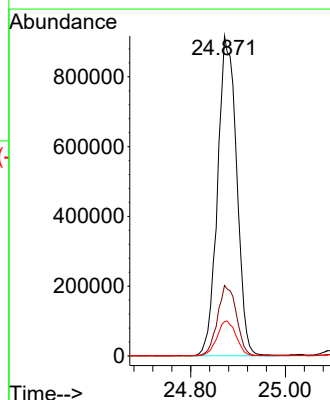
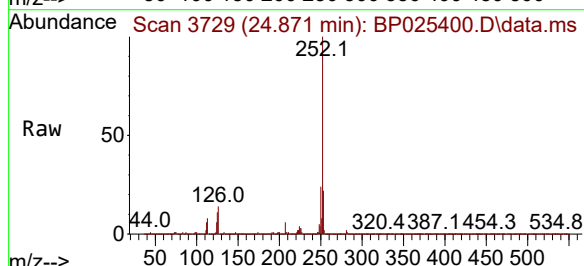
Tgt Ion:252 Resp: 2560692

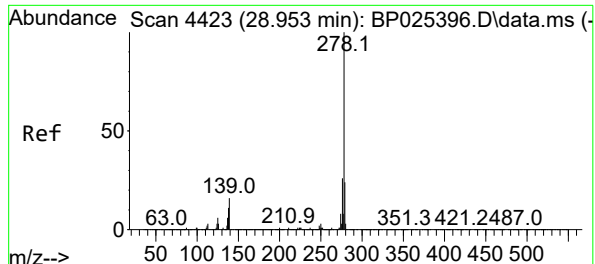
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

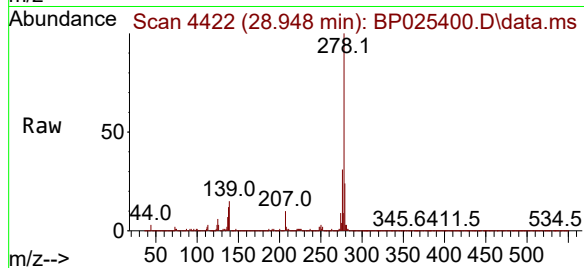
125 10.7 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 37.490 ng
RT: 28.948 min Scan# 4423
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

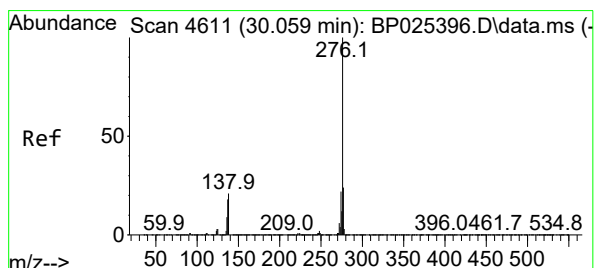
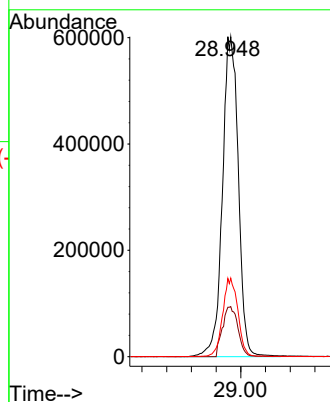
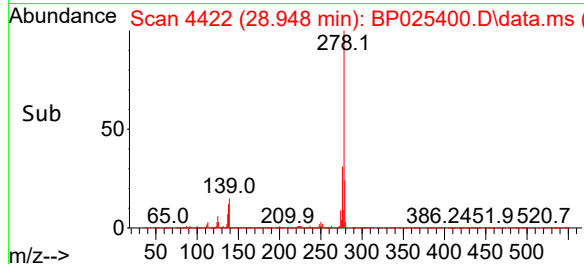
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion: 278 Resp: 2697330
Ion Ratio Lower Upper
278 100
139 15.4 13.0 19.4
279 24.4 19.4 29.2

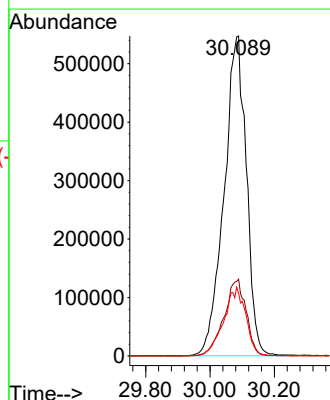
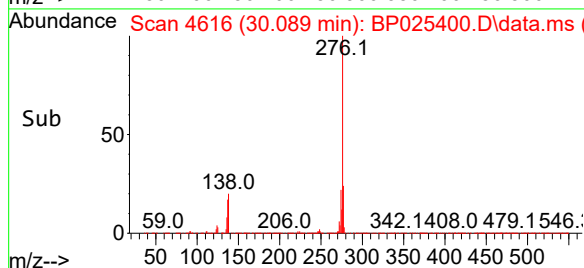
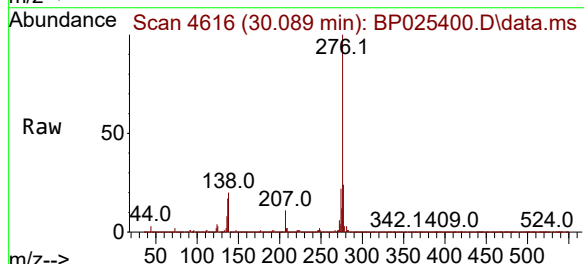
Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 37.216 ng
RT: 30.089 min Scan# 4616
Delta R.T. 0.029 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 276 Resp: 2632085
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.0
138 19.6 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025400.D
 Acq On : 14 Aug 2025 18:05
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP081425

Quant Time: Aug 14 18:24:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
2	1,4-Dioxane	0.472	0.399	15.5	99	0.00
3	Pyridine	1.291	1.159	10.2	105	0.00
4	n-Nitrosodimethylamine	0.532	0.507	4.7	109	0.00
5 S	2-Fluorophenol	1.204	1.045	13.2	99	0.00
6	Aniline	2.080	1.984	4.6	108	0.00
7 S	Phenol-d6	1.544	1.383	10.4	101	0.00
8	2-Chlorophenol	1.359	1.308	3.8	110	0.00
9	Benzaldehyde	1.082	0.923	14.7	75	0.00
10 C	Phenol	1.620	1.555	4.0	109	0.00
11	bis(2-Chloroethyl)ether	1.263	1.211	4.1	109	0.00
12	1,3-Dichlorobenzene	1.499	1.414	5.7	108	0.00
13 C	1,4-Dichlorobenzene	1.532	1.451	5.3	109	0.00
14	1,2-Dichlorobenzene	1.483	1.402	5.5	108	0.00
15	Benzyl Alcohol	1.227	1.197	2.4	111	0.00
16	2,2'-oxybis(1-Chloropropane	1.692	1.619	4.3	110	0.00
17	2-Methylphenol	1.125	1.094	2.8	109	0.00
18	Hexachloroethane	0.563	0.536	4.8	109	0.00
19 P	n-Nitroso-di-n-propylamine	1.023	0.979	4.3	109	0.00
20	3+4-Methylphenols	1.560	1.506	3.5	109	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	113	0.00
22	Acetophenone	0.502	0.479	4.6	112	0.00
23 S	Nitrobenzene-d5	0.395	0.328	17.0	97	0.00
24	Nitrobenzene	0.353	0.330	6.5	108	0.00
25	Isophorone	0.700	0.662	5.4	111	0.00
26 C	2-Nitrophenol	0.181	0.176	2.8	110	0.00
27	2,4-Dimethylphenol	0.312	0.303	2.9	111	0.00
28	bis(2-Chloroethoxy)methane	0.423	0.400	5.4	111	0.00
29 C	2,4-Dichlorophenol	0.310	0.299	3.5	111	0.00
30	1,2,4-Trichlorobenzene	0.340	0.316	7.1	109	0.00
31	Naphthalene	1.040	0.973	6.4	110	0.00
32	Benzoic acid	0.230	0.220	4.3	110	0.01
33	4-Chloroaniline	0.459	0.437	4.8	109	0.00
34 C	Hexachlorobutadiene	0.211	0.196	7.1	108	0.00
35	Caprolactam	0.114	0.109	4.4	112	0.00
36 C	4-Chloro-3-methylphenol	0.355	0.345	2.8	113	0.00
37	2-Methylnaphthalene	0.676	0.640	5.3	111	0.00
38	1-Methylnaphthalene	0.719	0.675	6.1	111	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	114	0.00
40	1,2,4,5-Tetrachlorobenzene	0.578	0.547	5.4	111	0.00
41 P	Hexachlorocyclopentadiene	0.349	0.350	-0.3	115	0.00
42 S	2,4,6-Tribromophenol	0.269	0.241	10.4	105	0.00
43 C	2,4,6-Trichlorophenol	0.390	0.380	2.6	113	0.00
44	2,4,5-Trichlorophenol	0.427	0.418	2.1	112	0.00
45 S	2-Fluorobiphenyl	1.463	1.208	17.4	99	0.00
46	1,1'-Biphenyl	1.453	1.368	5.8	111	0.00
47	2-Chloronaphthalene	1.131	1.065	5.8	110	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025400.D
 Acq On : 14 Aug 2025 18:05
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP081425

Quant Time: Aug 14 18:24:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.329	0.322	2.1	111	0.00
49	Acenaphthylene	1.871	1.764	5.7	111	0.00
50	Dimethylphthalate	1.465	1.398	4.6	114	0.00
51	2,6-Dinitrotoluene	0.309	0.303	1.9	112	0.00
52 C	Acenaphthene	1.098	1.011	7.9	111	0.00
53	3-Nitroaniline	0.347	0.348	-0.3	116	0.00
54 P	2,4-Dinitrophenol	0.165	0.172	-4.2	120	0.00
55	Dibenzofuran	1.736	1.620	6.7	110	0.00
56 P	4-Nitrophenol	0.285	0.283	0.7	115	0.00
57	2,4-Dinitrotoluene	0.440	0.445	-1.1	116	0.00
58	Fluorene	1.370	1.267	7.5	111	0.01
59	2,3,4,6-Tetrachlorophenol	0.377	0.369	2.1	115	0.00
60	Diethylphthalate	1.488	1.407	5.4	112	0.00
61	4-Chlorophenyl-phenylether	0.681	0.623	8.5	109	0.01
62	4-Nitroaniline	0.356	0.345	3.1	112	0.00
63	Azobenzene	1.274	1.227	3.7	113	0.01
64 I	Phenanthrene-d10	1.000	1.000	0.0	117	0.01
65	4,6-Dinitro-2-methylphenol	0.125	0.124	0.8	118	0.00
66 c	n-Nitrosodiphenylamine	0.610	0.568	6.9	112	0.00
67	4-Bromophenyl-phenylether	0.220	0.204	7.3	112	0.00
68	Hexachlorobenzene	0.255	0.236	7.5	114	0.01
69	Atrazine	0.228	0.217	4.8	116	0.00
70 C	Pentachlorophenol	0.161	0.156	3.1	116	0.01
71	Phenanthrene	1.099	1.001	8.9	113	0.01
72	Anthracene	1.122	1.054	6.1	114	0.00
73	Carbazole	1.057	0.981	7.2	114	0.00
74	Di-n-butylphthalate	1.300	1.222	6.0	115	0.02
75 C	Fluoranthene	1.311	1.228	6.3	117	0.02
76 I	Chrysene-d12	1.000	1.000	0.0	118	0.00
77	Benzydine	0.683	0.721	-5.6	88	0.00
78	Pyrene	1.300	1.216	6.5	113	0.01
79 S	Terphenyl-d14	1.093	0.907	17.0	102	0.02
80	Butylbenzylphthalate	0.589	0.566	3.9	115	0.01
81	Benzo(a)anthracene	1.319	1.218	7.7	113	0.00
82	3,3'-Dichlorobenzidine	0.497	0.473	4.8	114	0.01
83	Chrysene	1.235	1.153	6.6	115	0.00
84	Bis(2-ethylhexyl)phthalate	0.867	0.840	3.1	119	0.00
85 c	Di-n-octyl phthalate	1.492	1.414	5.2	115	0.00
86 I	Perylene-d12	1.000	1.000	0.0	117	0.00
87	Indeno(1,2,3-cd)pyrene	1.467	1.361	7.2	113	0.01
88	Benzo(b)fluoranthene	1.179	1.090	7.5	113	0.02
89	Benzo(k)fluoranthene	1.180	1.105	6.4	115	0.01
90 C	Benzo(a)pyrene	1.148	1.066	7.1	113	0.02
91	Dibenzo(a,h)anthracene	1.199	1.123	6.3	114	0.00
92	Benzo(g,h,i)perylene	1.178	1.096	7.0	113	0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025400.D
 Acq On : 14 Aug 2025 18:05
 Operator : CG/JU
 Sample : SSTDICV040
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 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP081425

Quant Time: Aug 14 18:24:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	110	0.00
2	1,4-Dioxane	40.000	33.792	15.5	99	0.00
3	Pyridine	40.000	35.901	10.2	105	0.00
4	n-Nitrosodimethylamine	40.000	38.115	4.7	109	0.00
5 S	2-Fluorophenol	80.000	69.430	13.2	99	0.00
6	Aniline	40.000	38.147	4.6	108	0.00
7 S	Phenol-d6	80.000	71.663	10.4	101	0.00
8	2-Chlorophenol	40.000	38.501	3.7	110	0.00
9	Benzaldehyde	40.000	34.142	14.6	75	0.00
10 C	Phenol	40.000	38.388	4.0	109	0.00
11	bis(2-Chloroethyl)ether	40.000	38.348	4.1	109	0.00
12	1,3-Dichlorobenzene	40.000	37.738	5.7	108	0.00
13 C	1,4-Dichlorobenzene	40.000	37.890	5.3	109	0.00
14	1,2-Dichlorobenzene	40.000	37.818	5.5	108	0.00
15	Benzyl Alcohol	40.000	39.025	2.4	111	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	38.271	4.3	110	0.00
17	2-Methylphenol	40.000	38.877	2.8	109	0.00
18	Hexachloroethane	40.000	38.103	4.7	109	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	38.270	4.3	109	0.00
20	3+4-Methylphenols	40.000	38.620	3.5	109	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	113	0.00
22	Acetophenone	40.000	38.216	4.5	112	0.00
23 S	Nitrobenzene-d5	80.000	66.391	17.0	97	0.00
24	Nitrobenzene	40.000	37.313	6.7	108	0.00
25	Isophorone	40.000	37.855	5.4	111	0.00
26 C	2-Nitrophenol	40.000	38.722	3.2	110	0.00
27	2,4-Dimethylphenol	40.000	38.910	2.7	111	0.00
28	bis(2-Chloroethoxy)methane	40.000	37.816	5.5	111	0.00
29 C	2,4-Dichlorophenol	40.000	38.649	3.4	111	0.00
30	1,2,4-Trichlorobenzene	40.000	37.231	6.9	109	0.00
31	Naphthalene	40.000	37.431	6.4	110	0.00
32	Benzoic acid	40.000	38.242	4.4	110	0.01
33	4-Chloroaniline	40.000	38.043	4.9	109	0.00
34 C	Hexachlorobutadiene	40.000	37.031	7.4	108	0.00
35	Caprolactam	40.000	38.310	4.2	112	0.00
36 C	4-Chloro-3-methylphenol	40.000	38.789	3.0	113	0.00
37	2-Methylnaphthalene	40.000	37.845	5.4	111	0.00
38	1-Methylnaphthalene	40.000	37.539	6.2	111	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	114	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	37.895	5.3	111	0.00
41 P	Hexachlorocyclopentadiene	40.000	40.074	-0.2	115	0.00
42 S	2,4,6-Tribromophenol	80.000	71.582	10.5	105	0.00
43 C	2,4,6-Trichlorophenol	40.000	38.972	2.6	113	0.00
44	2,4,5-Trichlorophenol	40.000	39.108	2.2	112	0.00
45 S	2-Fluorobiphenyl	80.000	66.016	17.5	99	0.00
46	1,1'-Biphenyl	40.000	37.672	5.8	111	0.00
47	2-Chloronaphthalene	40.000	37.682	5.8	110	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025400.D
 Acq On : 14 Aug 2025 18:05
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP081425

Quant Time: Aug 14 18:24:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	39.081	2.3	111	0.00
49	Acenaphthylene	40.000	37.720	5.7	111	0.00
50	Dimethylphthalate	40.000	38.170	4.6	114	0.00
51	2,6-Dinitrotoluene	40.000	39.211	2.0	112	0.00
52 C	Acenaphthene	40.000	36.837	7.9	111	0.00
53	3-Nitroaniline	40.000	40.027	-0.1	116	0.00
54 P	2,4-Dinitrophenol	40.000	41.646	-4.1	120	0.00
55	Dibenzofuran	40.000	37.324	6.7	110	0.00
56 P	4-Nitrophenol	40.000	39.630	0.9	115	0.00
57	2,4-Dinitrotoluene	40.000	40.439	-1.1	116	0.00
58	Fluorene	40.000	36.992	7.5	111	0.01
59	2,3,4,6-Tetrachlorophenol	40.000	39.147	2.1	115	0.00
60	Diethylphthalate	40.000	37.810	5.5	112	0.00
61	4-Chlorophenyl-phenylether	40.000	36.596	8.5	109	0.01
62	4-Nitroaniline	40.000	38.717	3.2	112	0.00
63	Azobenzene	40.000	38.526	3.7	113	0.01
64 I	Phenanthrene-d10	20.000	20.000	0.0	117	0.01
65	4,6-Dinitro-2-methylphenol	40.000	39.721	0.7	118	0.00
66 c	n-Nitrosodiphenylamine	40.000	37.227	6.9	112	0.00
67	4-Bromophenyl-phenylether	40.000	37.101	7.2	112	0.00
68	Hexachlorobenzene	40.000	37.062	7.3	114	0.01
69	Atrazine	40.000	38.057	4.9	116	0.00
70 C	Pentachlorophenol	40.000	38.733	3.2	116	0.01
71	Phenanthrene	40.000	36.445	8.9	113	0.01
72	Anthracene	40.000	37.563	6.1	114	0.00
73	Carbazole	40.000	37.116	7.2	114	0.00
74	Di-n-butylphthalate	40.000	37.602	6.0	115	0.02
75 C	Fluoranthene	40.000	37.481	6.3	117	0.02
76 I	Chrysene-d12	20.000	20.000	0.0	118	0.00
77	Benzydine	40.000	42.271	-5.7	88	0.00
78	Pyrene	40.000	37.404	6.5	113	0.01
79 S	Terphenyl-d14	80.000	66.399	17.0	102	0.02
80	Butylbenzylphthalate	40.000	38.401	4.0	115	0.01
81	Benzo(a)anthracene	40.000	36.950	7.6	113	0.00
82	3,3'-Dichlorobenzidine	40.000	38.038	4.9	114	0.01
83	Chrysene	40.000	37.353	6.6	115	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	38.729	3.2	119	0.00
85 c	Di-n-octyl phthalate	40.000	37.915	5.2	115	0.00
86 I	Perylene-d12	20.000	20.000	0.0	117	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	37.119	7.2	113	0.01
88	Benzo(b)fluoranthene	40.000	36.964	7.6	113	0.02
89	Benzo(k)fluoranthene	40.000	37.464	6.3	115	0.01
90 C	Benzo(a)pyrene	40.000	37.160	7.1	113	0.02
91	Dibenzo(a,h)anthracene	40.000	37.490	6.3	114	0.00
92	Benzo(g,h,i)perylene	40.000	37.216	7.0	113	0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ENTA05
 Lab Code: ACE SDG No.: Q2837
 Instrument ID: BNA_F Calibration Date/Time: 08/18/2025 09:06
 Lab File ID: BF143429.D Init. Calib. Date(s): 08/15/2025 08/15/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:29 17:57
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.151	1.147		-0.3	
Phenol-d6	1.450	1.436		-1.0	
Phenol	1.692	1.689		-0.2	20.0
1,4-Dichlorobenzene	1.421	1.421		0.0	20.0
Nitrobenzene-d5	0.337	0.332		-1.5	
1,2,4-Trichlorobenzene	0.288	0.283		-1.7	
Naphthalene	0.950	0.937		-1.4	
2-Fluorobiphenyl	1.189	1.141		-4.0	
2,4,6-Tribromophenol	0.178	0.181		1.7	
Terphenyl-d14	1.191	1.257		5.5	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
 Data File : BF143429.D
 Acq On : 18 Aug 2025 09:06
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 18 12:15:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	131653	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	514889	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	280712	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	444924	20.000	ng	0.00
76) Chrysene-d12	14.086	240	223862	20.000	ng	0.00
86) Perylene-d12	15.574	264	265880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	604041	79.757	ng	0.00
7) Phenol-d6	6.557	99	756026	79.211	ng	0.00
23) Nitrobenzene-d5	7.487	82	683252	78.742	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	202755	81.149	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1281342	76.776	ng	0.00
79) Terphenyl-d14	13.027	244	1126019	84.496	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	146980	40.318	ng	98
3) Pyridine	3.510	79	392034	41.002	ng	99
4) n-Nitrosodimethylamine	3.452	42	179061	40.291	ng	98
6) Aniline	6.593	93	518891	40.046	ng	100
8) 2-Chlorophenol	6.716	128	331816	39.684	ng	99
9) Benzaldehyde	6.475	77	175928	34.649	ng	99
10) Phenol	6.575	94	444676	39.926	ng	100
11) bis(2-Chloroethyl)ether	6.657	93	330567	40.041	ng	99
12) 1,3-Dichlorobenzene	6.869	146	366324	39.111	ng	99
13) 1,4-Dichlorobenzene	6.945	146	374257	40.024	ng	100
14) 1,2-Dichlorobenzene	7.098	146	352533	39.471	ng	99
15) Benzyl Alcohol	7.069	79	279823	39.755	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	560282	39.697	ng	100
17) 2-Methylphenol	7.181	107	274265	40.203	ng	99
18) Hexachloroethane	7.439	117	125190	39.332	ng	98
19) n-Nitroso-di-n-propyla...	7.340	70	231003	39.095	ng	98
20) 3+4-Methylphenols	7.334	107	331003	40.587	ng	99
22) Acetophenone	7.334	105	426111	38.491	ng	100
24) Nitrobenzene	7.504	77	361829	39.898	ng	100
25) Isophorone	7.745	82	662307	39.881	ng	99
26) 2-Nitrophenol	7.822	139	155677	37.029	ng	98
27) 2,4-Dimethylphenol	7.863	122	276223	38.859	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	402194	39.401	ng	99
29) 2,4-Dichlorophenol	8.069	162	291170	40.183	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	291877	39.312	ng	99
31) Naphthalene	8.234	128	965167	39.484	ng	100
32) Benzoic acid	7.975	122	121859	32.963	ng	99
33) 4-Chloroaniline	8.275	127	350803	39.758	ng	100
34) Hexachlorobutadiene	8.351	225	188826	39.883	ng	98
35) Caprolactam	8.645	113	85562	41.013	ng	99
36) 4-Chloro-3-methylphenol	8.757	107	297024	39.801	ng	100
37) 2-Methylnaphthalene	8.922	142	643429	39.050	ng	100
38) 1-Methylnaphthalene	9.022	142	615790	39.007	ng	99
40) 1,2,4,5-Tetrachloroben...	9.086	216	307452	39.273	ng	100
41) Hexachlorocyclopentadiene	9.081	237	97535	37.941	ng	100
43) 2,4,6-Trichlorophenol	9.198	196	191901	39.295	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
 Data File : BF143429.D
 Acq On : 18 Aug 2025 09:06
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 18 12:15:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 2025
 Response via : Initial Calibration

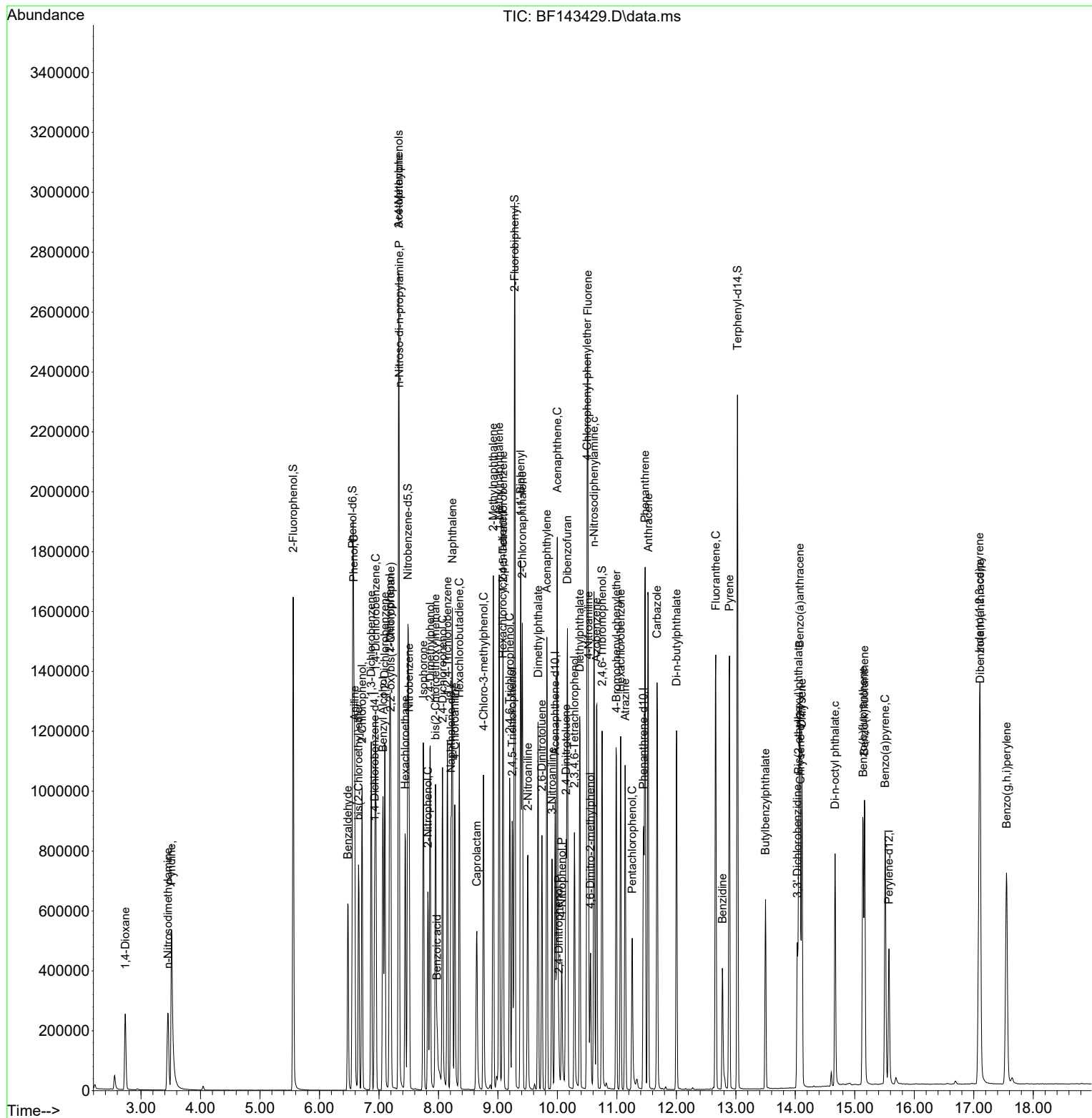
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	211642	40.430	ng	96
46) 1,1'-Biphenyl	9.381	154	772560	39.170	ng	100
47) 2-Chloronaphthalene	9.410	162	612724	39.356	ng	99
48) 2-Nitroaniline	9.504	65	183872	39.687	ng	95
49) Acenaphthylene	9.822	152	891356	39.654	ng	100
50) Dimethylphthalate	9.675	163	702928	40.165	ng	100
51) 2,6-Dinitrotoluene	9.739	165	141282	40.951	ng	99
52) Acenaphthene	9.998	154	591370	39.115	ng	100
53) 3-Nitroaniline	9.910	138	159737	41.565	ng	100
54) 2,4-Dinitrophenol	10.022	184	46856	32.877	ng	99
55) Dibenzofuran	10.169	168	860223	39.442	ng	99
56) 4-Nitrophenol	10.075	139	98531	40.781	ng	98
57) 2,4-Dinitrotoluene	10.145	165	193875	42.149	ng	99
58) Fluorene	10.510	166	653929	39.029	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	159517	40.256	ng	97
60) Diethylphthalate	10.375	149	651738	40.299	ng	100
61) 4-Chlorophenyl-phenyle...	10.498	204	330221	39.864	ng	99
62) 4-Nitroaniline	10.522	138	150843	41.970	ng	97
63) Azobenzene	10.657	77	662810	40.549	ng	98
65) 4,6-Dinitro-2-methylph...	10.557	198	82955	36.136	ng	97
66) n-Nitrosodiphenylamine	10.616	169	567036	39.195	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	208080	39.604	ng	100
68) Hexachlorobenzene	11.063	284	219775	39.348	ng	100
69) Atrazine	11.139	200	174661	41.277	ng	100
70) Pentachlorophenol	11.257	266	101440	41.297	ng	99
71) Phenanthrene	11.475	178	930142	38.606	ng	100
72) Anthracene	11.527	178	948346	38.971	ng	100
73) Carbazole	11.675	167	801523	38.944	ng	100
74) Di-n-butylphthalate	12.004	149	848115	41.381	ng	100
75) Fluoranthene	12.663	202	838319	39.159	ng	100
77) Benzidine	12.774	184	243797	36.469	ng	99
78) Pyrene	12.892	202	839274	43.134	ng	99
80) Butylbenzylphthalate	13.498	149	192746	39.994	ng	100
81) Benzo(a)anthracene	14.074	228	561206	39.377	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	157427	37.726	ng	99
83) Chrysene	14.110	228	520801	39.527	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	268833	39.279	ng	99
85) Di-n-octyl phthalate	14.668	149	520946	37.527	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	812459	40.748	ng	100
88) Benzo(b)fluoranthene	15.139	252	582964	40.909	ng	99
89) Benzo(k)fluoranthene	15.163	252	534086	37.999	ng	99
90) Benzo(a)pyrene	15.510	252	544481	40.116	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	653257	40.799	ng	99
92) Benzo(g,h,i)perylene	17.551	276	656182	41.024	ng	99

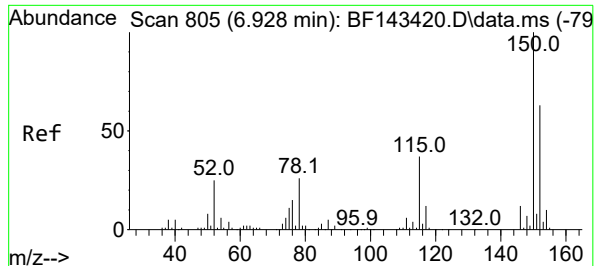
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143429.D
Acq On : 18 Aug 2025 09:06
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 18 12:15:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

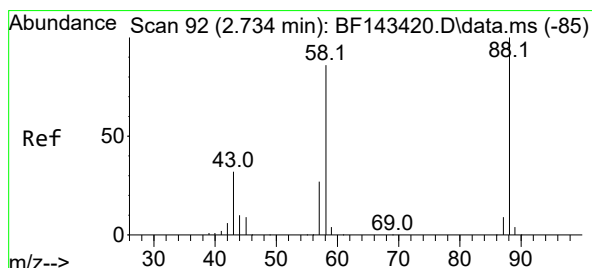
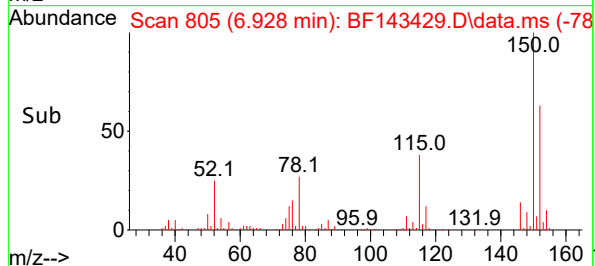
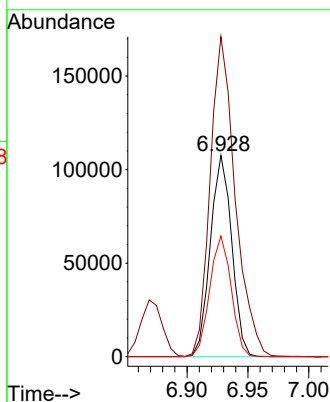
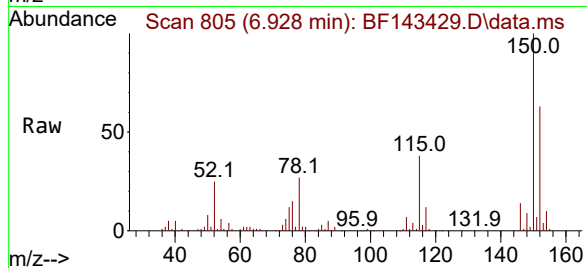




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

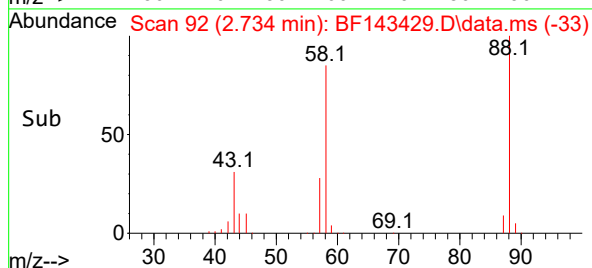
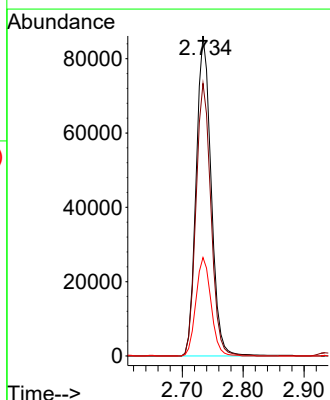
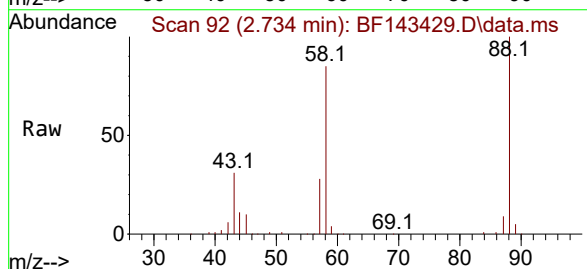
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

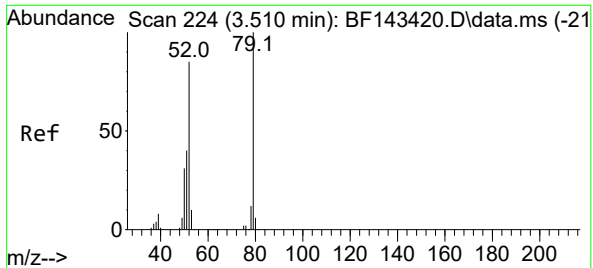
Tgt Ion:152 Resp: 131653
Ion Ratio Lower Upper
152 100
150 159.0 127.4 191.2
115 59.9 47.5 71.3



#2
1,4-Dioxane
Concen: 40.318 ng
RT: 2.734 min Scan# 92
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion: 88 Resp: 146980
Ion Ratio Lower Upper
88 100
58 84.7 68.7 103.1
43 30.9 26.1 39.1

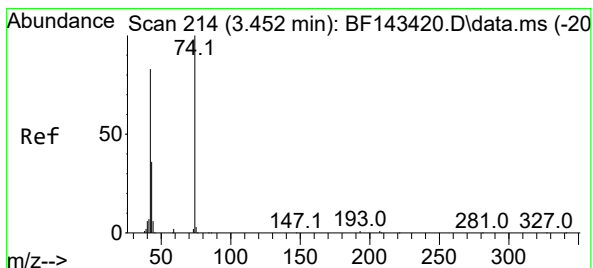
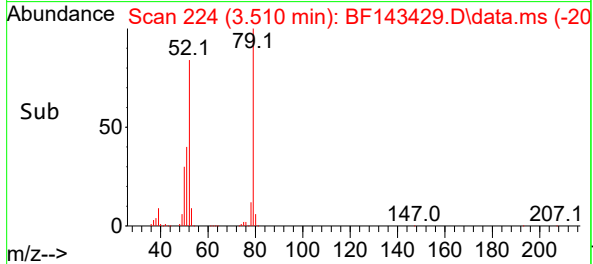
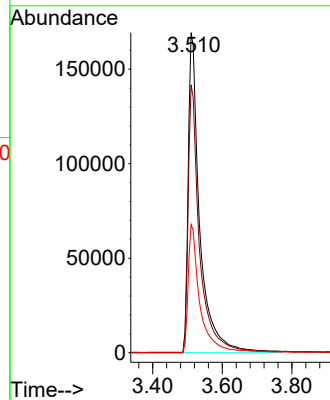
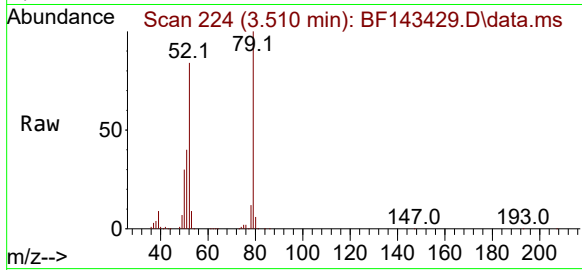




#3
Pyridine
Concen: 41.002 ng
RT: 3.510 min Scan# 214
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

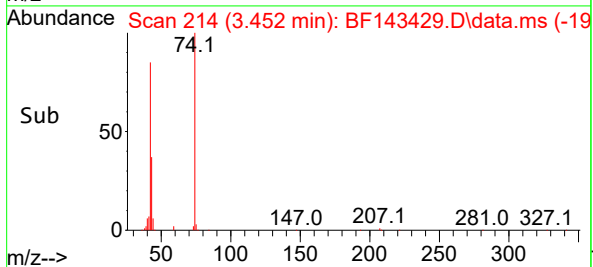
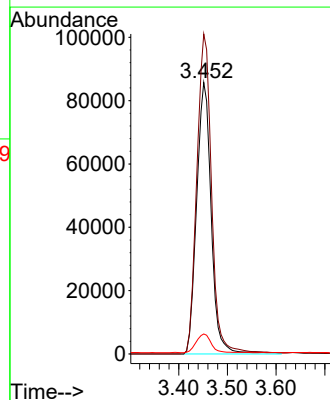
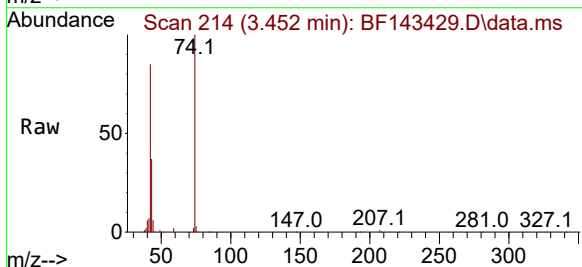
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ClientSampleId :
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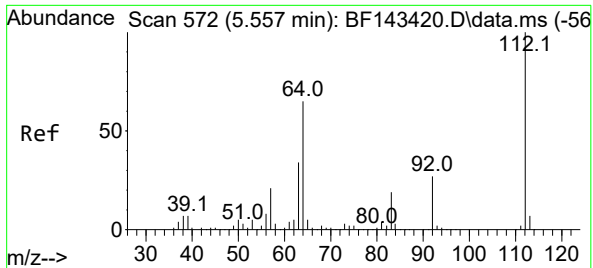
Tgt Ion: 79 Resp: 392034
Ion Ratio Lower Upper
79 100
52 83.7 67.7 101.5
51 40.1 32.3 48.5



#4
n-Nitrosodimethylamine
Concen: 40.291 ng
RT: 3.452 min Scan# 214
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion: 42 Resp: 179061
Ion Ratio Lower Upper
42 100
74 117.9 96.2 144.4
44 7.4 5.9 8.9

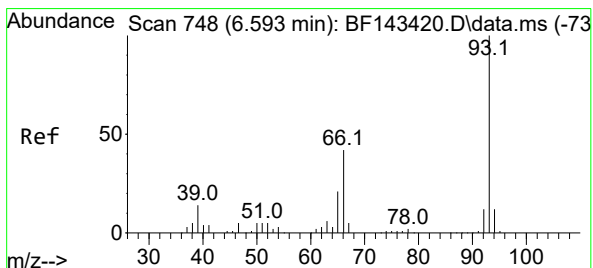
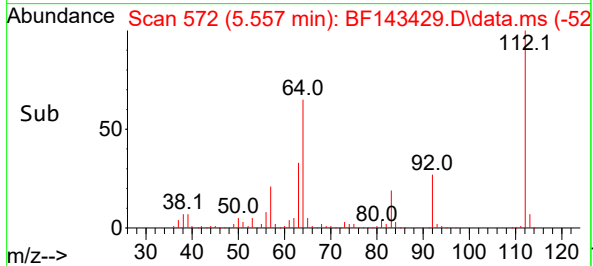
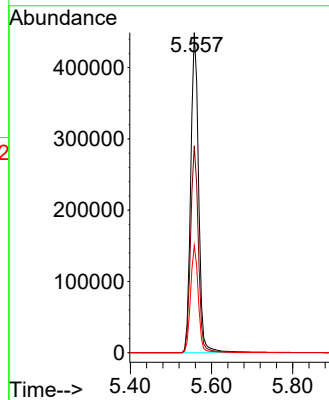
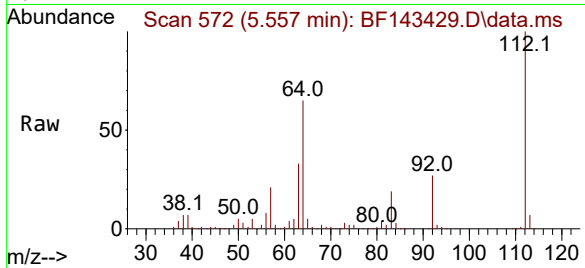




#5
2-Fluorophenol
Concen: 79.757 ng
RT: 5.557 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

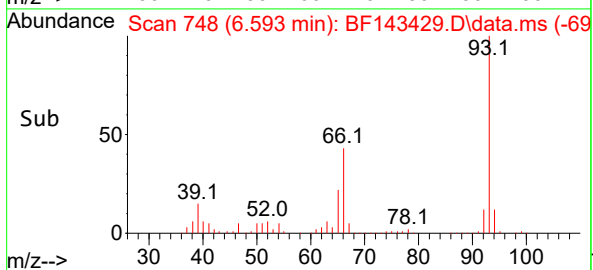
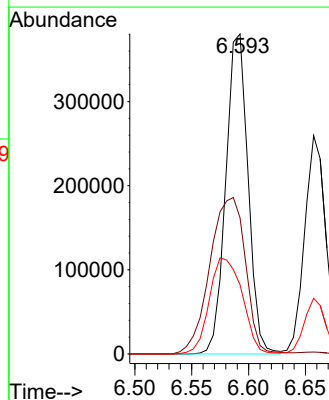
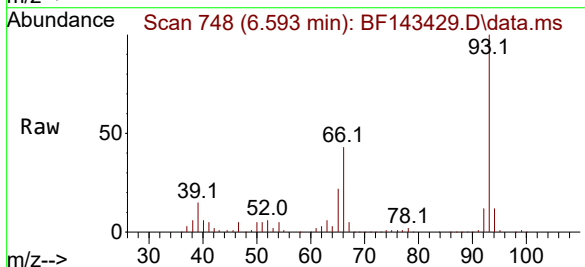
Instrument :
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ClientSampleId :
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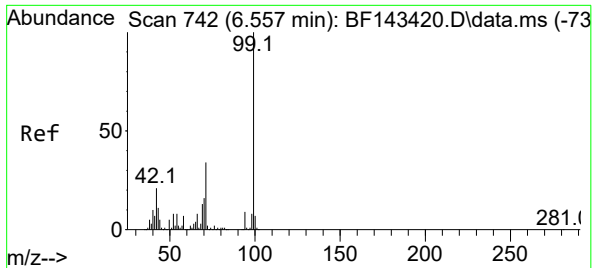
Tgt Ion:112 Resp: 604041
Ion Ratio Lower Upper
112 100
64 64.7 52.2 78.2
63 33.5 27.0 40.6



#6
Aniline
Concen: 40.046 ng
RT: 6.593 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion: 93 Resp: 518891
Ion Ratio Lower Upper
93 100
66 42.6 33.8 50.8
65 21.6 17.2 25.8

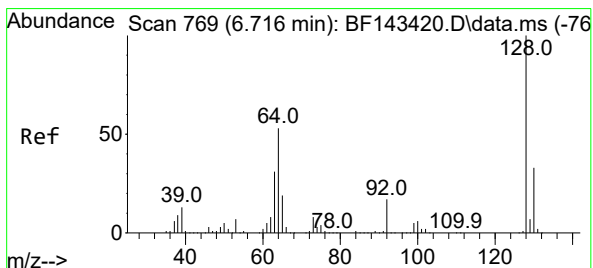
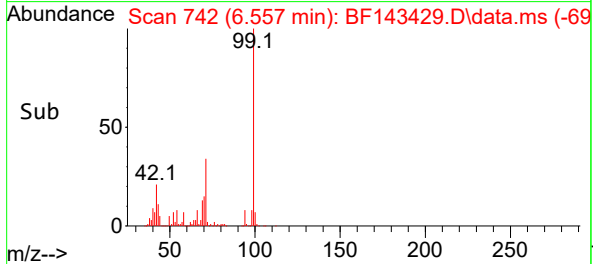
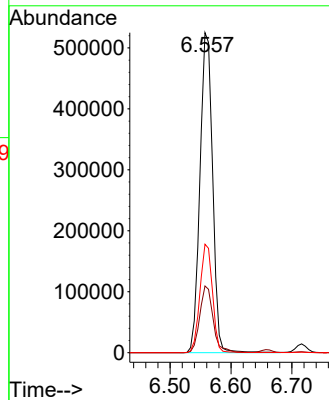
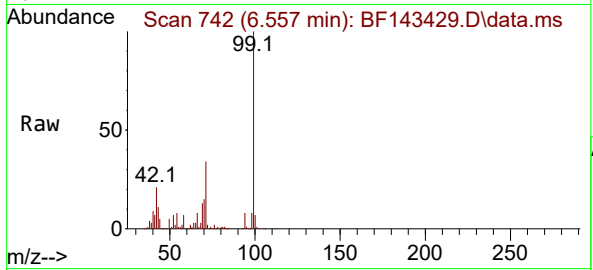




#7
Phenol-d6
Concen: 79.211 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

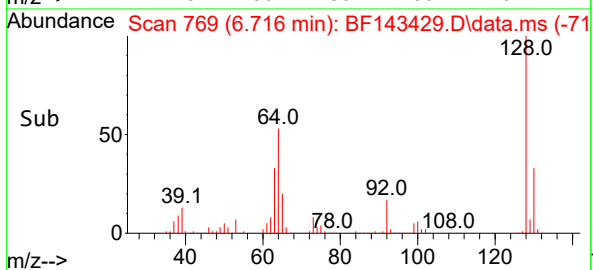
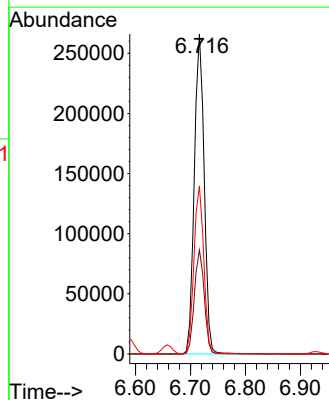
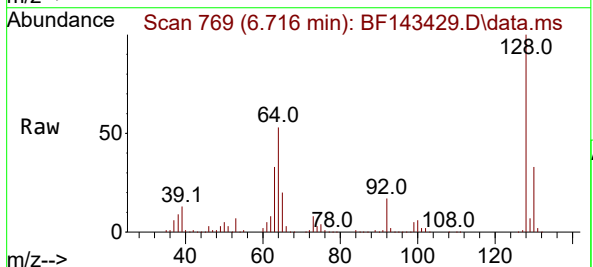
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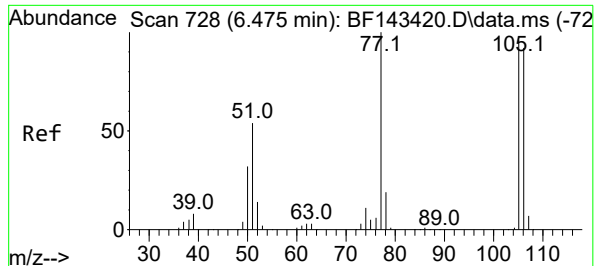
Tgt Ion: 99 Resp: 756026
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 33.9 27.4 41.2



#8
2-Chlorophenol
Concen: 39.684 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion: 128 Resp: 331816
Ion Ratio Lower Upper
128 100
130 32.5 12.9 52.9
64 52.5 33.1 73.1

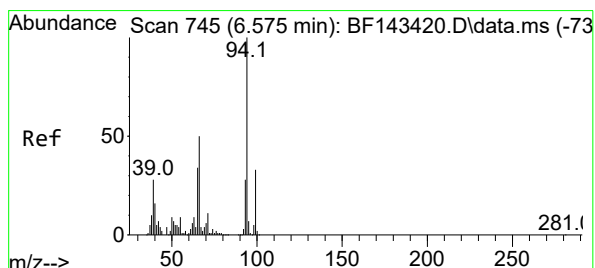
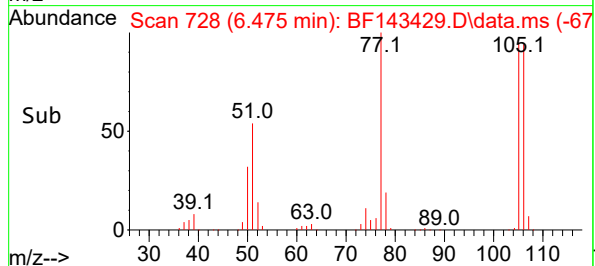
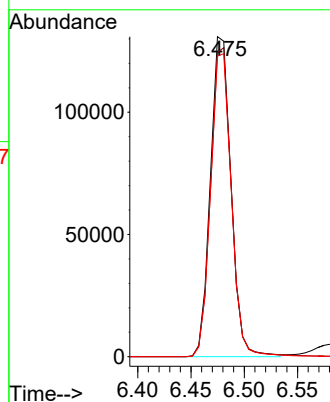
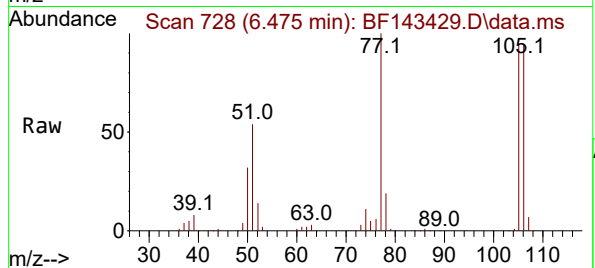




#9
Benzaldehyde
Concen: 34.649 ng
RT: 6.475 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

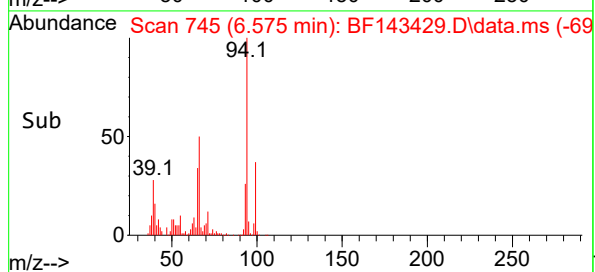
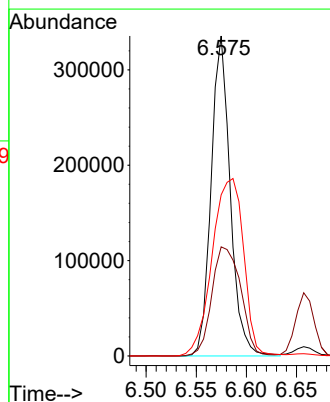
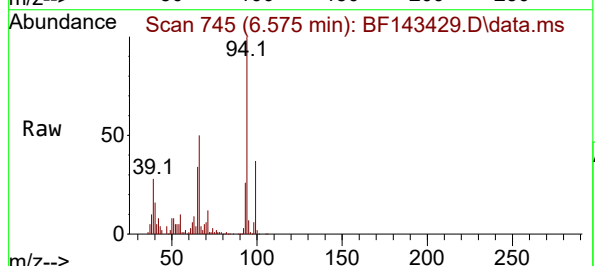
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ClientSampleId :
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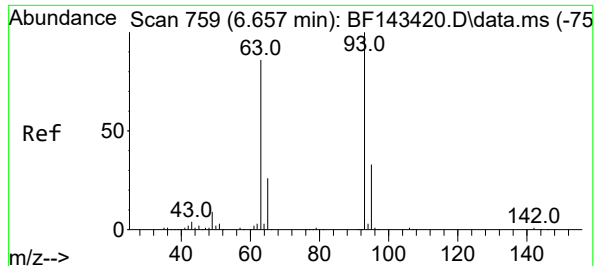
Tgt Ion: 77 Resp: 175928
Ion Ratio Lower Upper
77 100
105 95.1 75.5 115.5
106 93.9 72.0 112.0



#10
Phenol
Concen: 39.926 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion: 94 Resp: 444676
Ion Ratio Lower Upper
94 100
65 34.1 13.7 53.7
66 50.3 30.3 70.3

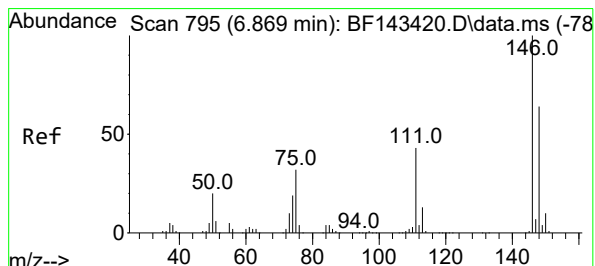
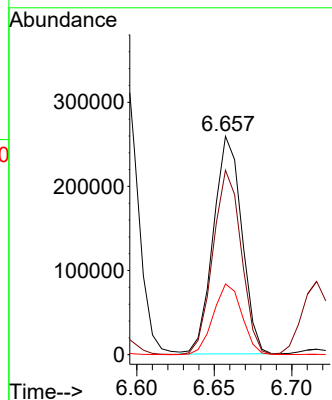
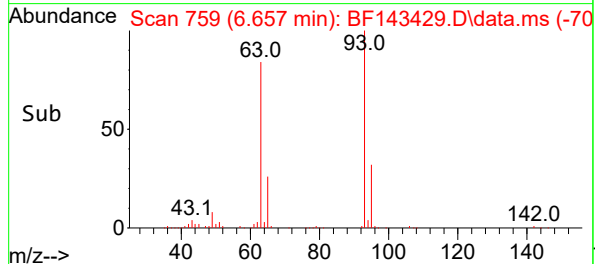
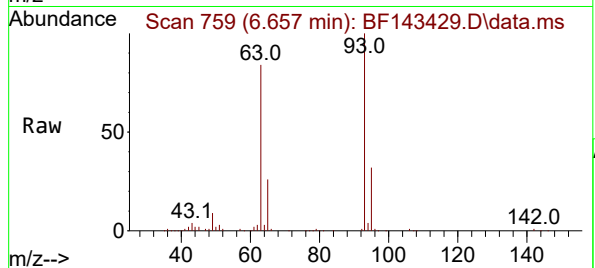




#11
bis(2-Chloroethyl)ether
Concen: 40.041 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

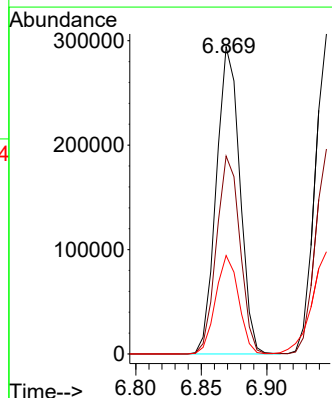
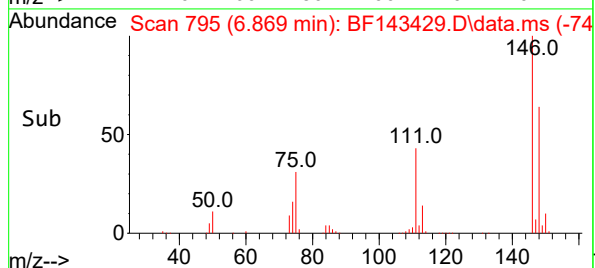
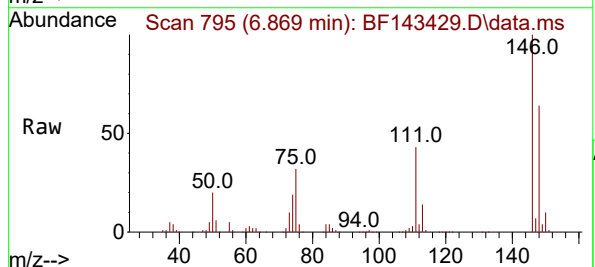
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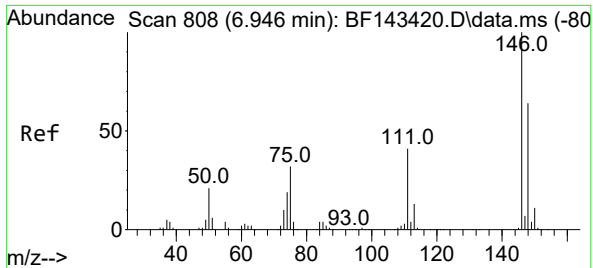
Tgt Ion: 93 Resp: 330567
Ion Ratio Lower Upper
93 100
63 84.5 65.4 105.4
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.111 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion: 146 Resp: 366324
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
75 32.1 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 40.024 ng

RT: 6.945 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

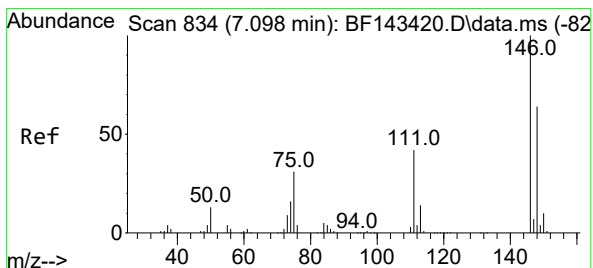
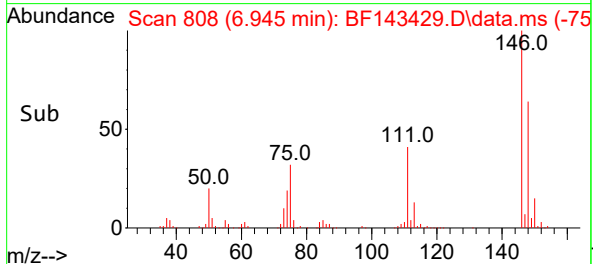
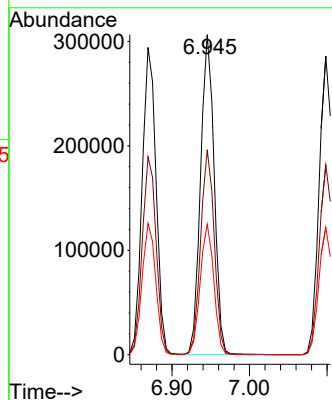
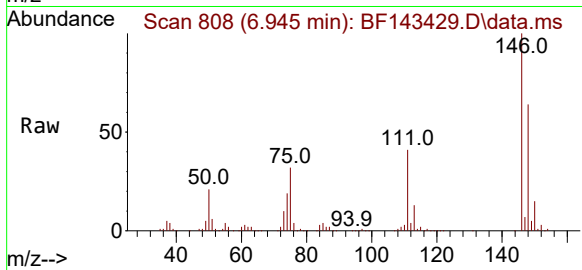
Tgt Ion:146 Resp: 374257

Ion Ratio Lower Upper

146 100

148 64.1 51.1 76.7

111 40.8 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 39.471 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

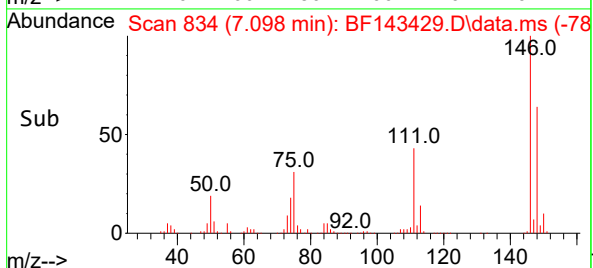
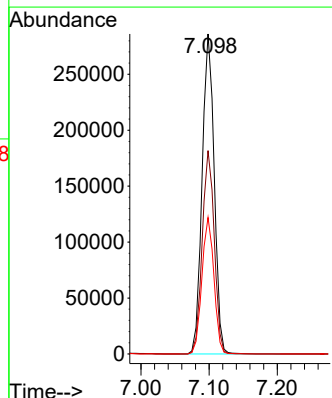
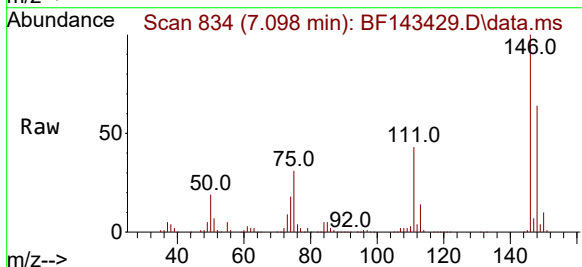
Tgt Ion:146 Resp: 352533

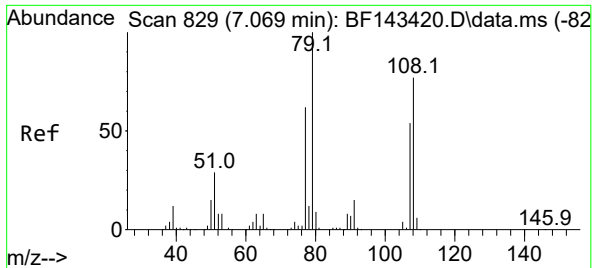
Ion Ratio Lower Upper

146 100

148 63.5 51.4 77.0

111 42.6 33.9 50.9





#15

Benzyl Alcohol

Concen: 39.755 ng

RT: 7.069 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

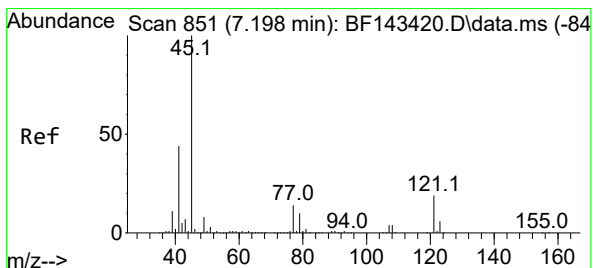
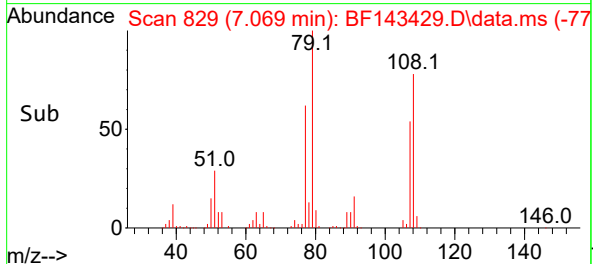
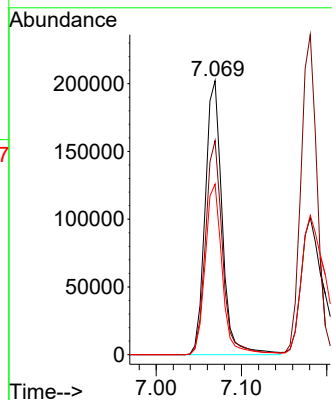
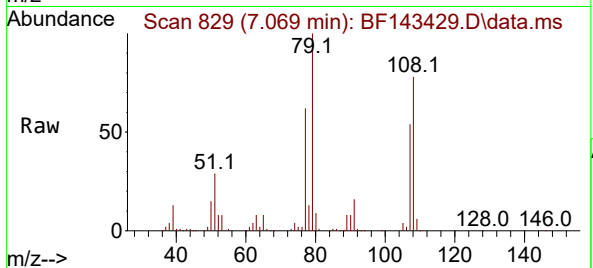
Tgt Ion: 79 Resp: 279823

Ion Ratio Lower Upper

79 100

108 78.1 61.9 92.9

77 62.3 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.697 ng

RT: 7.198 min Scan# 851

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

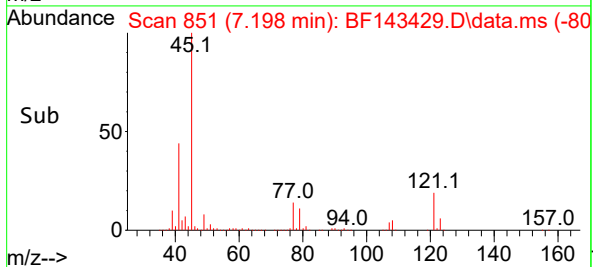
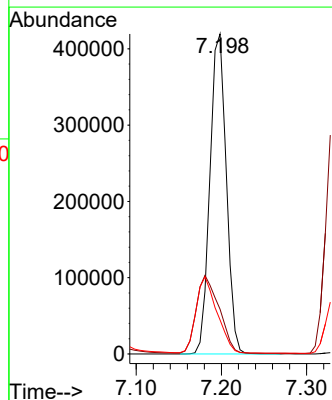
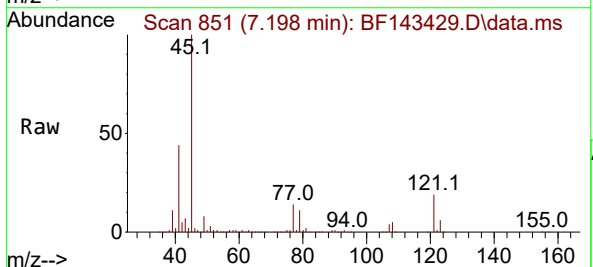
Tgt Ion: 45 Resp: 560282

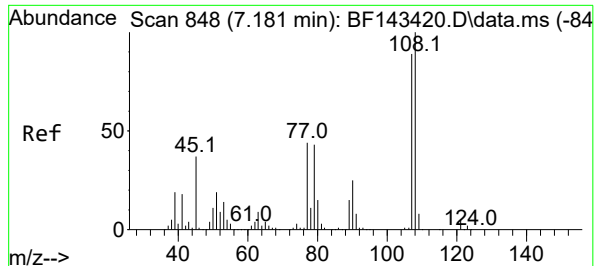
Ion Ratio Lower Upper

45 100

77 14.0 0.0 33.9

79 10.7 0.0 30.7

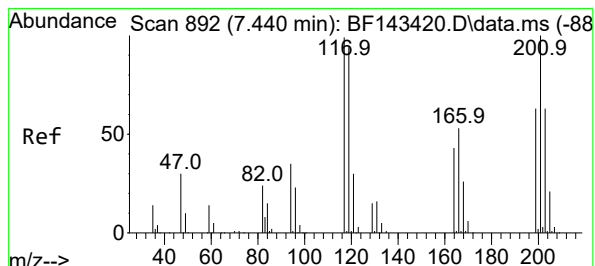
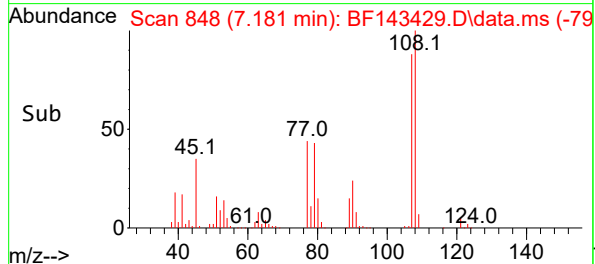
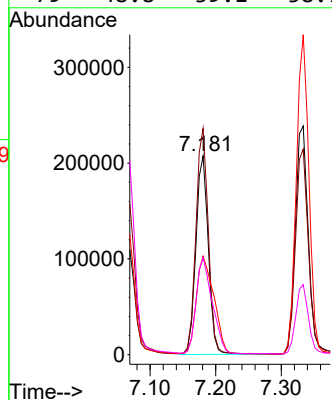
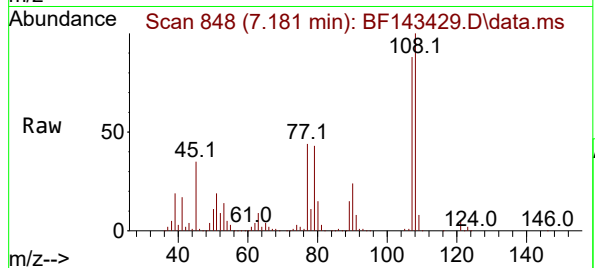




#17
2-Methylphenol
Concen: 40.203 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

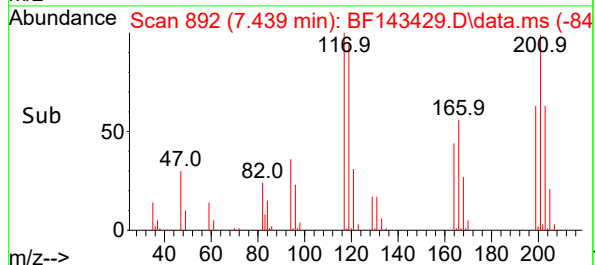
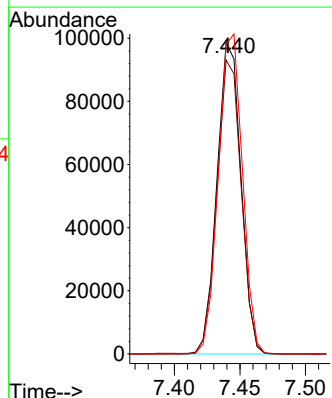
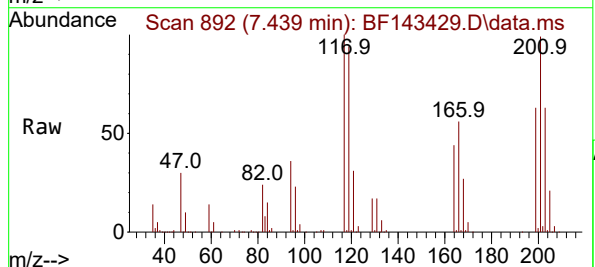
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

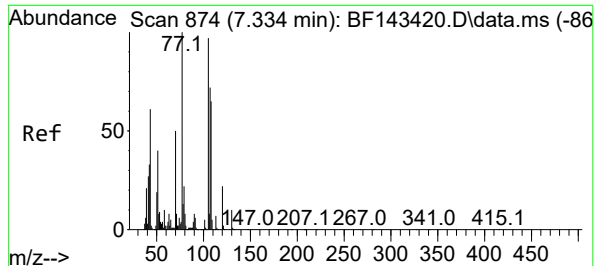
Tgt Ion:107 Resp: 274265
Ion Ratio Lower Upper
107 100
108 113.8 90.1 135.1
77 49.6 39.9 59.9
79 48.8 39.1 58.7



#18
Hexachloroethane
Concen: 39.332 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:117 Resp: 125190
Ion Ratio Lower Upper
117 100
119 94.4 76.6 114.8
201 99.3 81.0 121.4





#19

n-Nitroso-di-n-propylamine

Concen: 39.095 ng

RT: 7.340 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 231003

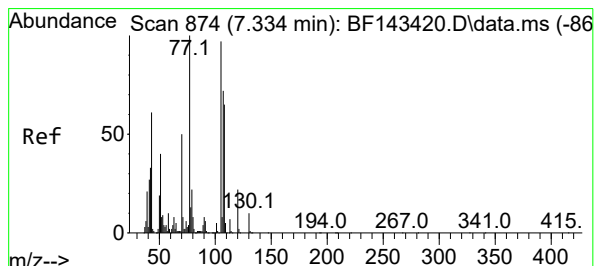
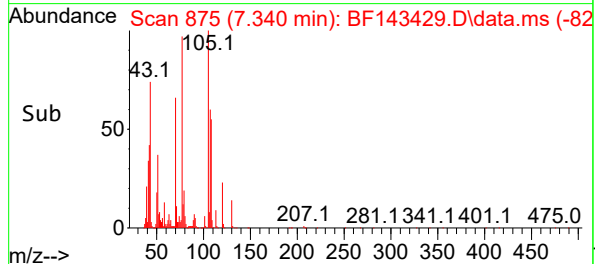
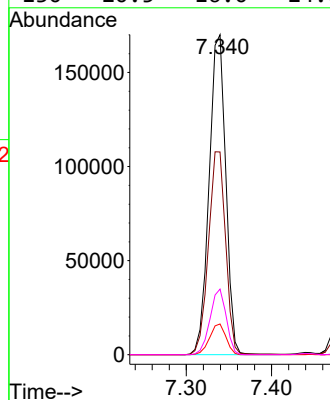
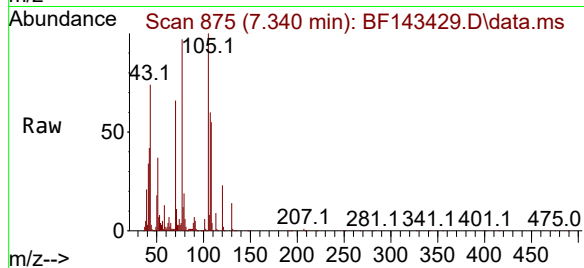
Ion Ratio Lower Upper

70 100

42 63.4 52.5 78.7

101 9.6 7.9 11.9

130 20.5 16.0 24.0



#20

3+4-Methylphenols

Concen: 40.587 ng

RT: 7.334 min Scan# 874

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Tgt Ion: 107 Resp: 331003

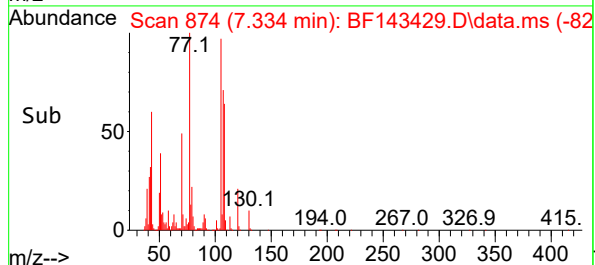
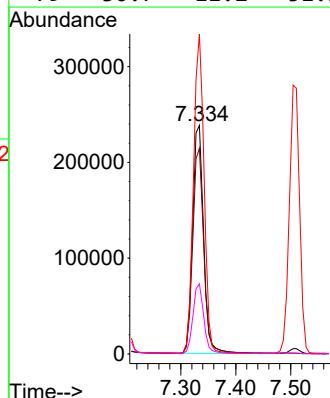
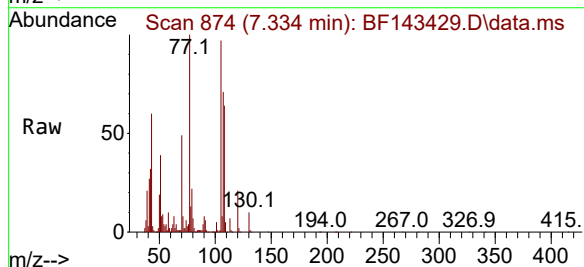
Ion Ratio Lower Upper

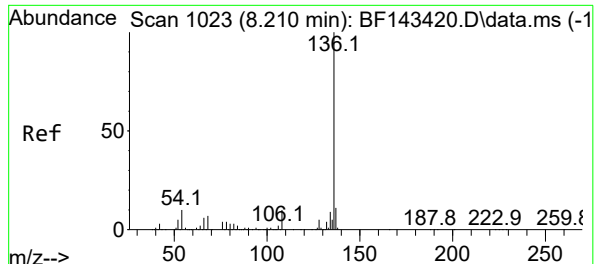
107 100

108 90.0 70.8 110.8

77 140.0 119.1 159.1

79 30.7 11.2 51.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF143429.D

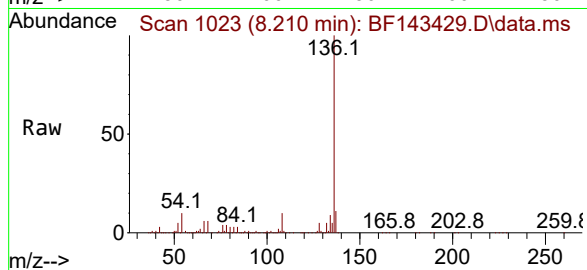
Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:136 Resp: 514889

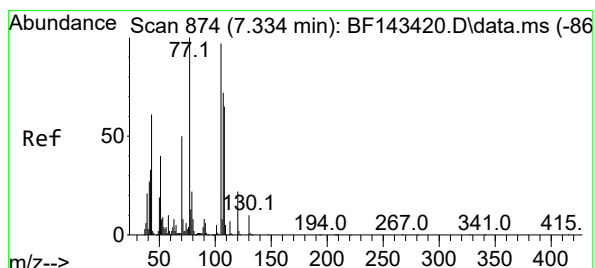
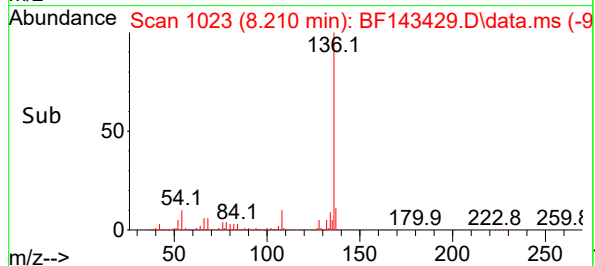
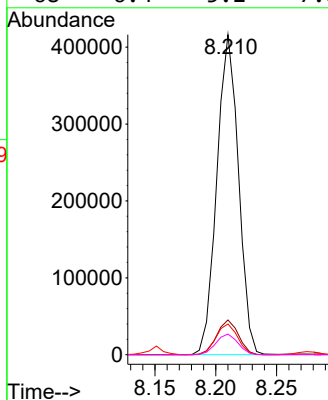
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.6 7.8 11.8

68 6.4 5.2 7.8



#22

Acetophenone

Concen: 38.491 ng

RT: 7.334 min Scan# 874

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Tgt Ion:105 Resp: 426111

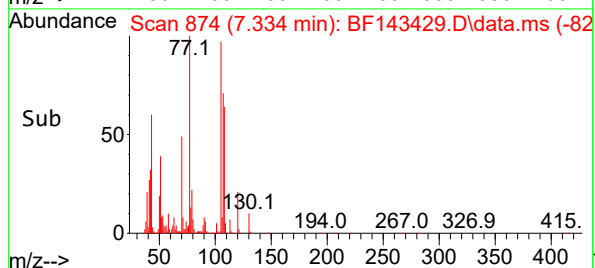
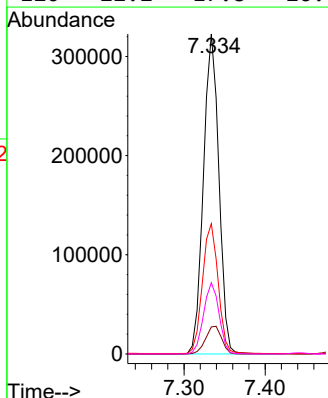
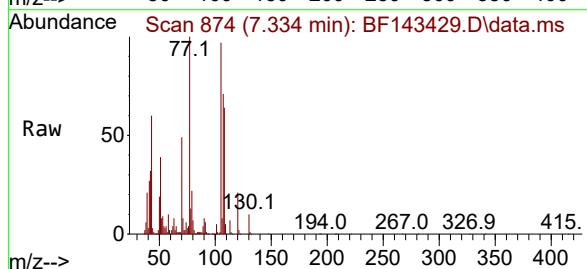
Ion Ratio Lower Upper

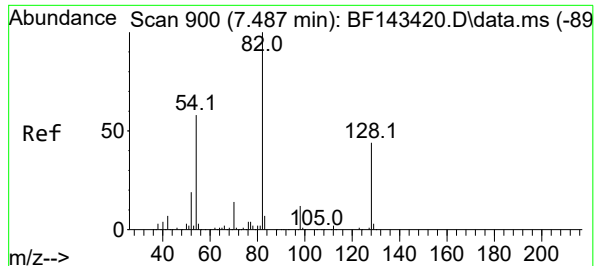
105 100

71 8.4 7.0 10.4

51 40.7 32.7 49.1

120 22.2 17.8 26.8





#23

Nitrobenzene-d5

Concen: 78.742 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

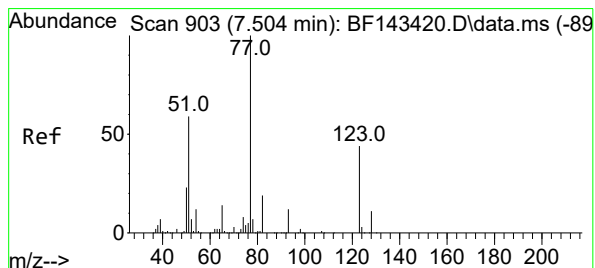
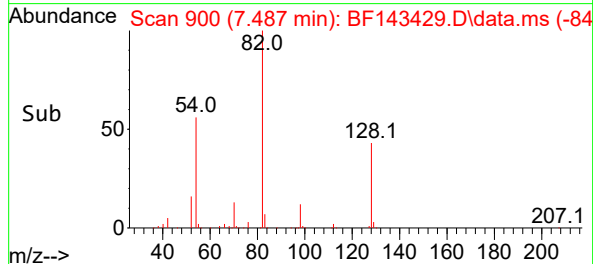
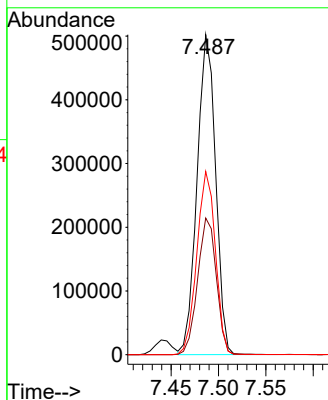
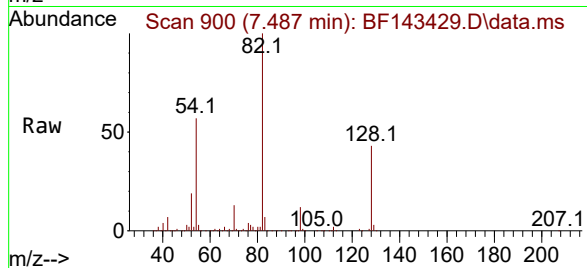
Tgt Ion: 82 Resp: 683252

Ion Ratio Lower Upper

82 100

128 42.7 34.6 52.0

54 57.2 46.0 69.0



#24

Nitrobenzene

Concen: 39.898 ng

RT: 7.504 min Scan# 903

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

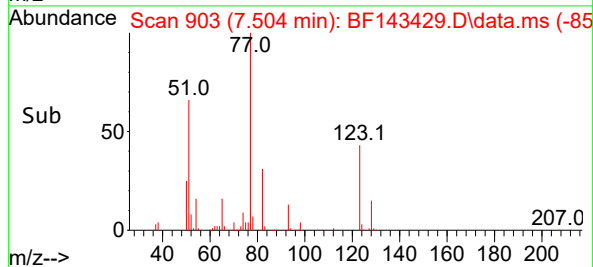
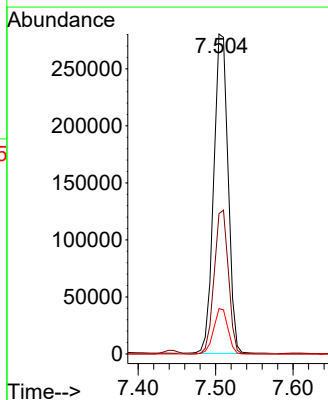
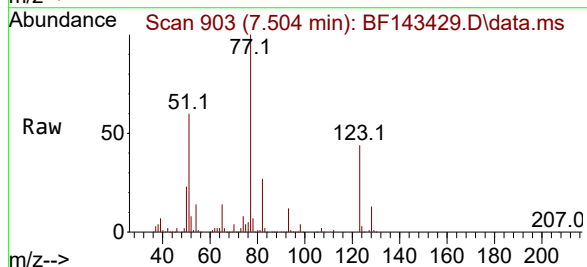
Tgt Ion: 77 Resp: 361829

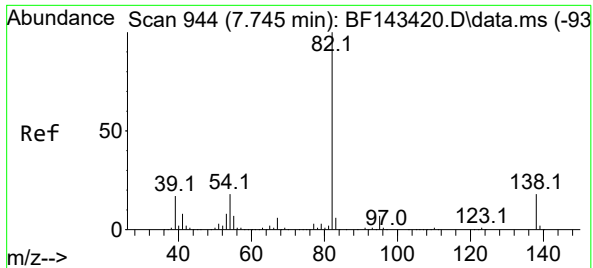
Ion Ratio Lower Upper

77 100

123 43.9 35.4 53.0

65 14.1 11.2 16.8

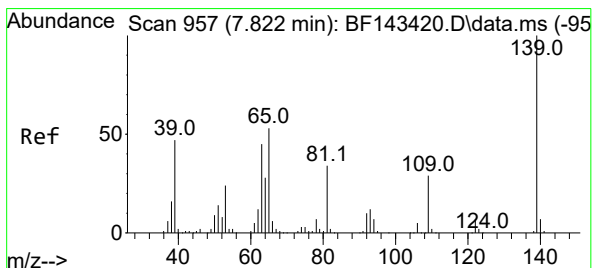
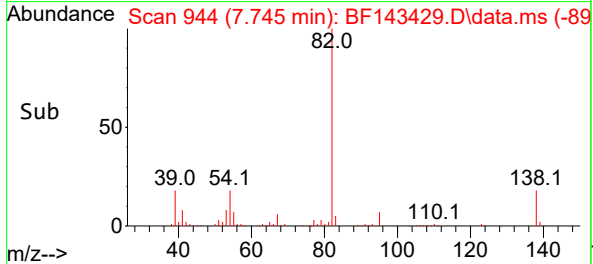
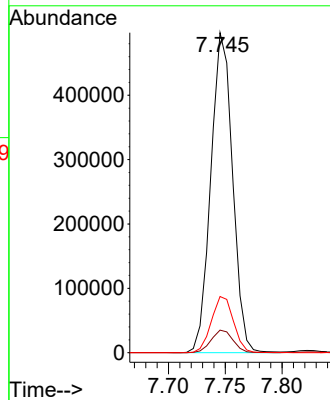
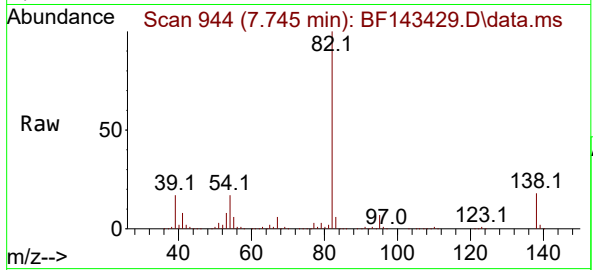




#25
Isophorone
Concen: 39.881 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

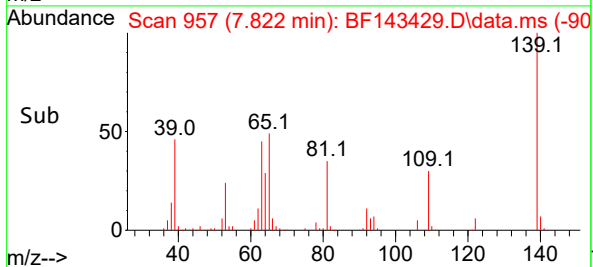
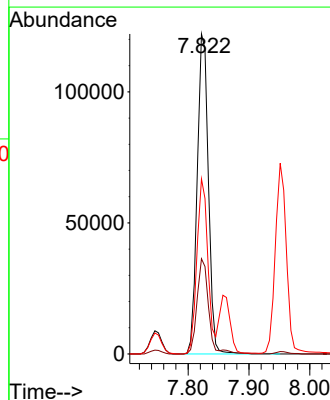
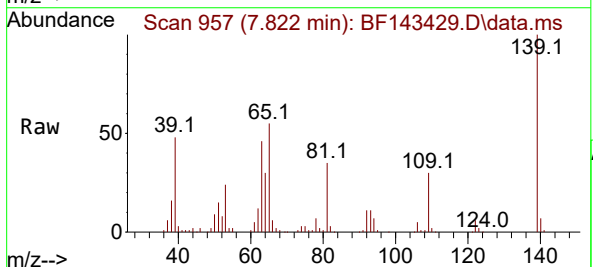
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

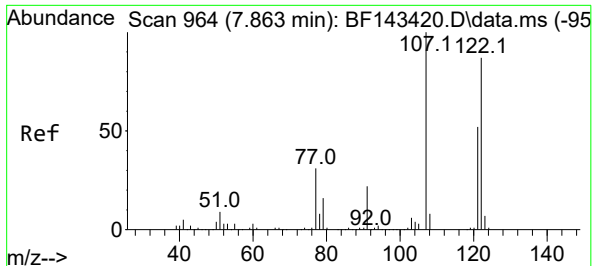
Tgt Ion: 82 Resp: 662307
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.6 14.3 21.5



#26
2-Nitrophenol
Concen: 37.029 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion: 139 Resp: 155677
Ion Ratio Lower Upper
139 100
109 29.8 23.0 34.4
65 54.7 42.5 63.7





#27

2,4-Dimethylphenol

Concen: 38.859 ng

RT: 7.863 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

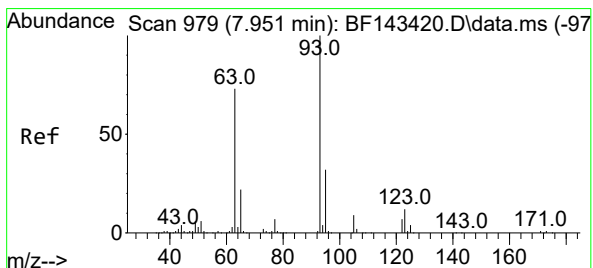
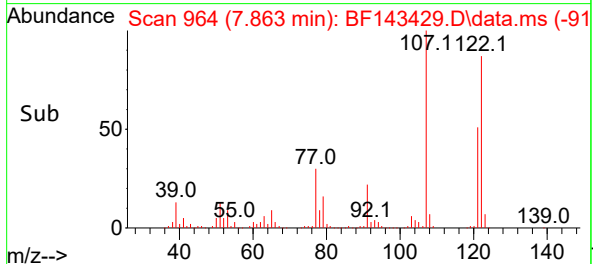
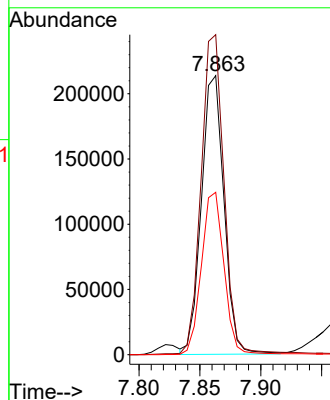
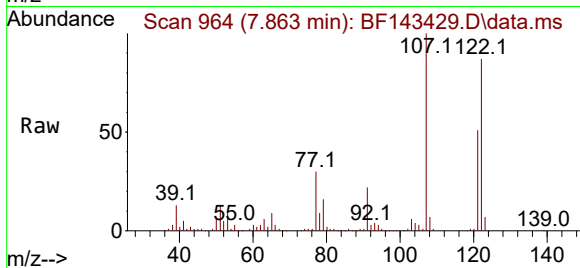
Tgt Ion:122 Resp: 276223

Ion Ratio Lower Upper

122 100

107 114.7 90.4 135.6

121 58.2 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 39.401 ng

RT: 7.951 min Scan# 979

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

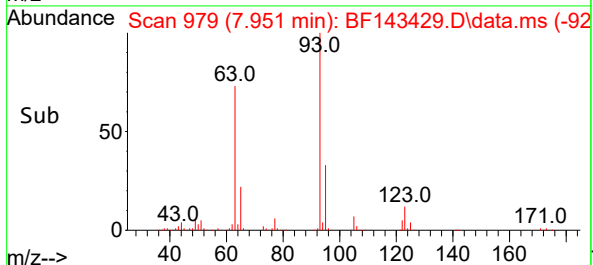
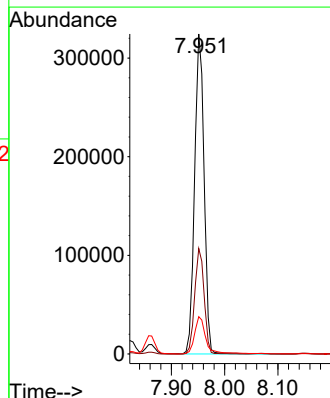
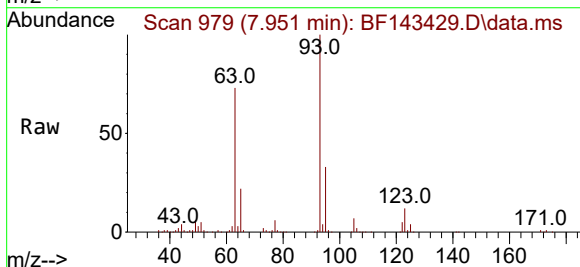
Tgt Ion: 93 Resp: 402194

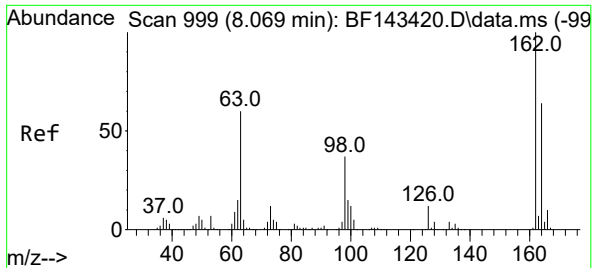
Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.183 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.000 min

Lab File: BF143429.D

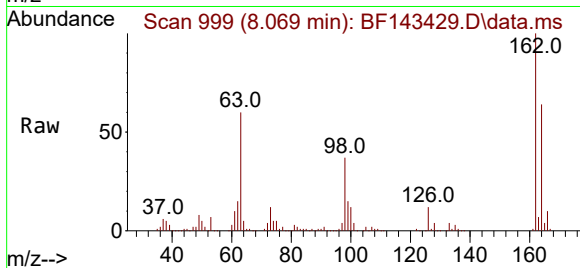
Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



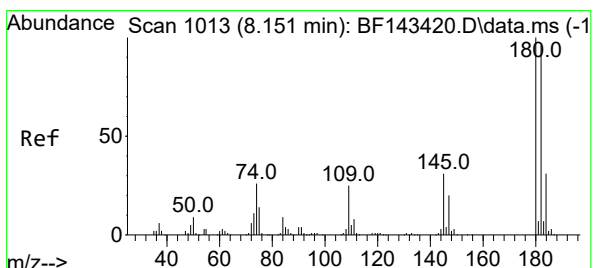
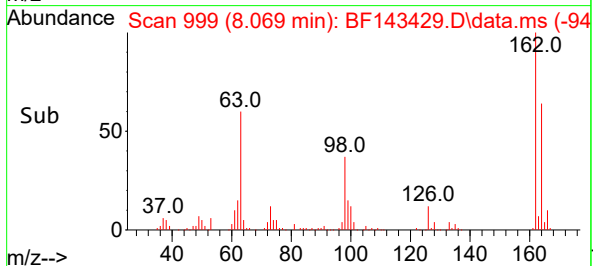
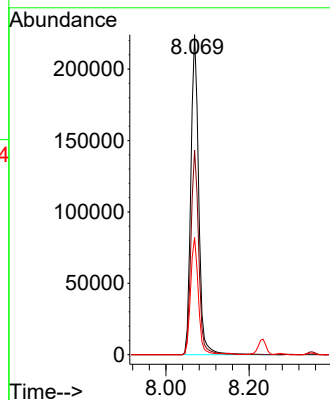
Tgt Ion:162 Resp: 291170

Ion Ratio Lower Upper

162 100

164 63.9 44.3 84.3

98 36.6 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 39.312 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

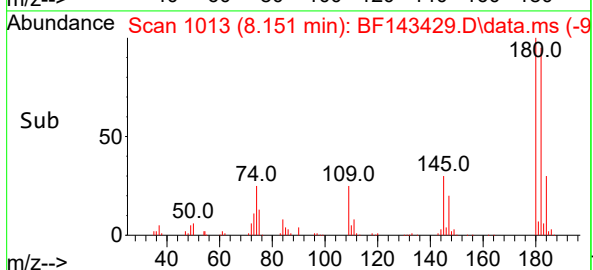
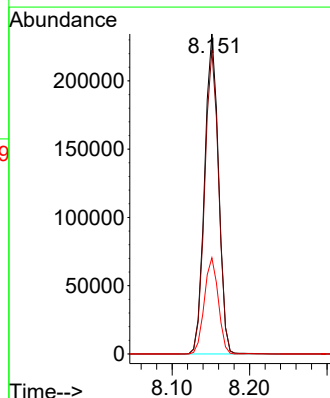
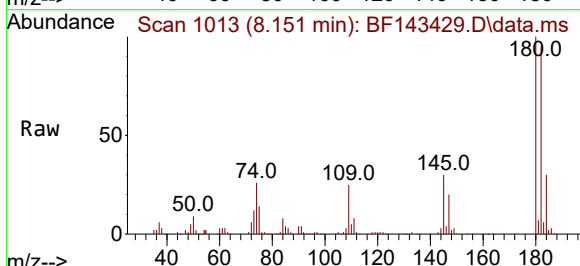
Tgt Ion:180 Resp: 291877

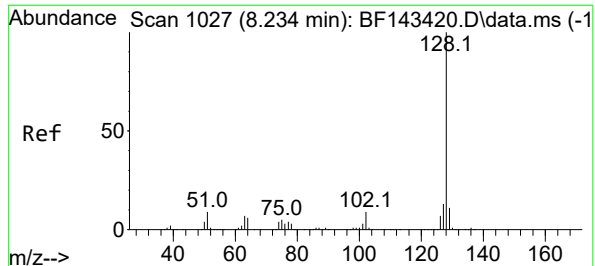
Ion Ratio Lower Upper

180 100

182 94.9 76.7 115.1

145 30.1 24.5 36.7





#31

Naphthalene

Concen: 39.484 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

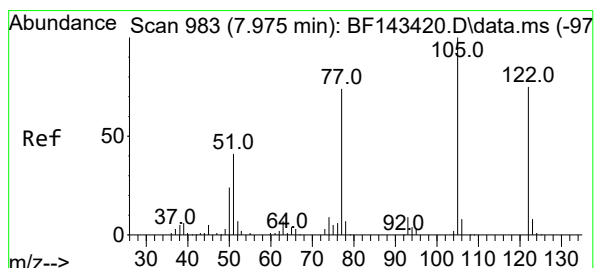
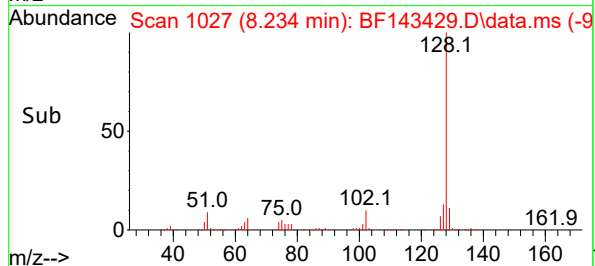
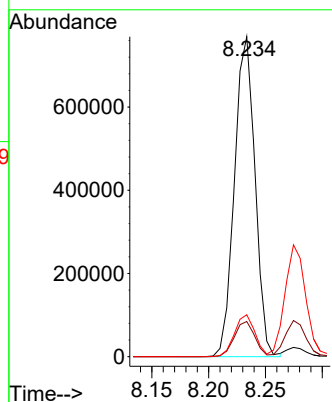
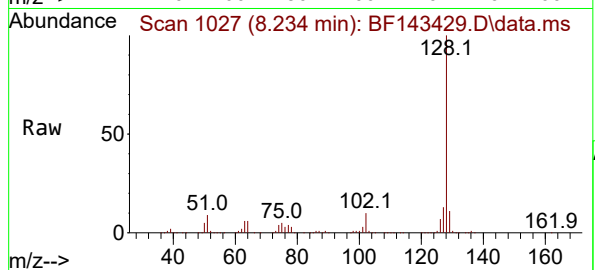
Tgt Ion:128 Resp: 965167

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.1 10.6 16.0



#32

Benzoic acid

Concen: 32.963 ng

RT: 7.975 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

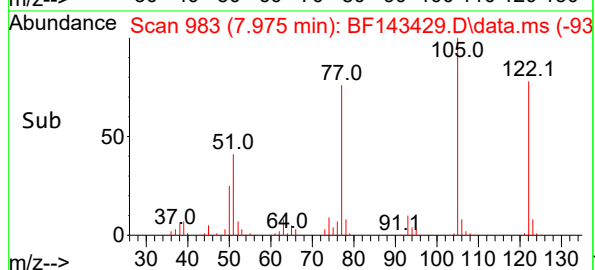
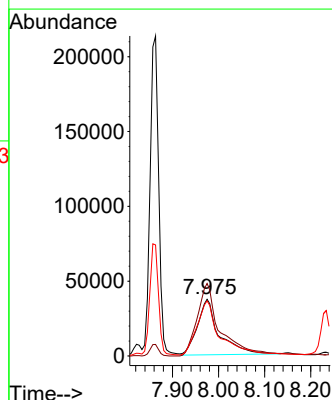
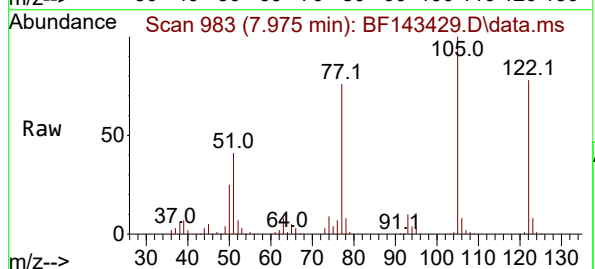
Tgt Ion:122 Resp: 121859

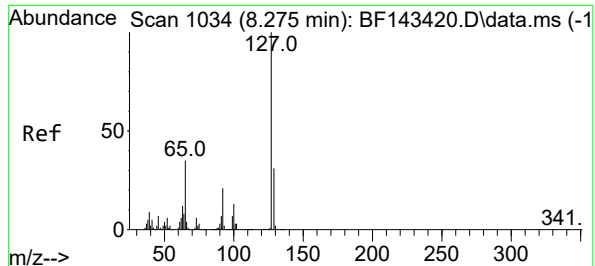
Ion Ratio Lower Upper

122 100

105 127.8 108.4 148.4

77 97.2 75.9 115.9





#33

4-Chloroaniline

Concen: 39.758 ng

RT: 8.275 min Scan# 1034

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 350803

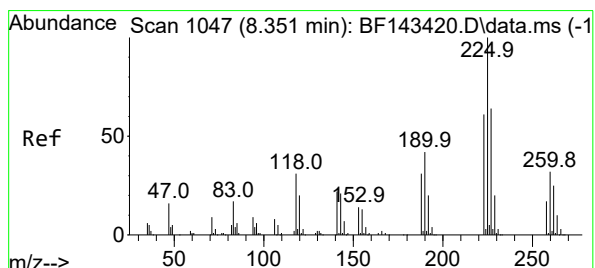
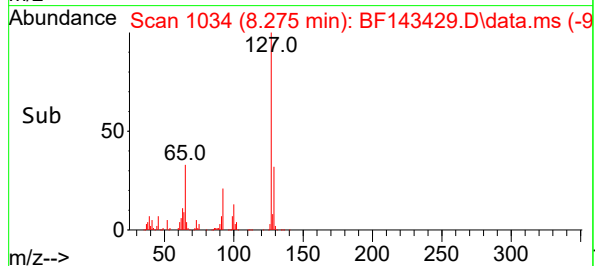
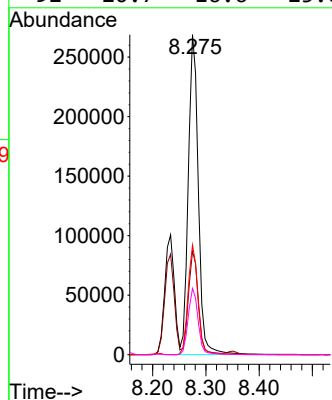
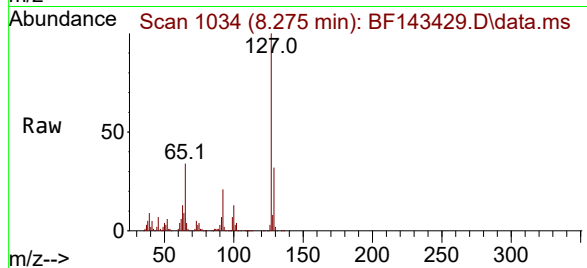
Ion Ratio Lower Upper

127 100

129 32.3 25.8 38.8

65 34.3 27.2 40.8

92 20.7 16.6 25.0



#34

Hexachlorobutadiene

Concen: 39.883 ng

RT: 8.351 min Scan# 1047

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

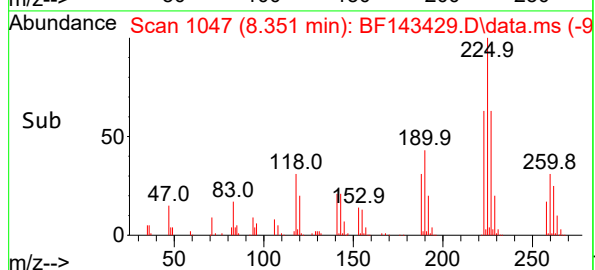
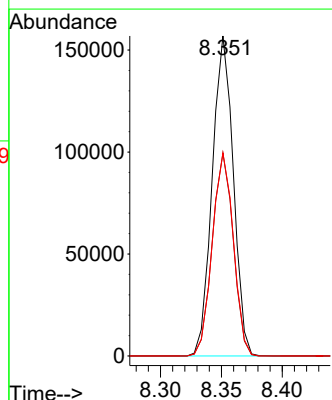
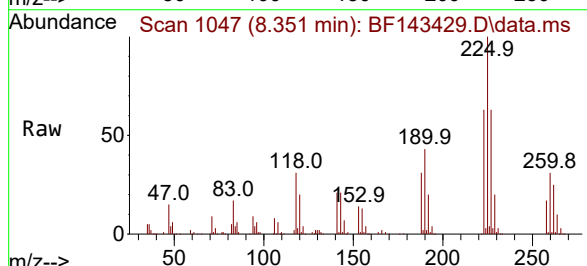
Tgt Ion:225 Resp: 188826

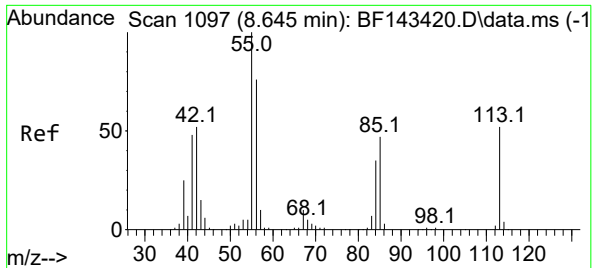
Ion Ratio Lower Upper

225 100

223 63.4 49.0 73.6

227 63.5 51.1 76.7





#35

Caprolactam

Concen: 41.013 ng

RT: 8.645 min Scan# 1109

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

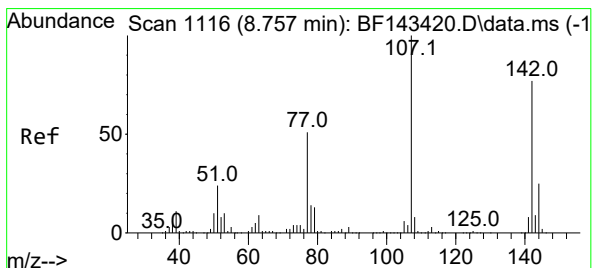
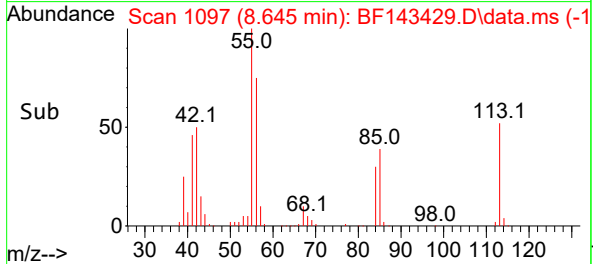
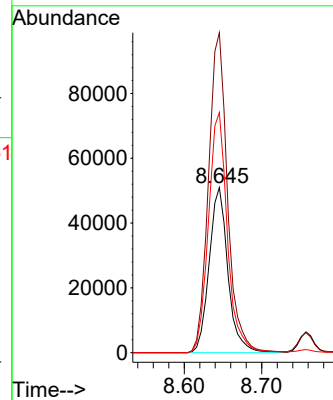
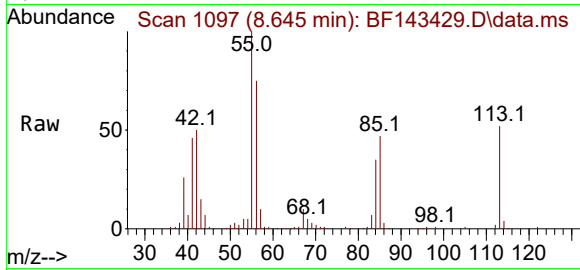
Tgt Ion:113 Resp: 85562

Ion Ratio Lower Upper

113 100

55 193.8 174.7 214.7

56 145.5 127.0 167.0



#36

4-Chloro-3-methylphenol

Concen: 39.801 ng

RT: 8.757 min Scan# 1116

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

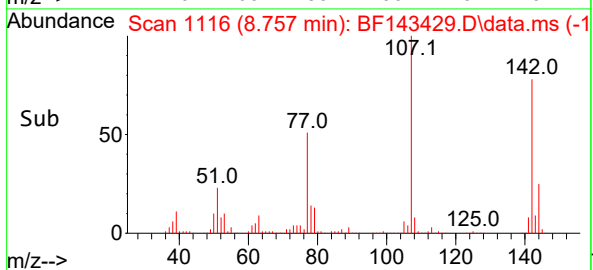
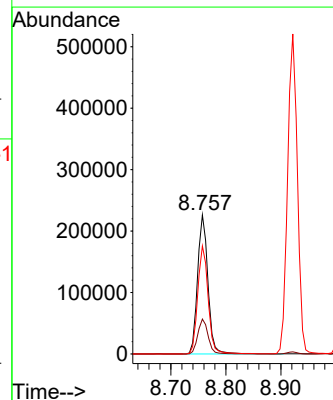
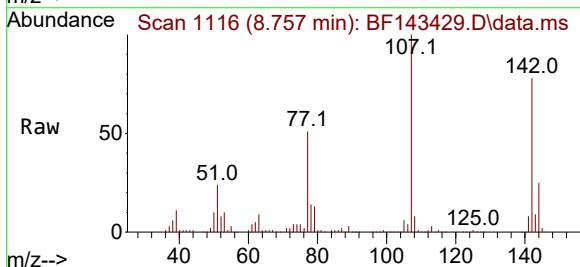
Tgt Ion:107 Resp: 297024

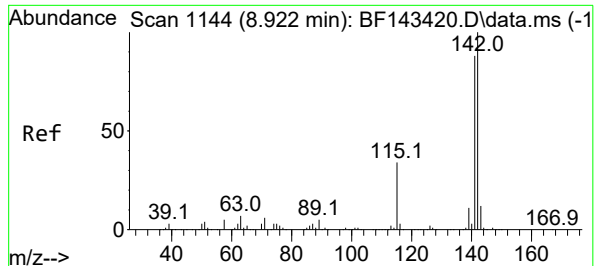
Ion Ratio Lower Upper

107 100

144 25.1 20.2 30.2

142 77.7 62.0 93.0

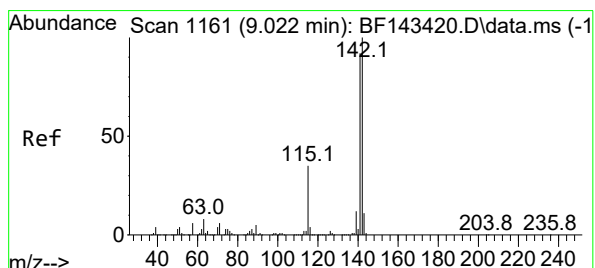
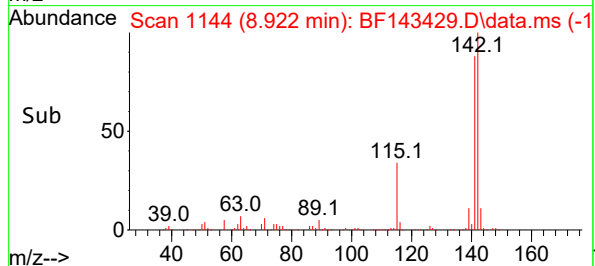
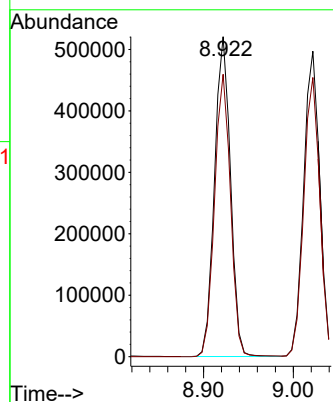
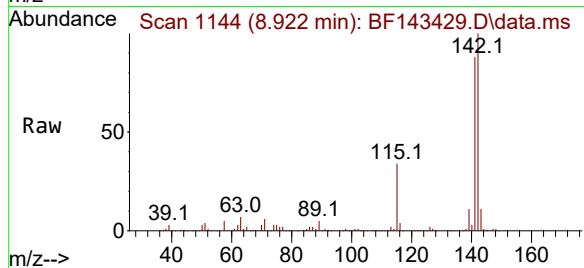




#37
2-Methylnaphthalene
Concen: 39.050 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

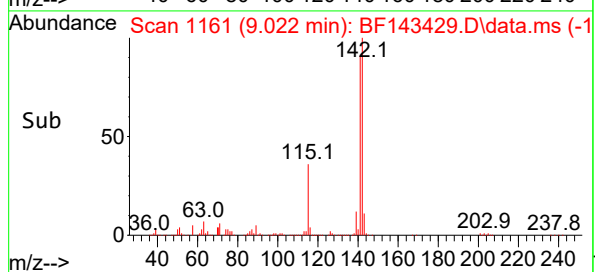
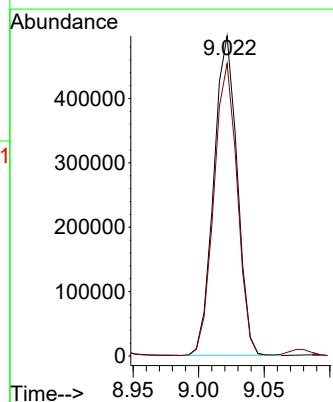
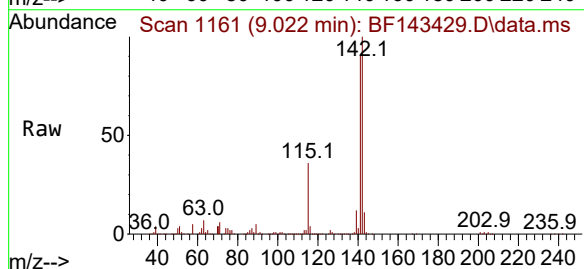
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

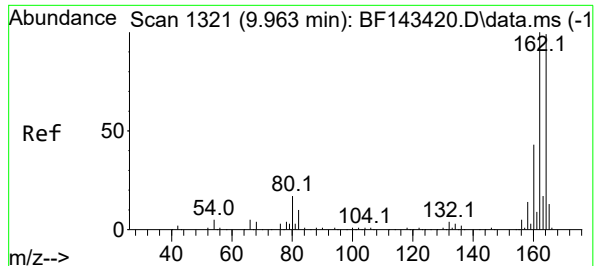
Tgt Ion:142 Resp: 643429
Ion Ratio Lower Upper
142 100
141 88.2 70.3 105.5



#38
1-Methylnaphthalene
Concen: 39.007 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:142 Resp: 615790
Ion Ratio Lower Upper
142 100
141 91.4 73.8 110.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

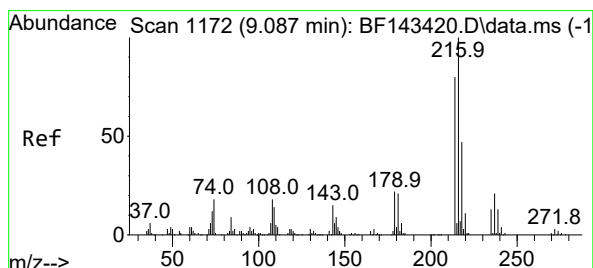
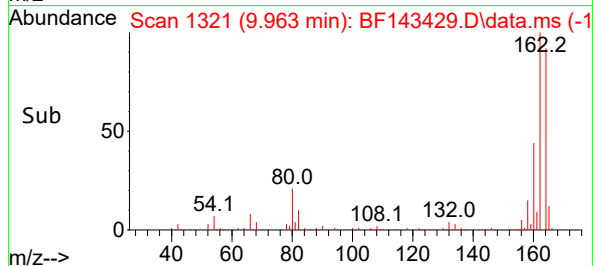
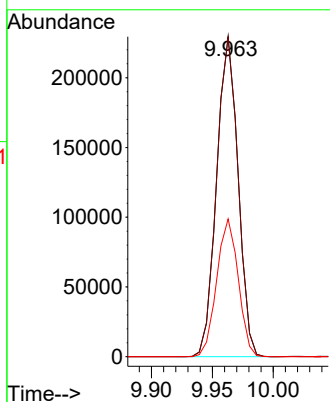
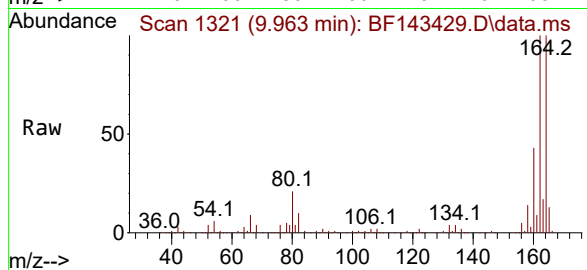
Tgt Ion:164 Resp: 280712

Ion Ratio Lower Upper

164 100

162 99.7 80.6 121.0

160 43.1 34.6 51.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.273 ng

RT: 9.086 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Tgt Ion:216 Resp: 307452

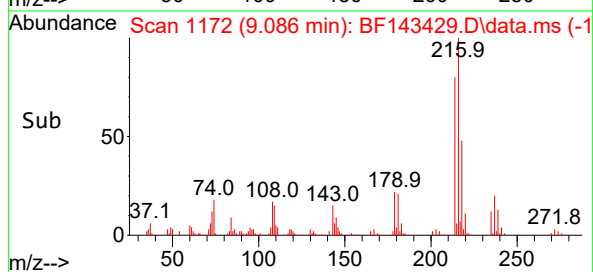
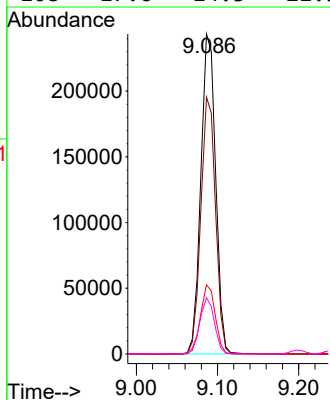
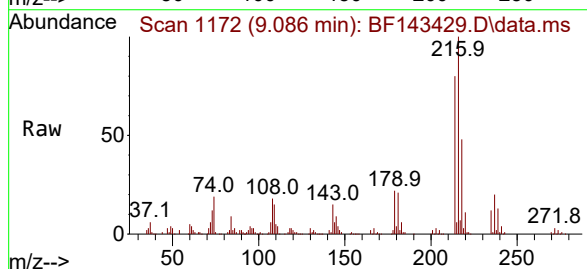
Ion Ratio Lower Upper

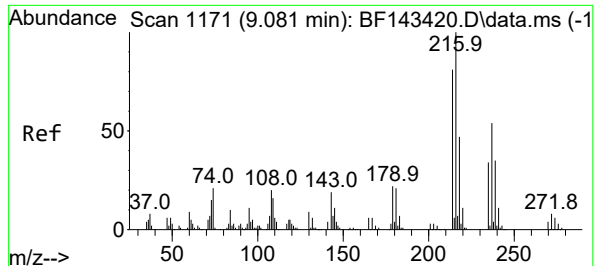
216 100

214 80.0 63.7 95.5

179 21.3 17.0 25.4

108 17.6 14.3 21.5





#41

Hexachlorocyclopentadiene

Concen: 37.941 ng

RT: 9.081 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

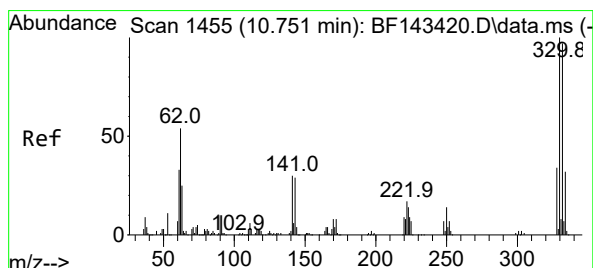
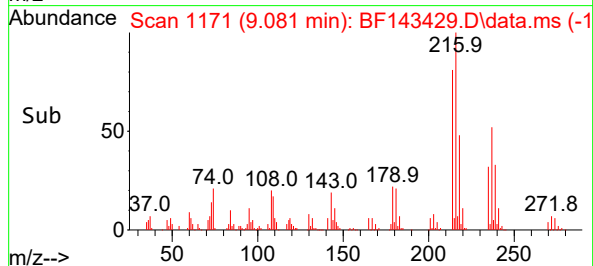
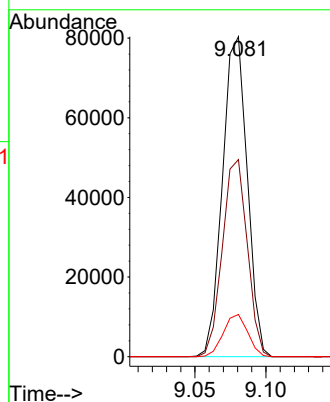
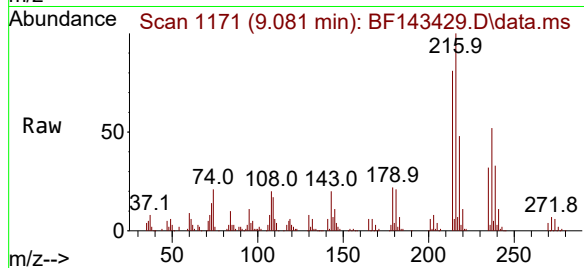
Tgt Ion:237 Resp: 97535

Ion Ratio Lower Upper

237 100

235 61.6 41.6 81.6

272 13.2 0.0 33.8



#42

2,4,6-Tribromophenol

Concen: 81.149 ng

RT: 10.751 min Scan# 1455

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

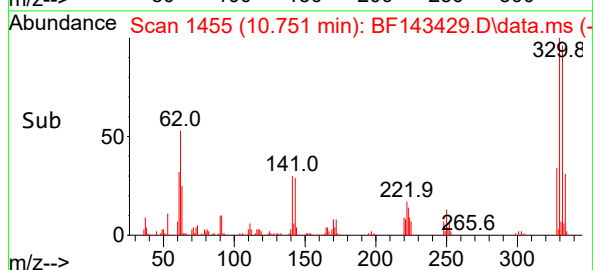
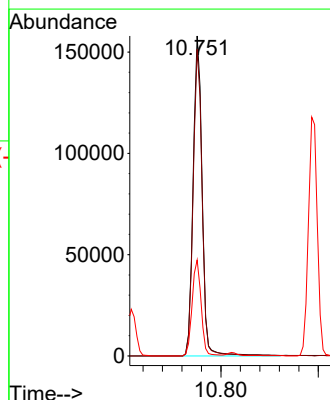
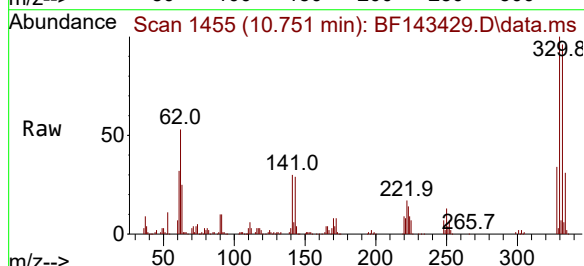
Tgt Ion:330 Resp: 202755

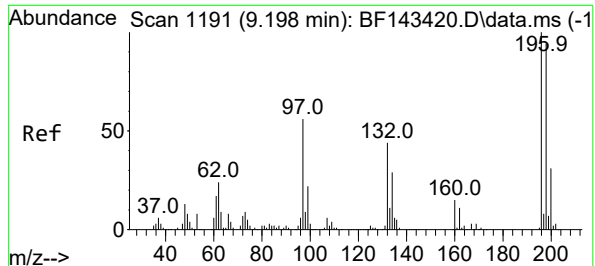
Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.2

141 29.8 24.1 36.1





#43

2,4,6-Trichlorophenol

Concen: 39.295 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

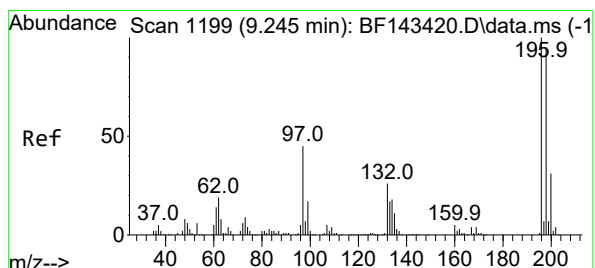
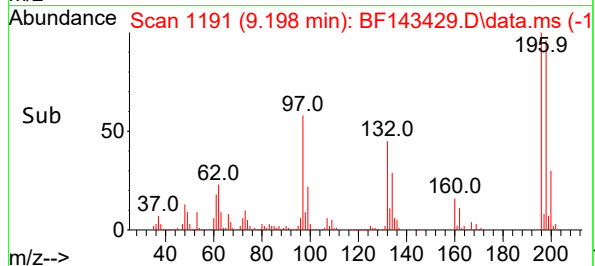
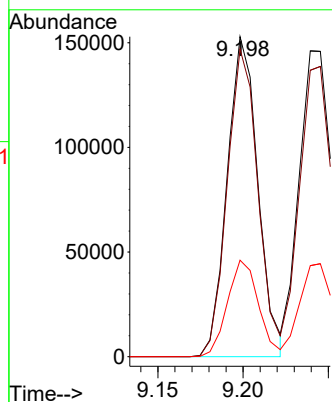
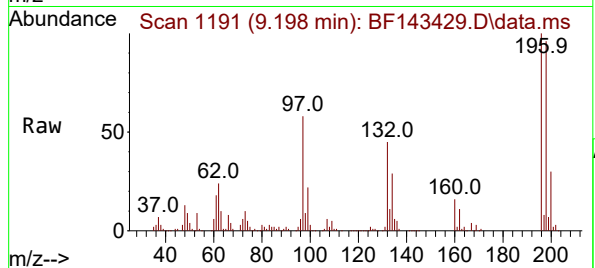
Tgt Ion:196 Resp: 191901

Ion Ratio Lower Upper

196 100

198 96.1 75.4 113.2

200 30.2 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 40.430 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Tgt Ion:196 Resp: 211642

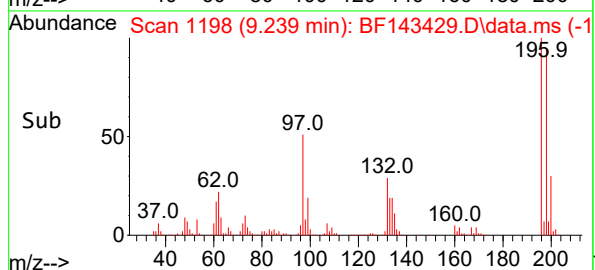
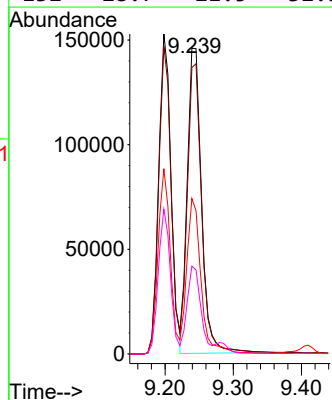
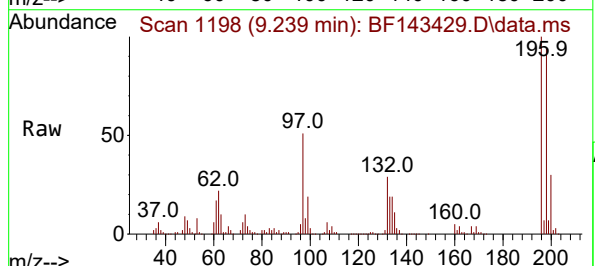
Ion Ratio Lower Upper

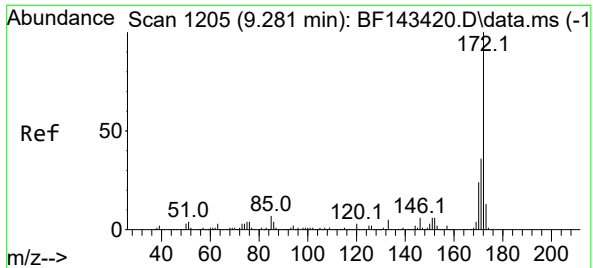
196 100

198 93.6 76.2 114.4

97 50.8 36.6 55.0

132 28.7 21.5 32.3





#45

2-Fluorobiphenyl

Concen: 76.776 ng

RT: 9.281 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

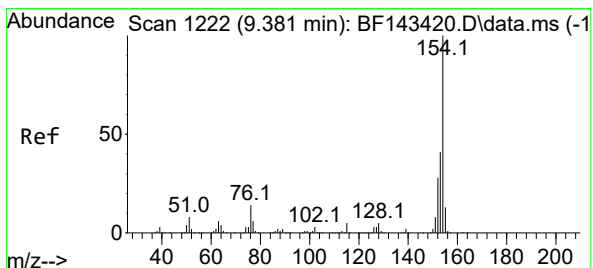
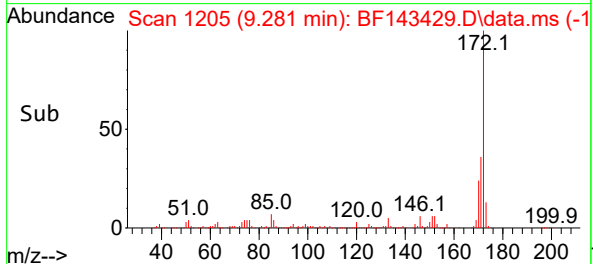
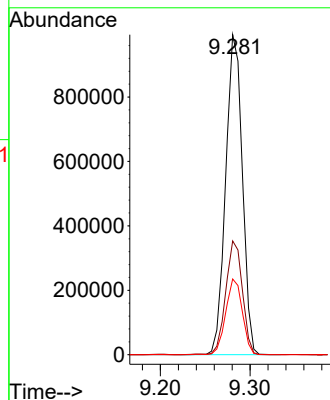
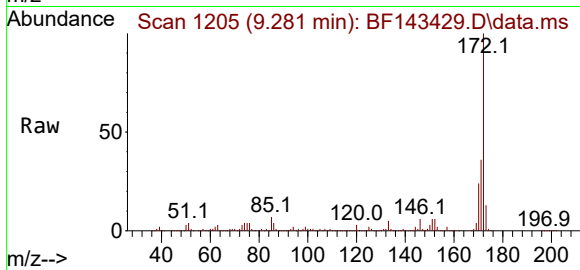
Tgt Ion:172 Resp: 1281342

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.6 19.0 28.6



#46

1,1'-Biphenyl

Concen: 39.170 ng

RT: 9.381 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

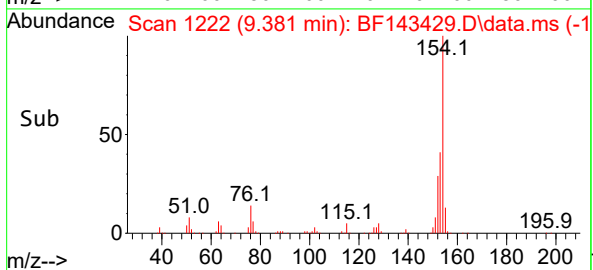
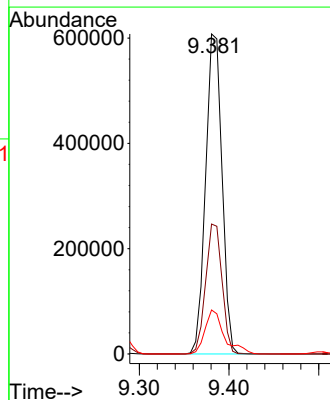
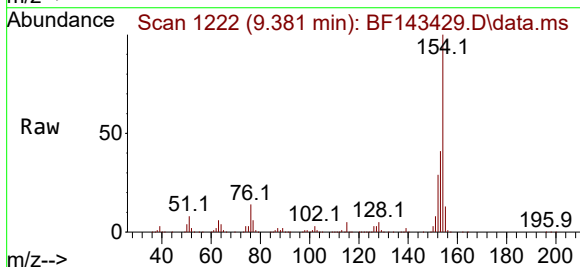
Tgt Ion:154 Resp: 772560

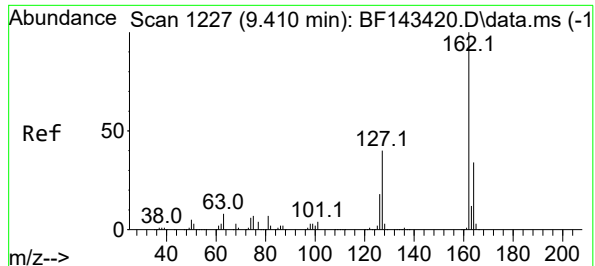
Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

76 13.7 0.0 33.8





#47

2-Chloronaphthalene

Concen: 39.356 ng

RT: 9.410 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

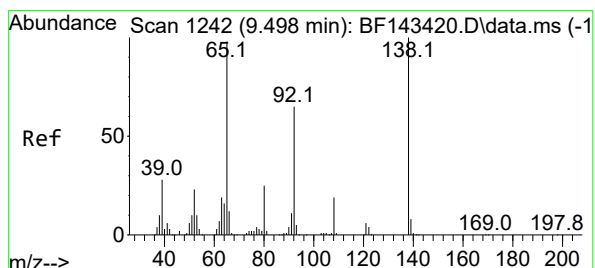
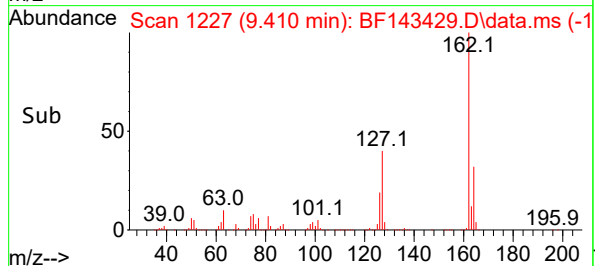
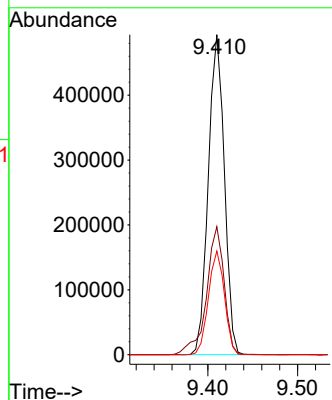
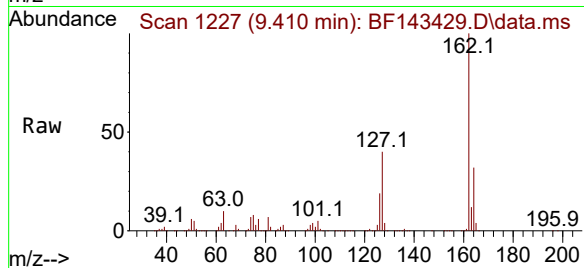
Tgt Ion:162 Resp: 612724

Ion Ratio Lower Upper

162 100

127 40.0 32.3 48.5

164 32.4 26.9 40.3



#48

2-Nitroaniline

Concen: 39.687 ng

RT: 9.504 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

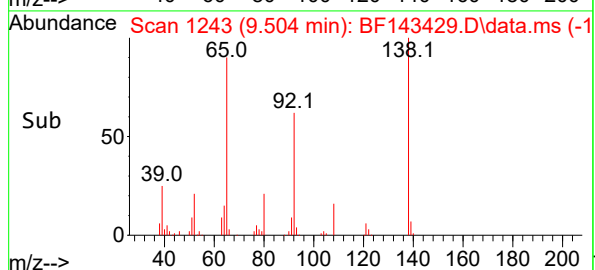
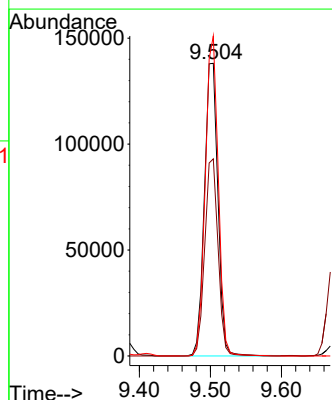
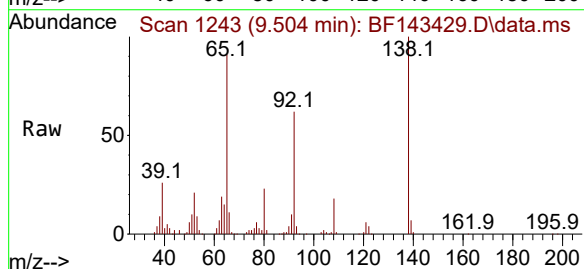
Tgt Ion: 65 Resp: 183872

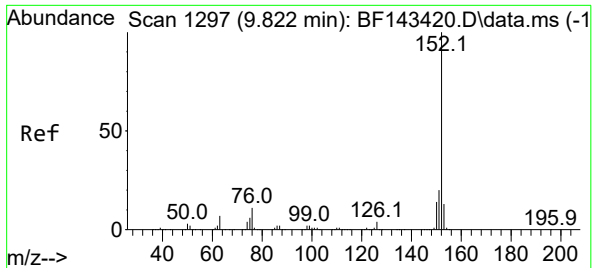
Ion Ratio Lower Upper

65 100

92 67.4 52.9 79.3

138 109.4 81.3 121.9





#49

Acenaphthylene

Concen: 39.654 ng

RT: 9.822 min Scan# 1297

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

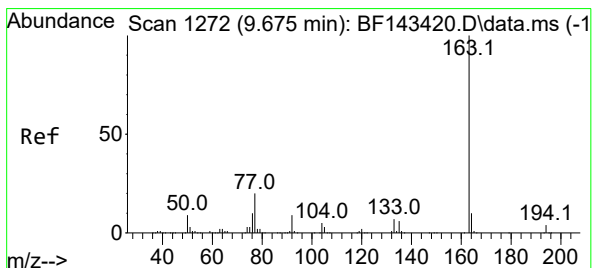
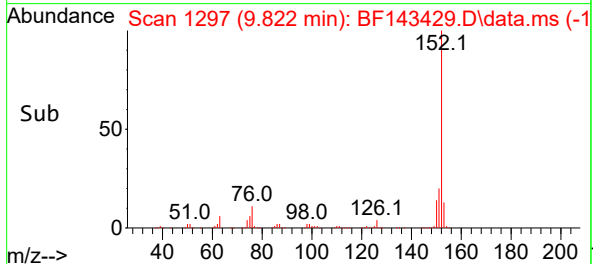
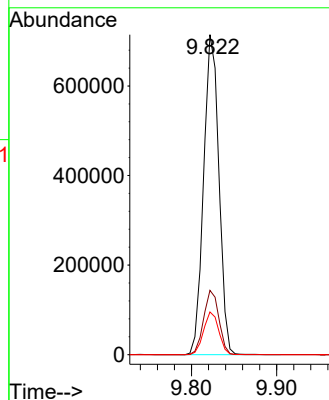
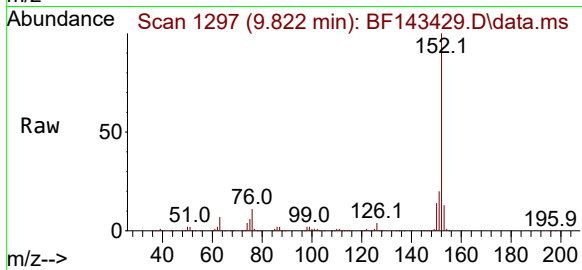
Tgt Ion:152 Resp: 891356

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.3 10.8 16.2



#50

Dimethylphthalate

Concen: 40.165 ng

RT: 9.675 min Scan# 1272

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

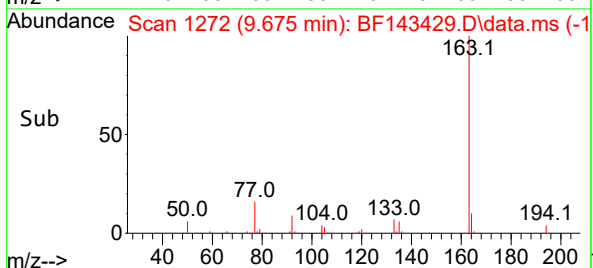
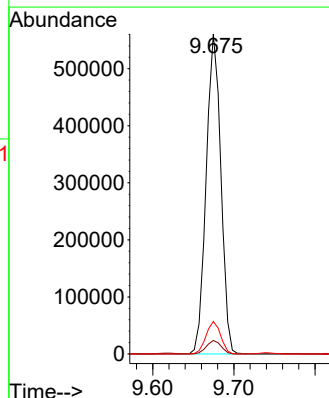
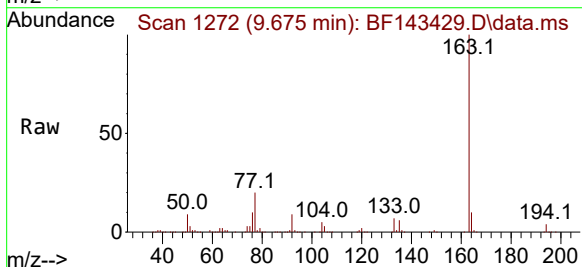
Tgt Ion:163 Resp: 702928

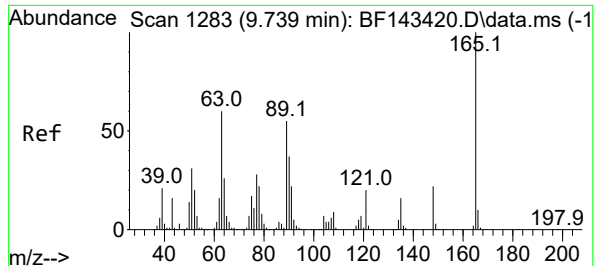
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.2 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 40.951 ng

RT: 9.739 min Scan# 1283

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

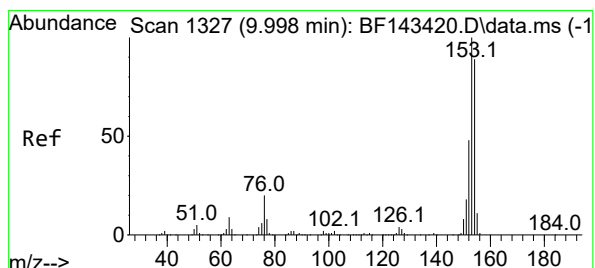
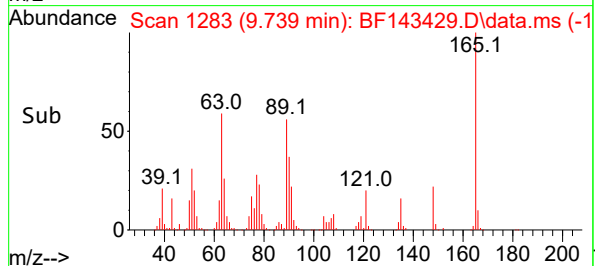
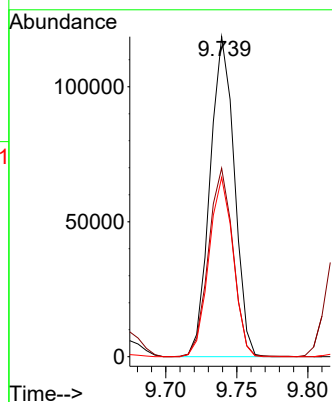
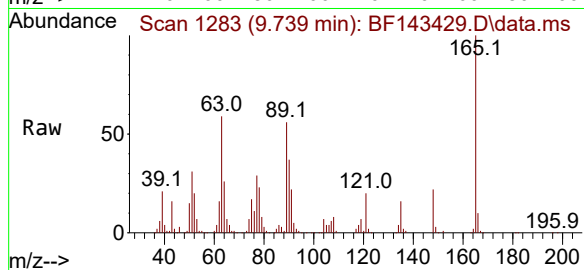
Tgt Ion:165 Resp: 141282

Ion Ratio Lower Upper

165 100

63 58.9 48.2 72.2

89 56.0 44.2 66.2



#52

Acenaphthene

Concen: 39.115 ng

RT: 9.998 min Scan# 1327

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

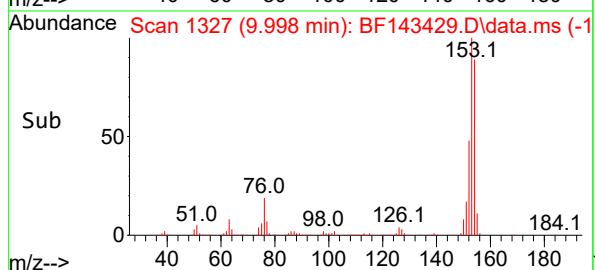
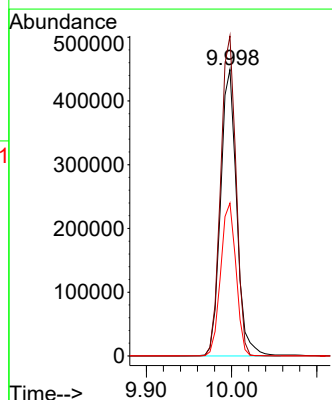
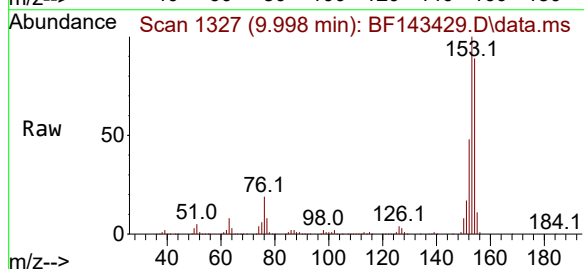
Tgt Ion:154 Resp: 591370

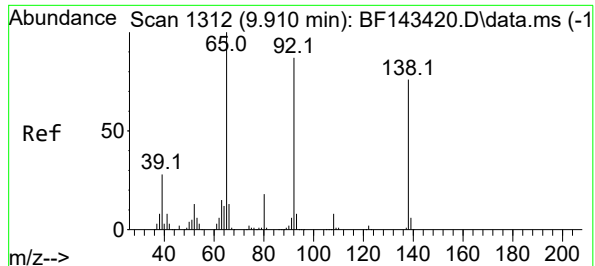
Ion Ratio Lower Upper

154 100

153 111.8 89.5 134.3

152 53.4 42.6 64.0





#53

3-Nitroaniline

Concen: 41.565 ng

RT: 9.910 min Scan# 1312

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

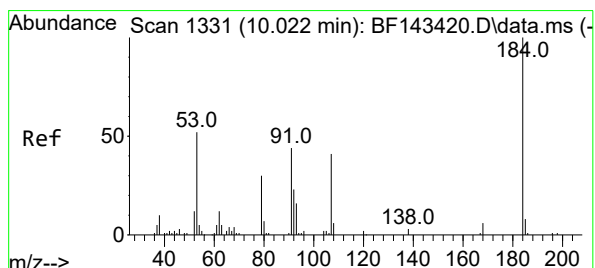
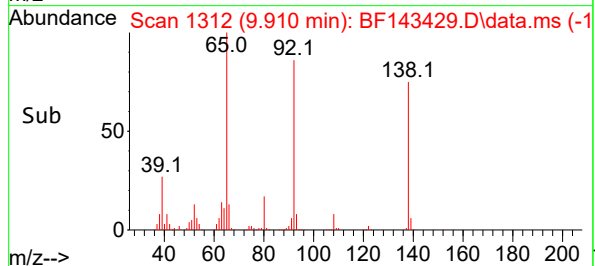
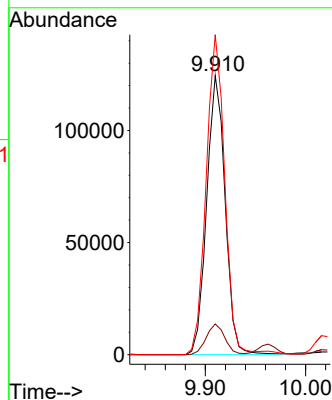
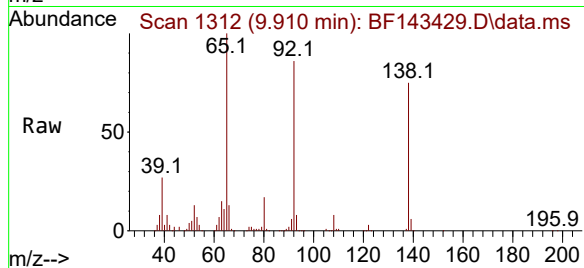
Tgt Ion:138 Resp: 159737

Ion Ratio Lower Upper

138 100

108 11.0 8.7 13.1

92 114.7 91.4 137.2



#54

2,4-Dinitrophenol

Concen: 32.877 ng

RT: 10.022 min Scan# 1331

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

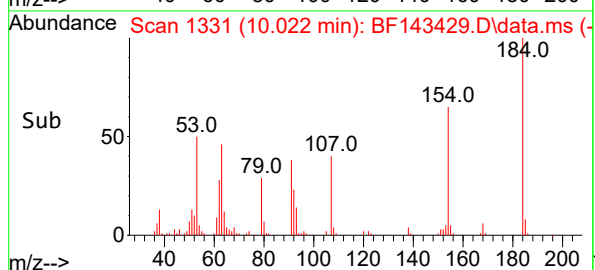
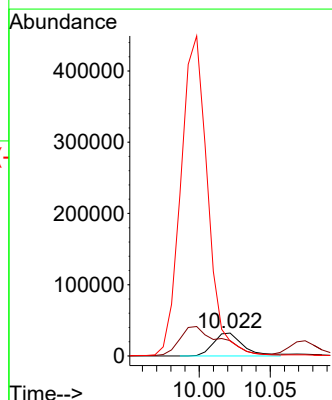
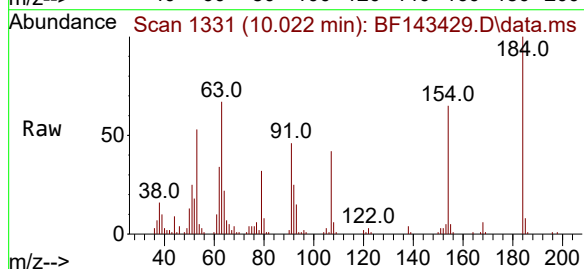
Tgt Ion:184 Resp: 46856

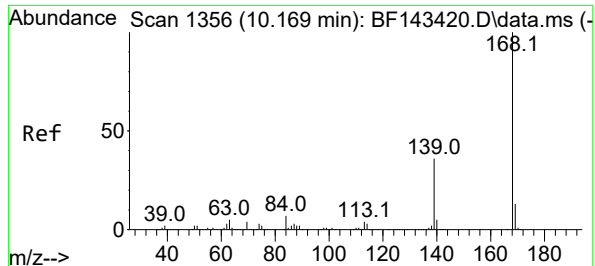
Ion Ratio Lower Upper

184 100

63 67.2 53.2 79.8

154 65.1 51.3 76.9





#55

Dibenzofuran

Concen: 39.442 ng

RT: 10.169 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

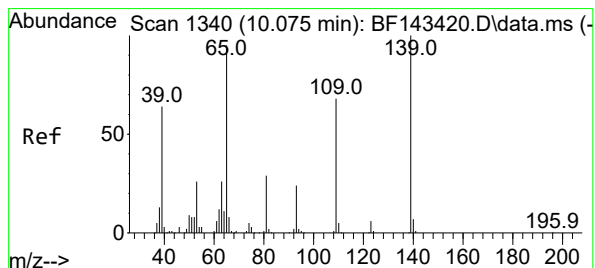
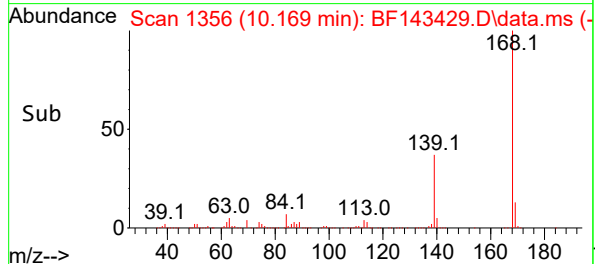
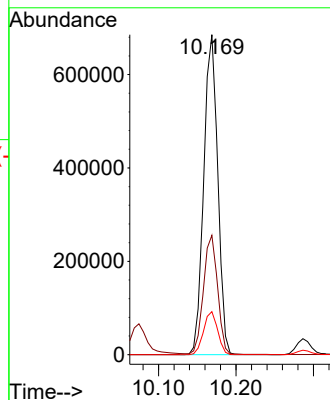
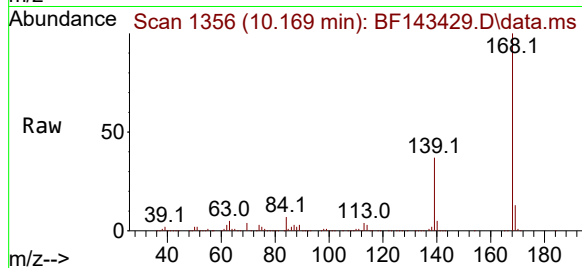
Tgt Ion:168 Resp: 860223

Ion Ratio Lower Upper

168 100

139 37.3 29.3 43.9

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 40.781 ng

RT: 10.075 min Scan# 1340

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

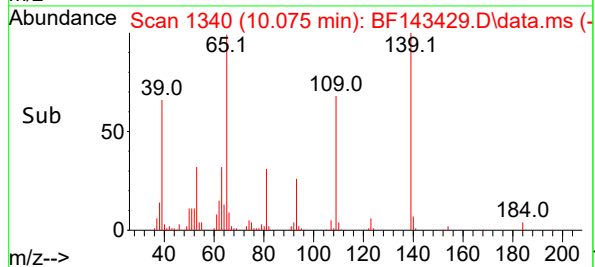
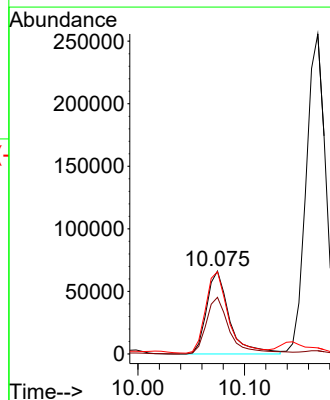
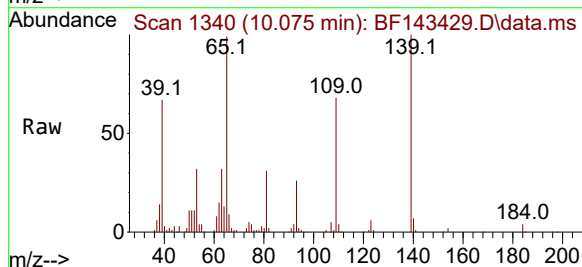
Tgt Ion:139 Resp: 98531

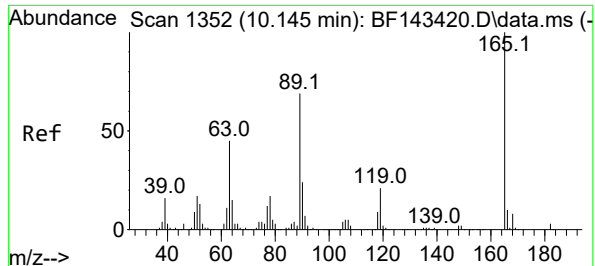
Ion Ratio Lower Upper

139 100

109 68.3 47.7 87.7

65 99.3 76.4 116.4

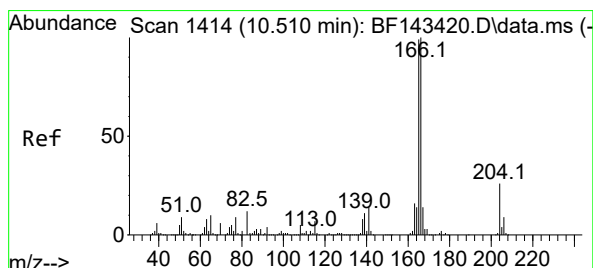
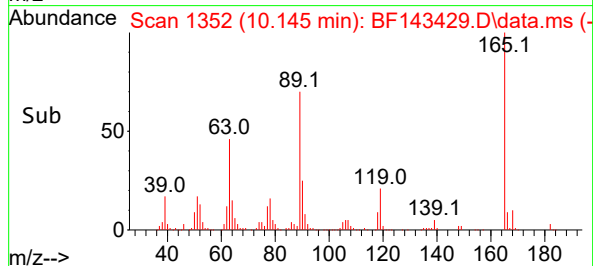
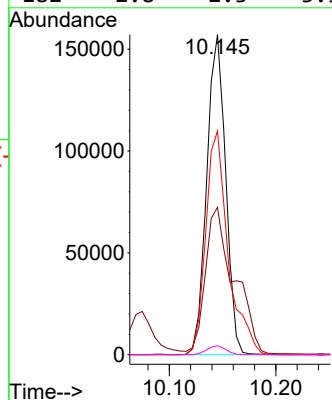
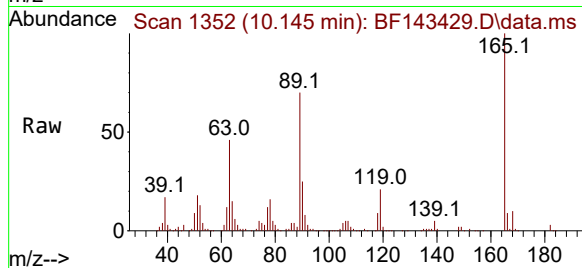




#57
2,4-Dinitrotoluene
Concen: 42.149 ng
RT: 10.145 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

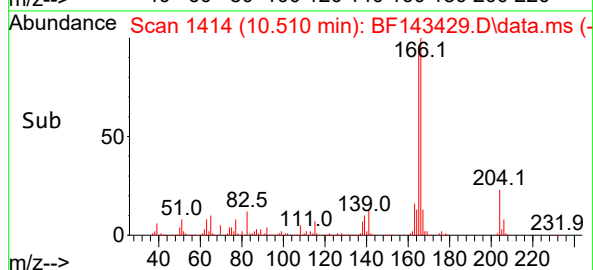
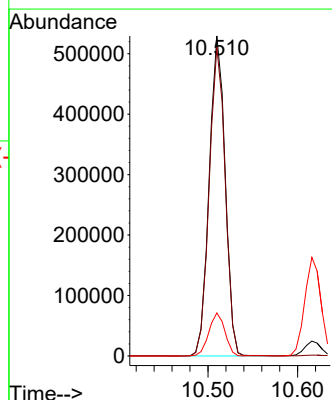
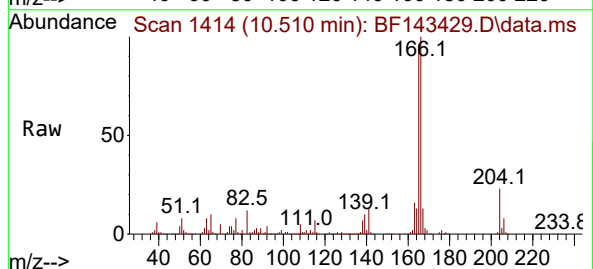
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

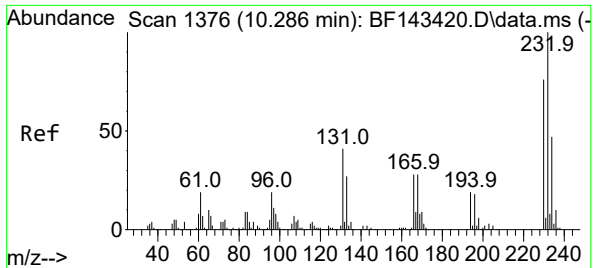
Tgt Ion:	165	Resp:	193875
Ion Ratio	Lower	Upper	
165	100		
63	46.1	37.0	55.6
89	69.9	55.4	83.0
182	2.8	2.3	3.5



#58
Fluorene
Concen: 39.029 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:	166	Resp:	653929
Ion Ratio	Lower	Upper	
166	100		
165	96.4	79.0	118.6
167	13.4	10.9	16.3

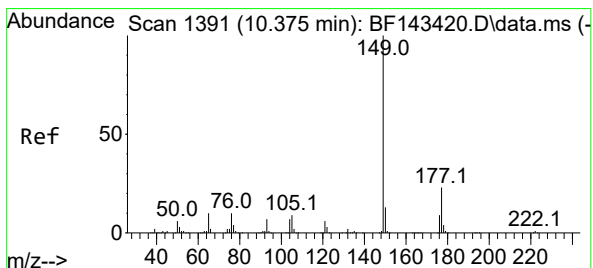
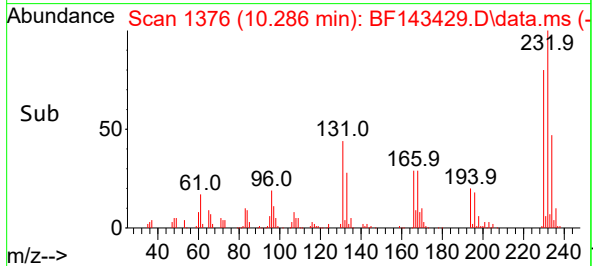
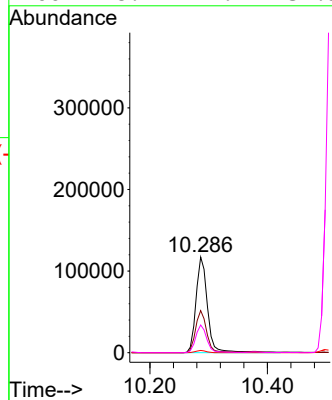
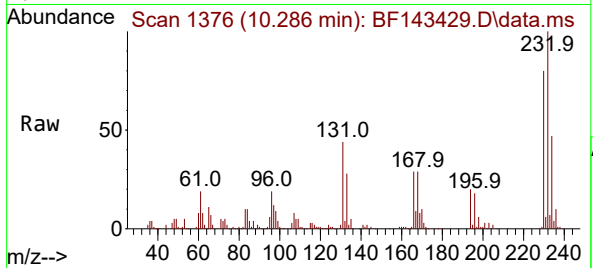




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.256 ng
RT: 10.286 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

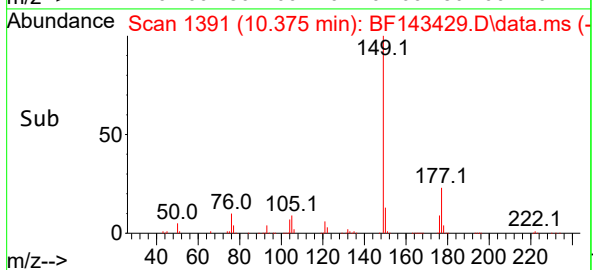
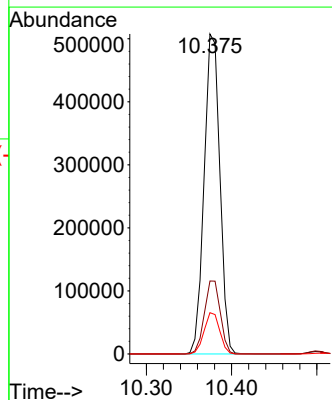
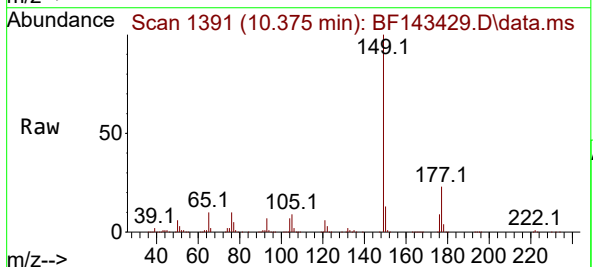
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

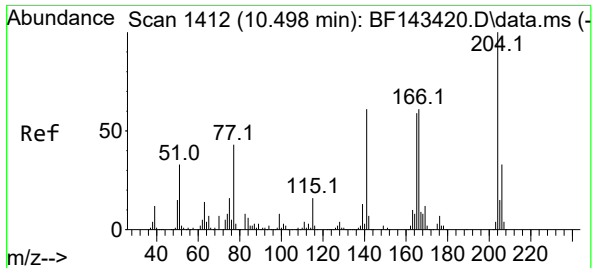
Tgt Ion:232 Resp: 159517
Ion Ratio Lower Upper
232 100
131 42.8 32.0 48.0
130 2.1 1.7 2.5
166 28.1 21.7 32.5



#60
Diethylphthalate
Concen: 40.299 ng
RT: 10.375 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:149 Resp: 651738
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.4
150 12.9 10.1 15.1

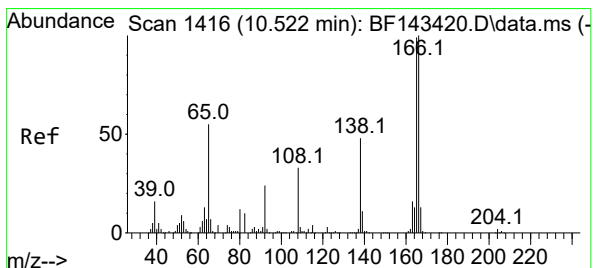
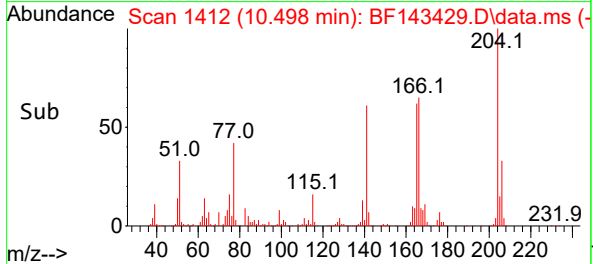
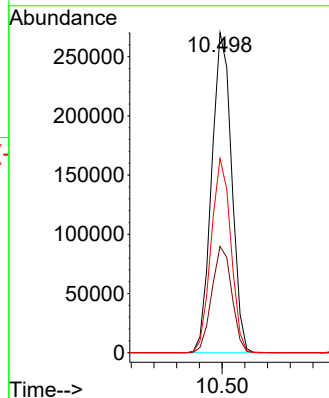
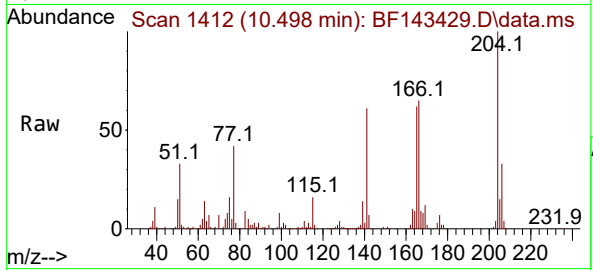




#61
4-Chlorophenyl-phenylether
Concen: 39.864 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

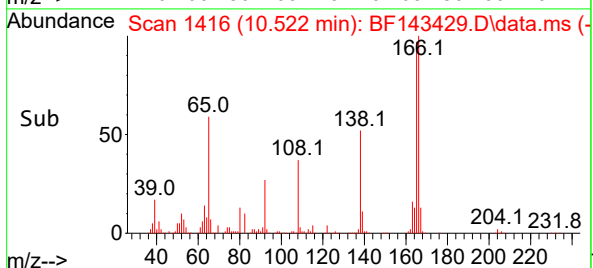
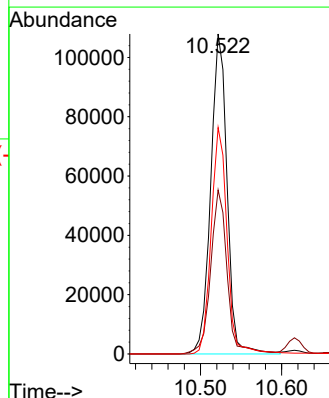
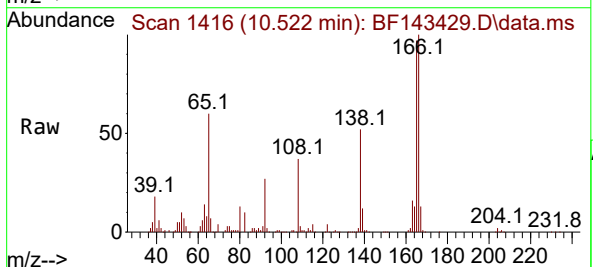
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

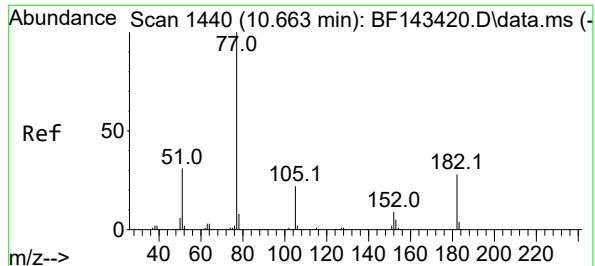
Tgt Ion:204 Resp: 330221
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 60.7 49.0 73.4



#62
4-Nitroaniline
Concen: 41.970 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:138 Resp: 150843
Ion Ratio Lower Upper
138 100
92 51.3 29.4 69.4
108 70.8 48.6 88.6





#63

Azobenzene

Concen: 40.549 ng

RT: 10.657 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 662810

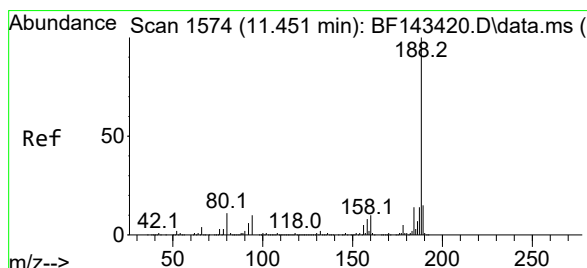
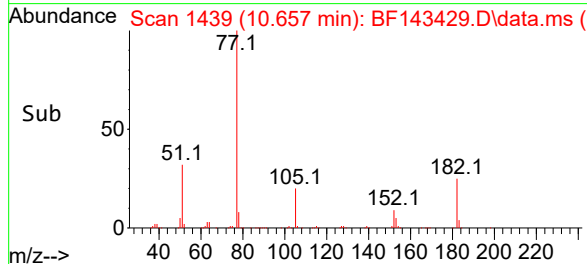
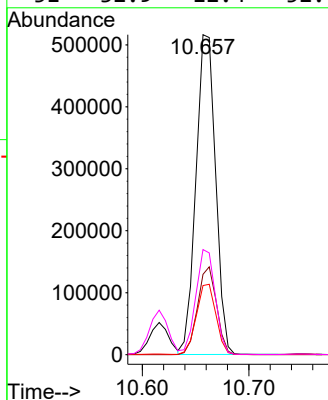
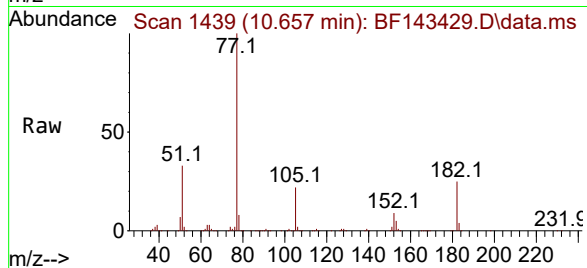
Ion Ratio Lower Upper

77 100

182 25.1 7.4 47.4

105 21.6 1.7 41.7

51 32.9 12.4 52.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.445 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

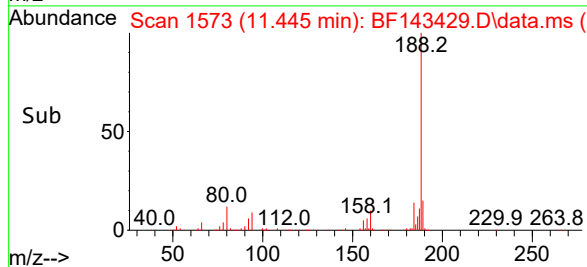
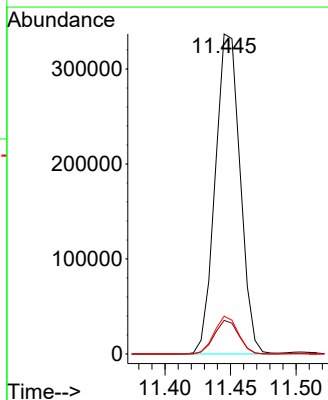
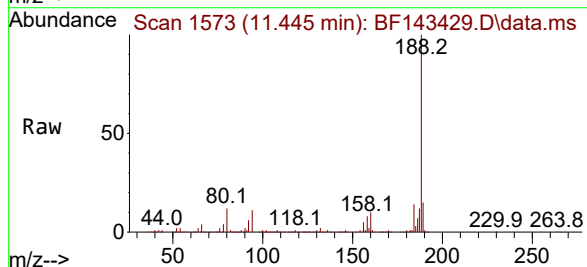
Tgt Ion: 188 Resp: 444924

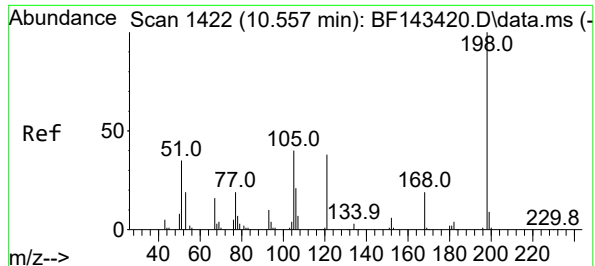
Ion Ratio Lower Upper

188 100

94 10.5 8.0 12.0

80 11.8 8.6 12.8

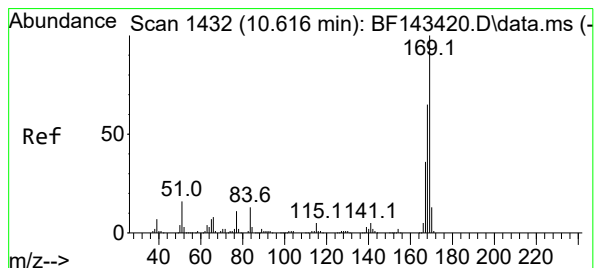
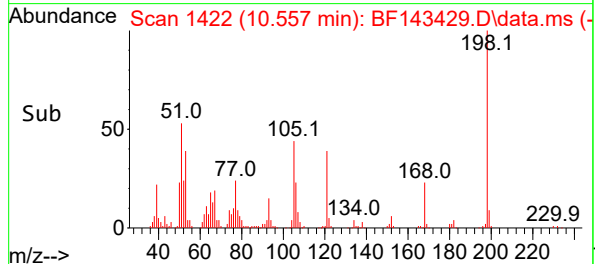
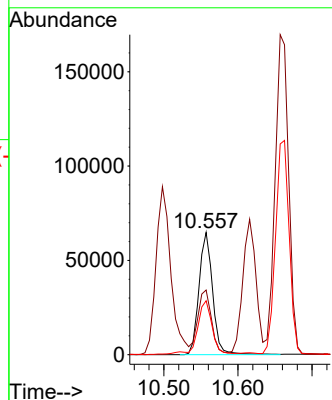
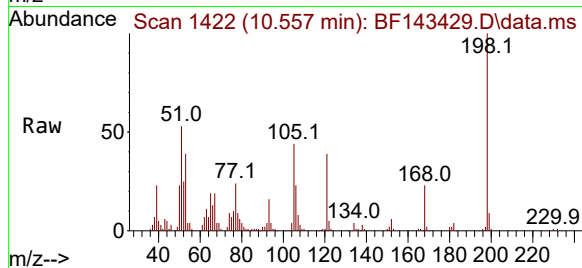




#65
4,6-Dinitro-2-methylphenol
Concen: 36.136 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

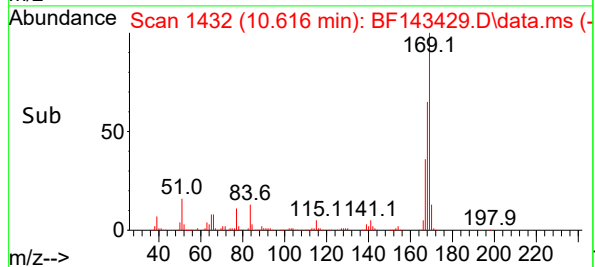
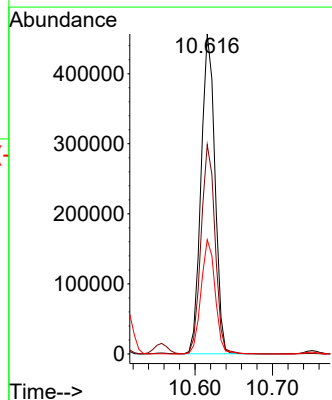
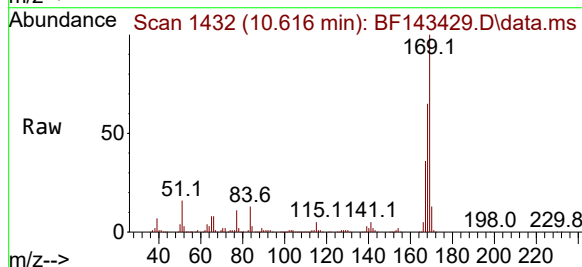
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

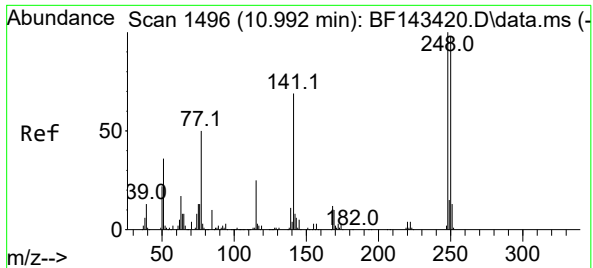
Tgt Ion	Ratio	Lower	Upper
198	100		
51	52.9	31.2	71.2
105	44.1	21.7	61.7



#66
n-Nitrosodiphenylamine
Concen: 39.195 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.4	52.5	78.7
167	35.7	28.6	42.8

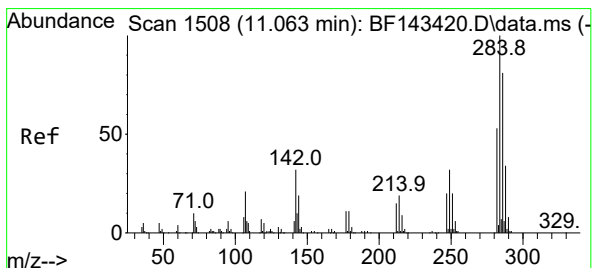
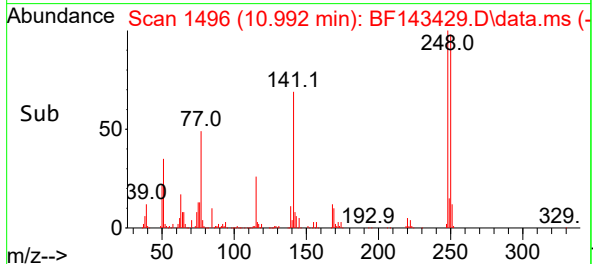
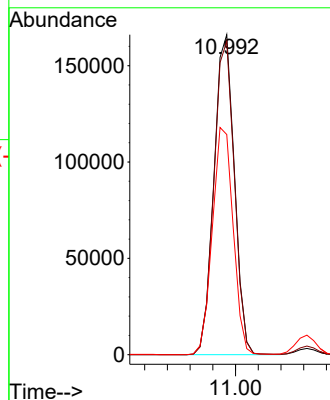
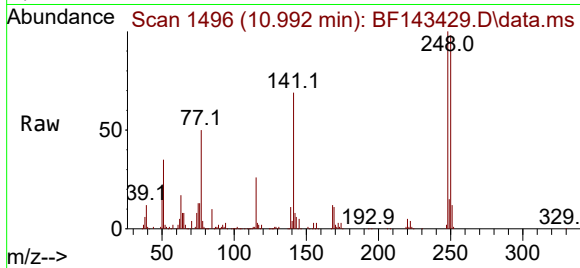




#67
4-Bromophenyl-phenylether
Concen: 39.604 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

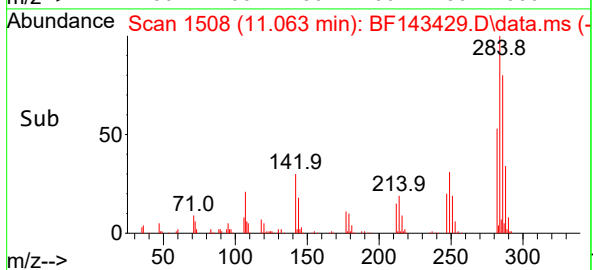
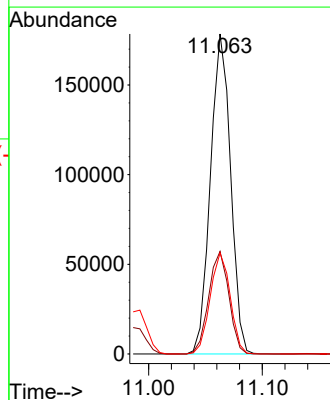
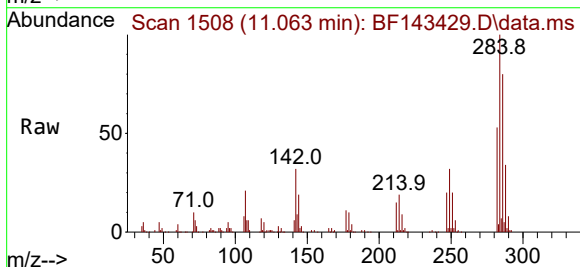
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

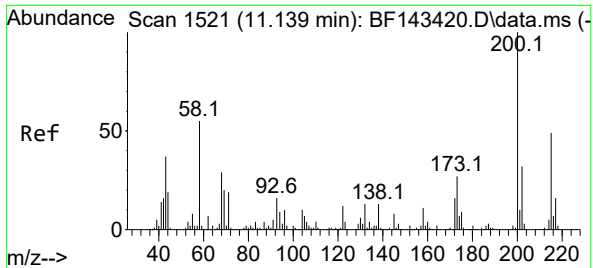
Tgt Ion:248 Resp: 208080
Ion Ratio Lower Upper
248 100
250 98.0 78.6 118.0
141 68.8 54.9 82.3



#68
Hexachlorobenzene
Concen: 39.348 ng
RT: 11.063 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:284 Resp: 219775
Ion Ratio Lower Upper
284 100
142 32.0 25.4 38.2
249 31.6 25.4 38.0





#69

Atrazine

Concen: 41.277 ng

RT: 11.139 min Scan# 1521

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

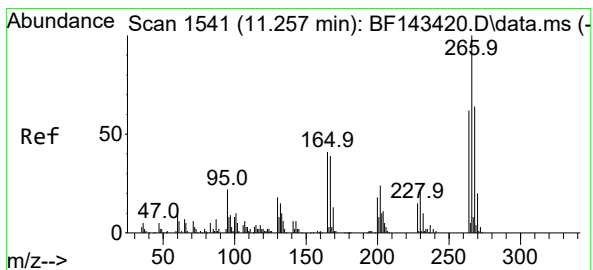
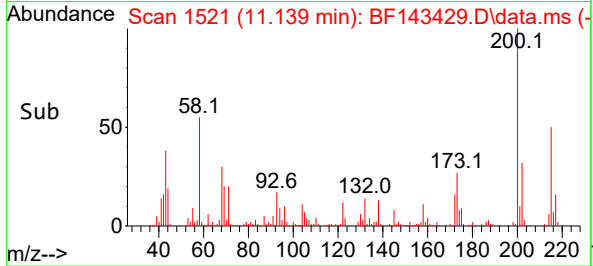
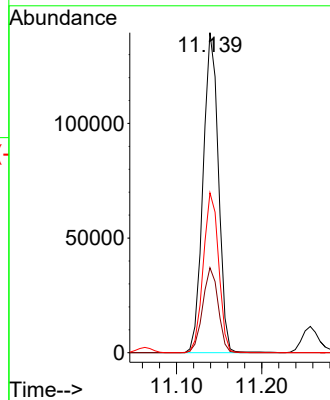
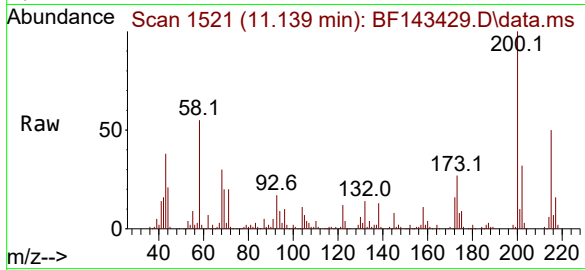
Tgt Ion:200 Resp: 174661

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

215 50.0 29.5 69.5



#70

Pentachlorophenol

Concen: 41.297 ng

RT: 11.257 min Scan# 1541

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

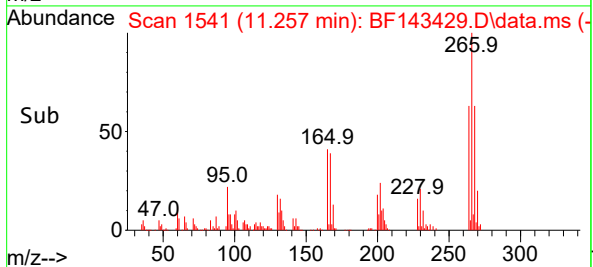
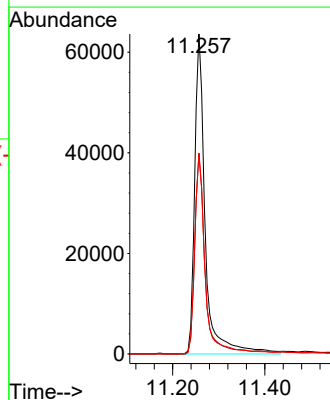
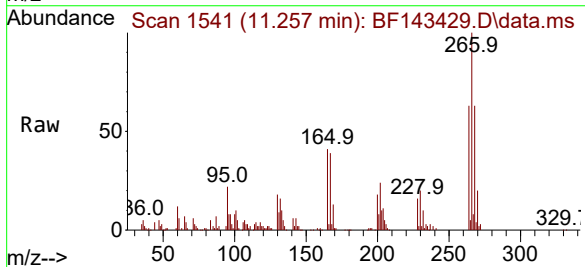
Tgt Ion:266 Resp: 101440

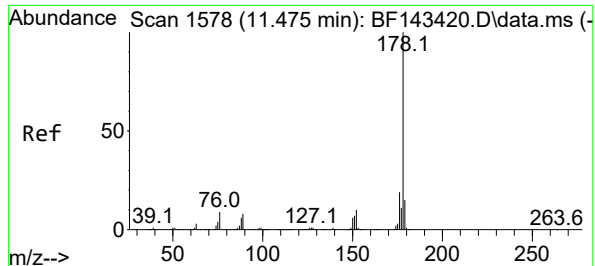
Ion Ratio Lower Upper

266 100

268 62.7 51.0 76.6

264 62.7 49.3 73.9

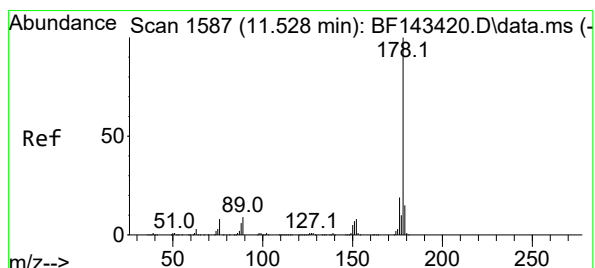
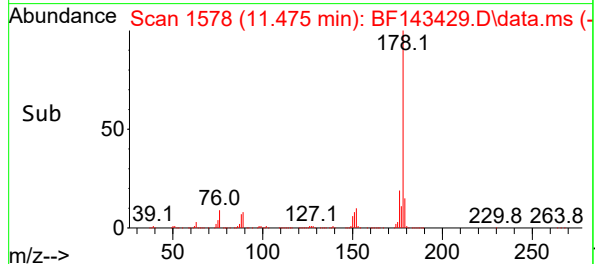
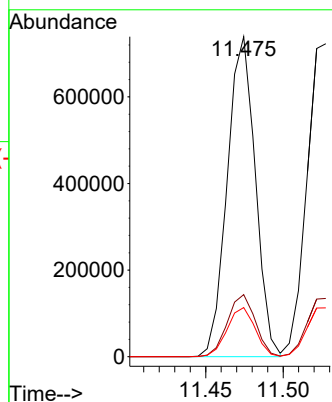
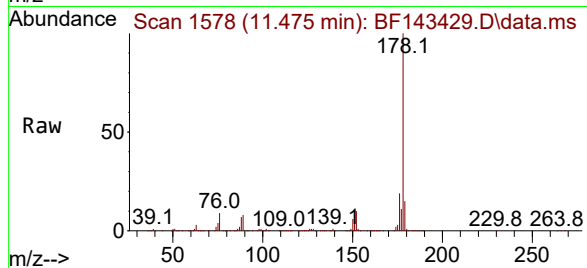




#71
Phenanthrene
Concen: 38.606 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

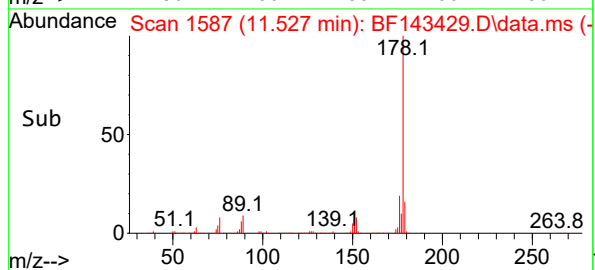
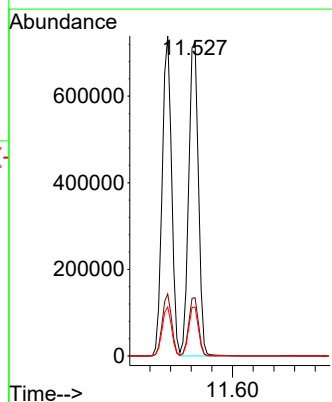
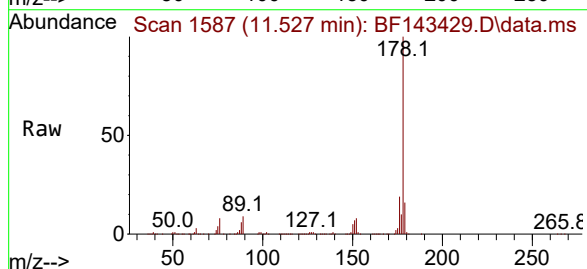
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

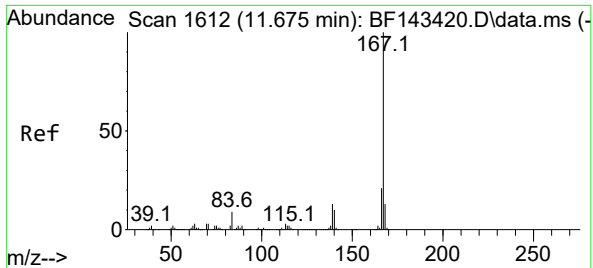
Tgt Ion:178 Resp: 930142
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.4 12.3 18.5



#72
Anthracene
Concen: 38.971 ng
RT: 11.527 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:178 Resp: 948346
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.6 12.2 18.4

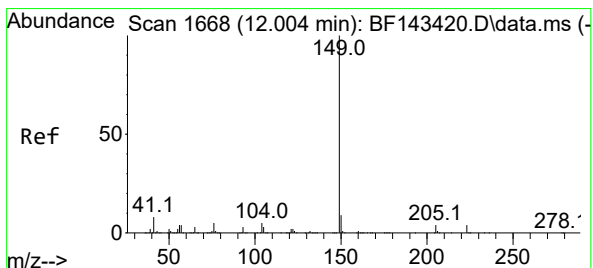
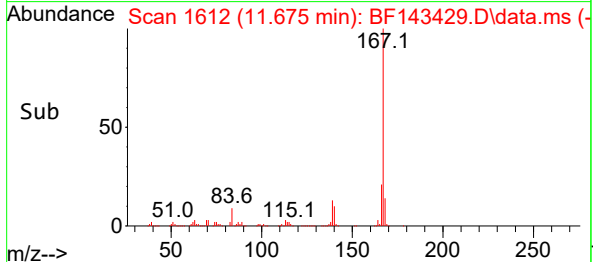
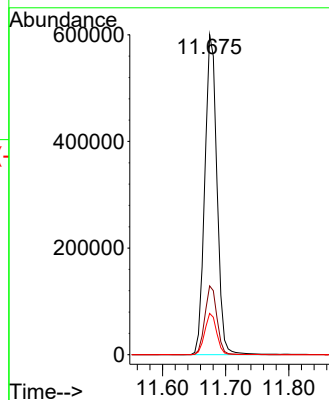
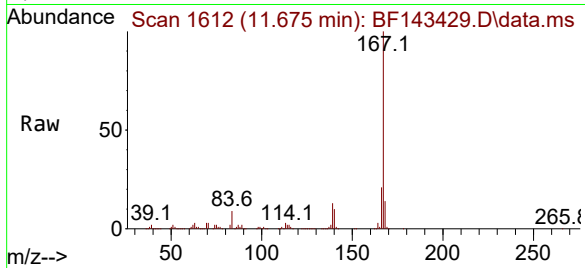




#73
Carbazole
Concen: 38.944 ng
RT: 11.675 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

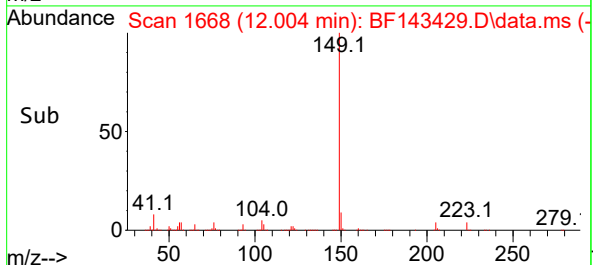
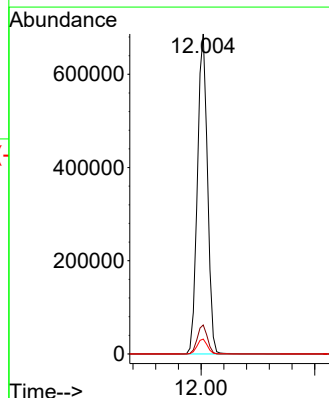
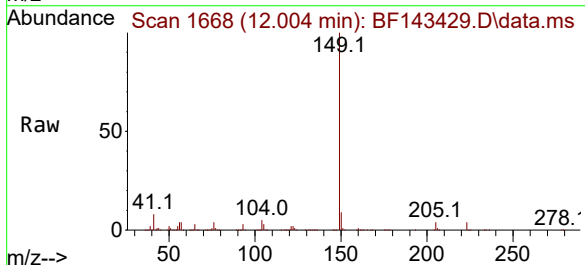
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

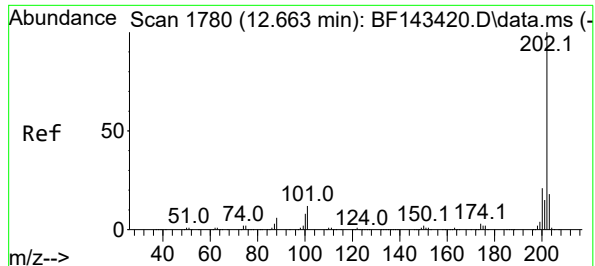
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.9	10.1	15.1



#74
Di-n-butylphthalate
Concen: 41.381 ng
RT: 12.004 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.7	3.8	5.6





#75

Fluoranthene

Concen: 39.159 ng

RT: 12.663 min Scan# 1780

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

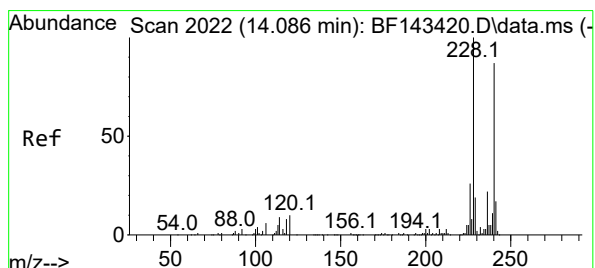
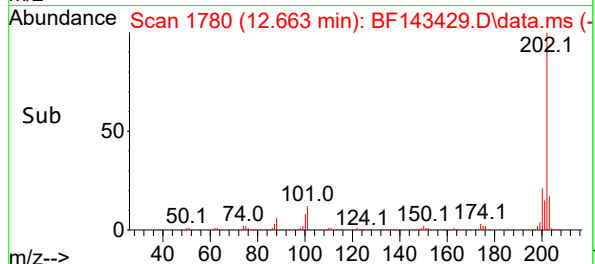
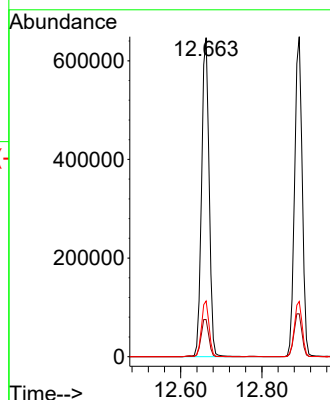
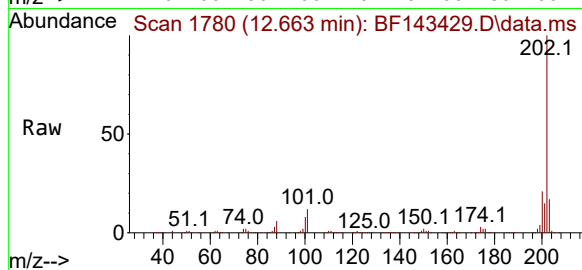
Tgt Ion:202 Resp: 838319

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.5

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

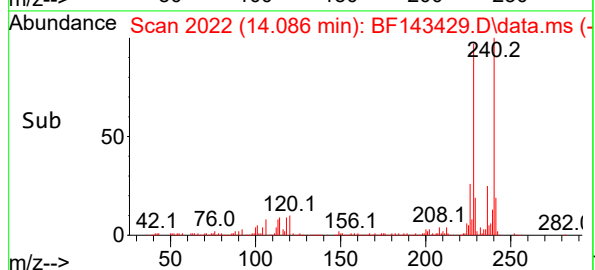
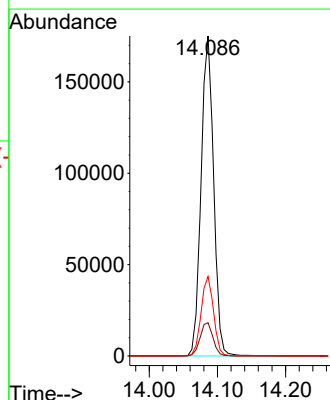
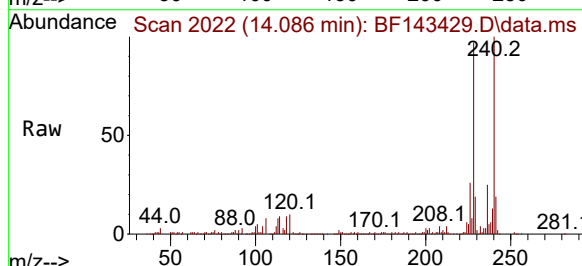
Tgt Ion:240 Resp: 223862

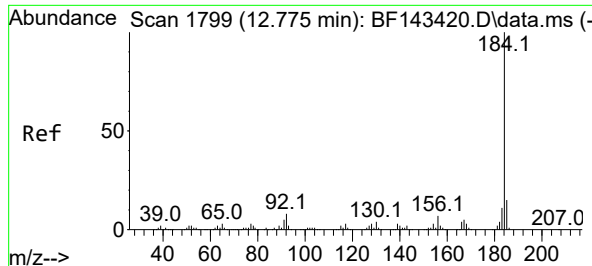
Ion Ratio Lower Upper

240 100

120 10.4 9.0 13.4

236 24.9 20.2 30.2





#77

Benzidine

Concen: 36.469 ng

RT: 12.774 min Scan# 1799

Delta R.T. -0.001 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

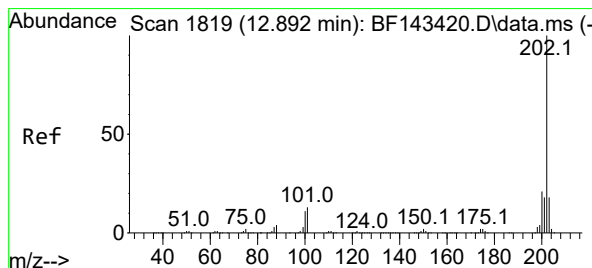
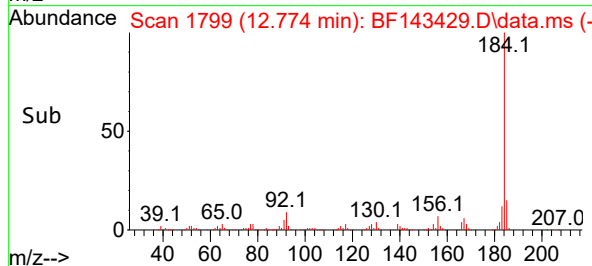
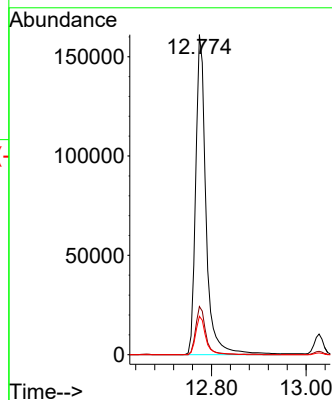
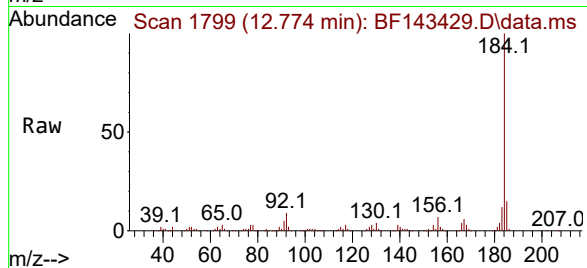
Tgt Ion:184 Resp: 243797

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.2

183 12.0 9.2 13.8



#78

Pyrene

Concen: 43.134 ng

RT: 12.892 min Scan# 1819

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

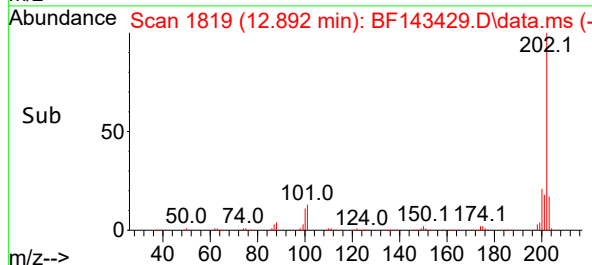
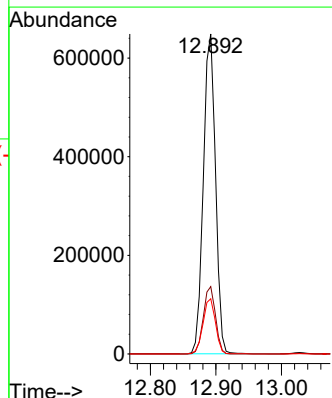
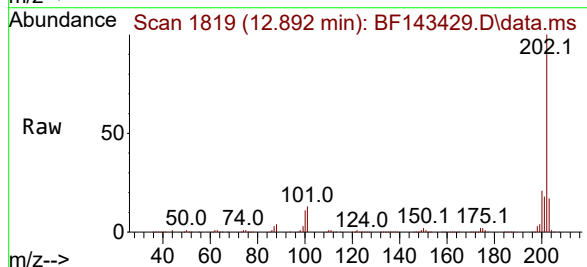
Tgt Ion:202 Resp: 839274

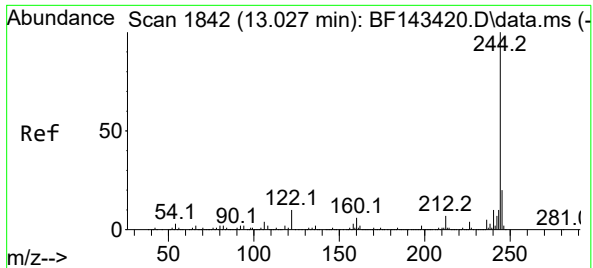
Ion Ratio Lower Upper

202 100

200 21.0 17.1 25.7

203 17.2 14.2 21.2





#79

Terphenyl-d14

Concen: 84.496 ng

RT: 13.027 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

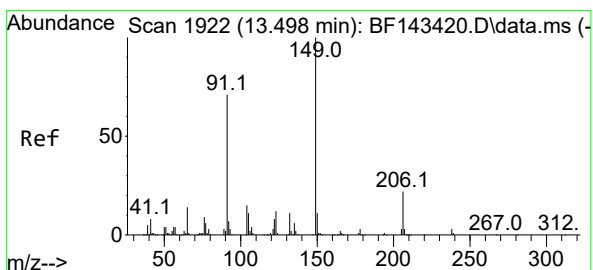
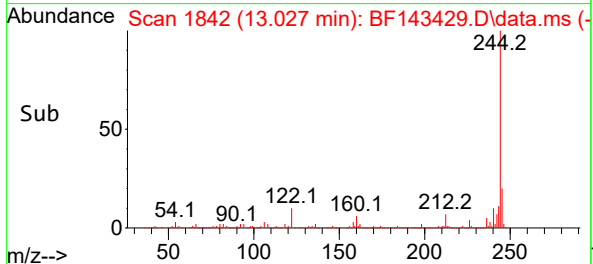
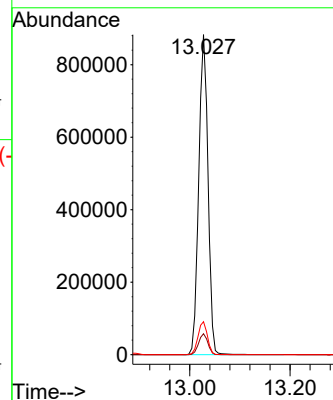
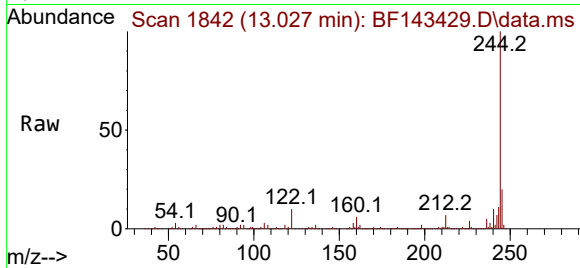
Tgt Ion:244 Resp: 1126019

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 10.3 8.3 12.5



#80

Butylbenzylphthalate

Concen: 39.994 ng

RT: 13.498 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

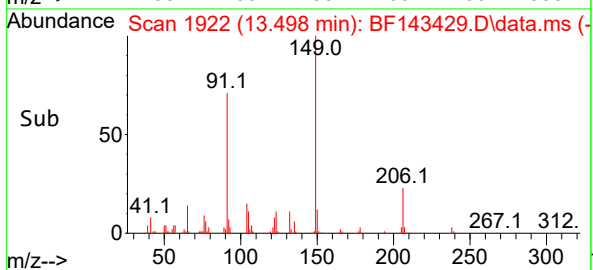
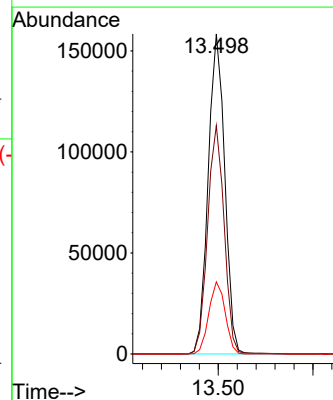
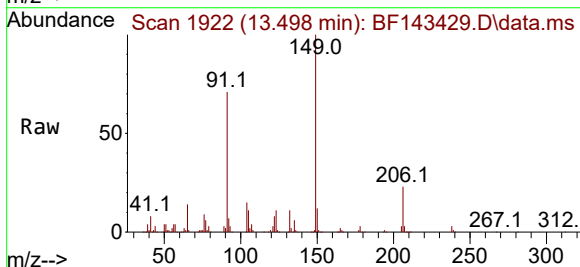
Tgt Ion:149 Resp: 192746

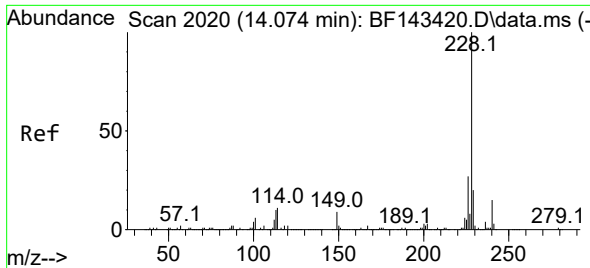
Ion Ratio Lower Upper

149 100

91 71.4 57.0 85.4

206 22.5 17.6 26.4

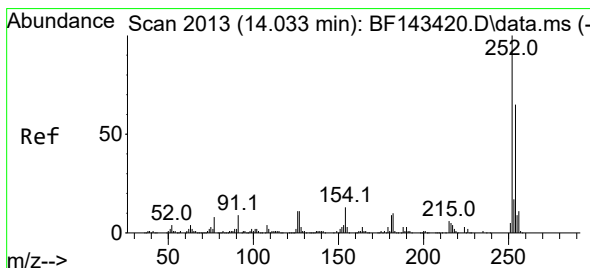
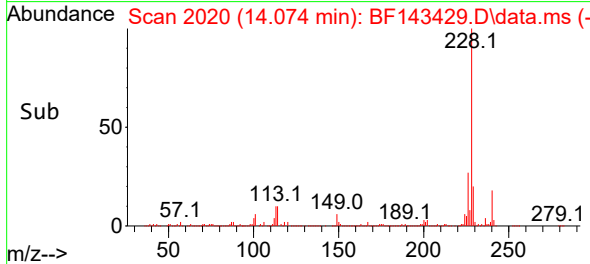
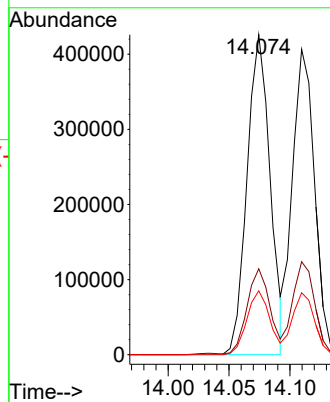
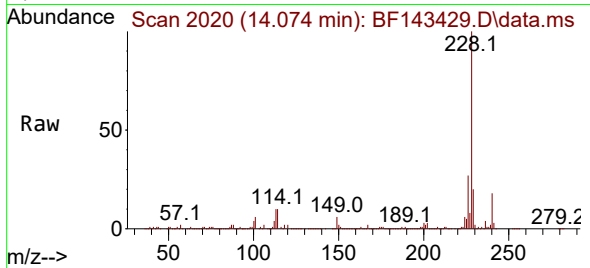




#81
Benzo(a)anthracene
Concen: 39.377 ng
RT: 14.074 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

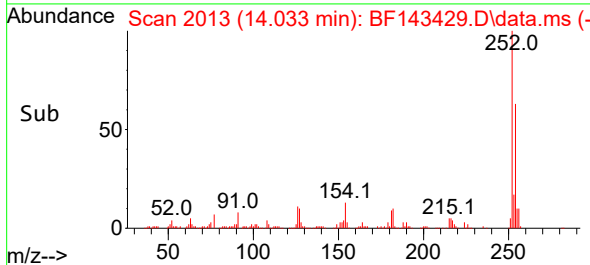
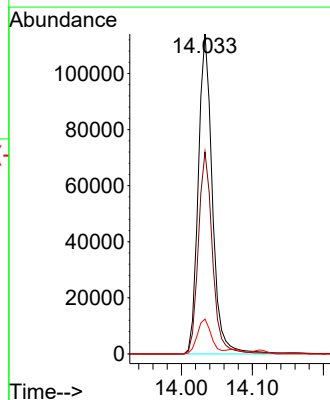
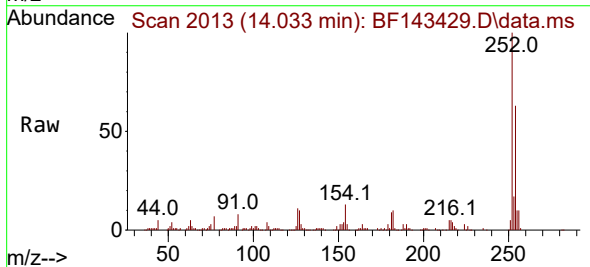
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

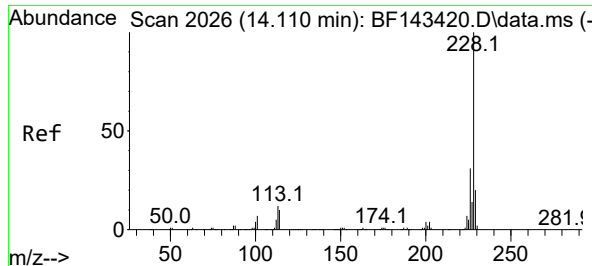
Tgt Ion:228 Resp: 561206
Ion Ratio Lower Upper
228 100
226 26.8 21.5 32.3
229 19.9 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 37.726 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:252 Resp: 157427
Ion Ratio Lower Upper
252 100
254 63.2 51.6 77.4
126 10.9 8.8 13.2





#83

Chrysene

Concen: 39.527 ng

RT: 14.110 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

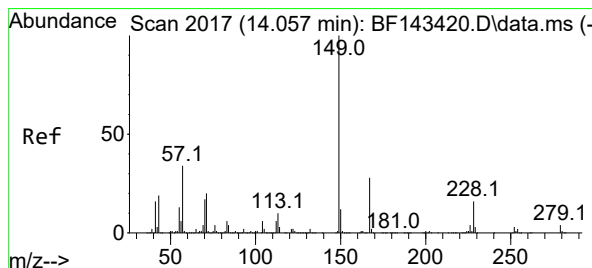
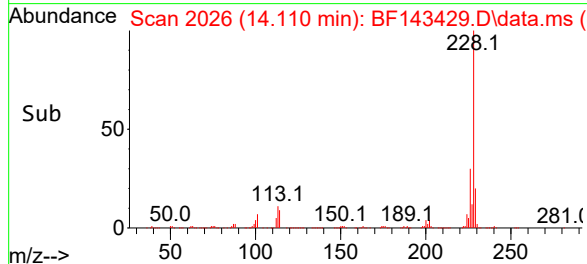
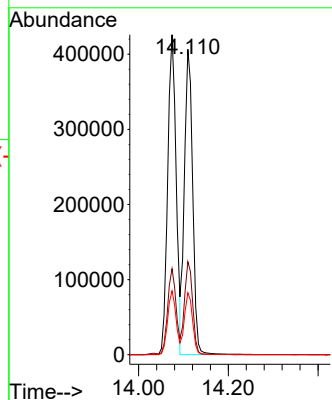
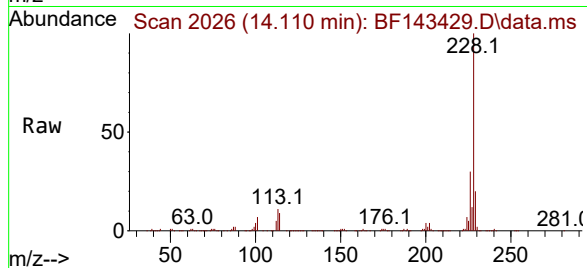
Tgt Ion:228 Resp: 520801

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 20.3 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.279 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

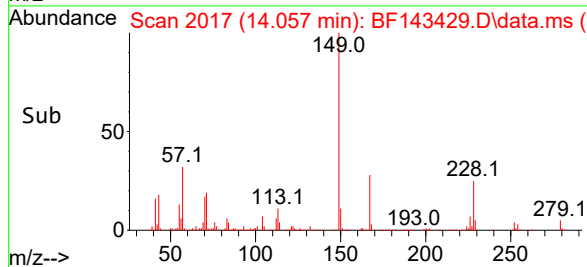
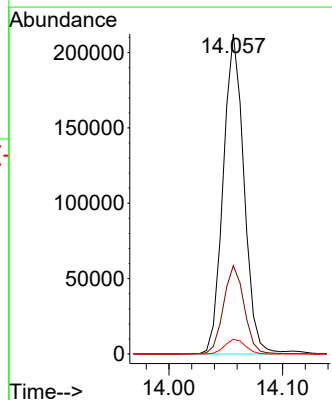
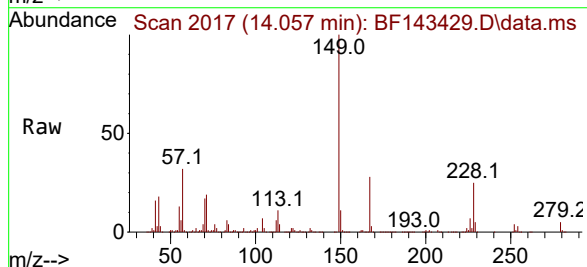
Tgt Ion:149 Resp: 268833

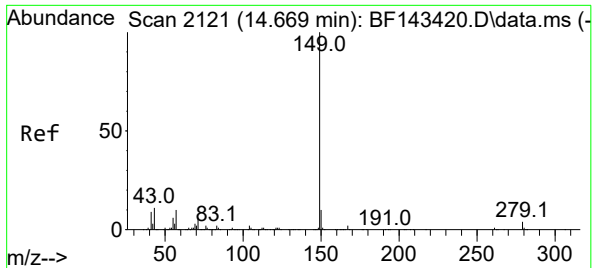
Ion Ratio Lower Upper

149 100

167 27.6 22.6 33.8

279 4.6 3.5 5.3

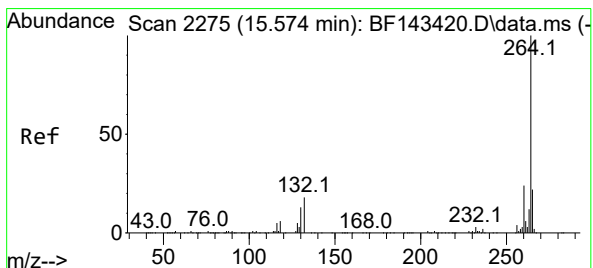
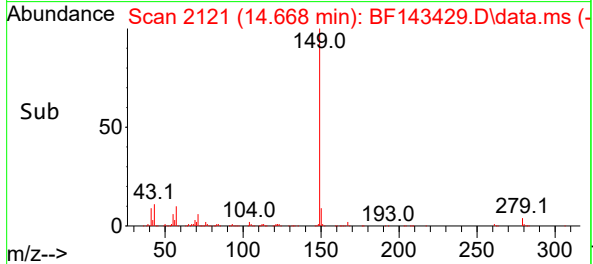
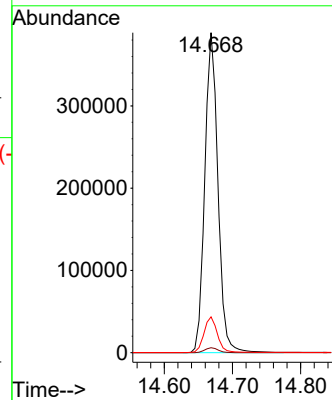
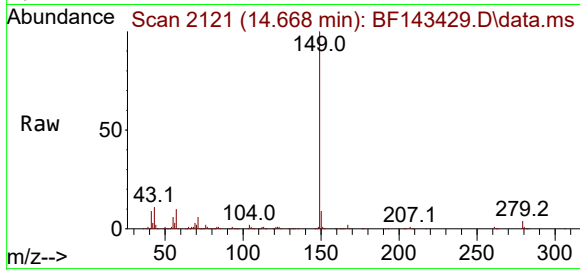




#85
Di-n-octyl phthalate
Concen: 37.527 ng
RT: 14.668 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

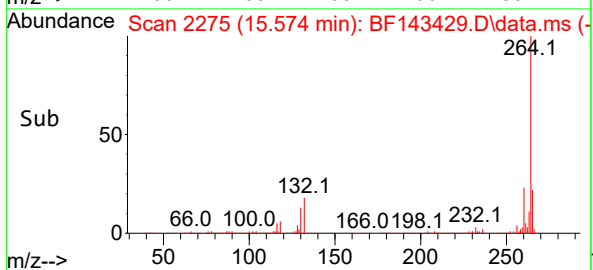
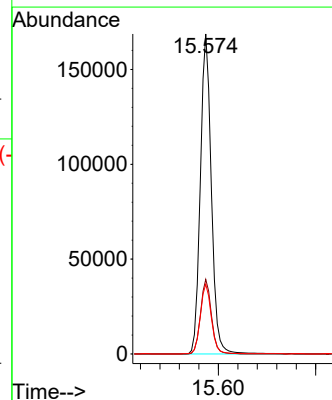
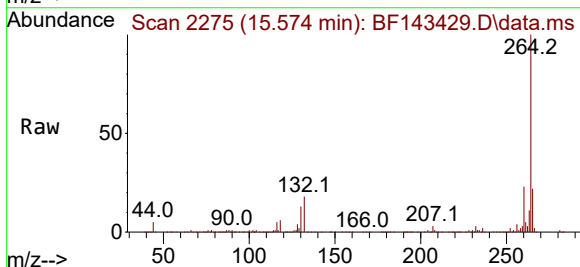
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

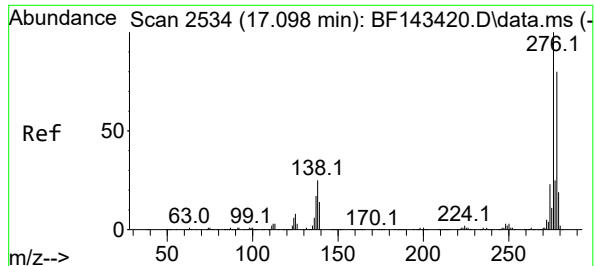
Tgt Ion:149 Resp: 520946
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.5 9.0 13.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:264 Resp: 265880
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.748 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

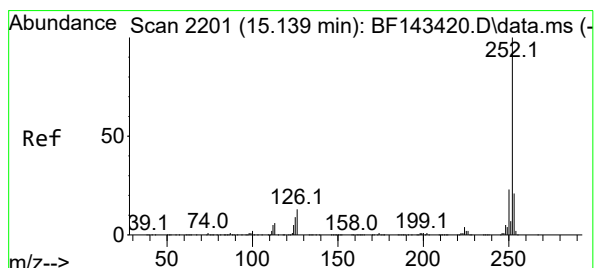
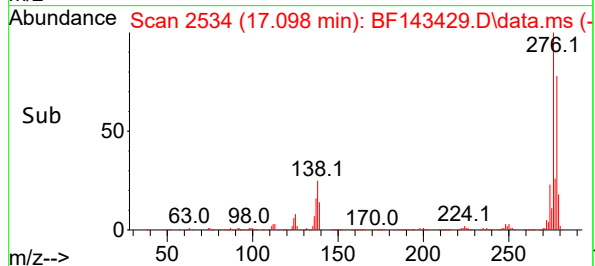
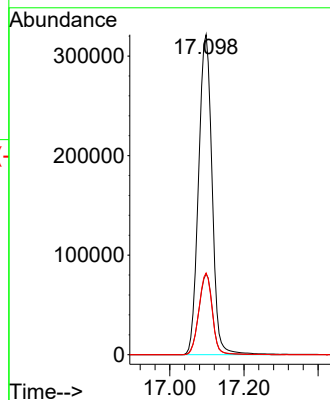
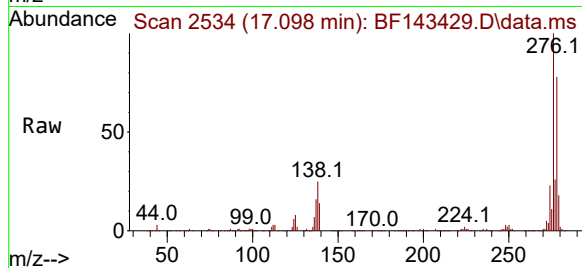
Tgt Ion:276 Resp: 812459

Ion Ratio Lower Upper

276 100

138 25.3 20.2 30.4

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 40.909 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

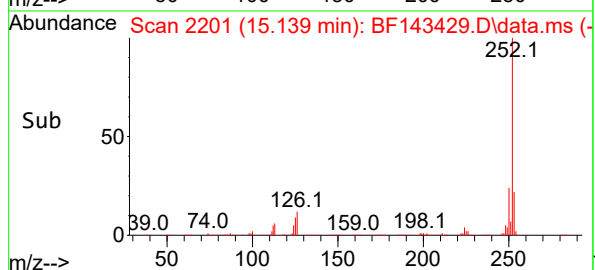
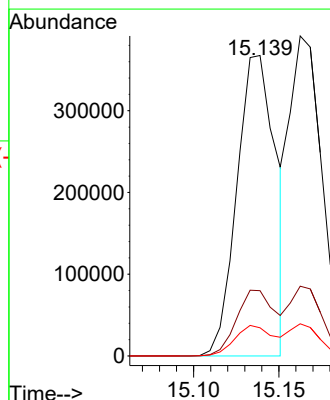
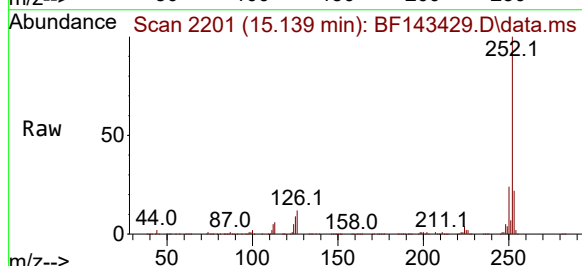
Tgt Ion:252 Resp: 582964

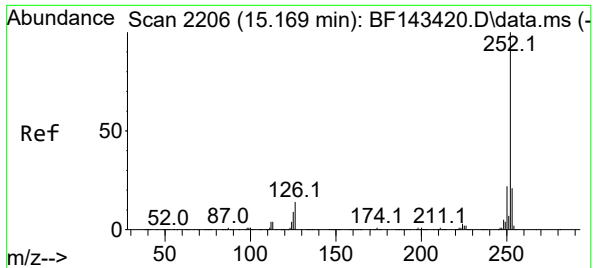
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 9.4 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 37.999 ng

RT: 15.163 min Scan# 2205

Delta R.T. -0.006 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

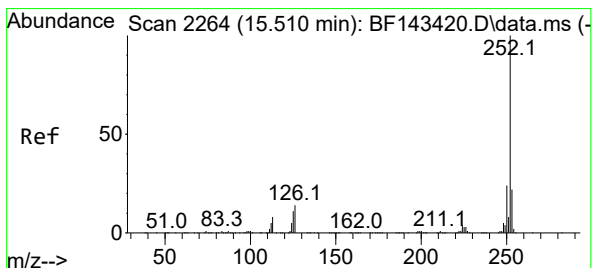
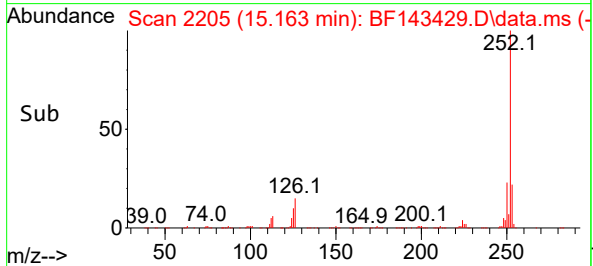
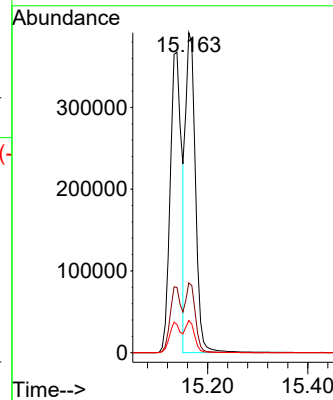
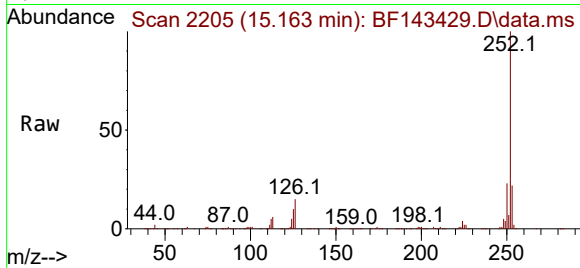
Tgt Ion:252 Resp: 534086

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 10.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 40.116 ng

RT: 15.510 min Scan# 2264

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

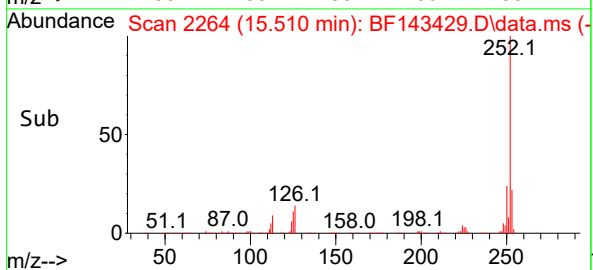
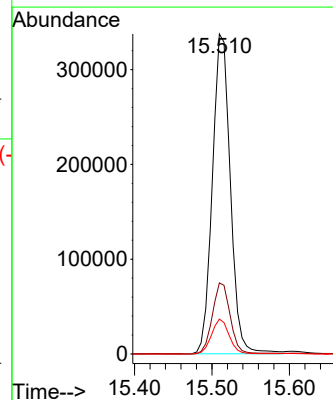
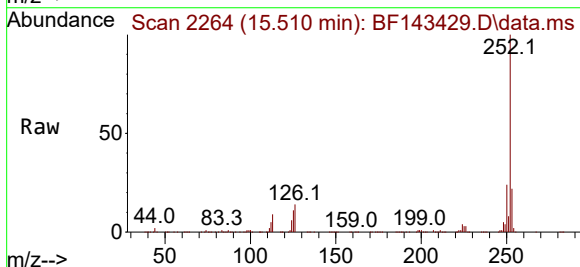
Tgt Ion:252 Resp: 544481

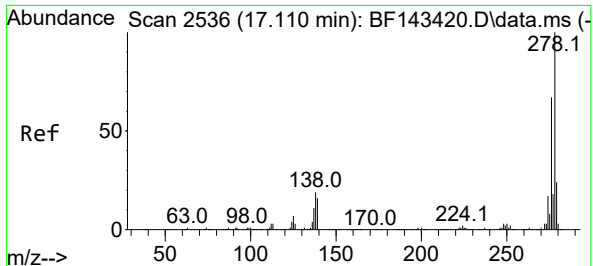
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 10.9 8.6 12.8

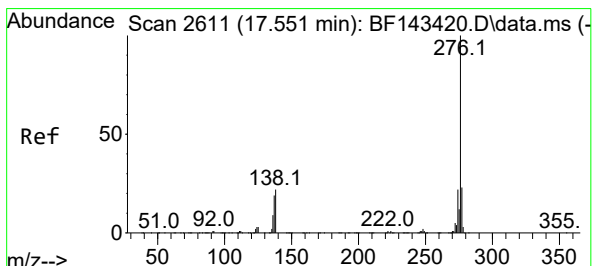
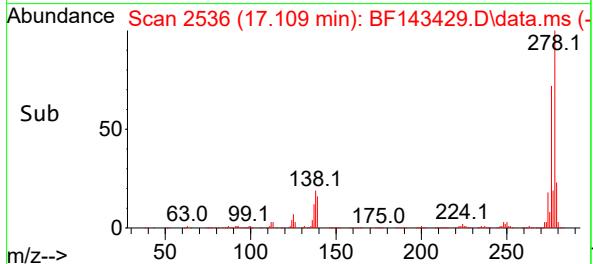
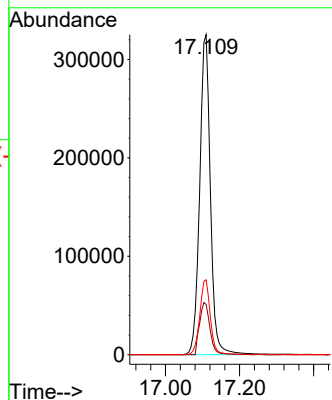
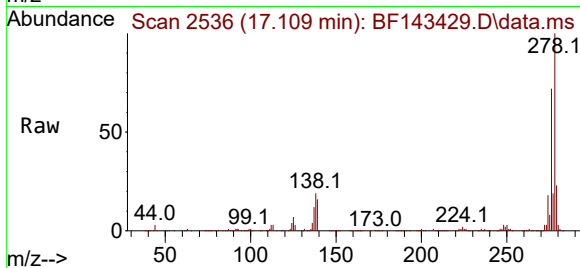




#91
Dibenzo(a,h)anthracene
Concen: 40.799 ng
RT: 17.109 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

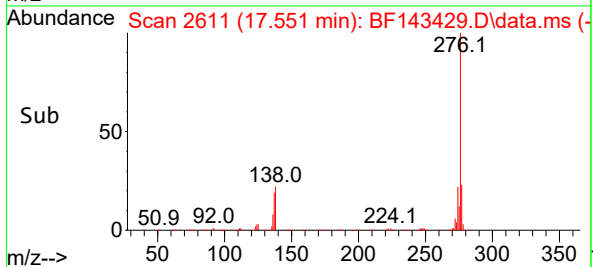
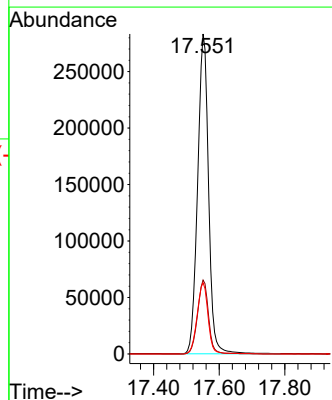
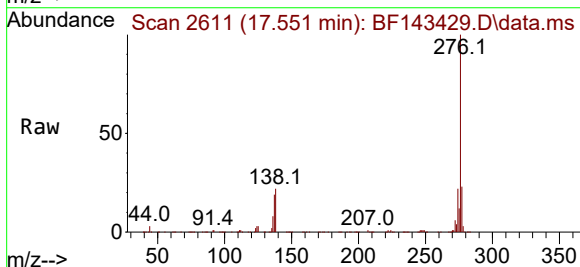
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 653257
Ion Ratio Lower Upper
278 100
139 15.7 12.9 19.3
279 23.4 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 41.024 ng
RT: 17.551 min Scan# 2611
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:276 Resp: 656182
Ion Ratio Lower Upper
276 100
277 23.1 18.7 28.1
138 22.3 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
 Data File : BF143429.D
 Acq On : 18 Aug 2025 09:06
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 18 12:15:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 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	100	0.00
2	1,4-Dioxane	0.554	0.558	-0.7	98	0.00
3	Pyridine	1.453	1.489	-2.5	100	0.00
4	n-Nitrosodimethylamine	0.675	0.680	-0.7	99	0.00
5 S	2-Fluorophenol	1.151	1.147	0.3	100	0.00
6	Aniline	1.968	1.971	-0.2	99	0.00
7 S	Phenol-d6	1.450	1.436	1.0	101	0.00
8	2-Chlorophenol	1.270	1.260	0.8	100	0.00
9	Benzaldehyde	0.771	0.668	13.4	91	0.00
10 C	Phenol	1.692	1.689	0.2	99	0.00
11	bis(2-Chloroethyl)ether	1.254	1.255	-0.1	101	0.00
12	1,3-Dichlorobenzene	1.423	1.391	2.2	99	0.00
13 C	1,4-Dichlorobenzene	1.421	1.421	0.0	101	0.00
14	1,2-Dichlorobenzene	1.357	1.339	1.3	101	0.00
15	Benzyl Alcohol	1.069	1.063	0.6	98	0.00
16	2,2'-oxybis(1-Chloropropane	2.144	2.128	0.7	101	0.00
17	2-Methylphenol	1.036	1.042	-0.6	101	0.00
18	Hexachloroethane	0.484	0.475	1.9	99	0.00
19 P	n-Nitroso-di-n-propylamine	0.898	0.877	2.3	101	0.00
20	3+4-Methylphenols	1.239	1.257	-1.5	101	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	102	0.00
22	Acetophenone	0.430	0.414	3.7	101	0.00
23 S	Nitrobenzene-d5	0.337	0.332	1.5	100	0.00
24	Nitrobenzene	0.352	0.351	0.3	100	0.00
25	Isophorone	0.645	0.643	0.3	103	0.00
26 C	2-Nitrophenol	0.163	0.151	7.4	91	0.00
27	2,4-Dimethylphenol	0.276	0.268	2.9	101	0.00
28	bis(2-Chloroethoxy)methane	0.397	0.391	1.5	102	0.00
29 C	2,4-Dichlorophenol	0.281	0.283	-0.7	102	0.00
30	1,2,4-Trichlorobenzene	0.288	0.283	1.7	102	0.00
31	Naphthalene	0.950	0.937	1.4	101	0.00
32	Benzoic acid	0.144	0.118	18.1	84	0.00
33	4-Chloroaniline	0.343	0.341	0.6	101	0.00
34 C	Hexachlorobutadiene	0.184	0.183	0.5	102	0.00
35	Caprolactam	0.081	0.083	-2.5	105	0.00
36 C	4-Chloro-3-methylphenol	0.290	0.288	0.7	102	0.00
37	2-Methylnaphthalene	0.640	0.625	2.3	102	0.00
38	1-Methylnaphthalene	0.613	0.598	2.4	102	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	102	0.00
40	1,2,4,5-Tetrachlorobenzene	0.558	0.548	1.8	102	0.00
41 P	Hexachlorocyclopentadiene	0.167	0.174	-4.2	99	0.00
42 S	2,4,6-Tribromophenol	0.178	0.181	-1.7	104	0.00
43 C	2,4,6-Trichlorophenol	0.348	0.342	1.7	99	0.00
44	2,4,5-Trichlorophenol	0.373	0.377	-1.1	102	0.00
45 S	2-Fluorobiphenyl	1.189	1.141	4.0	103	0.00
46	1,1'-Biphenyl	1.405	1.376	2.1	102	0.00
47	2-Chloronaphthalene	1.109	1.091	1.6	103	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
 Data File : BF143429.D
 Acq On : 18 Aug 2025 09:06
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 18 12:15:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 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	0.330	0.328	0.6	100	0.00
49	Acenaphthylene	1.602	1.588	0.9	103	0.00
50	Dimethylphthalate	1.247	1.252	-0.4	106	0.00
51	2,6-Dinitrotoluene	0.246	0.252	-2.4	102	0.00
52 C	Acenaphthene	1.077	1.053	2.2	103	0.00
53	3-Nitroaniline	0.274	0.285	-4.0	103	0.00
54 P	2,4-Dinitrophenol	0.097	0.083	14.4	89	0.00
55	Dibenzofuran	1.554	1.532	1.4	103	0.00
56 P	4-Nitrophenol	0.172	0.176	-2.3	100	0.00
57	2,4-Dinitrotoluene	0.328	0.345	-5.2	106	0.00
58	Fluorene	1.194	1.165	2.4	105	0.00
59	2,3,4,6-Tetrachlorophenol	0.282	0.284	-0.7	97	0.00
60	Diethylphthalate	1.152	1.161	-0.8	107	0.00
61	4-Chlorophenyl-phenylether	0.590	0.588	0.3	105	0.00
62	4-Nitroaniline	0.256	0.269	-5.1	105	0.00
63	Azobenzene	1.165	1.181	-1.4	106	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	106	0.00
65	4,6-Dinitro-2-methylphenol	0.103	0.093	9.7	92	0.00
66 c	n-Nitrosodiphenylamine	0.650	0.637	2.0	105	0.00
67	4-Bromophenyl-phenylether	0.236	0.234	0.8	105	0.00
68	Hexachlorobenzene	0.251	0.247	1.6	108	0.00
69	Atrazine	0.190	0.196	-3.2	110	0.00
70 C	Pentachlorophenol	0.110	0.114	-3.6	106	0.00
71	Phenanthrene	1.083	1.045	3.5	105	0.00
72	Anthracene	1.094	1.066	2.6	106	0.00
73	Carbazole	0.925	0.901	2.6	107	0.00
74	Di-n-butylphthalate	0.921	0.953	-3.5	114	0.00
75 C	Fluoranthene	0.962	0.942	2.1	112	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	103	0.00
77	Benzydine	0.597	0.545	8.7	99	0.00
78	Pyrene	1.738	1.875	-7.9	114	0.00
79 S	Terphenyl-d14	1.191	1.257	-5.5	113	0.00
80	Butylbenzylphthalate	0.431	0.431	0.0	97	0.00
81	Benzo(a)anthracene	1.273	1.253	1.6	103	0.00
82	3,3'-Dichlorobenzidine	0.373	0.352	5.6	92	0.00
83	Chrysene	1.177	1.163	1.2	100	0.00
84	Bis(2-ethylhexyl)phthalate	0.611	0.600	1.8	93	0.00
85 c	Di-n-octyl phthalate	1.240	1.164	6.1	90	0.00
86 I	Perylene-d12	1.000	1.000	0.0	94	0.00
87	Indeno(1,2,3-cd)pyrene	1.500	1.528	-1.9	96	0.00
88	Benzo(b)fluoranthene	1.072	1.096	-2.2	95	0.00
89	Benzo(k)fluoranthene	1.057	1.004	5.0	90	0.00
90 C	Benzo(a)pyrene	1.021	1.024	-0.3	92	0.00
91	Dibenzo(a,h)anthracene	1.204	1.228	-2.0	96	0.00
92	Benzo(g,h,i)perylene	1.203	1.234	-2.6	96	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143429.D
Acq On : 18 Aug 2025 09:06
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 18 12:15:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
 Data File : BF143429.D
 Acq On : 18 Aug 2025 09:06
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
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Instrument :
 BNA_F
 LabSampleId :
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Quant Time: Aug 18 12:15:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 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	100	0.00
2	1,4-Dioxane	40.000	40.318	-0.8	98	0.00
3	Pyridine	40.000	41.002	-2.5	100	0.00
4	n-Nitrosodimethylamine	40.000	40.291	-0.7	99	0.00
5 S	2-Fluorophenol	80.000	79.757	0.3	100	0.00
6	Aniline	40.000	40.046	-0.1	99	0.00
7 S	Phenol-d6	80.000	79.211	1.0	101	0.00
8	2-Chlorophenol	40.000	39.684	0.8	100	0.00
9	Benzaldehyde	40.000	34.649	13.4	91	0.00
10 C	Phenol	40.000	39.926	0.2	99	0.00
11	bis(2-Chloroethyl)ether	40.000	40.041	-0.1	101	0.00
12	1,3-Dichlorobenzene	40.000	39.111	2.2	99	0.00
13 C	1,4-Dichlorobenzene	40.000	40.024	-0.1	101	0.00
14	1,2-Dichlorobenzene	40.000	39.471	1.3	101	0.00
15	Benzyl Alcohol	40.000	39.755	0.6	98	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	39.697	0.8	101	0.00
17	2-Methylphenol	40.000	40.203	-0.5	101	0.00
18	Hexachloroethane	40.000	39.332	1.7	99	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	39.095	2.3	101	0.00
20	3+4-Methylphenols	40.000	40.587	-1.5	101	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	102	0.00
22	Acetophenone	40.000	38.491	3.8	101	0.00
23 S	Nitrobenzene-d5	80.000	78.742	1.6	100	0.00
24	Nitrobenzene	40.000	39.898	0.3	100	0.00
25	Isophorone	40.000	39.881	0.3	103	0.00
26 C	2-Nitrophenol	40.000	37.029	7.4	91	0.00
27	2,4-Dimethylphenol	40.000	38.859	2.9	101	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.401	1.5	102	0.00
29 C	2,4-Dichlorophenol	40.000	40.183	-0.5	102	0.00
30	1,2,4-Trichlorobenzene	40.000	39.312	1.7	102	0.00
31	Naphthalene	40.000	39.484	1.3	101	0.00
32	Benzoic acid	40.000	32.963	17.6	84	0.00
33	4-Chloroaniline	40.000	39.758	0.6	101	0.00
34 C	Hexachlorobutadiene	40.000	39.883	0.3	102	0.00
35	Caprolactam	40.000	41.013	-2.5	105	0.00
36 C	4-Chloro-3-methylphenol	40.000	39.801	0.5	102	0.00
37	2-Methylnaphthalene	40.000	39.050	2.4	102	0.00
38	1-Methylnaphthalene	40.000	39.007	2.5	102	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	102	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	39.273	1.8	102	0.00
41 P	Hexachlorocyclopentadiene	40.000	37.941	5.1	99	0.00
42 S	2,4,6-Tribromophenol	80.000	81.149	-1.4	104	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.295	1.8	99	0.00
44	2,4,5-Trichlorophenol	40.000	40.430	-1.1	102	0.00
45 S	2-Fluorobiphenyl	80.000	76.776	4.0	103	0.00
46	1,1'-Biphenyl	40.000	39.170	2.1	102	0.00
47	2-Chloronaphthalene	40.000	39.356	1.6	103	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
 Data File : BF143429.D
 Acq On : 18 Aug 2025 09:06
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 18 12:15:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	39.687	0.8	100	0.00
49	Acenaphthylene	40.000	39.654	0.9	103	0.00
50	Dimethylphthalate	40.000	40.165	-0.4	106	0.00
51	2,6-Dinitrotoluene	40.000	40.951	-2.4	102	0.00
52 C	Acenaphthene	40.000	39.115	2.2	103	0.00
53	3-Nitroaniline	40.000	41.565	-3.9	103	0.00
54 P	2,4-Dinitrophenol	40.000	32.877	17.8	89	0.00
55	Dibenzofuran	40.000	39.442	1.4	103	0.00
56 P	4-Nitrophenol	40.000	40.781	-2.0	100	0.00
57	2,4-Dinitrotoluene	40.000	42.149	-5.4	106	0.00
58	Fluorene	40.000	39.029	2.4	105	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.256	-0.6	97	0.00
60	Diethylphthalate	40.000	40.299	-0.7	107	0.00
61	4-Chlorophenyl-phenylether	40.000	39.864	0.3	105	0.00
62	4-Nitroaniline	40.000	41.970	-4.9	105	0.00
63	Azobenzene	40.000	40.549	-1.4	106	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	106	0.00
65	4,6-Dinitro-2-methylphenol	40.000	36.136	9.7	92	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.195	2.0	105	0.00
67	4-Bromophenyl-phenylether	40.000	39.604	1.0	105	0.00
68	Hexachlorobenzene	40.000	39.348	1.6	108	0.00
69	Atrazine	40.000	41.277	-3.2	110	0.00
70 C	Pentachlorophenol	40.000	41.297	-3.2	106	0.00
71	Phenanthrene	40.000	38.606	3.5	105	0.00
72	Anthracene	40.000	38.971	2.6	106	0.00
73	Carbazole	40.000	38.944	2.6	107	0.00
74	Di-n-butylphthalate	40.000	41.381	-3.5	114	0.00
75 C	Fluoranthene	40.000	39.159	2.1	112	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	103	0.00
77	Benzydine	40.000	36.469	8.8	99	0.00
78	Pyrene	40.000	43.134	-7.8	114	0.00
79 S	Terphenyl-d14	80.000	84.496	-5.6	113	0.00
80	Butylbenzylphthalate	40.000	39.994	0.0	97	0.00
81	Benzo(a)anthracene	40.000	39.377	1.6	103	0.00
82	3,3'-Dichlorobenzidine	40.000	37.726	5.7	92	0.00
83	Chrysene	40.000	39.527	1.2	100	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	39.279	1.8	93	0.00
85 c	Di-n-octyl phthalate	40.000	37.527	6.2	90	0.00
86 I	Perylene-d12	20.000	20.000	0.0	94	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	40.748	-1.9	96	0.00
88	Benzo(b)fluoranthene	40.000	40.909	-2.3	95	0.00
89	Benzo(k)fluoranthene	40.000	37.999	5.0	90	0.00
90 C	Benzo(a)pyrene	40.000	40.116	-0.3	92	0.00
91	Dibenzo(a,h)anthracene	40.000	40.799	-2.0	96	0.00
92	Benzo(g,h,i)perylene	40.000	41.024	-2.6	96	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143429.D
Acq On : 18 Aug 2025 09:06
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 18 12:15:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 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: Alliance Contract: ENTA05
 Lab Code: ACE SDG No.: Q2837
 Instrument ID: BNA_P Calibration Date/Time: 08/15/2025 10:36
 Lab File ID: BP025422.D Init. Calib. Date(s): 08/14/2025 08/14/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.169		-2.9	
Phenol-d6	1.544	1.519		-1.6	
Phenol	1.620	1.590		-1.9	20.0
1,4-Dichlorobenzene	1.532	1.481		-3.3	20.0
Nitrobenzene-d5	0.395	0.392		-0.8	
1,2,4-Trichlorobenzene	0.340	0.322		-5.3	
Naphthalene	1.040	0.996		-4.2	
2-Fluorobiphenyl	1.463	1.380		-5.7	
2,4,6-Tribromophenol	0.269	0.264		-1.9	
Terphenyl-d14	1.093	1.026		-6.1	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025422.D
 Acq On : 15 Aug 2025 10:36
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025

Quant Time: Aug 15 11:23:48 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 14 18:14:31 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	163210	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	699113	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	458301	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	913689	20.000	ng	0.00
76) Chrysene-d12	21.648	240	958309	20.000	ng	0.00
86) Perylene-d12	25.012	264	1096861	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	763443	77.682	ng	0.00
7) Phenol-d6	6.966	99	991544	78.694	ng	0.00
23) Nitrobenzene-d5	8.931	82	1096890	79.367	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	483517	78.381	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2530106	75.449	ng	0.00
79) Terphenyl-d14	19.918	244	3932091	75.070	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	143562	37.293	ng	98
3) Pyridine	3.725	79	405696	38.504	ng	96
4) n-Nitrosodimethylamine	3.637	42	179582	41.341	ng	98
6) Aniline	7.119	93	677656	39.917	ng	100
8) 2-Chlorophenol	7.360	128	438538	39.543	ng	98
9) Benzaldehyde	6.937	77	464483	52.616	ng	98
10) Phenol	6.990	94	518982	39.253	ng	97
11) bis(2-Chloroethyl)ether	7.213	93	406260	39.423	ng	98
12) 1,3-Dichlorobenzene	7.678	146	482648	39.468	ng	98
13) 1,4-Dichlorobenzene	7.819	146	483294	38.666	ng	98
14) 1,2-Dichlorobenzene	8.137	146	469905	38.837	ng	97
15) Benzyl Alcohol	8.019	79	402455	40.199	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.307	45	556083	40.282	ng	99
17) 2-Methylphenol	8.219	107	365027	39.752	ng	98
18) Hexachloroethane	8.860	117	181724	39.542	ng	96
19) n-Nitroso-di-n-propyla...	8.584	70	328037	39.304	ng	98
20) 3+4-Methylphenols	8.543	107	503552	39.561	ng	97
22) Acetophenone	8.595	105	680116	38.792	ng	98
24) Nitrobenzene	8.966	77	491654	39.805	ng	99
25) Isophorone	9.495	82	938896	38.387	ng	99
26) 2-Nitrophenol	9.672	139	250121	39.458	ng	98
27) 2,4-Dimethylphenol	9.737	122	425335	39.018	ng	98
28) bis(2-Chloroethoxy)met...	9.960	93	565633	38.258	ng	98
29) 2,4-Dichlorophenol	10.207	162	419343	38.724	ng	100
30) 1,2,4-Trichlorobenzene	10.419	180	450156	37.921	ng	98
31) Naphthalene	10.607	128	1392577	38.324	ng	100
32) Benzoic acid	9.872	122	303683	37.734	ng	94
33) 4-Chloroaniline	10.707	127	628608	39.164	ng	100
34) Hexachlorobutadiene	10.895	225	285751	38.652	ng	97
35) Caprolactam	11.489	113	150695	37.951	ng	96
36) 4-Chloro-3-methylphenol	11.825	107	482622	38.840	ng	98
37) 2-Methylnaphthalene	12.213	142	903084	38.190	ng	98
38) 1-Methylnaphthalene	12.431	142	941493	37.439	ng	100
40) 1,2,4,5-Tetrachloroben...	12.584	216	512464	38.717	ng	100
41) Hexachlorocyclopentadiene	12.566	237	322360	40.319	ng	98
43) 2,4,6-Trichlorophenol	12.819	196	351101	39.291	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025422.D
 Acq On : 15 Aug 2025 10:36
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/18/2025
 Supervised By :Jagrut Upadhyay 08/18/2025

Quant Time: Aug 15 11:23:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.889	196	388369	39.656	ng	99
46) 1,1'-Biphenyl	13.225	154	1287182	38.672	ng	99
47) 2-Chloronaphthalene	13.266	162	1004850	38.780	ng	100
48) 2-Nitroaniline	13.466	65	308875	40.910	ng	98
49) Acenaphthylene	14.125	152	1648885	38.457	ng	100
50) Dimethylphthalate	13.854	163	1276659	38.040	ng	99
51) 2,6-Dinitrotoluene	13.966	165	287385	40.628	ng	98
52) Acenaphthene	14.472	154	949003m	37.707	ng	
53) 3-Nitroaniline	14.295	138	318681	40.043	ng	95
54) 2,4-Dinitrophenol	14.507	184	150322	39.794	ng	96
55) Dibenzofuran	14.813	168	1491927	37.495	ng	100
56) 4-Nitrophenol	14.607	139	260098	39.771	ng	93
57) 2,4-Dinitrotoluene	14.766	165	408919	40.518	ng	95
58) Fluorene	15.472	166	1165482	37.121	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.036	232	345273	39.927	ng	99
60) Diethylphthalate	15.236	149	1297841	38.058	ng	99
61) 4-Chlorophenyl-phenyle...	15.460	204	575339	36.845	ng	95
62) 4-Nitroaniline	15.483	138	321438	39.397	ng	96
63) Azobenzene	15.760	77	1147009	39.282	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	223566	39.253	ng	96
66) n-Nitrosodiphenylamine	15.672	169	1073233	38.519	ng	99
67) 4-Bromophenyl-phenylether	16.372	248	383814	38.195	ng	97
68) Hexachlorobenzene	16.495	284	442250	37.966	ng	98
69) Atrazine	16.654	200	395168	37.872	ng	98
70) Pentachlorophenol	16.842	266	299142	40.681	ng	96
71) Phenanthrene	17.248	178	1900372	37.862	ng	100
72) Anthracene	17.336	178	1953735	38.117	ng	99
73) Carbazole	17.613	167	1812820	37.549	ng	98
74) Di-n-butylphthalate	18.207	149	2277638	38.345	ng	100
75) Fluoranthene	19.324	202	2258336	37.721	ng	99
77) Benzidine	19.513	184	1861268	56.911	ng	99
78) Pyrene	19.701	202	2359709	37.884	ng	99
80) Butylbenzylphthalate	20.654	149	1064206	37.699	ng	96
81) Benzo(a)anthracene	21.630	228	2390024	37.816	ng	99
82) 3,3'-Dichlorobenzidine	21.536	252	906596	38.057	ng	99
83) Chrysene	21.695	228	2241792	37.876	ng	99
84) Bis(2-ethylhexyl)phtha...	21.571	149	1539693	37.052	ng	100
85) Di-n-octyl phthalate	22.859	149	2645927	37.018	ng	99
87) Indeno(1,2,3-cd)pyrene	28.865	276	3143696	39.082	ng	98
88) Benzo(b)fluoranthene	23.942	252	2512340	38.843	ng	99
89) Benzo(k)fluoranthene	24.012	252	2488345	38.446	ng	99
90) Benzo(a)pyrene	24.853	252	2443181	38.805	ng	99
91) Dibenzo(a,h)anthracene	28.930	278	2595384	39.482	ng	98
92) Benzo(g,h,i)perylene	30.012	276	2536518	39.255	ng	100

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

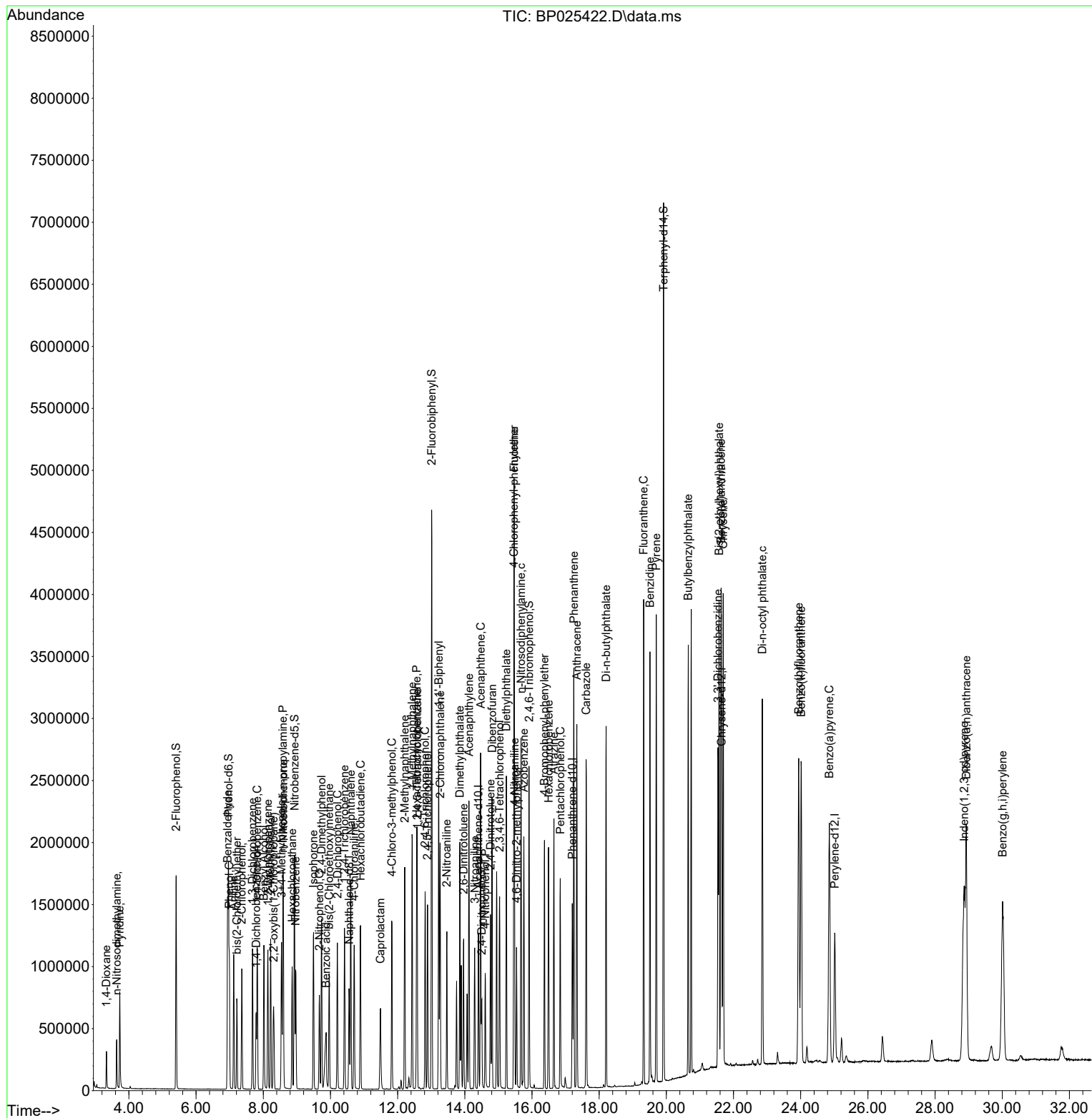
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025422.D
 Acq On : 15 Aug 2025 10:36
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

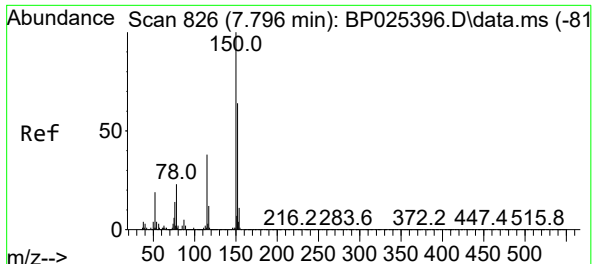
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/18/2025
 Supervised By :Jagrut Upadhyay 08/18/2025

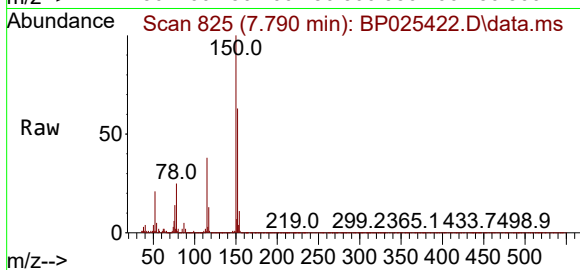
Quant Time: Aug 15 11:23:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

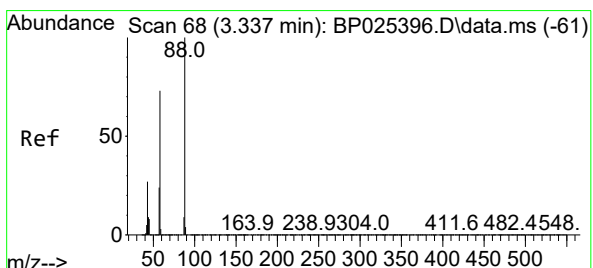
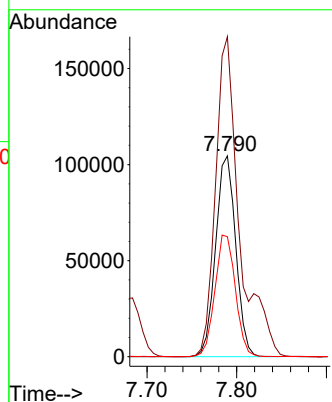
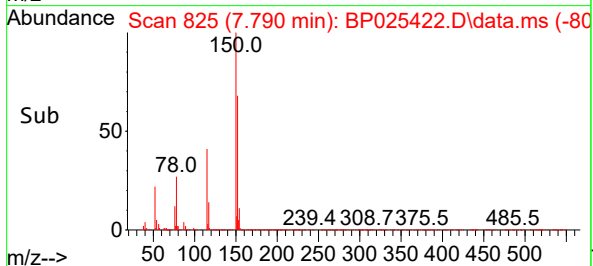
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 152 Resp: 163210
Ion Ratio Lower Upper
152 100
150 159.4 125.9 188.9
115 59.8 48.5 72.7

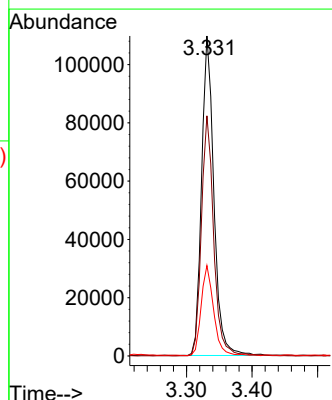
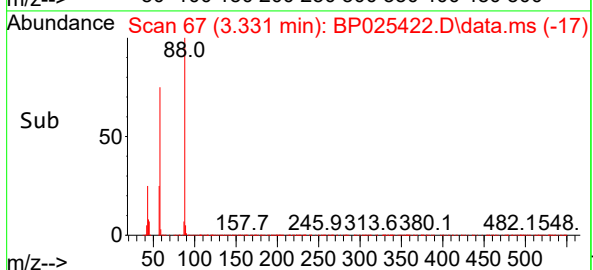
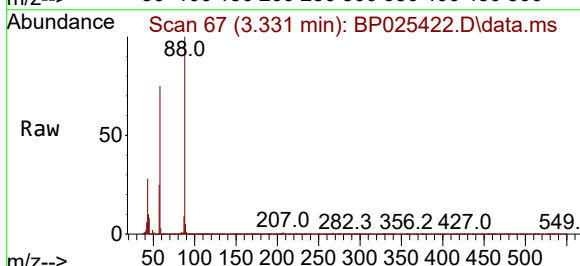
Manual Integrations
APPROVED

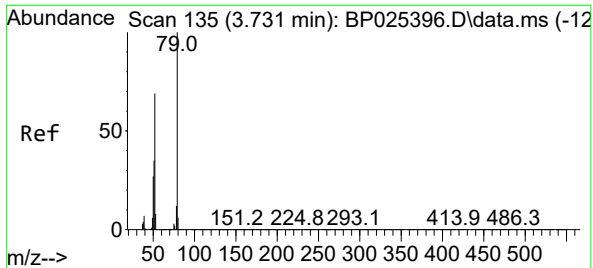
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#2
1,4-Dioxane
Concen: 37.293 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

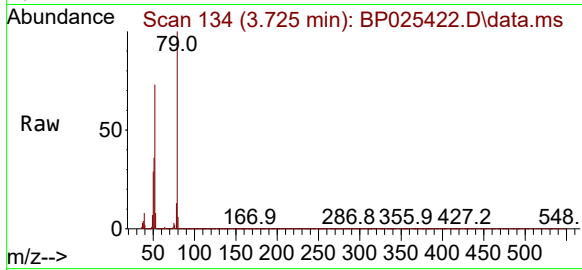
Tgt Ion: 88 Resp: 143562
Ion Ratio Lower Upper
88 100
58 75.3 59.2 88.8
43 28.6 21.7 32.5





#3
Pyridine
Concen: 38.504 ng
RT: 3.725 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

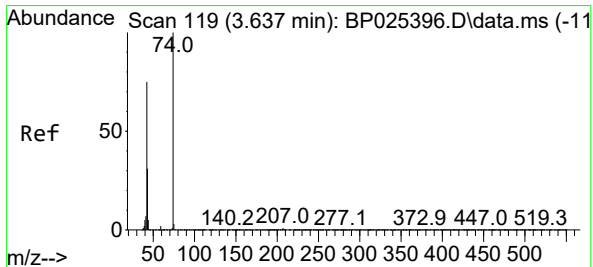
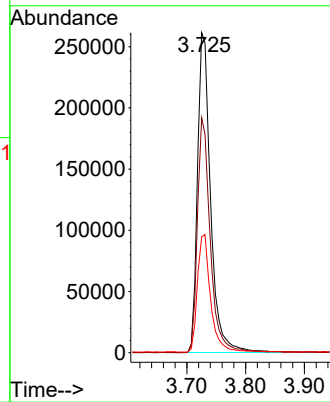
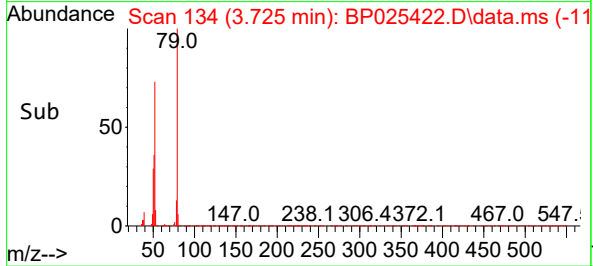
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 405690
Ion Ratio Lower Upper
79 100
52 73.4 55.5 83.3
51 36.2 28.3 42.5

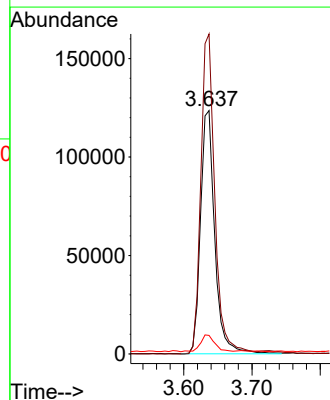
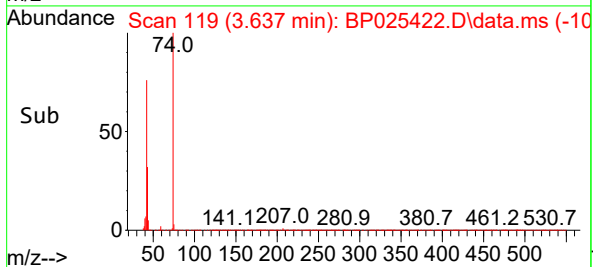
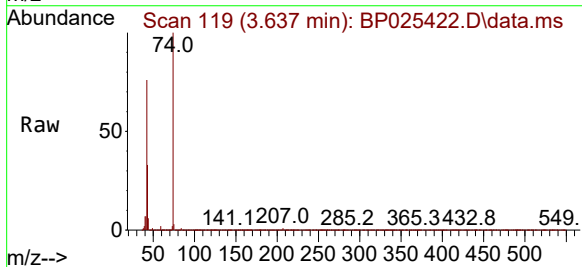
Manual Integrations
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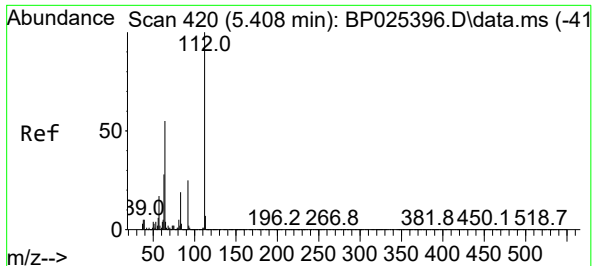
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#4
n-Nitrosodimethylamine
Concen: 41.341 ng
RT: 3.637 min Scan# 119
Delta R.T. -0.000 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

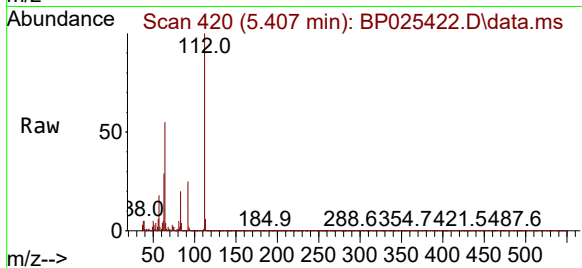
Tgt Ion: 42 Resp: 179582
Ion Ratio Lower Upper
42 100
74 131.5 107.0 160.4
44 7.6 6.2 9.4





#5
2-Fluorophenol
Concen: 77.682 ng
RT: 5.407 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

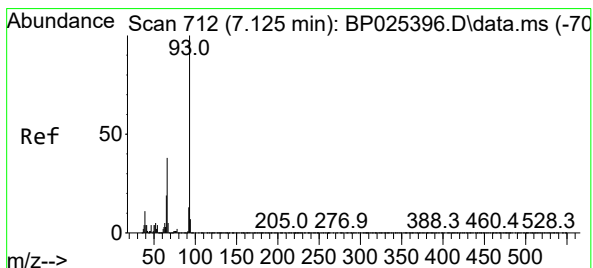
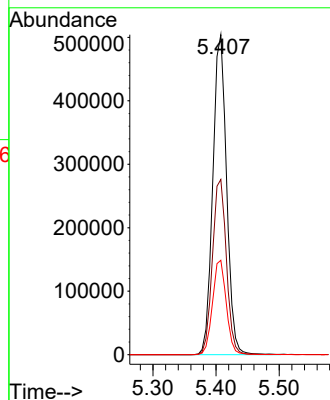
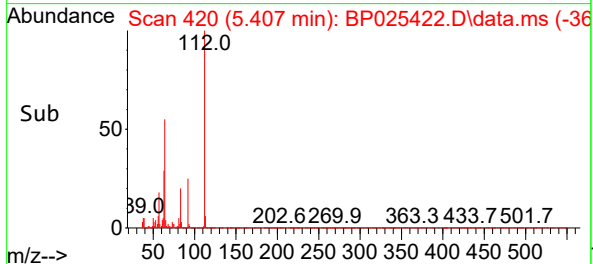
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 112 Resp: 76344
Ion Ratio Lower Upper
112 100
64 54.7 43.8 65.8
63 29.5 22.7 34.1

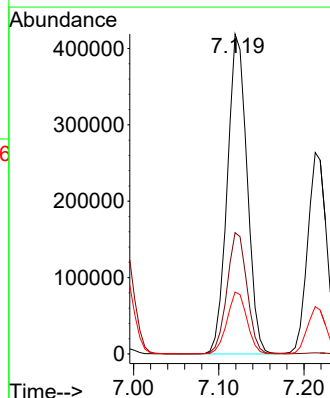
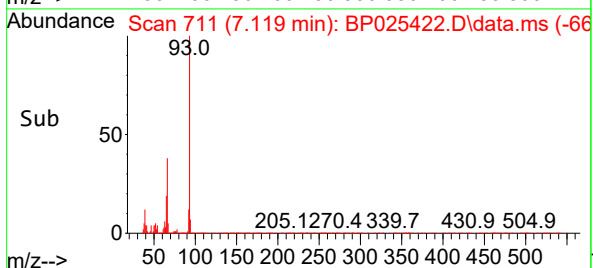
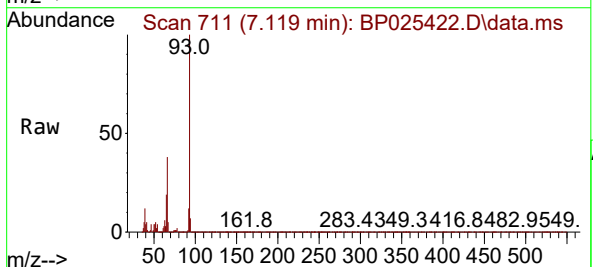
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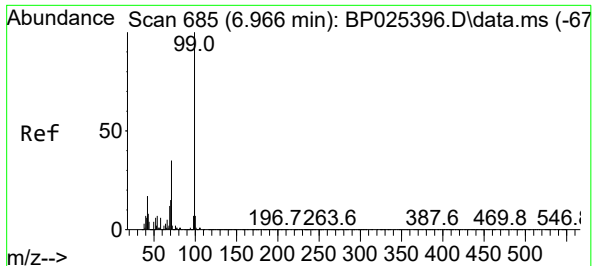
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#6
Aniline
Concen: 39.917 ng
RT: 7.119 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

Tgt Ion: 93 Resp: 677656
Ion Ratio Lower Upper
93 100
66 37.9 30.4 45.6
65 19.4 15.3 22.9





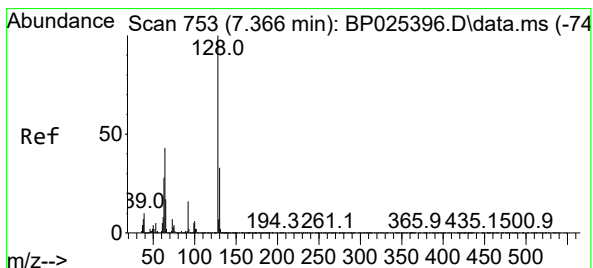
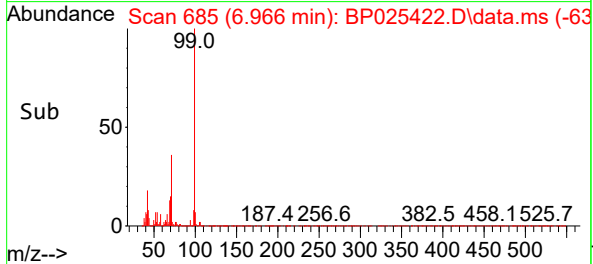
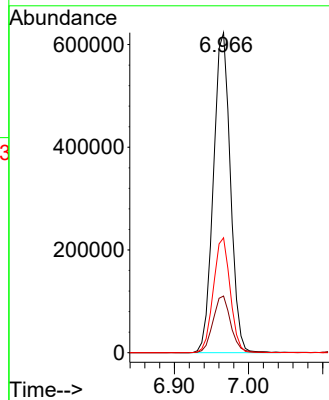
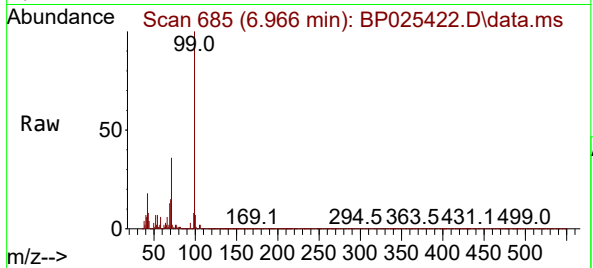
#7
Phenol-d6
Concen: 78.694 ng
RT: 6.966 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 991544
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 35.9 28.2 42.4

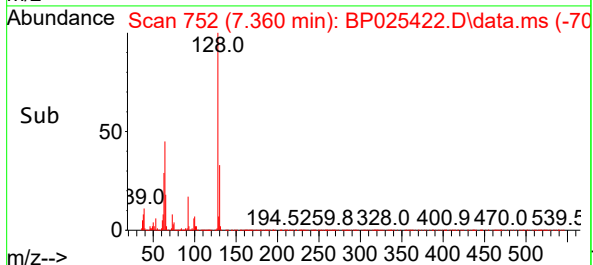
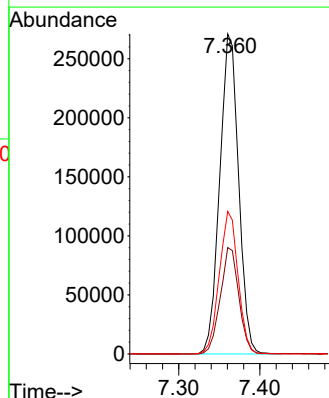
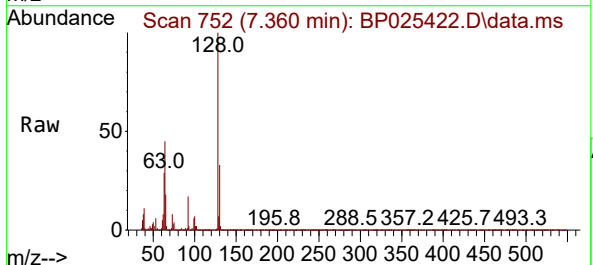
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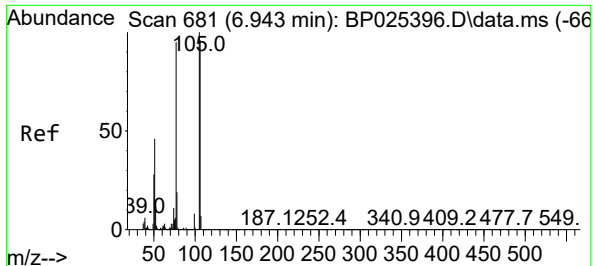
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#8
2-Chlorophenol
Concen: 39.543 ng
RT: 7.360 min Scan# 752
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

Tgt Ion:128 Resp: 438538
Ion Ratio Lower Upper
128 100
130 33.3 12.6 52.6
64 44.6 23.4 63.4





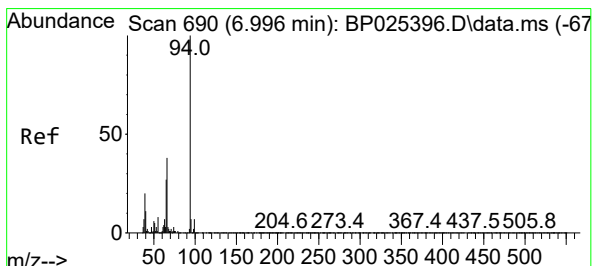
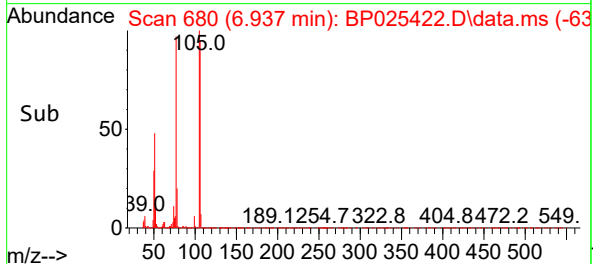
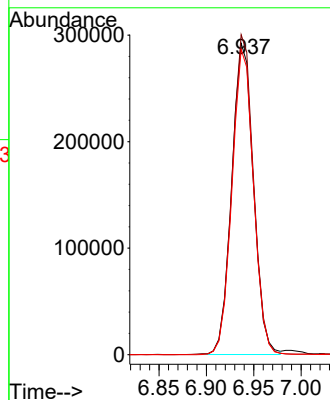
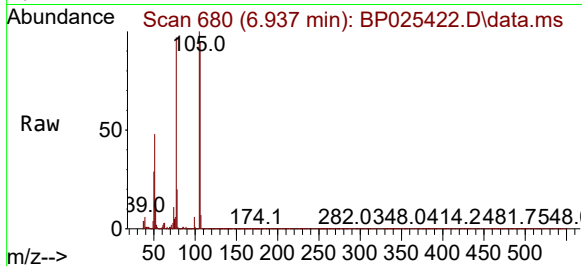
#9
Benzaldehyde
Concen: 52.616 ng
RT: 6.937 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 46448
Ion Ratio Lower Upper
77 100
105 102.8 84.8 124.8
106 98.0 80.5 120.5

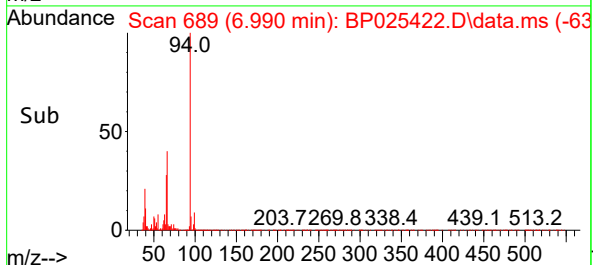
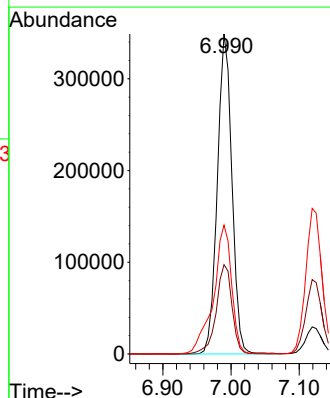
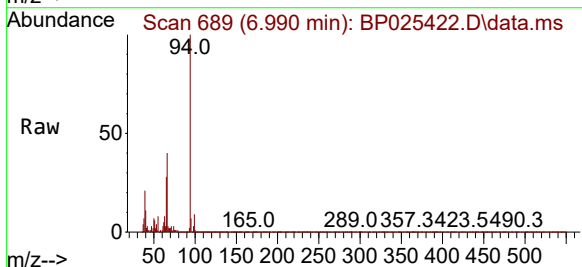
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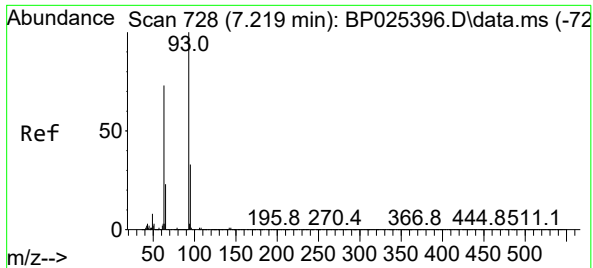
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#10
Phenol
Concen: 39.253 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

Tgt Ion: 94 Resp: 518982
Ion Ratio Lower Upper
94 100
65 27.9 6.8 46.8
66 40.2 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 39.423 ng

RT: 7.213 min Scan# 70

Delta R.T. -0.006 min

Lab File: BP025422.D

Acq: 15 Aug 2025 10:36

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 406260

Ion Ratio Lower Upper

93 100

63 74.7 52.6 92.6

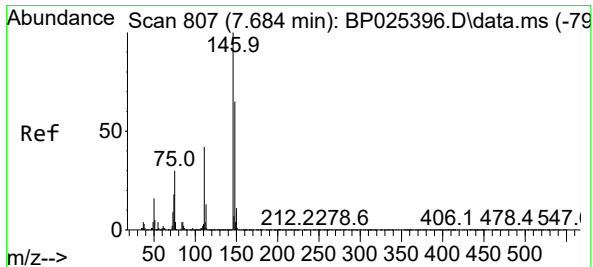
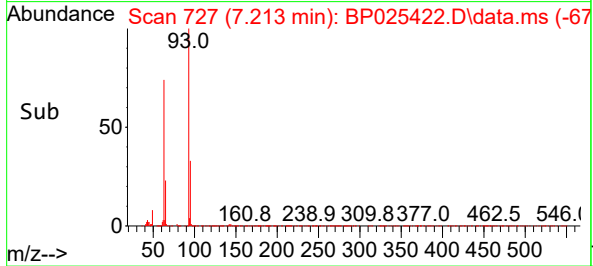
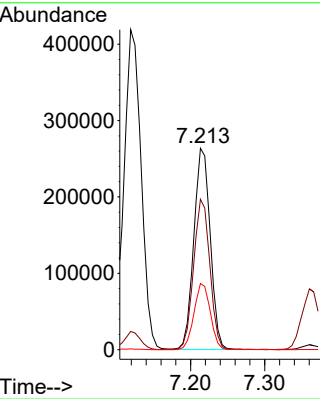
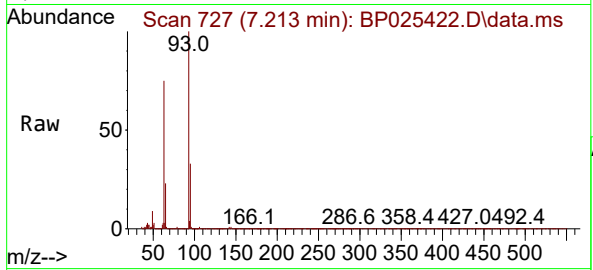
95 32.9 12.7 52.7

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/18/2025



#12

1,3-Dichlorobenzene

Concen: 39.468 ng

RT: 7.678 min Scan# 806

Delta R.T. -0.006 min

Lab File: BP025422.D

Acq: 15 Aug 2025 10:36

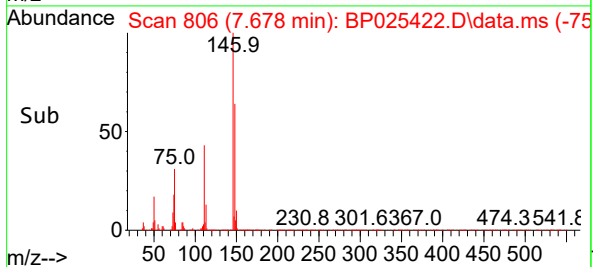
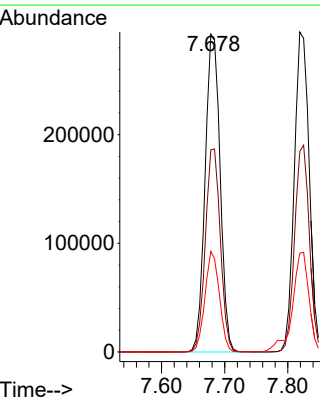
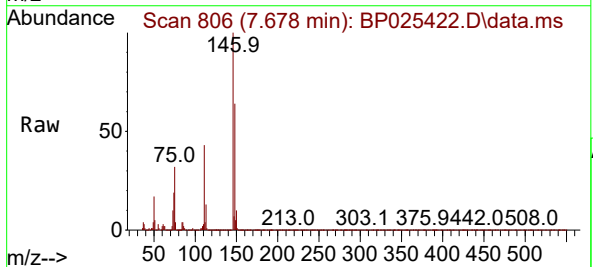
Tgt Ion:146 Resp: 482648

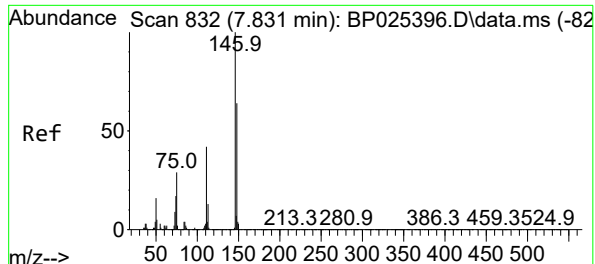
Ion Ratio Lower Upper

146 100

148 63.6 51.9 77.9

75 31.6 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 38.666 ng

RT: 7.819 min Scan# 81

Delta R.T. -0.012 min

Lab File: BP025422.D

Acq: 15 Aug 2025 10:36

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 483294

Ion Ratio Lower Upper

146 100

148 62.7 51.6 77.4

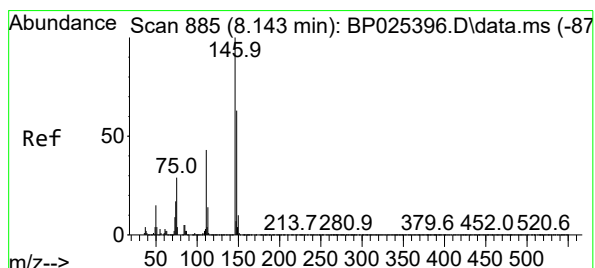
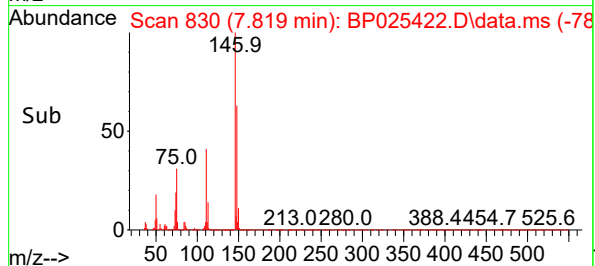
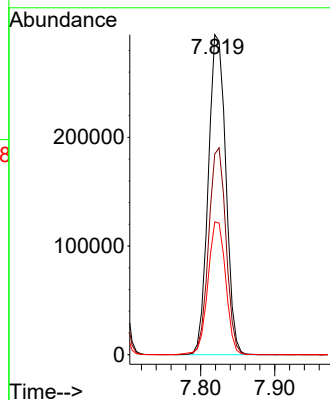
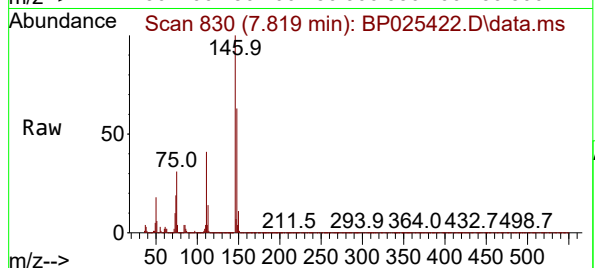
111 41.5 33.4 50.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/18/2025



#14

1,2-Dichlorobenzene

Concen: 38.837 ng

RT: 8.137 min Scan# 884

Delta R.T. -0.006 min

Lab File: BP025422.D

Acq: 15 Aug 2025 10:36

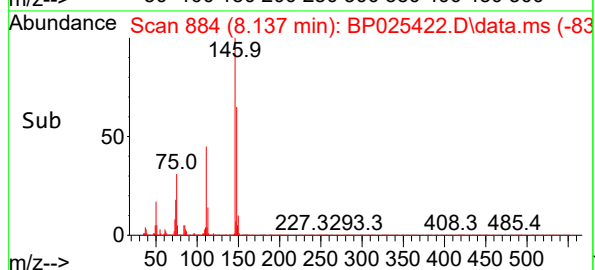
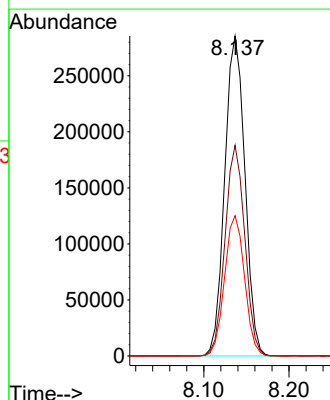
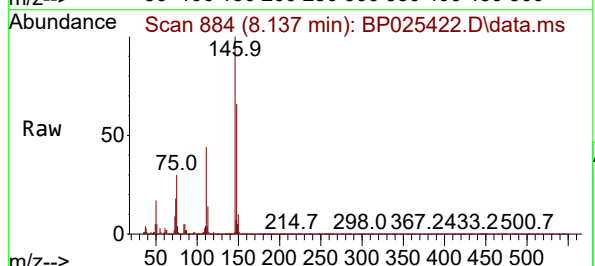
Tgt Ion:146 Resp: 469905

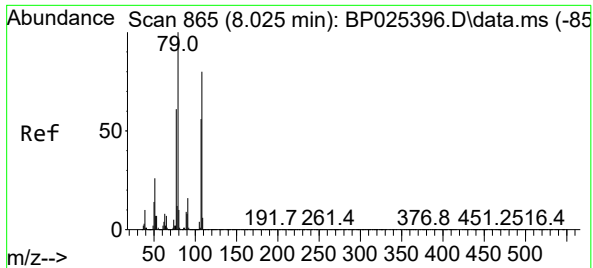
Ion Ratio Lower Upper

146 100

148 65.8 50.4 75.6

111 43.8 34.5 51.7





#15

Benzyl Alcohol

Concen: 40.199 ng

RT: 8.019 min Scan# 80

Delta R.T. -0.006 min

Lab File: BP025422.D

Acq: 15 Aug 2025 10:36

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 40245

Ion Ratio Lower Upper

79 100

108 78.5 63.8 95.6

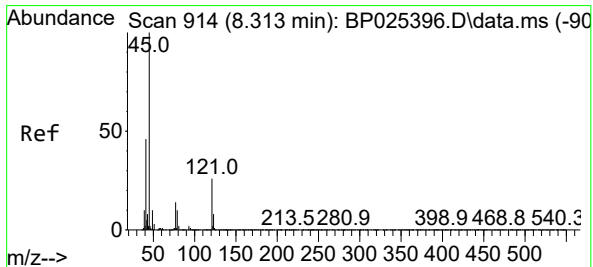
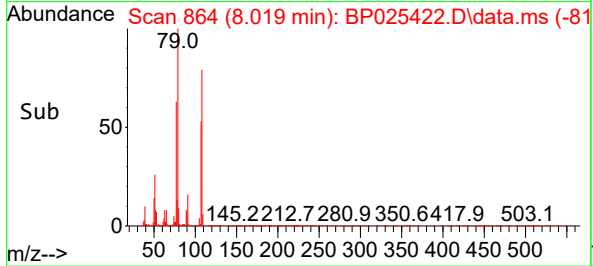
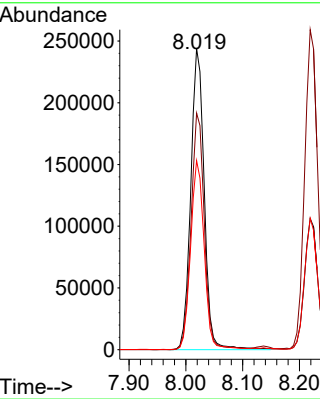
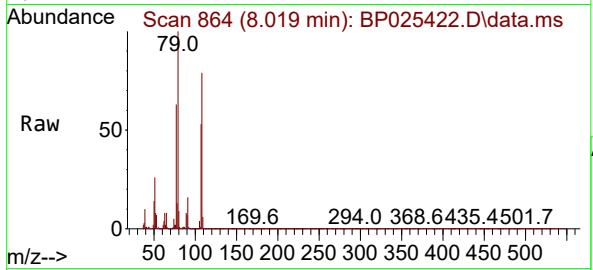
77 62.8 49.0 73.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.282 ng

RT: 8.307 min Scan# 913

Delta R.T. -0.006 min

Lab File: BP025422.D

Acq: 15 Aug 2025 10:36

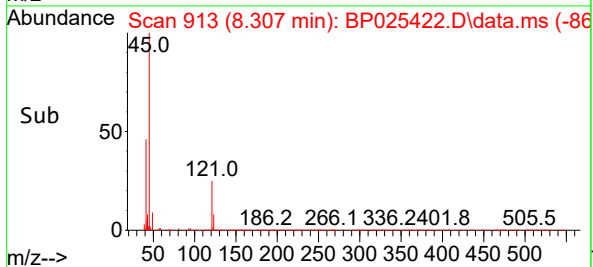
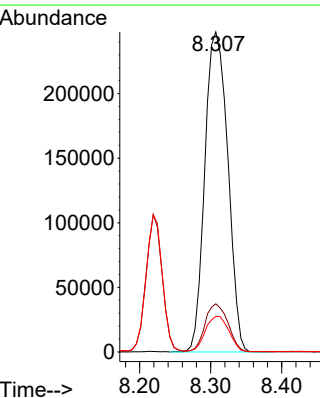
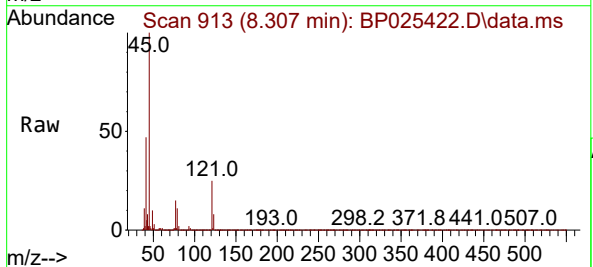
Tgt Ion: 45 Resp: 556083

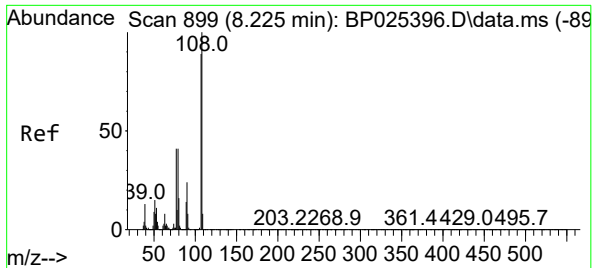
Ion Ratio Lower Upper

45 100

77 15.1 0.0 35.3

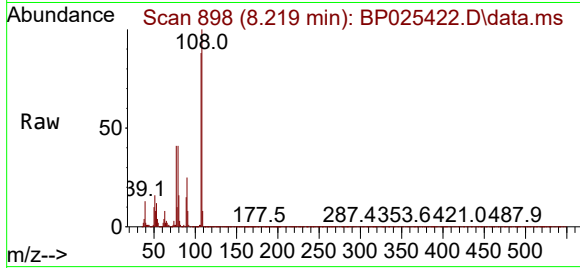
79 11.1 0.0 31.8





#17
2-Methylphenol
Concen: 39.752 ng
RT: 8.219 min Scan# 899
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

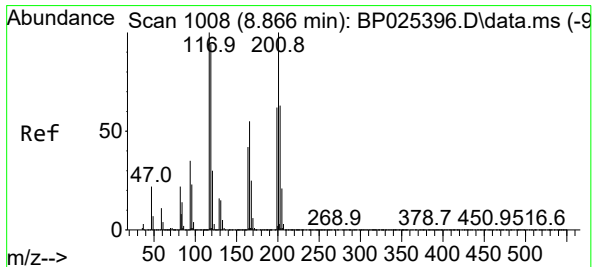
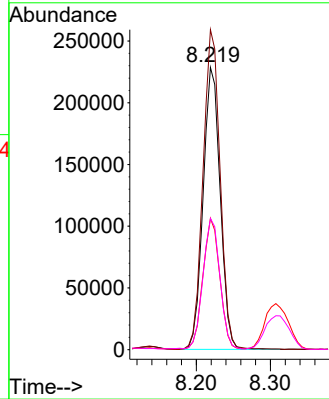
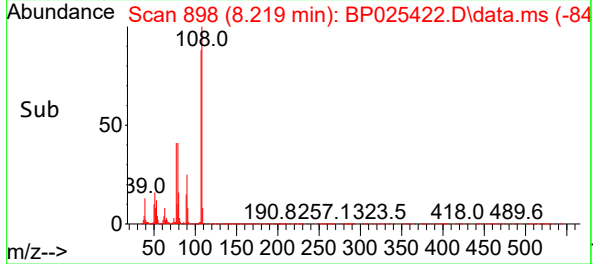
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 36502
Ion Ratio Lower Upper
107 100
108 113.4 89.4 134.0
77 46.5 36.3 54.5
79 46.5 36.6 54.8

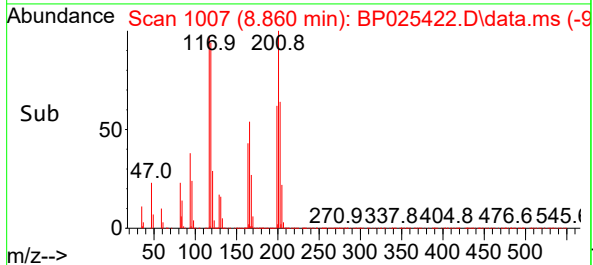
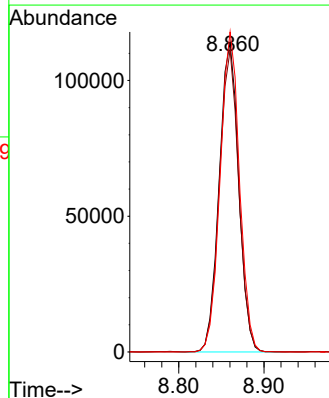
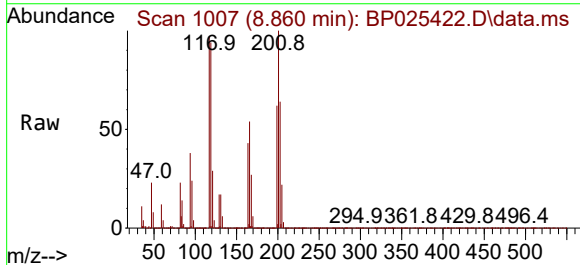
Manual Integrations
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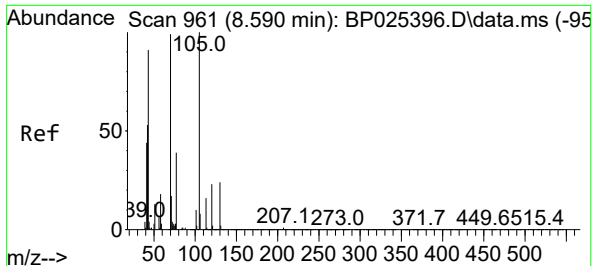
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#18
Hexachloroethane
Concen: 39.542 ng
RT: 8.860 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

Tgt Ion:117 Resp: 181724
Ion Ratio Lower Upper
117 100
119 97.6 75.1 112.7
201 103.5 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 39.304 ng

RT: 8.584 min Scan# 90

Delta R.T. -0.006 min

Lab File: BP025422.D

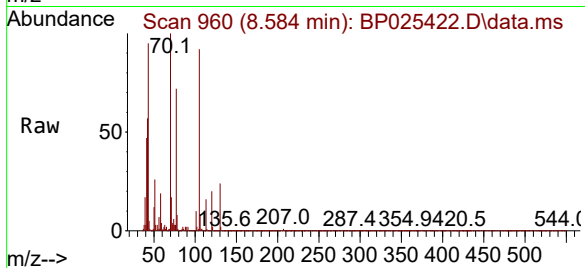
Acq: 15 Aug 2025 10:36

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 32803

Ion Ratio Lower Upper

70 100

42 56.8 43.8 65.6

101 10.4 8.5 12.7

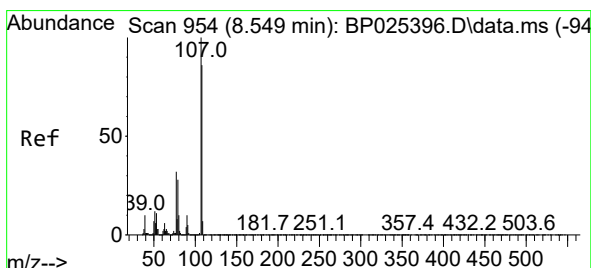
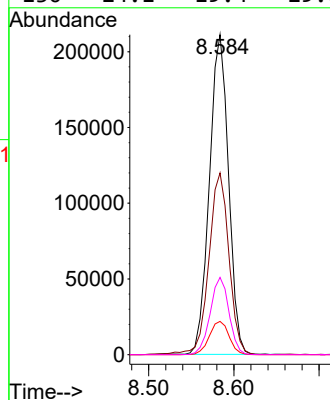
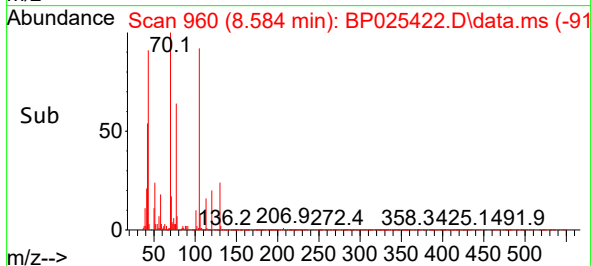
130 24.1 19.4 29.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#20

3+4-Methylphenols

Concen: 39.561 ng

RT: 8.543 min Scan# 953

Delta R.T. -0.006 min

Lab File: BP025422.D

Acq: 15 Aug 2025 10:36

Tgt Ion:107 Resp: 503552

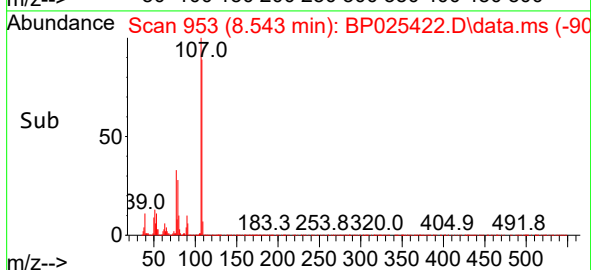
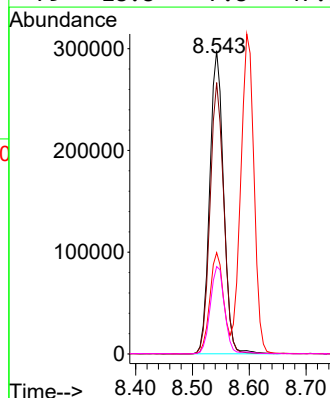
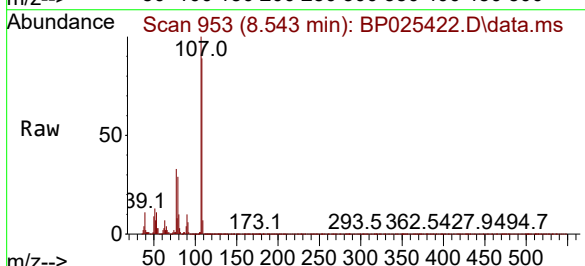
Ion Ratio Lower Upper

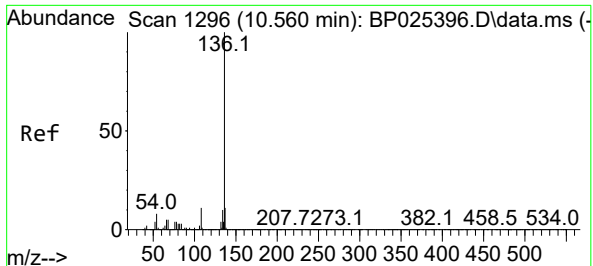
107 100

108 89.5 66.3 106.3

77 33.4 12.3 52.3

79 28.8 7.8 47.8





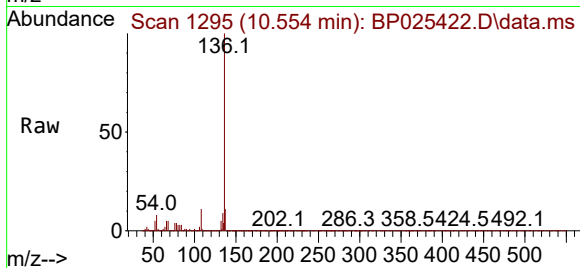
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

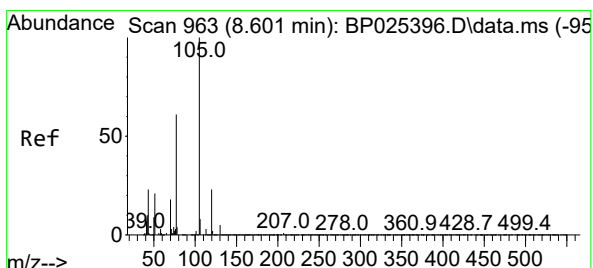
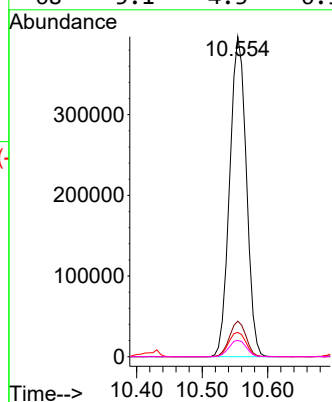


Tgt Ion:136 Resp: 699116
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.6 6.0 9.0
68 5.1 4.3 6.5

Manual Integrations

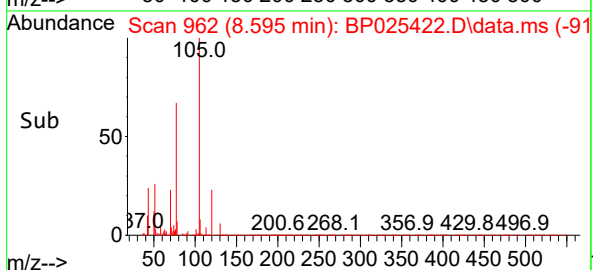
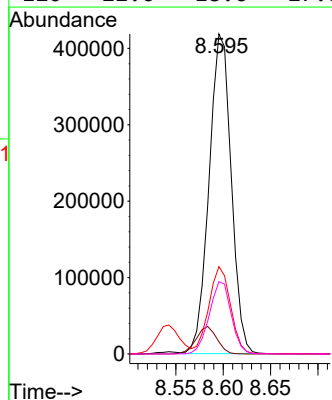
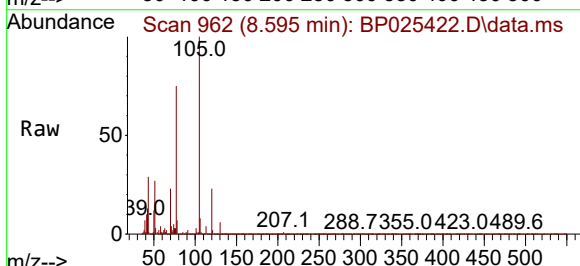
APPROVED

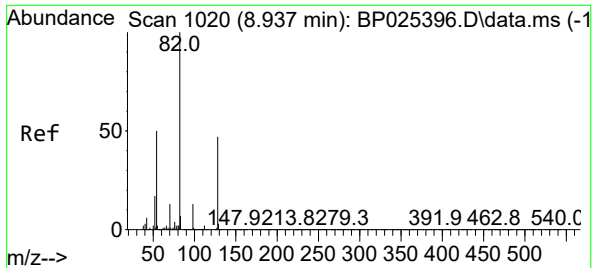
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#22
Acetophenone
Concen: 38.792 ng
RT: 8.595 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

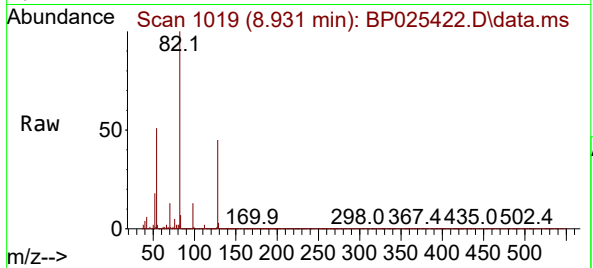
Tgt Ion:105 Resp: 680116
Ion Ratio Lower Upper
105 100
71 3.8 2.6 4.0
51 27.3 20.6 30.8
120 22.6 18.6 27.8





#23
Nitrobenzene-d5
Concen: 79.367 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

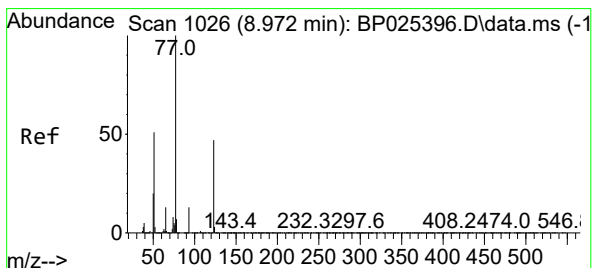
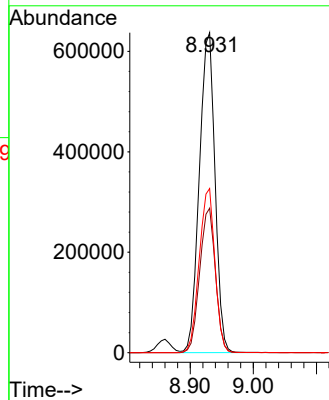
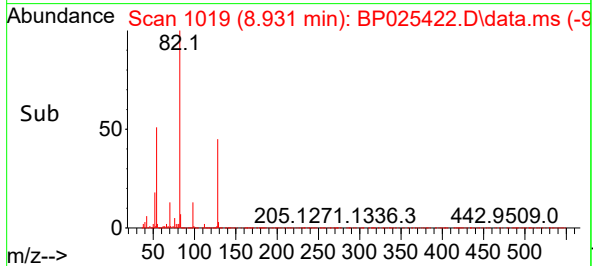
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



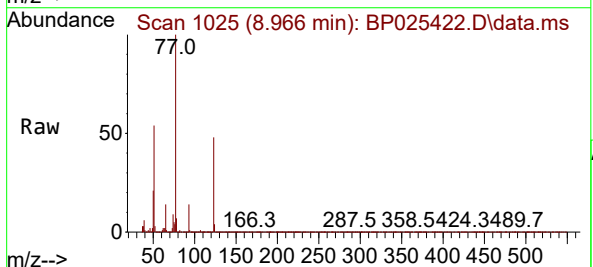
Tgt Ion: 82 Resp: 1096890
Ion Ratio Lower Upper
82 100
128 45.1 37.7 56.5
54 51.3 39.8 59.6

Manual Integrations
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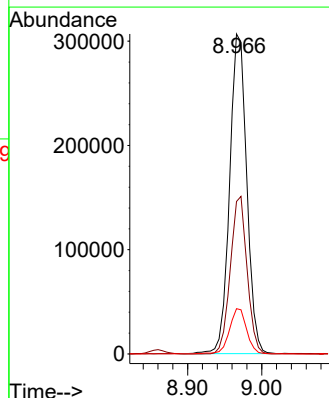
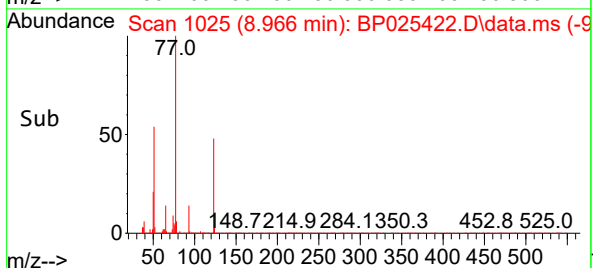
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

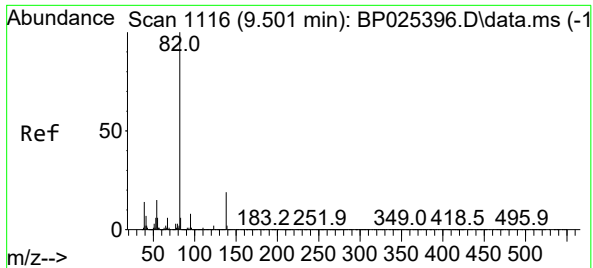


#24
Nitrobenzene
Concen: 39.805 ng
RT: 8.966 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36



Tgt Ion: 77 Resp: 491654
Ion Ratio Lower Upper
77 100
123 47.7 38.6 58.0
65 14.2 10.6 15.8





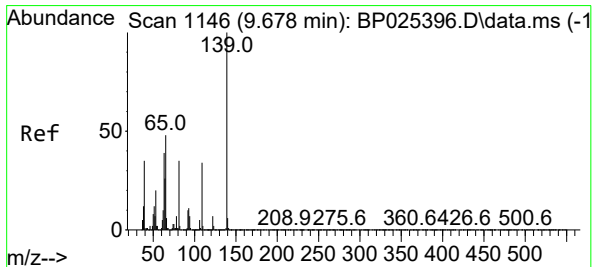
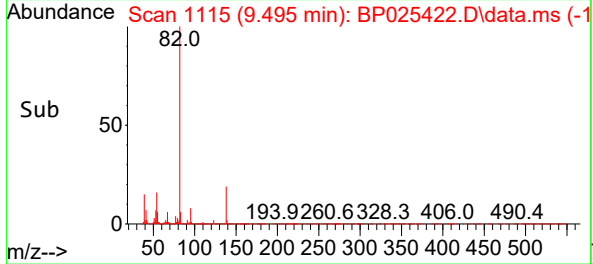
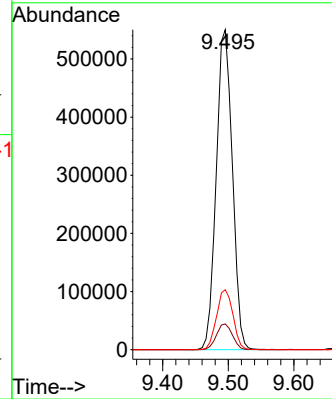
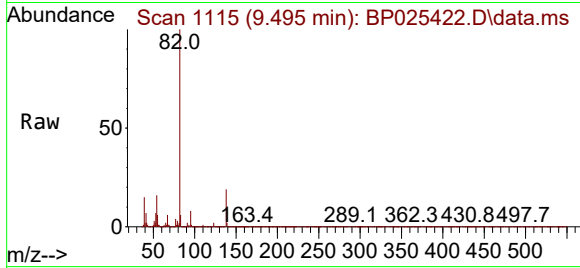
#25
Isophorone
Concen: 38.387 ng
RT: 9.495 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 938890
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 18.8 15.4 23.0

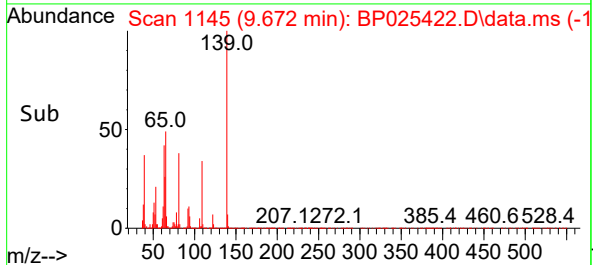
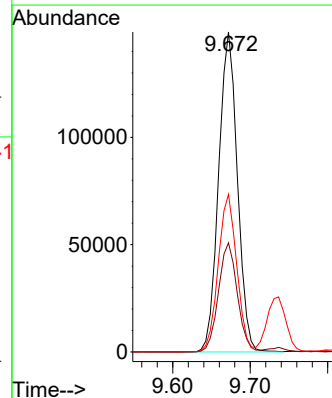
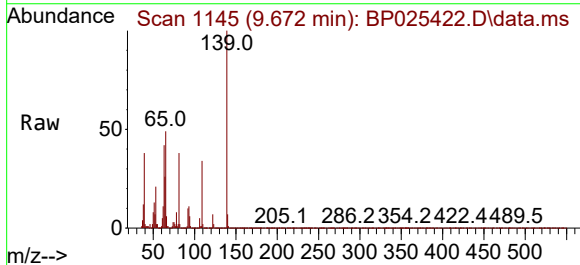
Manual Integrations
APPROVED

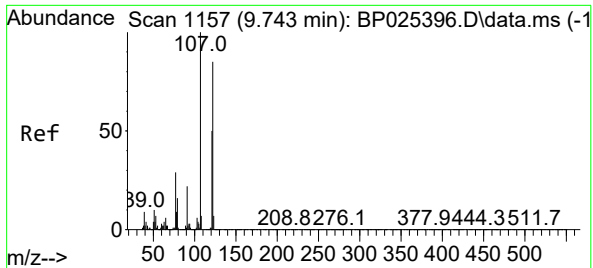
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#26
2-Nitrophenol
Concen: 39.458 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

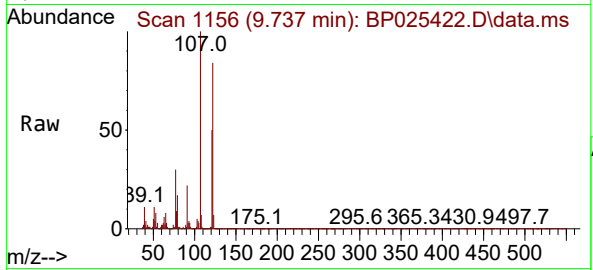
Tgt Ion:139 Resp: 250121
Ion Ratio Lower Upper
139 100
109 34.1 26.9 40.3
65 49.2 38.3 57.5





#27
2,4-Dimethylphenol
Concen: 39.018 ng
RT: 9.737 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

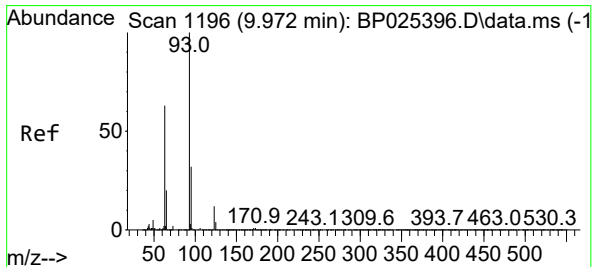
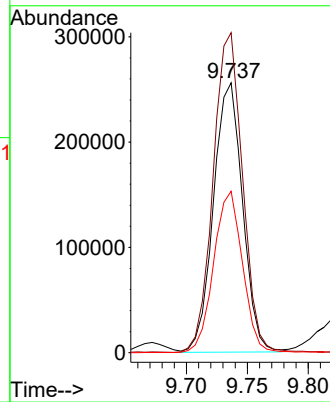
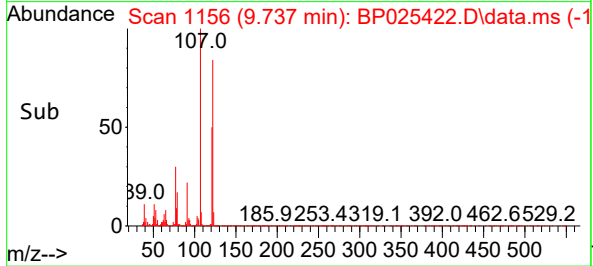
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:122 Resp: 425335
Ion Ratio Lower Upper
122 100
107 118.5 93.7 140.5
121 59.8 46.6 69.8

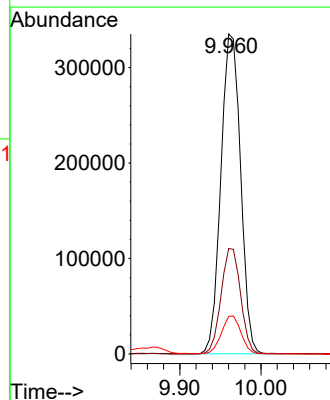
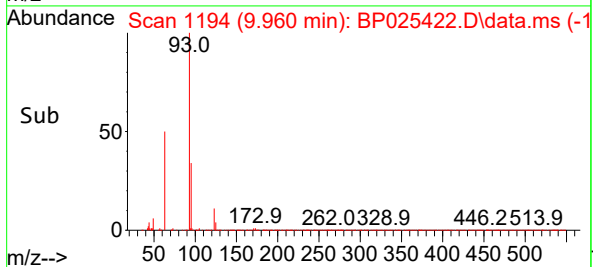
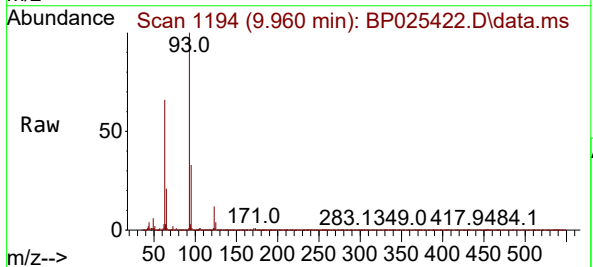
Manual Integrations
APPROVED

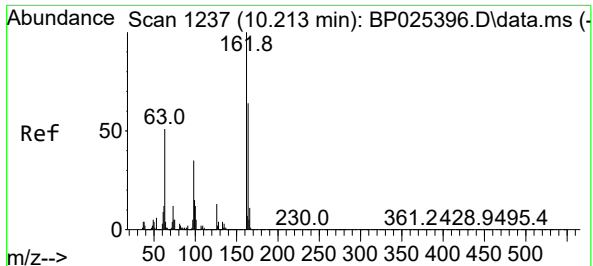
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#28
bis(2-Chloroethoxy)methane
Concen: 38.258 ng
RT: 9.960 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

Tgt Ion: 93 Resp: 565633
Ion Ratio Lower Upper
93 100
95 33.0 25.4 38.0
123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 38.724 ng

RT: 10.207 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BP025422.D

Acq: 15 Aug 2025 10:36

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 41934

Ion Ratio Lower Upper

162 100

164 64.7 44.4 84.4

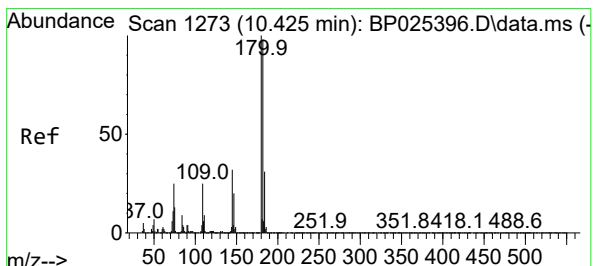
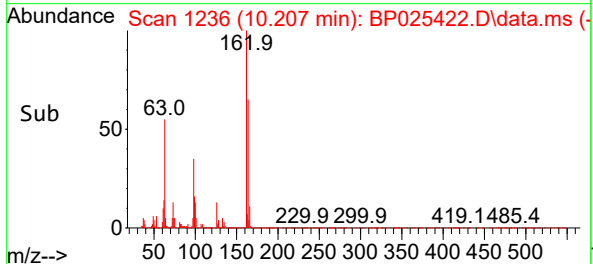
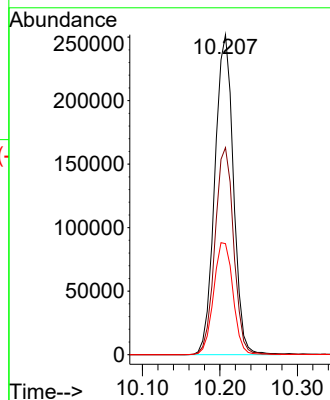
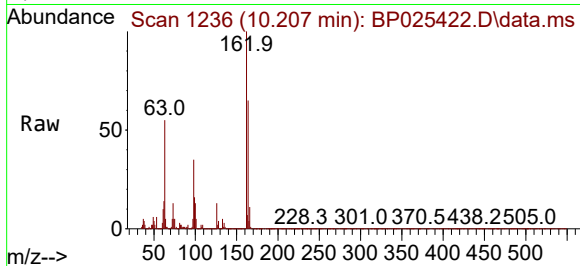
98 34.7 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#30

1,2,4-Trichlorobenzene

Concen: 37.921 ng

RT: 10.419 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BP025422.D

Acq: 15 Aug 2025 10:36

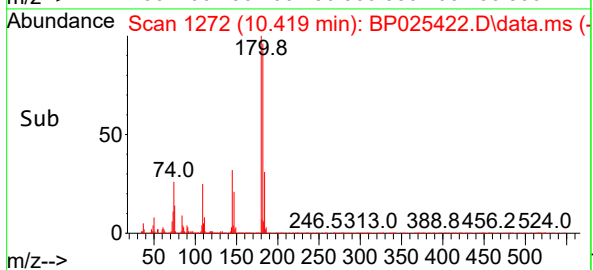
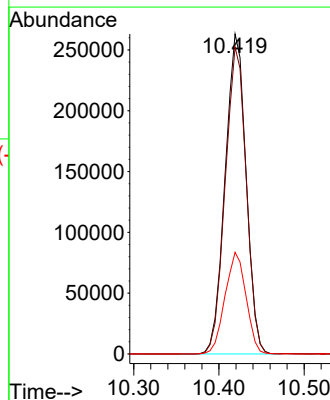
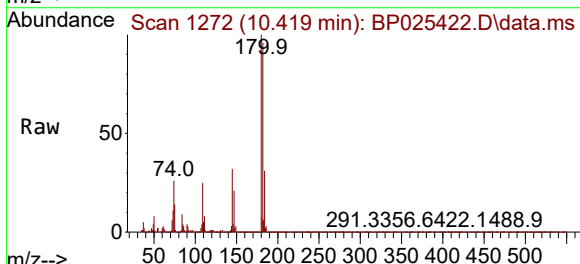
Tgt Ion:180 Resp: 450156

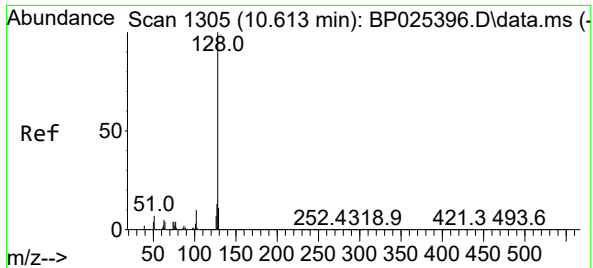
Ion Ratio Lower Upper

180 100

182 95.9 78.0 117.0

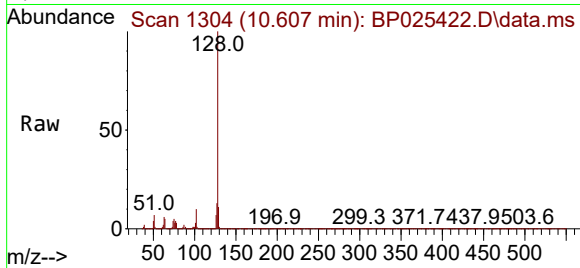
145 31.8 25.9 38.9





#31
Naphthalene
Concen: 38.324 ng
RT: 10.607 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

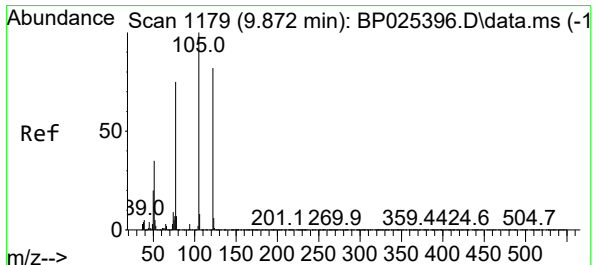
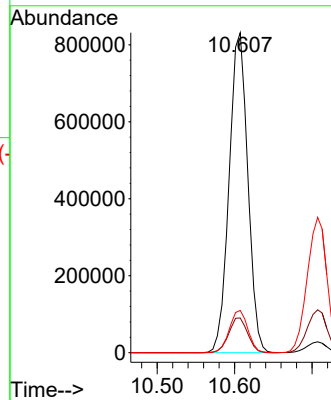
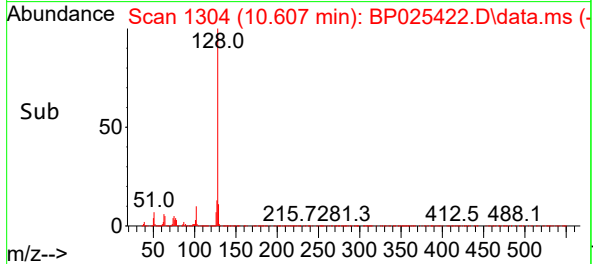
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 139257
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.7 16.1

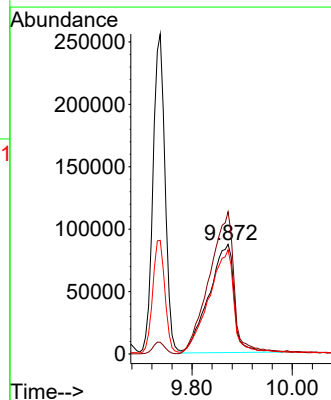
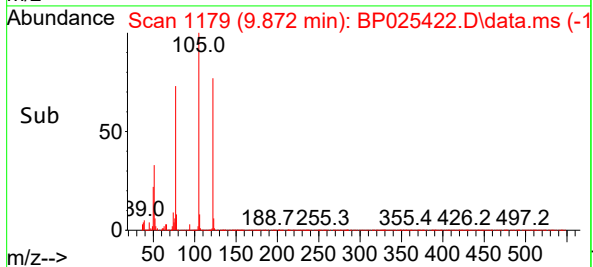
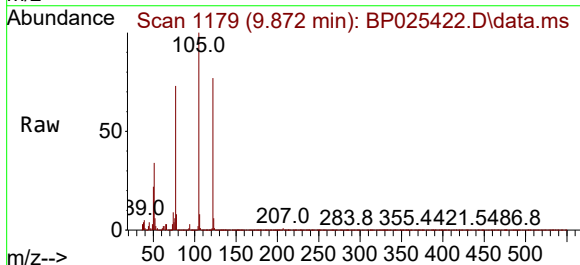
Manual Integrations
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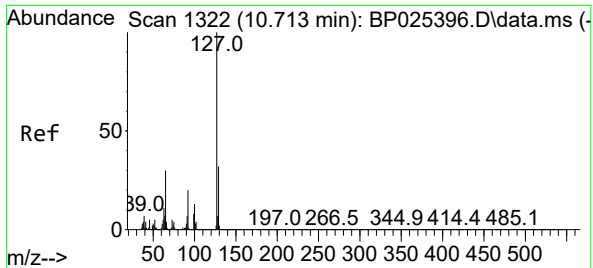
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#32
Benzoic acid
Concen: 37.734 ng
RT: 9.872 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

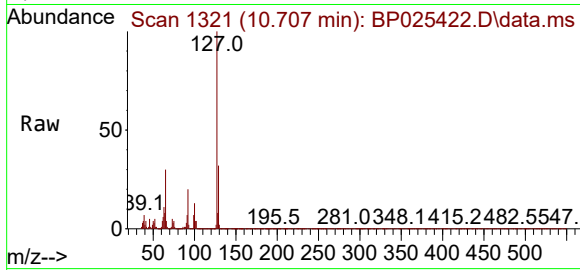
Tgt Ion:122 Resp: 303683
Ion Ratio Lower Upper
122 100
105 129.8 100.6 140.6
77 95.1 71.5 111.5





#33
4-Chloroaniline
Concen: 39.164 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

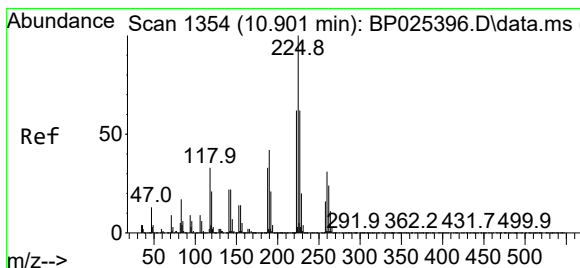
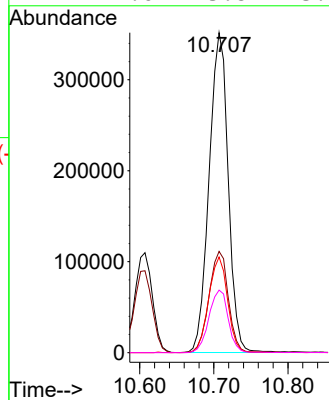
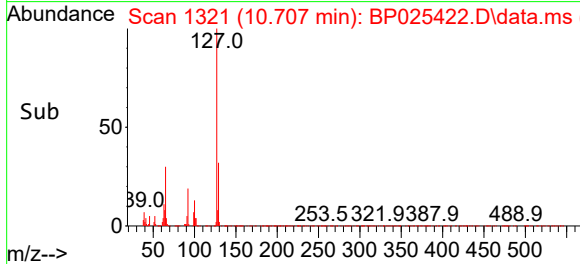
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:127 Resp: 628608
Ion Ratio Lower Upper
127 100
129 31.7 25.4 38.2
65 29.9 23.8 35.6
92 19.6 15.8 23.8

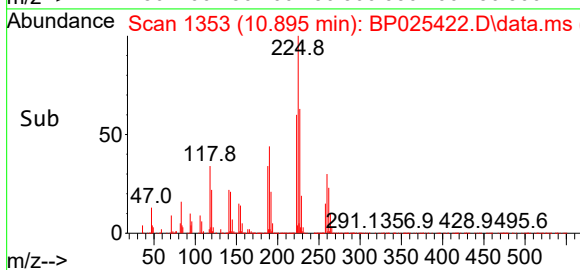
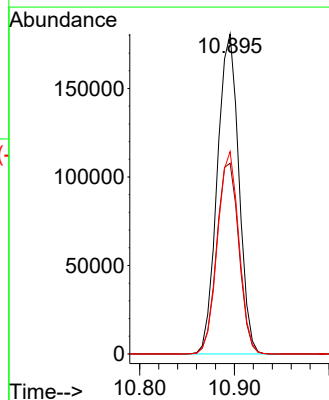
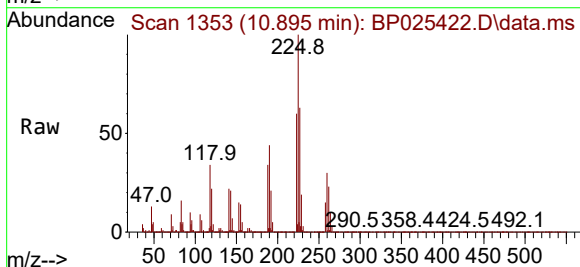
Manual Integrations
APPROVED

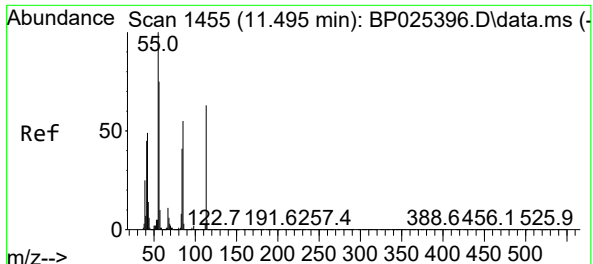
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#34
Hexachlorobutadiene
Concen: 38.652 ng
RT: 10.895 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

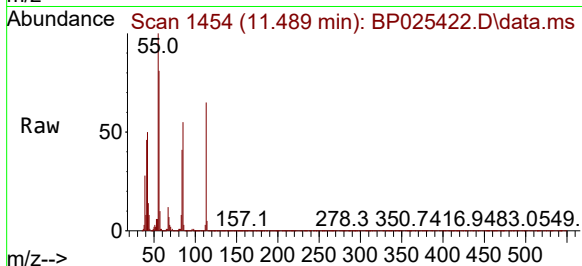
Tgt Ion:225 Resp: 285751
Ion Ratio Lower Upper
225 100
223 59.6 50.0 75.0
227 63.3 49.7 74.5





#35
Caprolactam
Concen: 37.951 ng
RT: 11.489 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

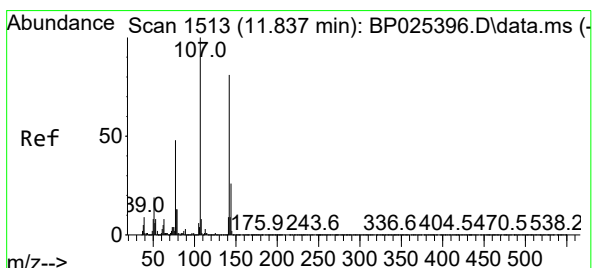
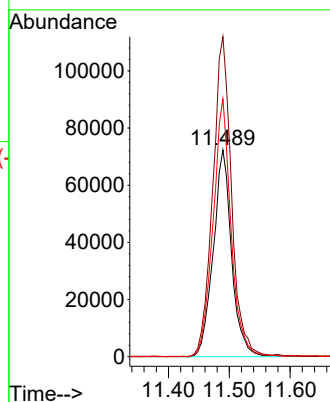
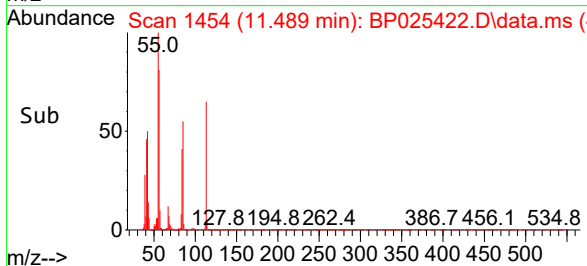
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 15069
Ion Ratio Lower Upper
113 100
55 154.8 140.0 180.0
56 124.8 100.0 140.0

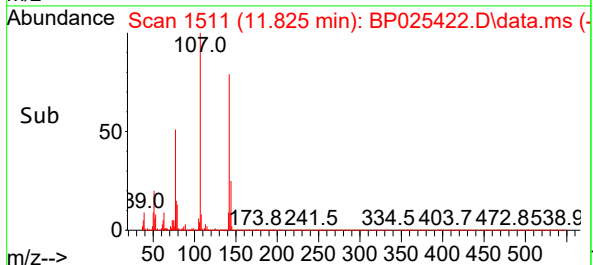
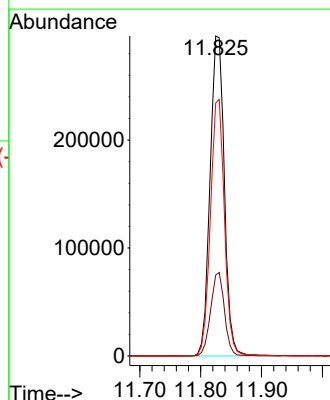
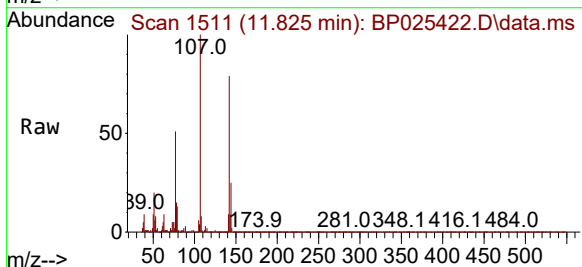
Manual Integrations
APPROVED

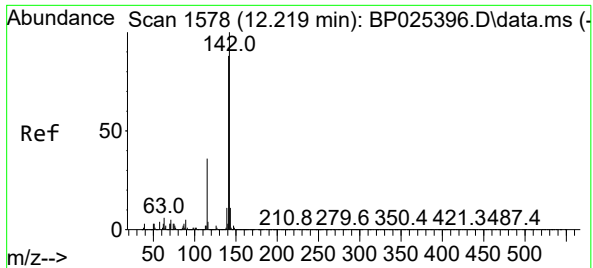
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#36
4-Chloro-3-methylphenol
Concen: 38.840 ng
RT: 11.825 min Scan# 1511
Delta R.T. -0.012 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

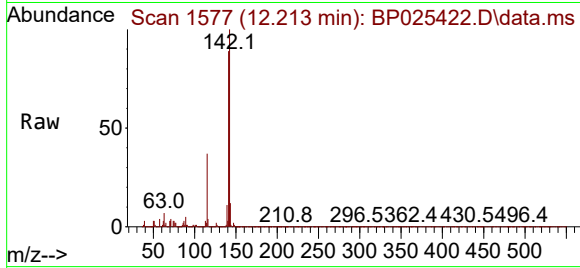
Tgt Ion:107 Resp: 482622
Ion Ratio Lower Upper
107 100
144 25.3 21.0 31.4
142 79.1 64.6 97.0





#37
2-Methylnaphthalene
Concen: 38.190 ng
RT: 12.213 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

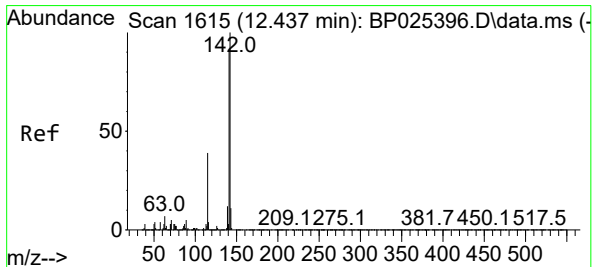
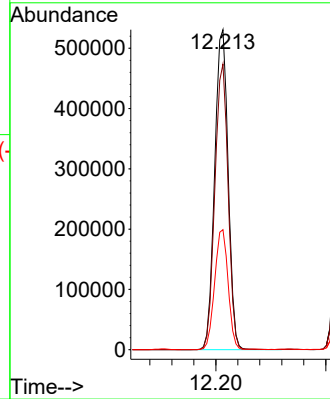
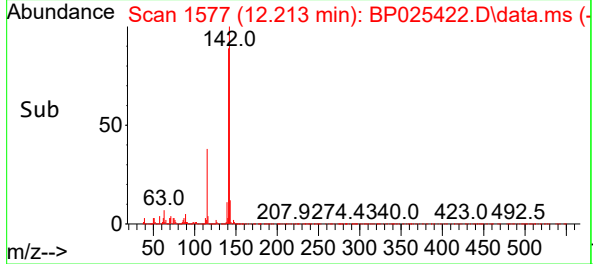
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



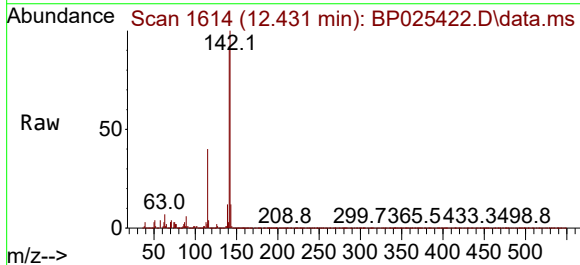
Tgt Ion:142 Resp: 903084
Ion Ratio Lower Upper
142 100
141 89.2 70.3 105.5
115 37.5 28.9 43.3

Manual Integrations
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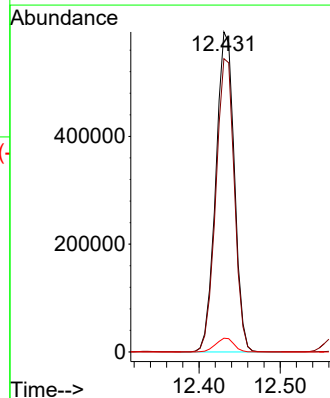
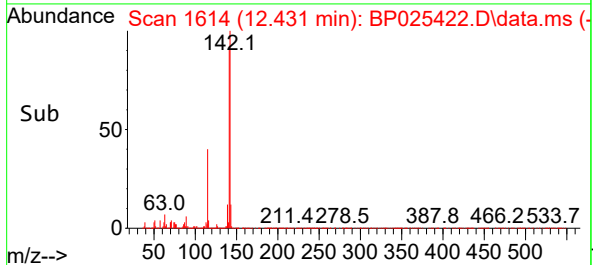
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

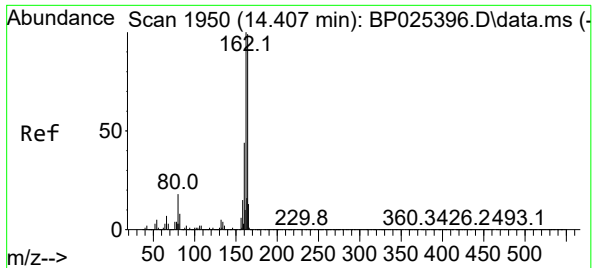


#38
1-Methylnaphthalene
Concen: 37.439 ng
RT: 12.431 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36



Tgt Ion:142 Resp: 941493
Ion Ratio Lower Upper
142 100
141 91.7 73.1 109.7
116 4.3 3.2 4.8





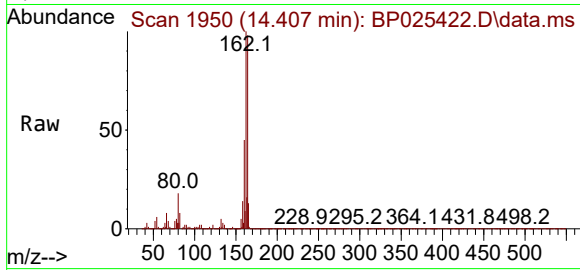
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



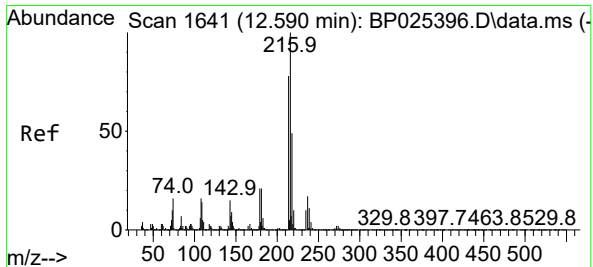
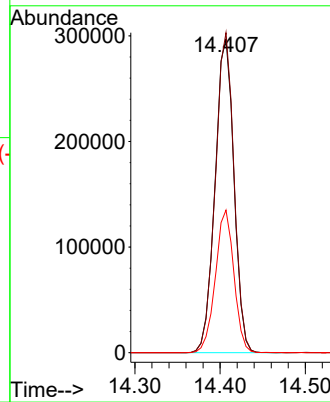
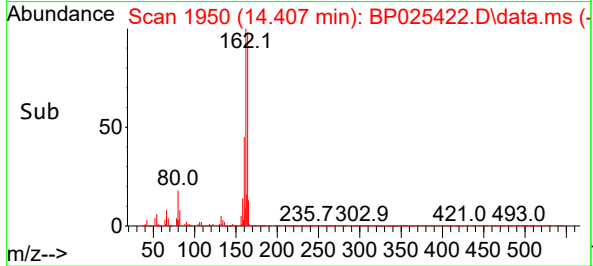
Tgt Ion:164 Resp: 45830
Ion Ratio Lower Upper
164 100
162 102.0 81.0 121.6
160 45.5 35.4 53.2

Manual Integrations

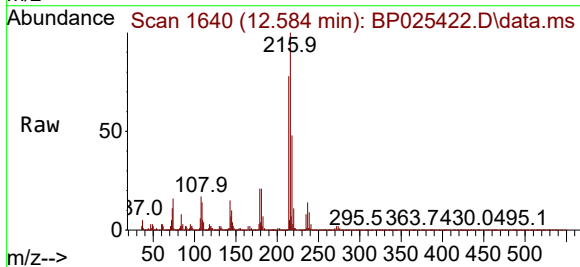
APPROVED

Reviewed By :Rahul Chavli 08/18/2025

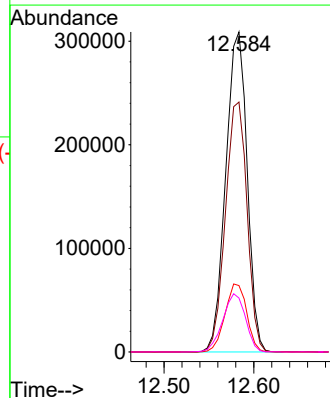
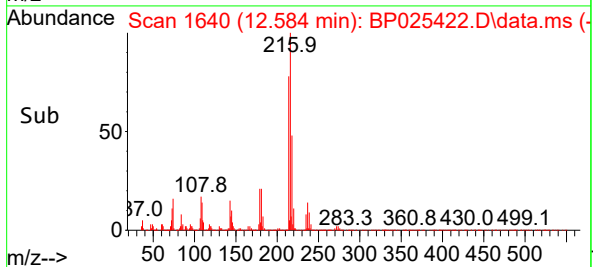
Supervised By :Jagrut Upadhyay 08/18/2025

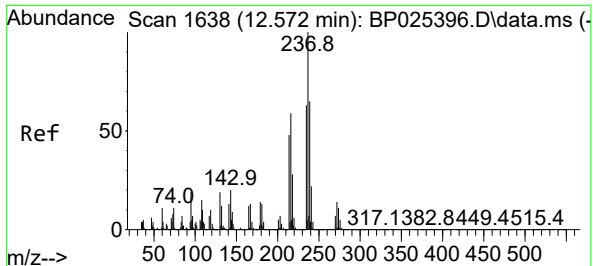


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.717 ng
RT: 12.584 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36



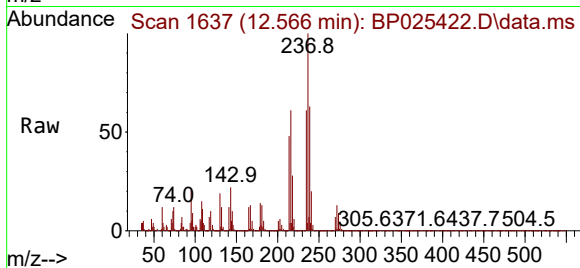
Tgt Ion:216 Resp: 512464
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.4
179 21.5 17.1 25.7
108 19.3 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 40.319 ng
RT: 12.566 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

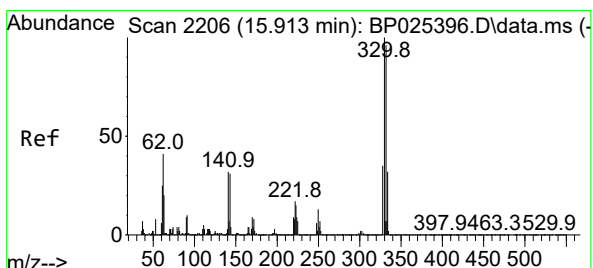
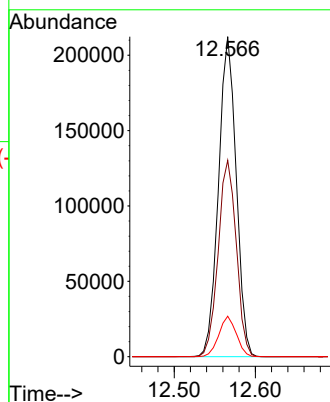
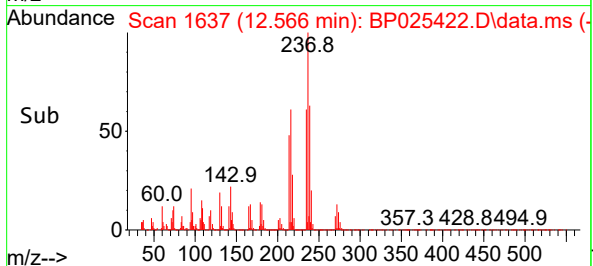
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 237 Resp: 322360
Ion Ratio Lower Upper
237 100
235 61.4 42.7 82.7
272 12.7 0.0 34.0

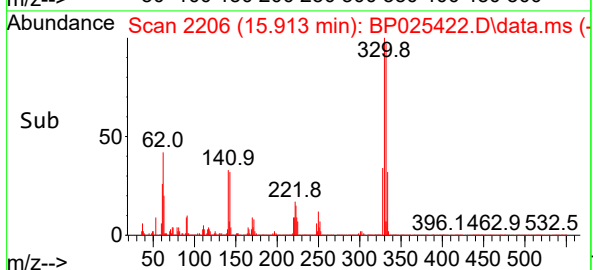
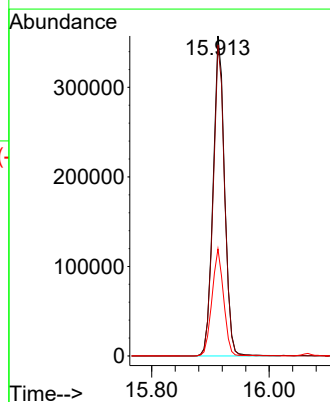
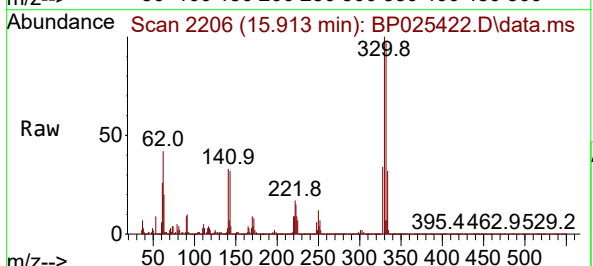
Manual Integrations
APPROVED

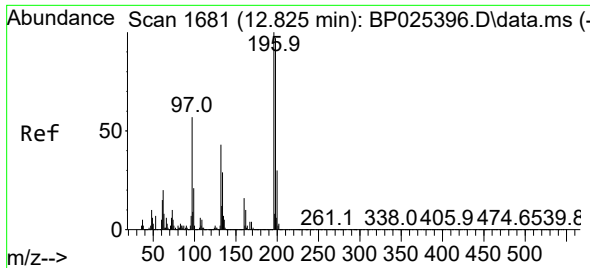
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#42
2,4,6-Tribromophenol
Concen: 78.381 ng
RT: 15.913 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

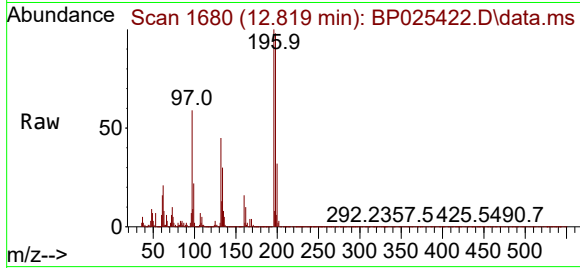
Tgt Ion: 330 Resp: 483517
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 34.0 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 39.291 ng
RT: 12.819 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

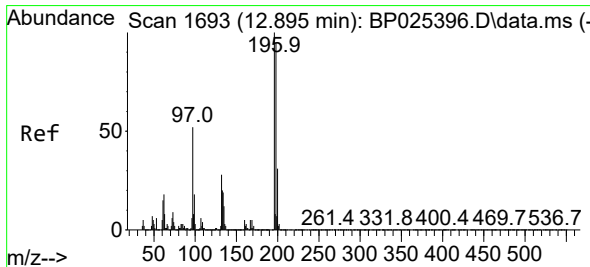
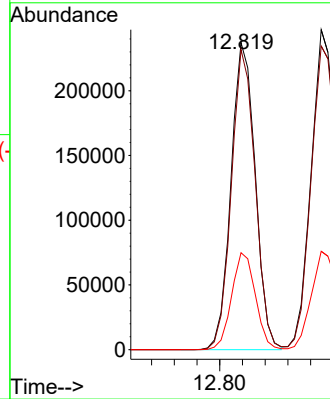
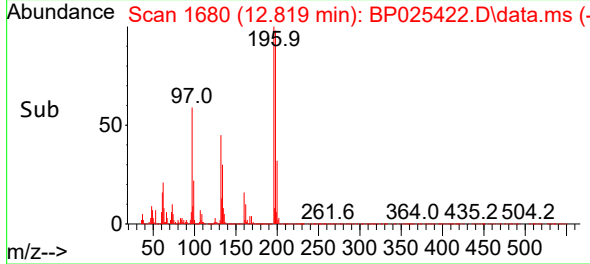
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:196 Resp: 35110
Ion Ratio Lower Upper
196 100
198 97.7 77.2 115.8
200 31.6 23.9 35.9

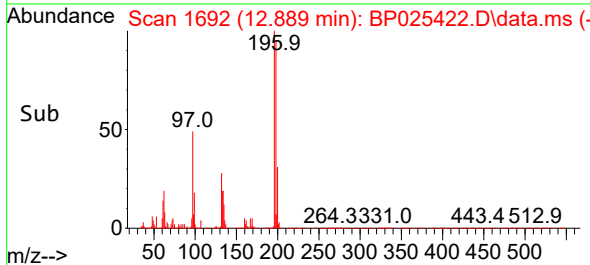
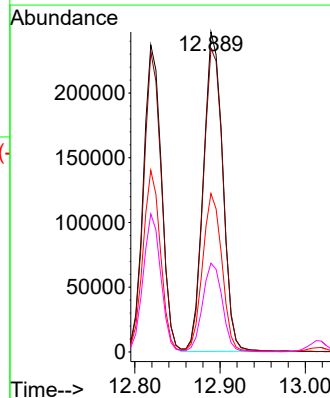
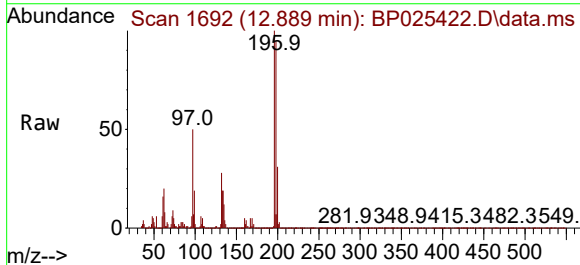
Manual Integrations
APPROVED

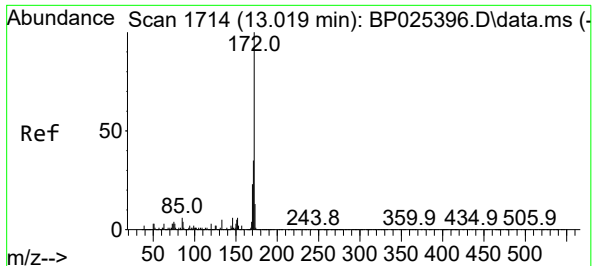
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#44
2,4,5-Trichlorophenol
Concen: 39.656 ng
RT: 12.889 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

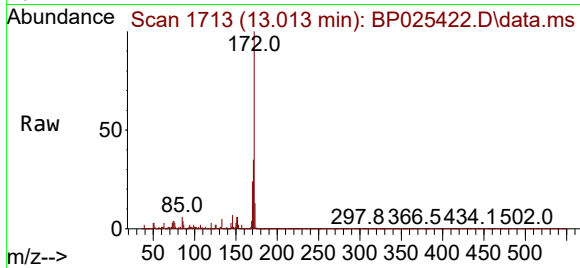
Tgt Ion:196 Resp: 388369
Ion Ratio Lower Upper
196 100
198 94.9 76.2 114.2
97 49.5 41.2 61.8
132 27.8 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 75.449 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

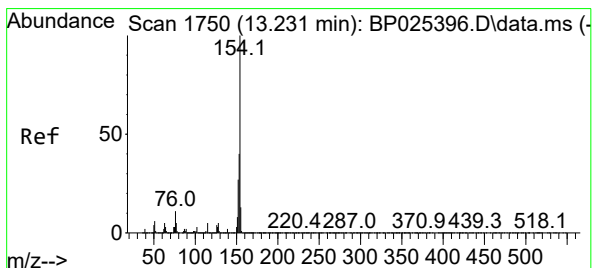
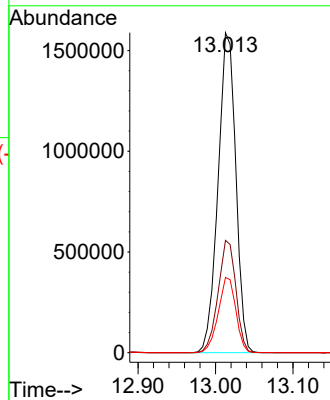
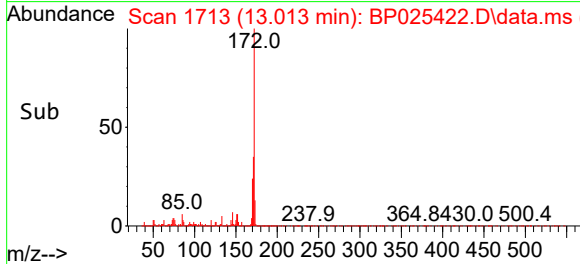
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



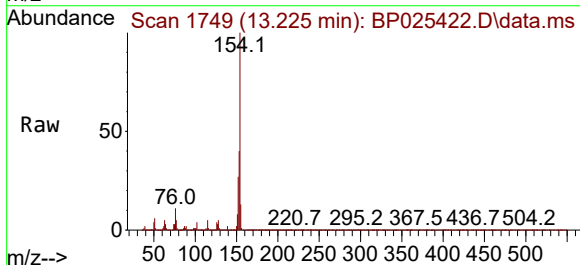
Tgt Ion:172 Resp: 2530100
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.5 18.6 28.0

Manual Integrations
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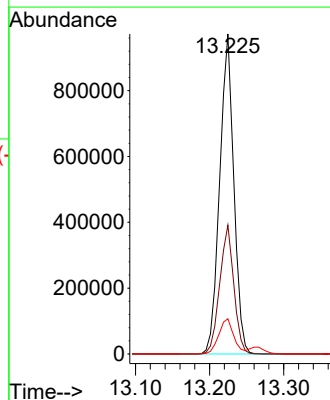
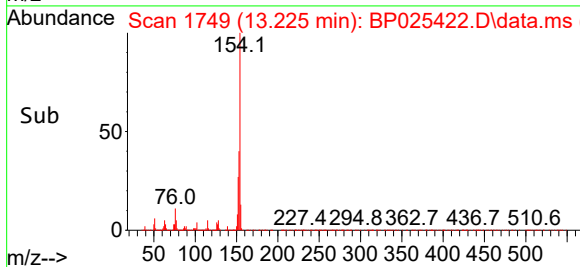
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

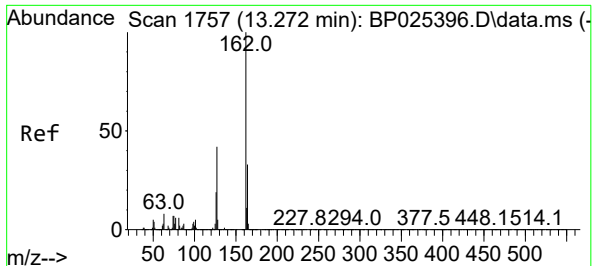


#46
1,1'-Biphenyl
Concen: 38.672 ng
RT: 13.225 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36



Tgt Ion:154 Resp: 1287182
Ion Ratio Lower Upper
154 100
153 40.2 19.5 59.5
76 11.0 0.0 31.1





#47

2-Chloronaphthalene

Concen: 38.780 ng

RT: 13.266 min Scan# 1756

Delta R.T. -0.006 min

Lab File: BP025422.D

Acq: 15 Aug 2025 10:36

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 1004850

Ion Ratio Lower Upper

162 100

127 41.4 33.4 50.2

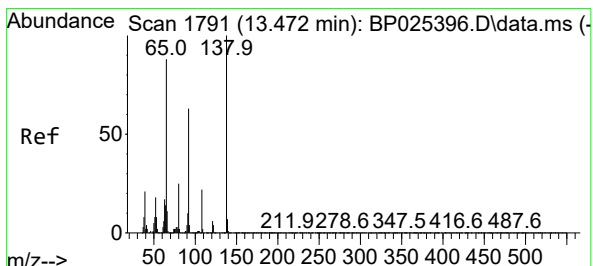
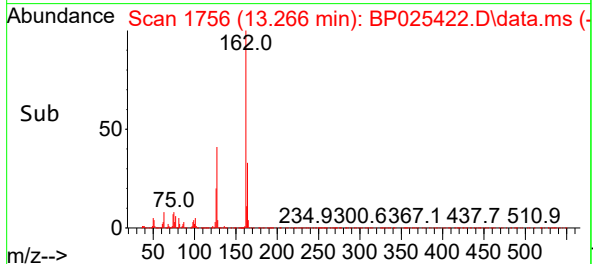
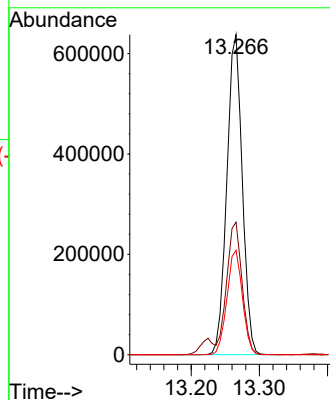
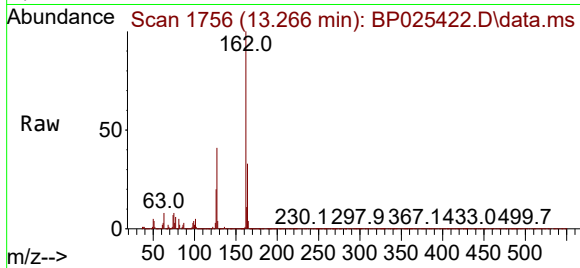
164 32.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#48

2-Nitroaniline

Concen: 40.910 ng

RT: 13.466 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BP025422.D

Acq: 15 Aug 2025 10:36

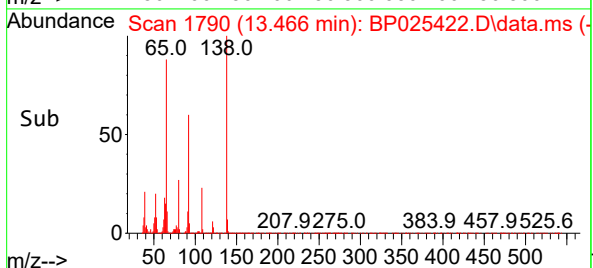
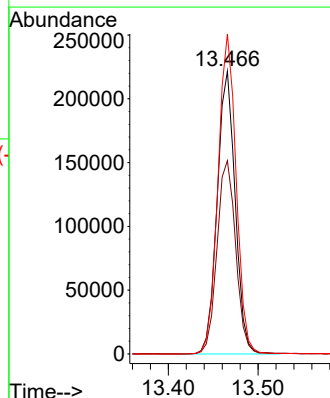
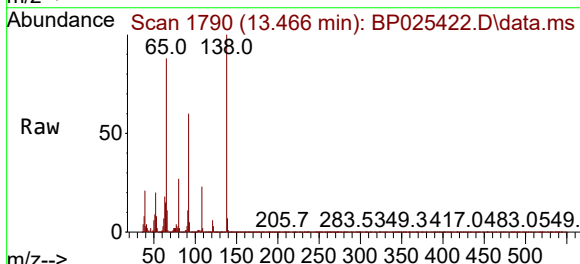
Tgt Ion: 65 Resp: 308875

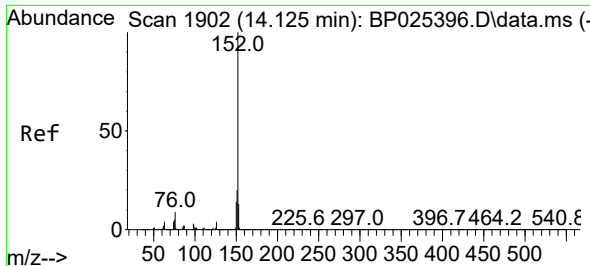
Ion Ratio Lower Upper

65 100

92 68.4 57.6 86.4

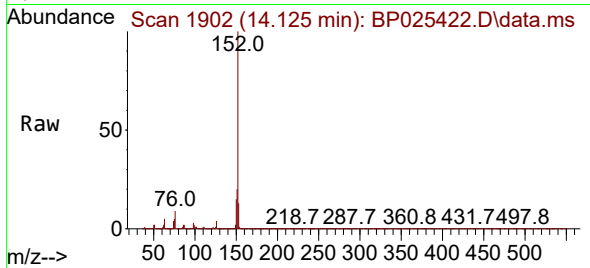
138 113.2 91.0 136.6





#49
Acenaphthylene
Concen: 38.457 ng
RT: 14.125 min Scan# 1902
Delta R.T. -0.000 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

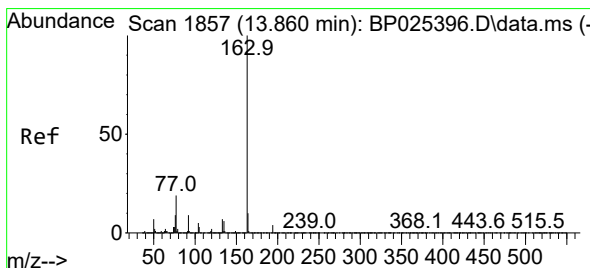
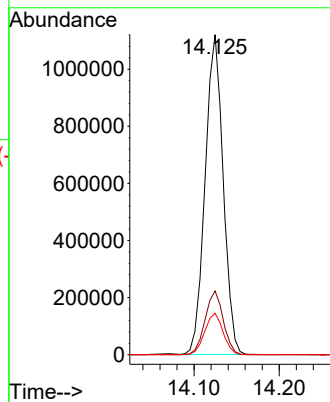
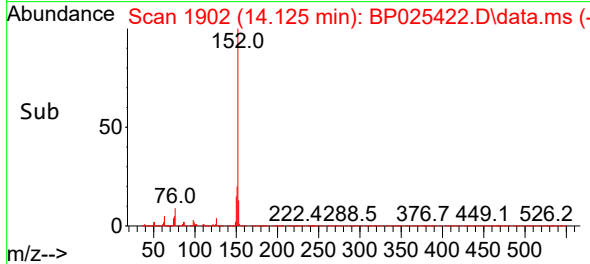
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 164888
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 12.9 10.6 15.8

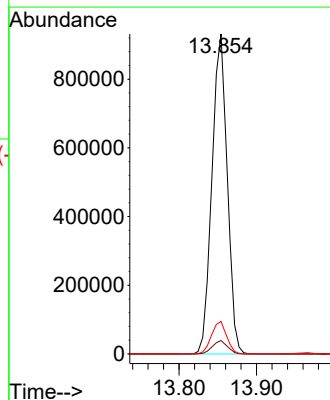
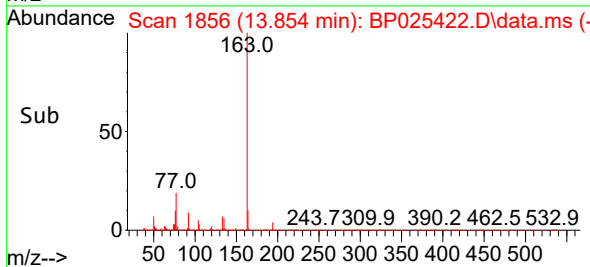
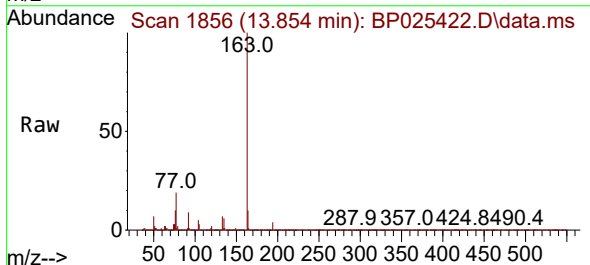
Manual Integrations
APPROVED

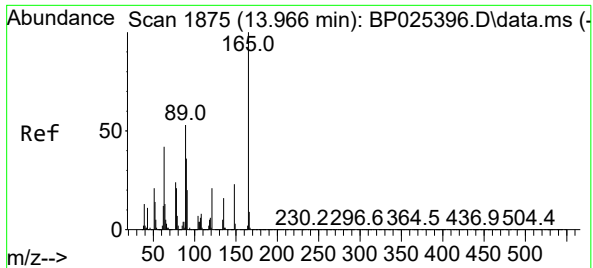
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#50
Dimethylphthalate
Concen: 38.040 ng
RT: 13.854 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

Tgt Ion:163 Resp: 1276659
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.2 7.9 11.9





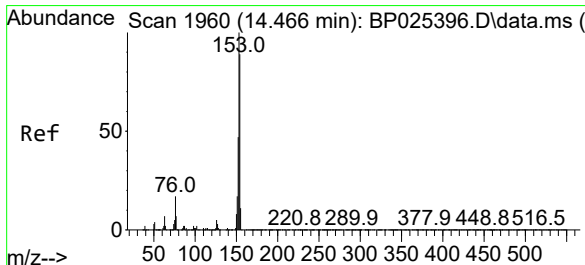
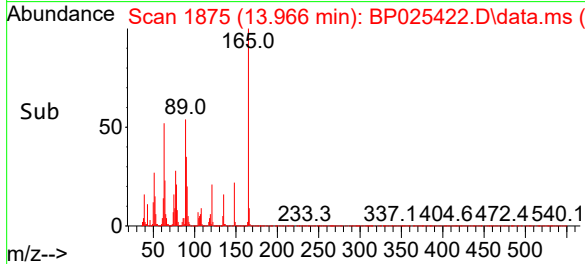
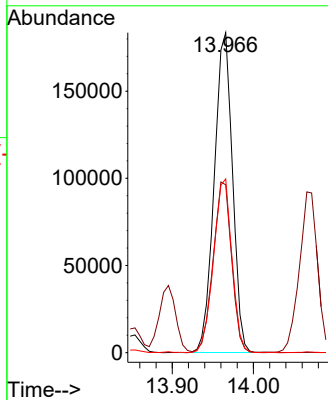
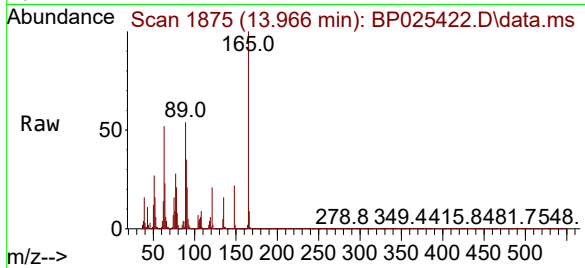
#51
2,6-Dinitrotoluene
Concen: 40.628 ng
RT: 13.966 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 287385
Ion Ratio Lower Upper
165 100
63 52.5 40.9 61.3
89 54.3 42.1 63.1

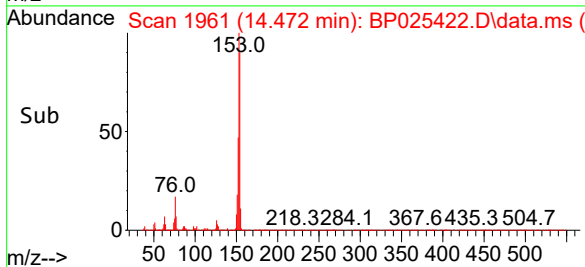
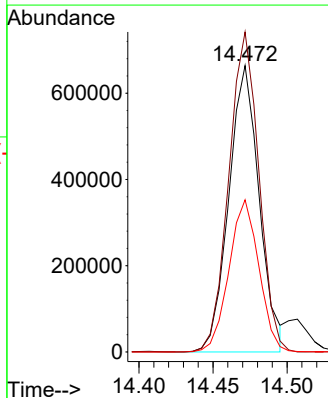
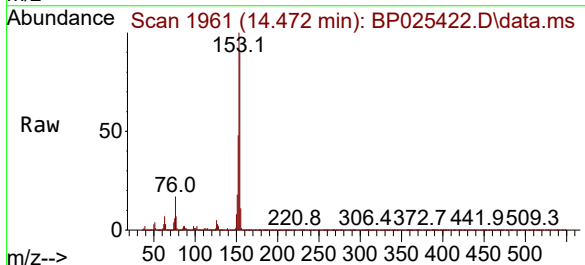
Manual Integrations
APPROVED

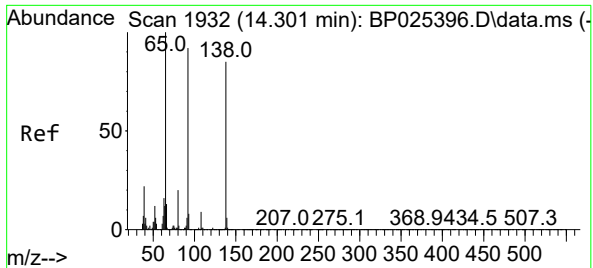
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#52
Acenaphthene
Concen: 37.707 ng m
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

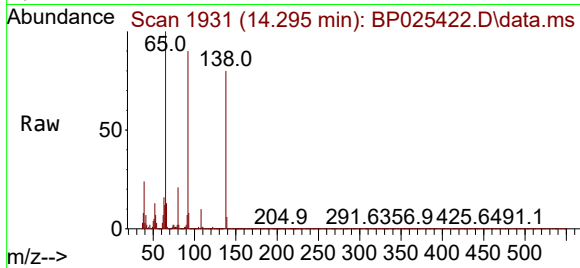
Tgt Ion:154 Resp: 949003
Ion Ratio Lower Upper
154 100
153 111.7 90.2 135.2
152 53.1 42.1 63.1





#53
3-Nitroaniline
Concen: 40.043 ng
RT: 14.295 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

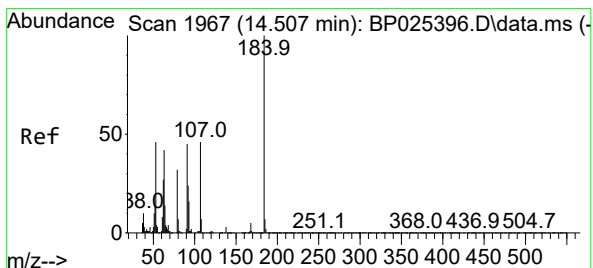
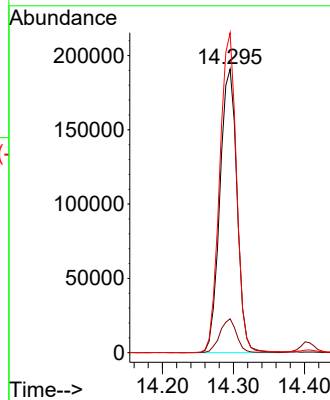
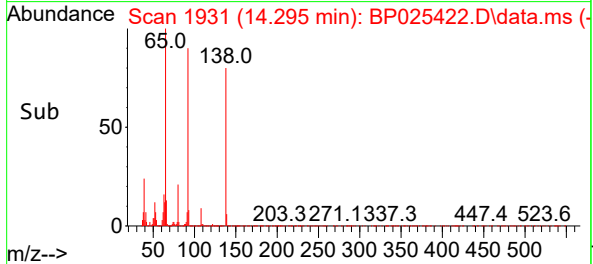
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 31868
Ion Ratio Lower Upper
138 100
108 11.9 8.3 12.5
92 112.8 86.2 129.2

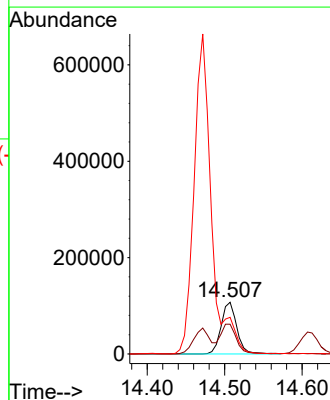
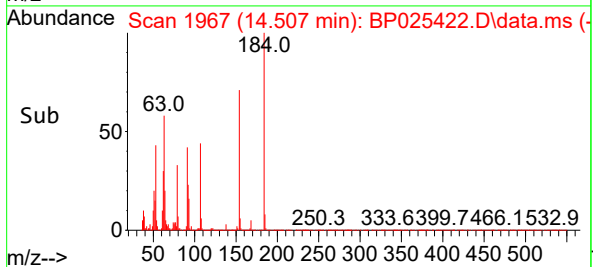
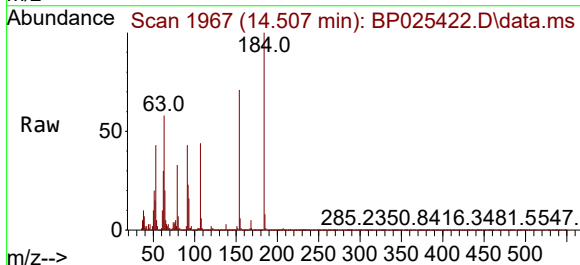
Manual Integrations
APPROVED

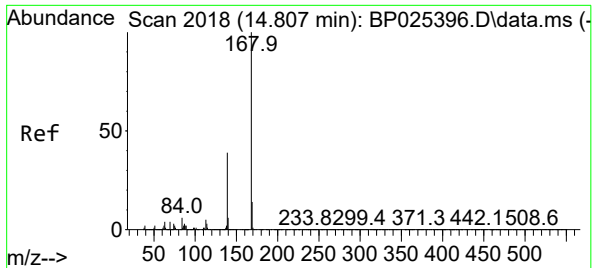
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#54
2,4-Dinitrophenol
Concen: 39.794 ng
RT: 14.507 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

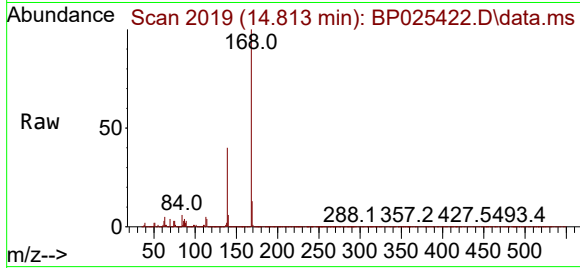
Tgt Ion:184 Resp: 150322
Ion Ratio Lower Upper
184 100
63 57.7 49.4 74.2
154 70.9 54.6 82.0





#55
Dibenzenofuran
Concen: 37.495 ng
RT: 14.813 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

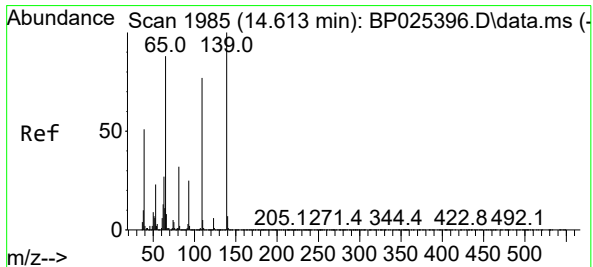
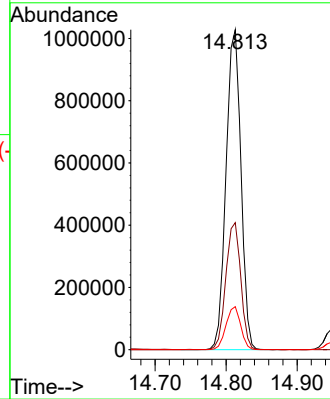
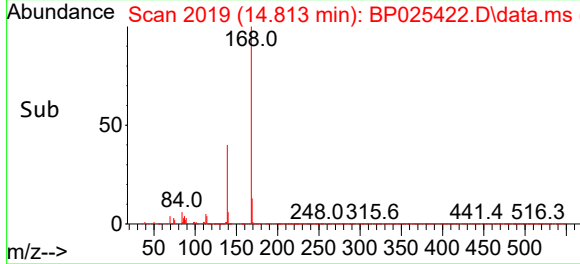
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



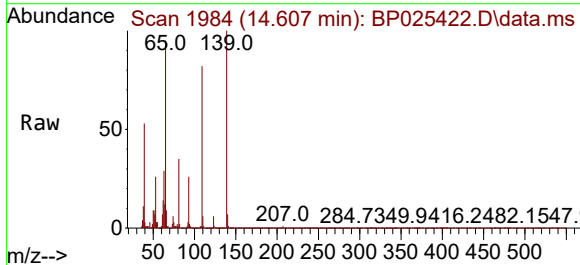
Tgt Ion:168 Resp: 149192
Ion Ratio Lower Upper
168 100
139 39.7 31.5 47.3
169 13.4 10.9 16.3

Manual Integrations
APPROVED

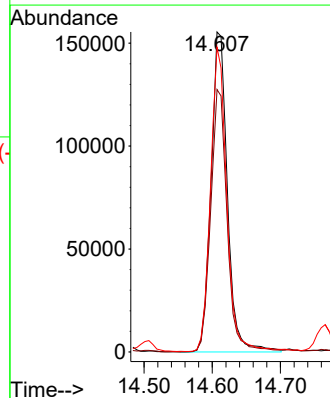
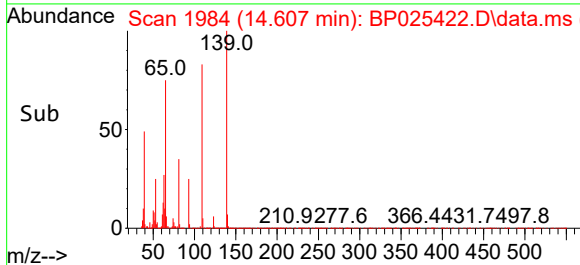
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

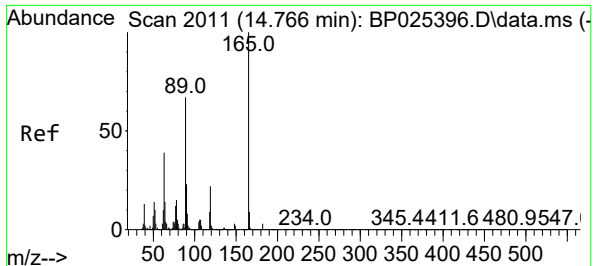


#56
4-Nitrophenol
Concen: 39.771 ng
RT: 14.607 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36



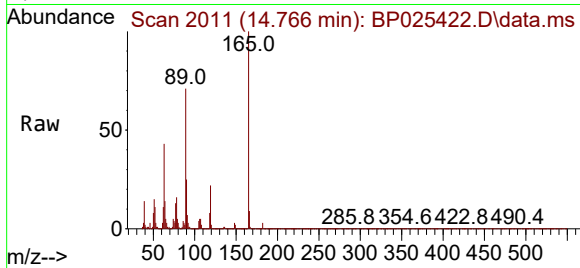
Tgt Ion:139 Resp: 260098
Ion Ratio Lower Upper
139 100
109 82.0 56.6 96.6
65 95.2 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 40.518 ng
RT: 14.766 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

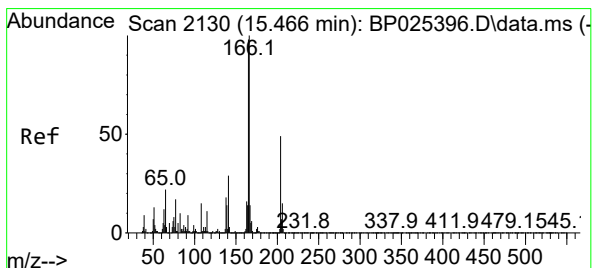
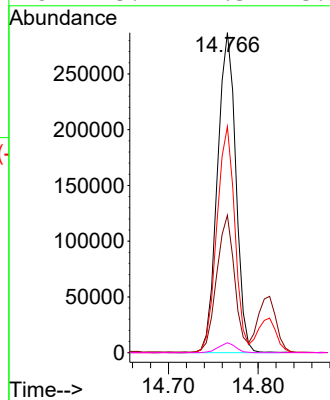
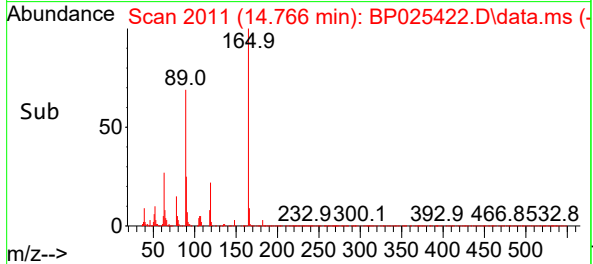
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 408919
Ion Ratio Lower Upper
165 100
63 43.0 31.4 47.2
89 70.7 53.3 79.9
182 3.1 2.3 3.5

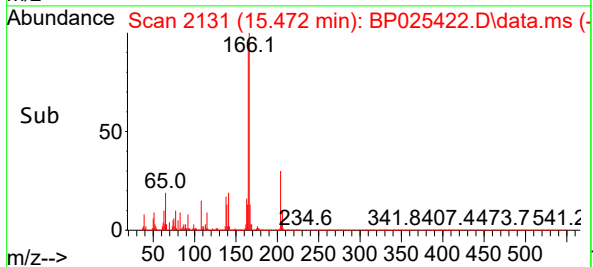
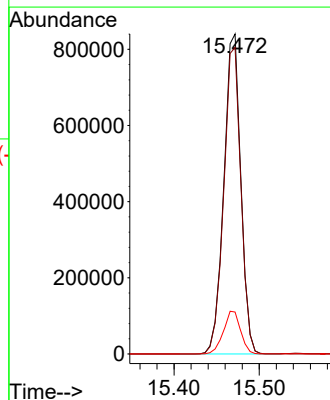
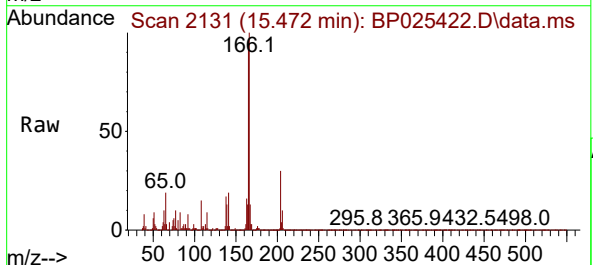
Manual Integrations
APPROVED

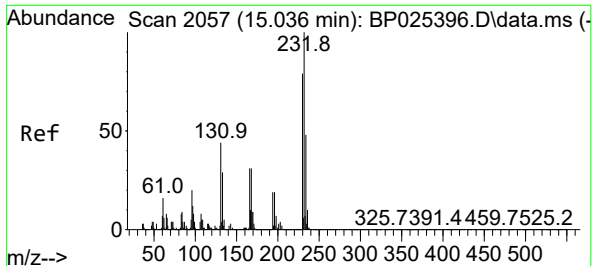
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#58
Fluorene
Concen: 37.121 ng
RT: 15.472 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

Tgt Ion:166 Resp: 1165482
Ion Ratio Lower Upper
166 100
165 95.8 78.8 118.2
167 13.1 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.927 ng

RT: 15.036 min Scan# 2057

Delta R.T. -0.000 min

Lab File: BP025422.D

Acq: 15 Aug 2025 10:36

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 34527

Ion Ratio Lower Upper

232 100

131 47.6 37.0 55.6

130 2.6 1.9 2.9

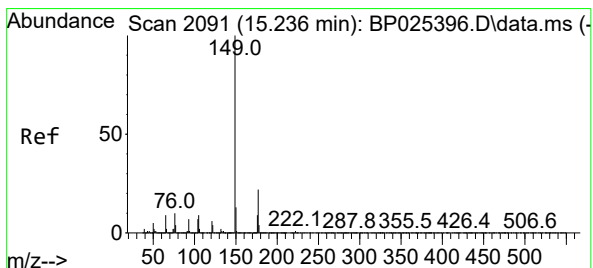
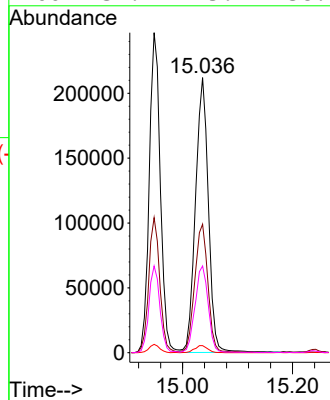
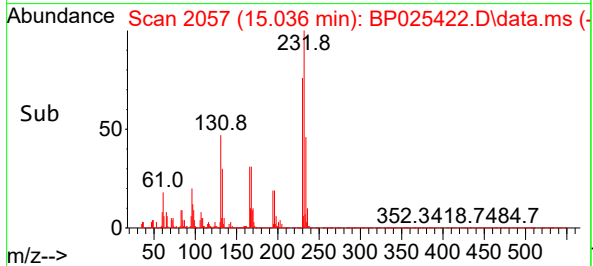
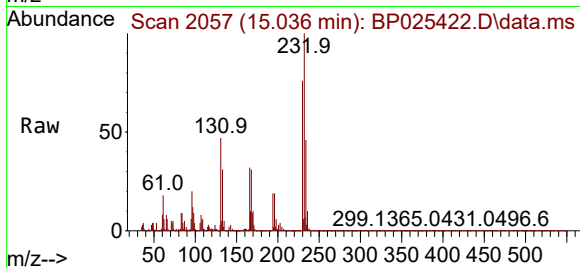
166 31.9 25.4 38.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#60

Diethylphthalate

Concen: 38.058 ng

RT: 15.236 min Scan# 2091

Delta R.T. -0.000 min

Lab File: BP025422.D

Acq: 15 Aug 2025 10:36

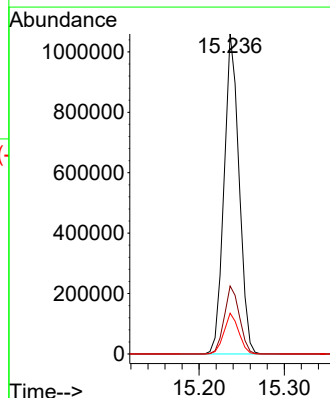
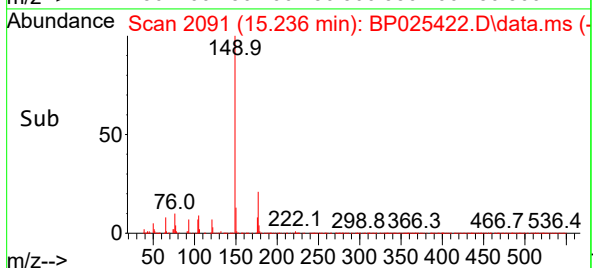
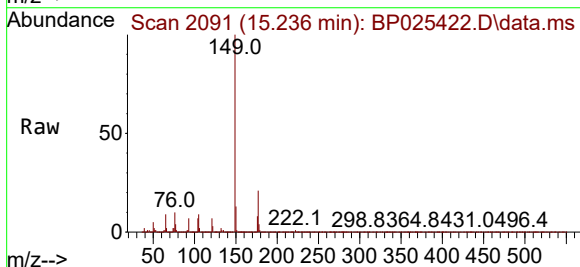
Tgt Ion:149 Resp: 1297841

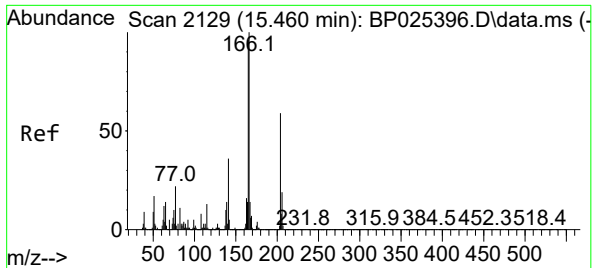
Ion Ratio Lower Upper

149 100

177 21.3 17.3 25.9

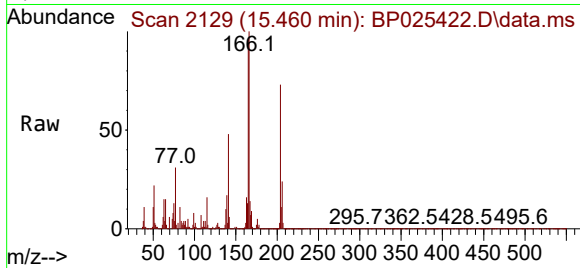
150 12.8 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 36.845 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

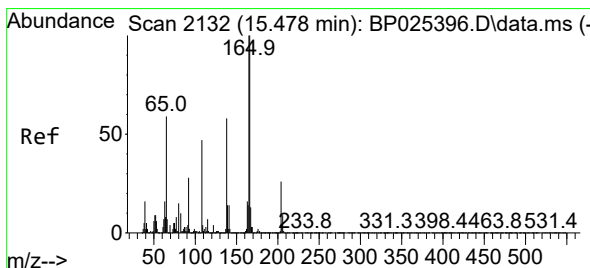
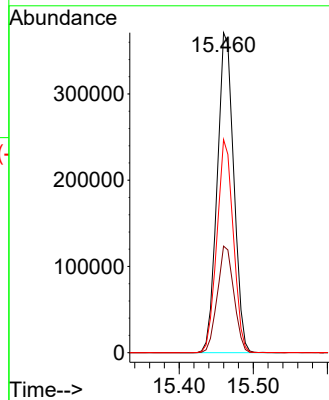
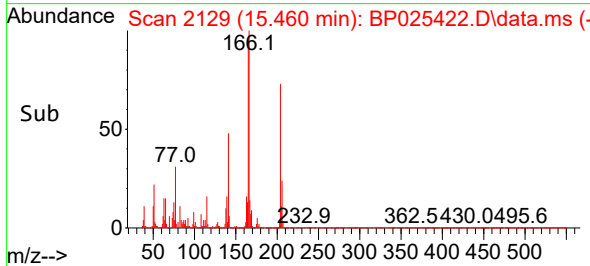
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



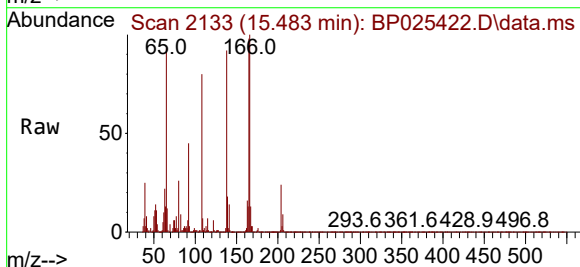
Tgt Ion:204 Resp: 575339
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.8
141 66.6 49.4 74.2

Manual Integrations
APPROVED

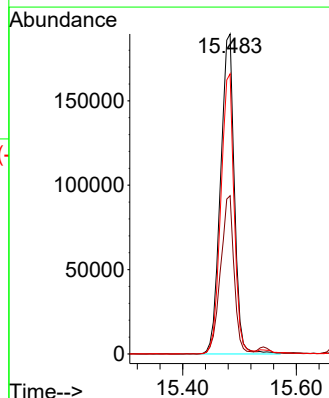
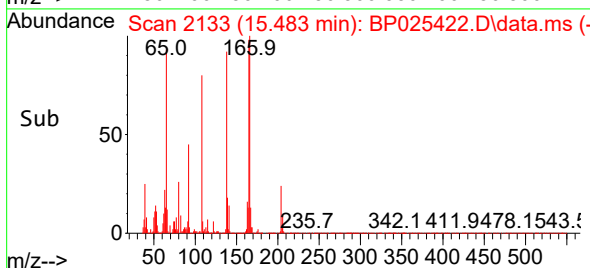
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

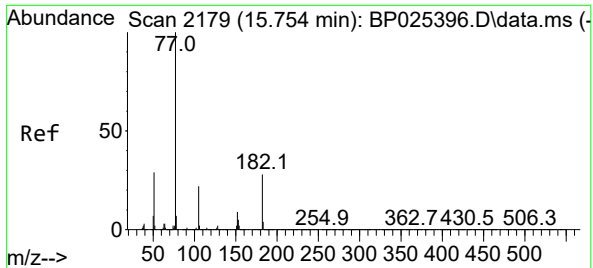


#62
4-Nitroaniline
Concen: 39.397 ng
RT: 15.483 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36



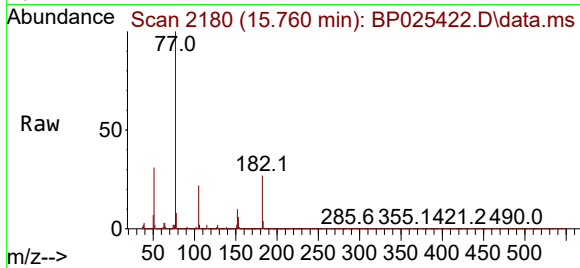
Tgt Ion:138 Resp: 321438
Ion Ratio Lower Upper
138 100
92 49.4 29.1 69.1
108 87.5 61.5 101.5





#63
Azobenzene
Concen: 39.282 ng
RT: 15.760 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

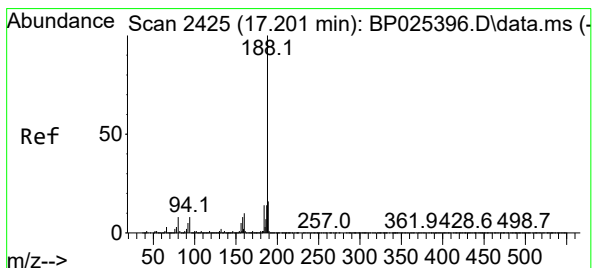
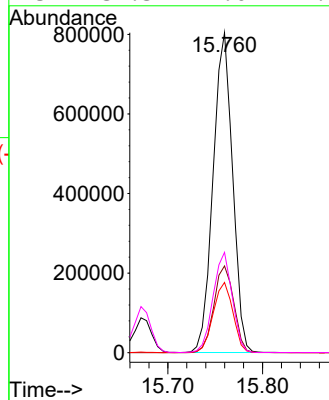
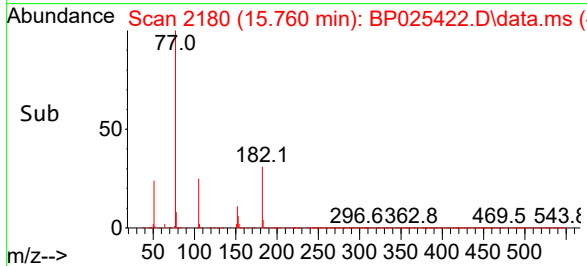
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 1147009
Ion Ratio Lower Upper
77 100
182 27.1 7.5 47.5
105 22.0 2.1 42.1
51 31.3 9.6 49.6

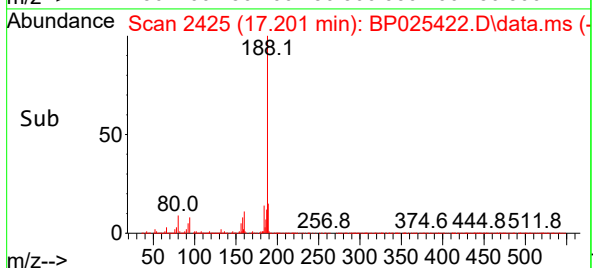
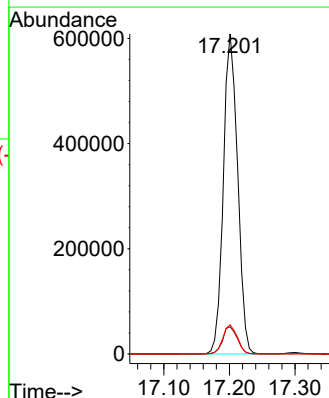
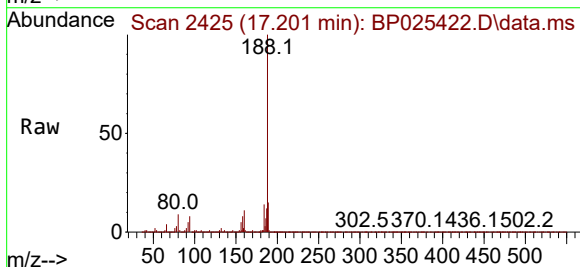
Manual Integrations
APPROVED

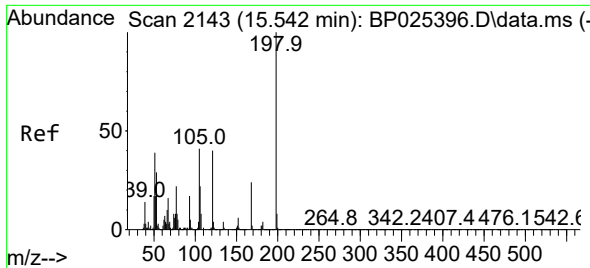
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

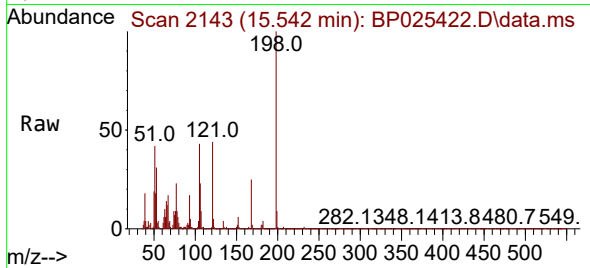
Tgt Ion:188 Resp: 913689
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.1 6.7 10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 39.253 ng
RT: 15.542 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

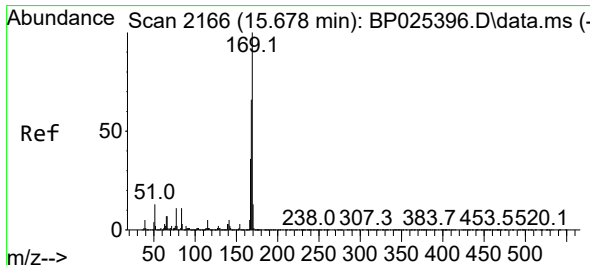
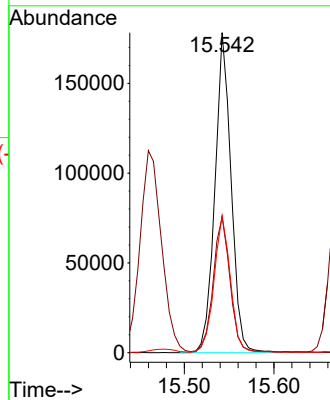
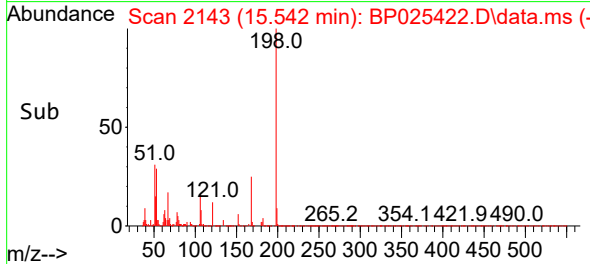
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



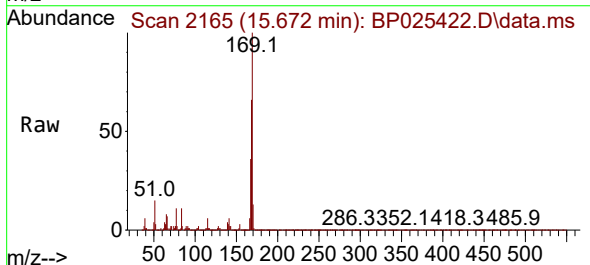
Tgt Ion:198 Resp: 223560
Ion Ratio Lower Upper
198 100
51 42.4 19.6 59.6
105 42.9 20.9 60.9

Manual Integrations
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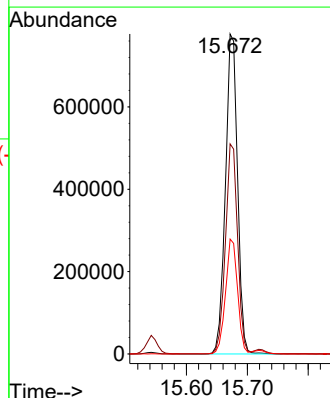
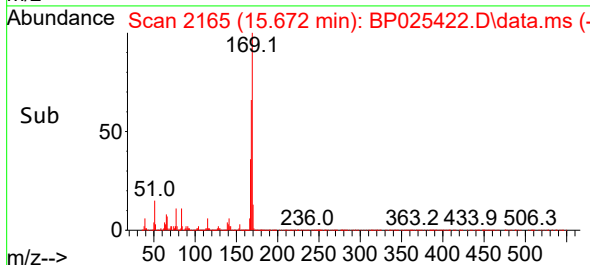
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

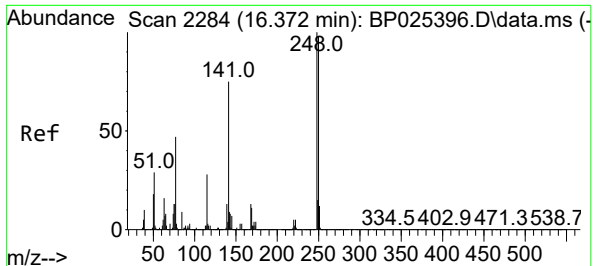


#66
n-Nitrosodiphenylamine
Concen: 38.519 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36



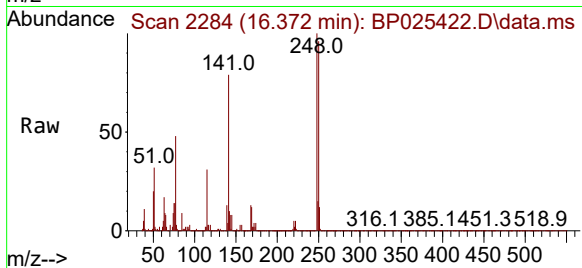
Tgt Ion:169 Resp: 1073233
Ion Ratio Lower Upper
169 100
168 65.7 53.2 79.8
167 35.9 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 38.195 ng
RT: 16.372 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

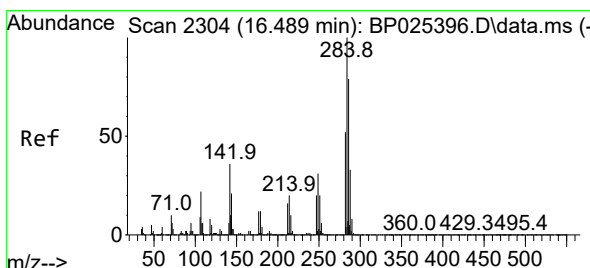
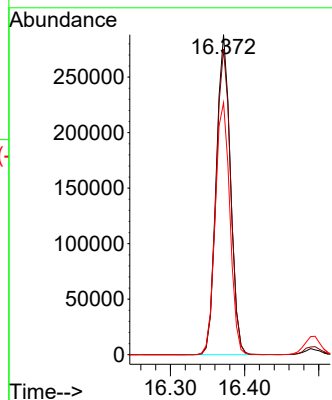
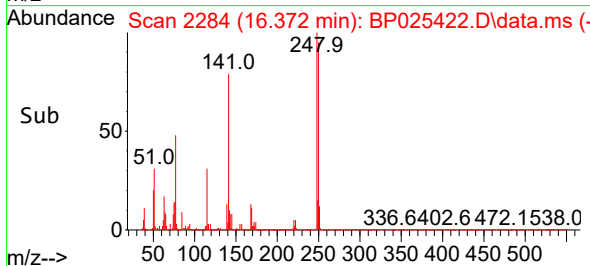
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 383814
Ion Ratio Lower Upper
248 100
250 95.5 78.2 117.2
141 78.8 59.6 89.4

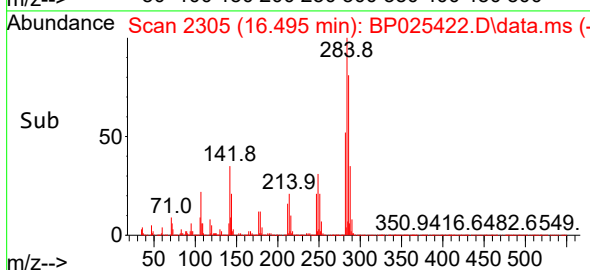
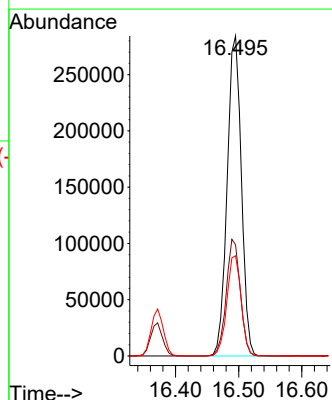
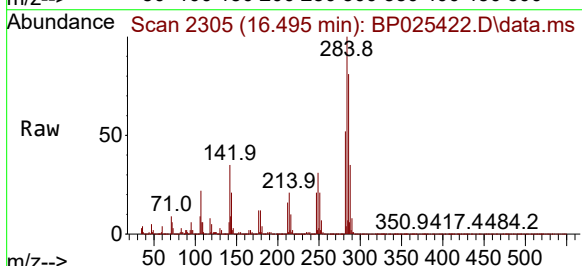
Manual Integrations
APPROVED

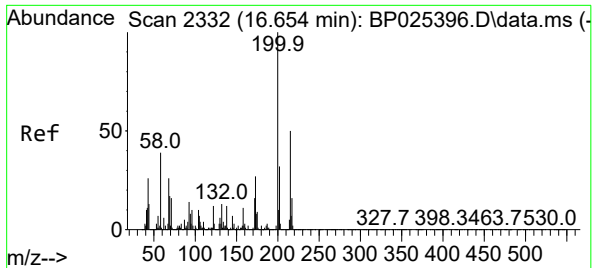
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#68
Hexachlorobenzene
Concen: 37.966 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

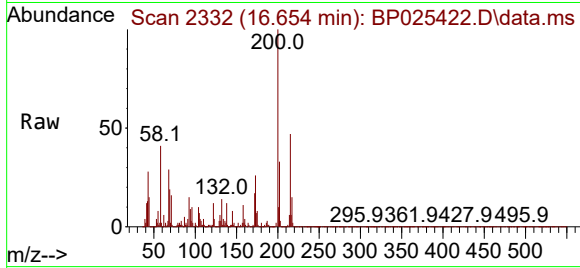
Tgt Ion:284 Resp: 442250
Ion Ratio Lower Upper
284 100
142 34.8 29.1 43.7
249 31.3 25.0 37.4





#69
Atrazine
Concen: 37.872 ng
RT: 16.654 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

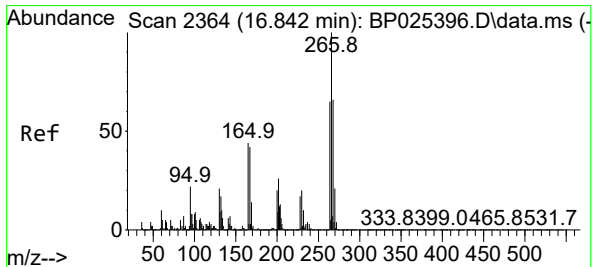
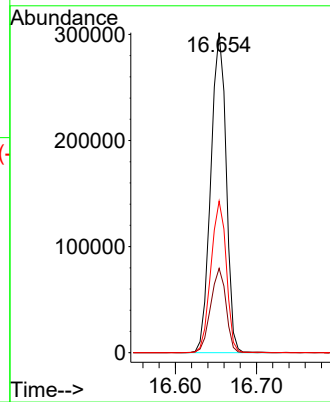
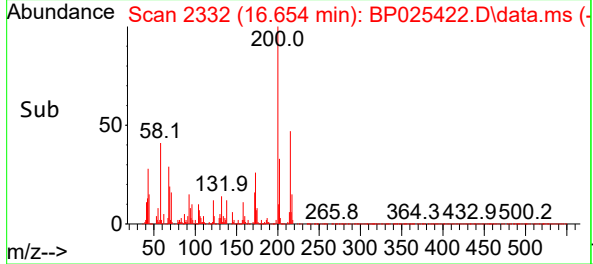
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:200 Resp: 395168
Ion Ratio Lower Upper
200 100
173 26.3 6.7 46.7
215 47.3 29.7 69.7

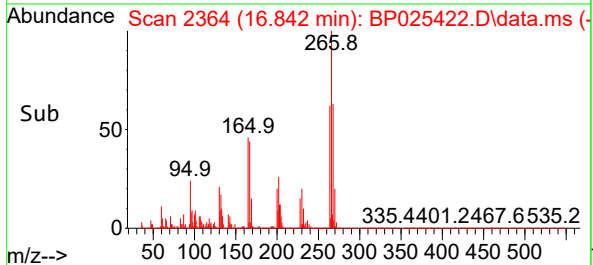
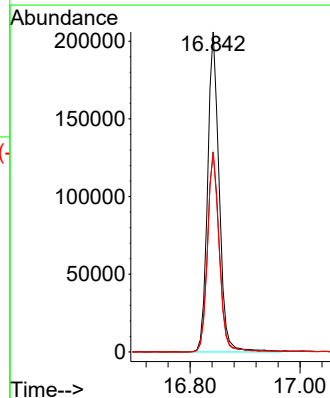
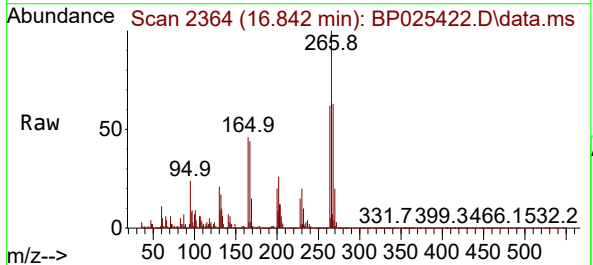
Manual Integrations
APPROVED

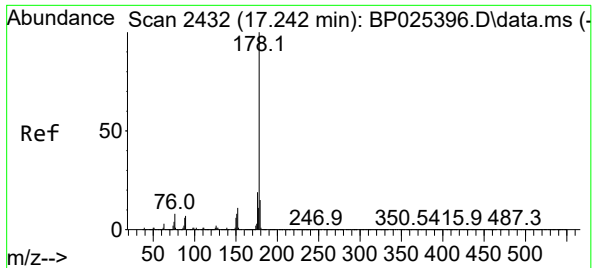
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#70
Pentachlorophenol
Concen: 40.681 ng
RT: 16.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

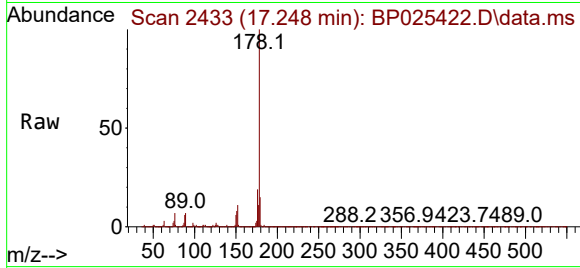
Tgt Ion:266 Resp: 299142
Ion Ratio Lower Upper
266 100
268 62.5 52.6 79.0
264 62.4 52.0 78.0





#71
Phenanthrene
Concen: 37.862 ng
RT: 17.248 min Scan# 2432
Delta R.T. 0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

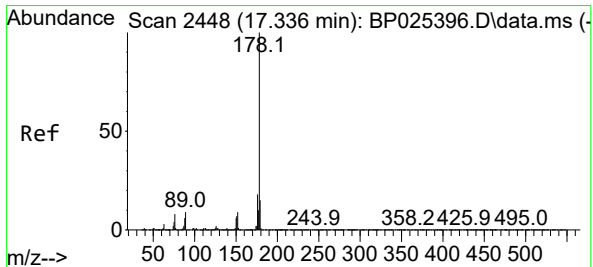
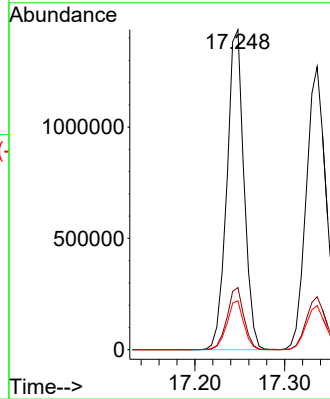
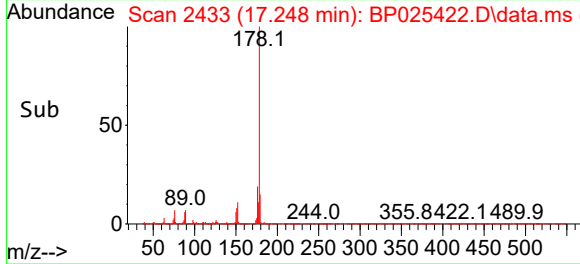
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 1900372
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.2 12.2 18.4

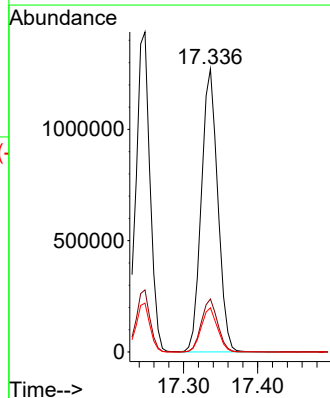
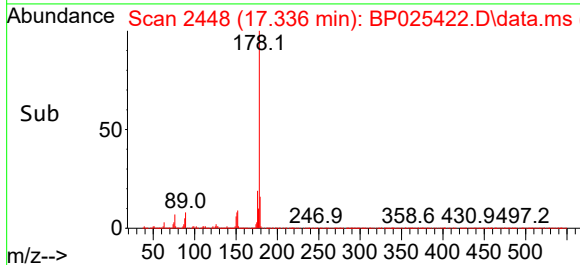
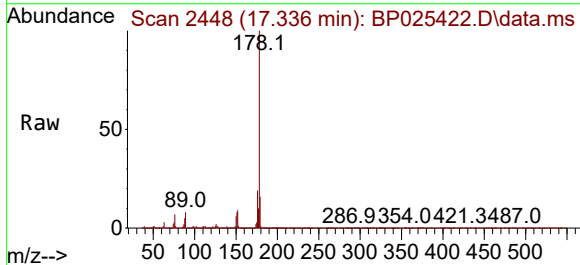
Manual Integrations
APPROVED

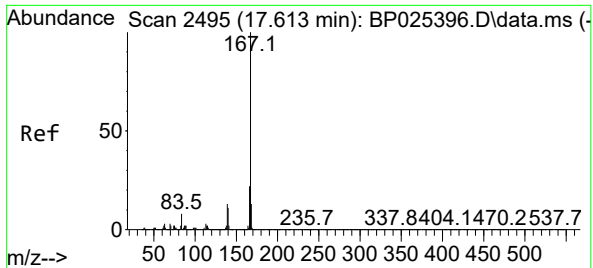
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#72
Anthracene
Concen: 38.117 ng
RT: 17.336 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

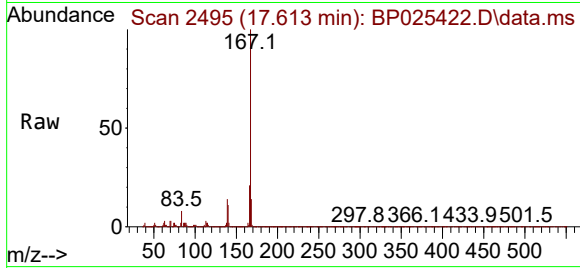
Tgt Ion:178 Resp: 1953735
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.6 12.2 18.2





#73
 Carbazole
 Concen: 37.549 ng
 RT: 17.613 min Scan# 2495
 Delta R.T. -0.000 min
 Lab File: BP025422.D
 Acq: 15 Aug 2025 10:36

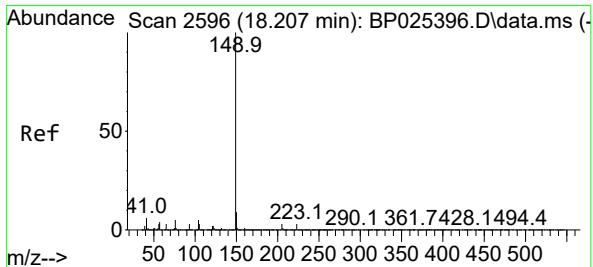
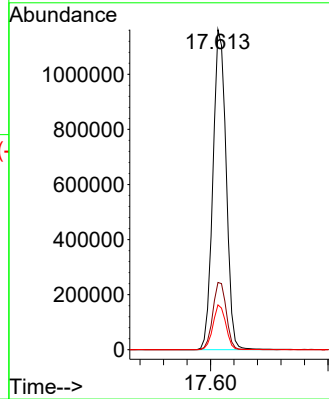
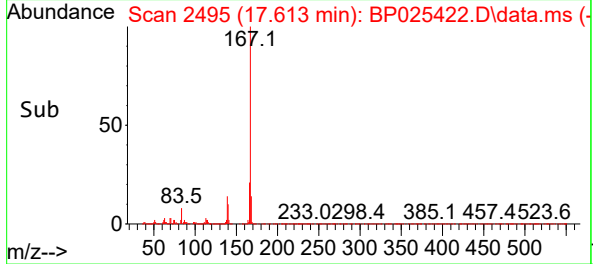
Instrument :
 BNA_P
 ClientSampleId :
 SSTCCCC040



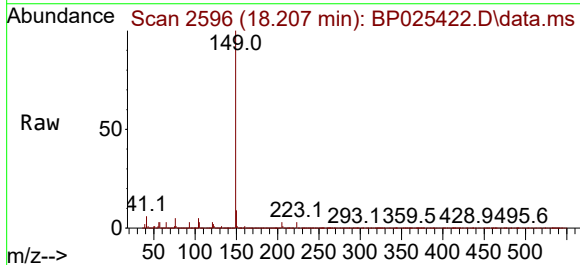
Tgt Ion:167 Resp: 1812820
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.5 26.3
 139 14.0 10.6 16.0

Manual Integrations
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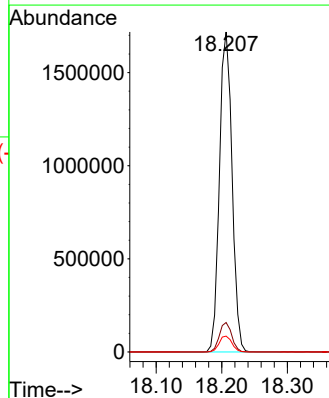
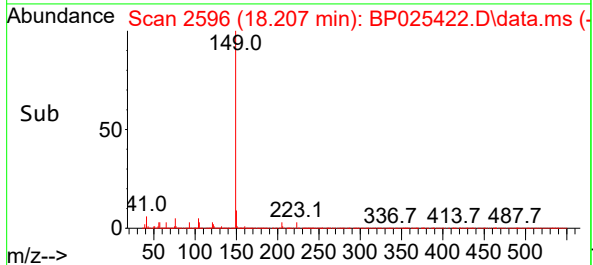
Reviewed By :Rahul Chavli 08/18/2025
 Supervised By :Jagrut Upadhyay 08/18/2025

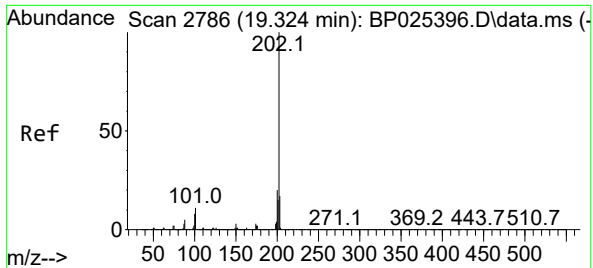


#74
 Di-n-butylphthalate
 Concen: 38.345 ng
 RT: 18.207 min Scan# 2596
 Delta R.T. -0.000 min
 Lab File: BP025422.D
 Acq: 15 Aug 2025 10:36



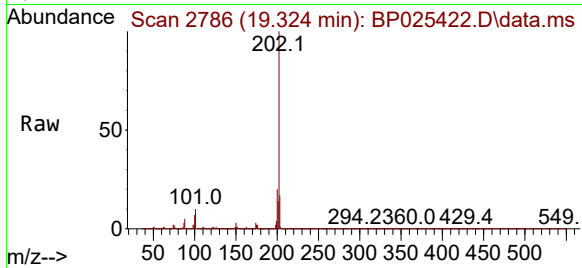
Tgt Ion:149 Resp: 2277638
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.9 4.2 6.2





#75
Fluoranthene
Concen: 37.721 ng
RT: 19.324 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

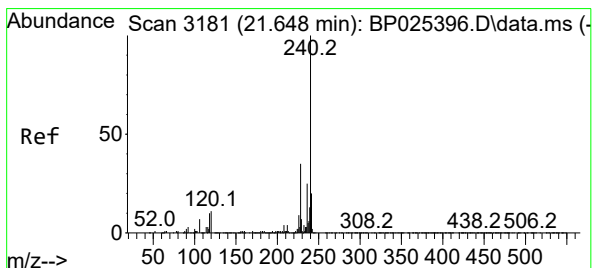
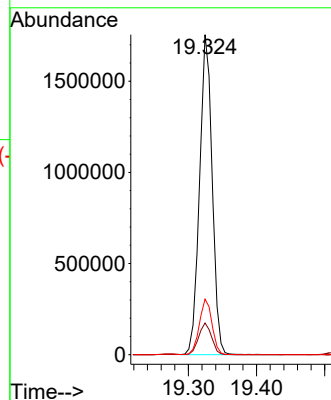
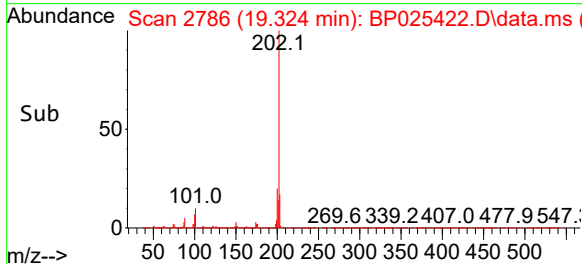
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 2258330
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.1
203 17.4 0.0 37.3

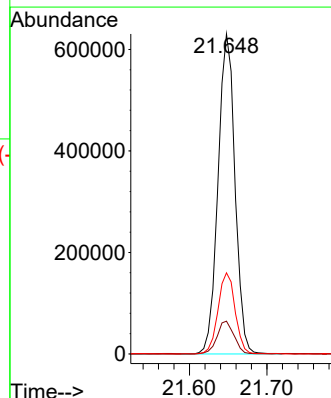
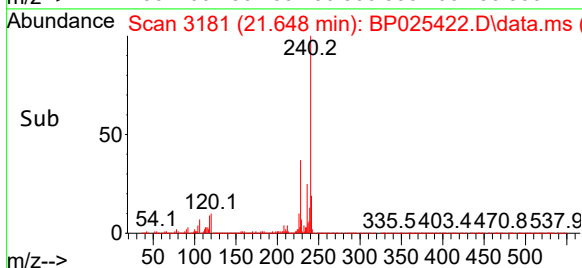
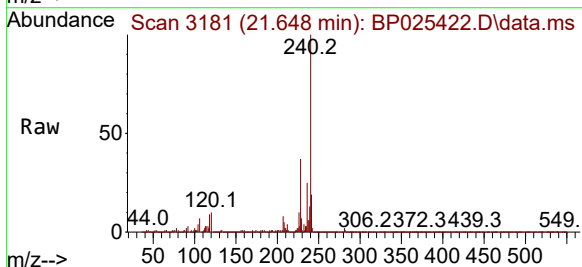
Manual Integrations
APPROVED

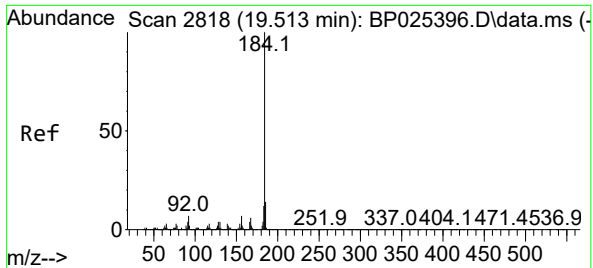
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. -0.000 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

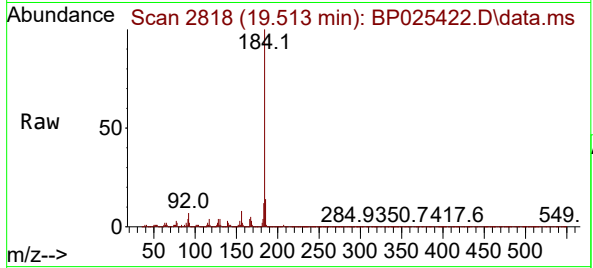
Tgt Ion:240 Resp: 958309
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.4 19.8 29.8





#77
Benzidine
Concen: 56.911 ng
RT: 19.513 min Scan# 2818
Delta R.T. -0.000 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

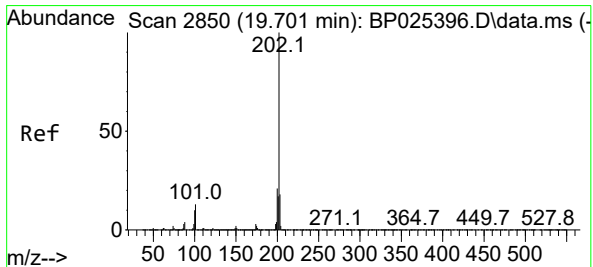
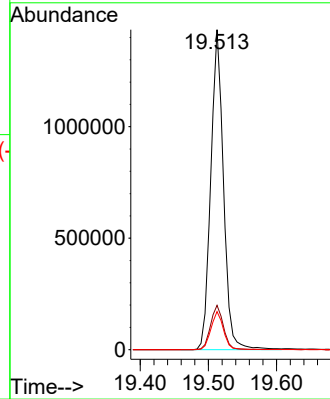
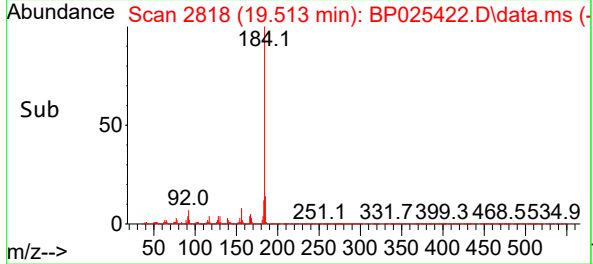
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 1861268
Ion Ratio Lower Upper
184 100
185 13.8 11.5 17.3
183 11.9 9.4 14.2

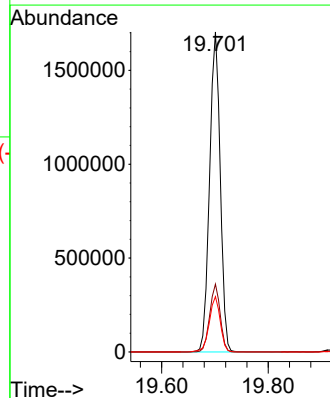
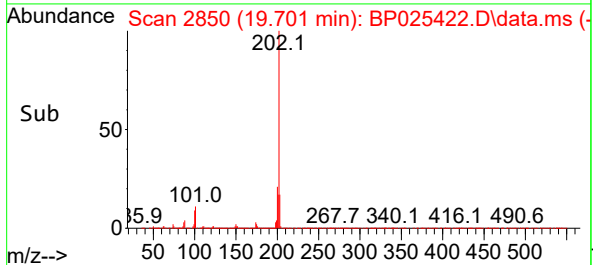
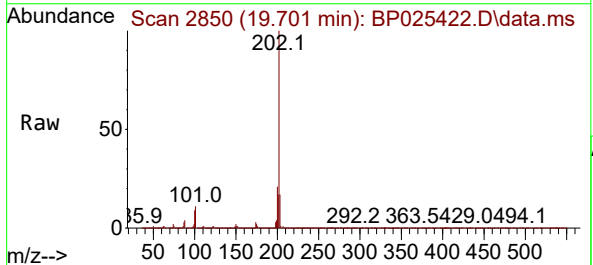
Manual Integrations
APPROVED

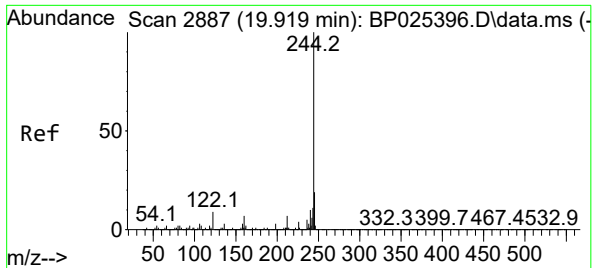
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#78
Pyrene
Concen: 37.884 ng
RT: 19.701 min Scan# 2850
Delta R.T. -0.000 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

Tgt Ion:202 Resp: 2359709
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.3 14.2 21.2





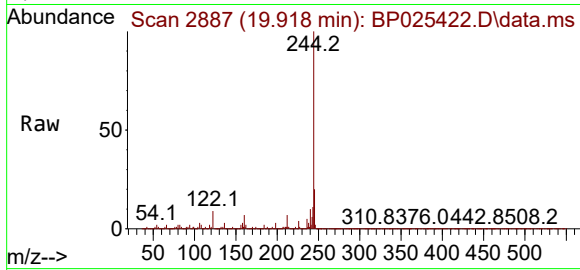
#79
Terphenyl-d14
Concen: 75.070 ng
RT: 19.918 min Scan# 2887
Delta R.T. -0.000 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 393209

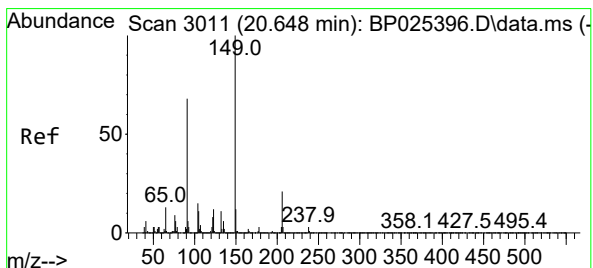
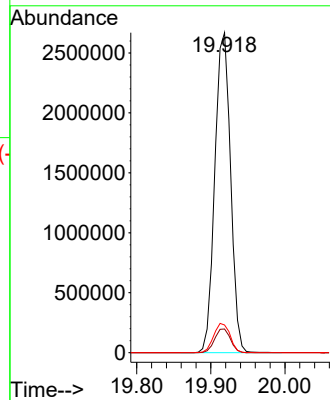
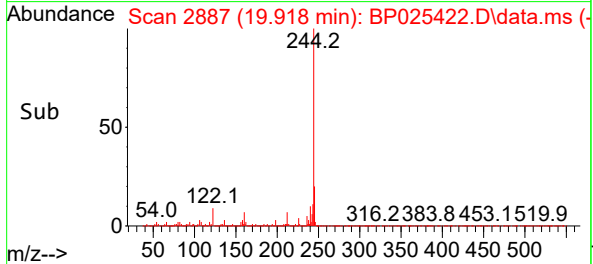
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	8.7	7.4	11.2

Manual Integrations

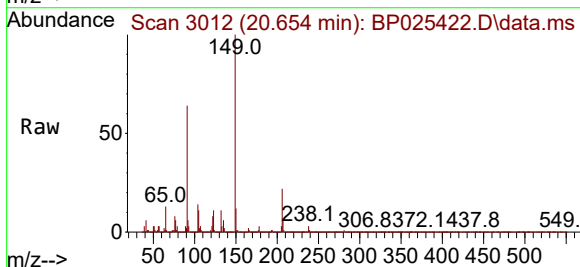
APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025

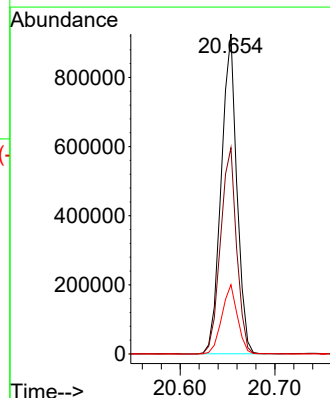
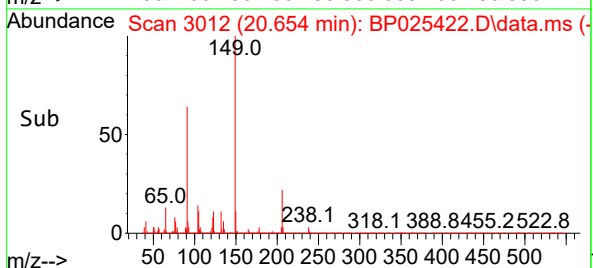


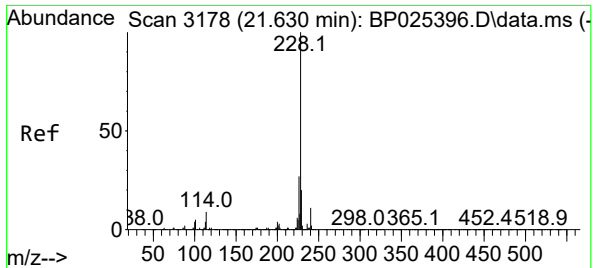
#80
Butylbenzylphthalate
Concen: 37.699 ng
RT: 20.654 min Scan# 3012
Delta R.T. 0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36



Tgt Ion:149 Resp: 1064206

Ion	Ratio	Lower	Upper
149	100		
91	64.5	54.2	81.2
206	21.7	16.6	24.8





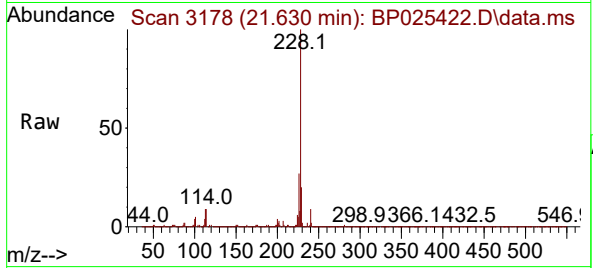
#81
Benzo(a)anthracene
Concen: 37.816 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.000 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

Instrument :

BNA_P

ClientSampleId :

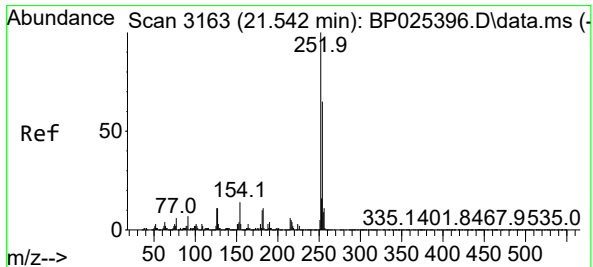
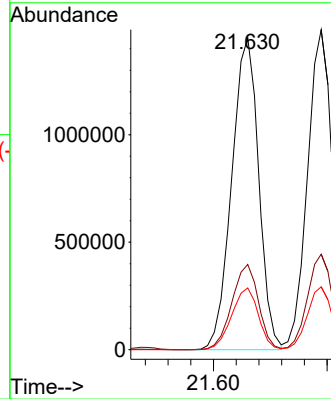
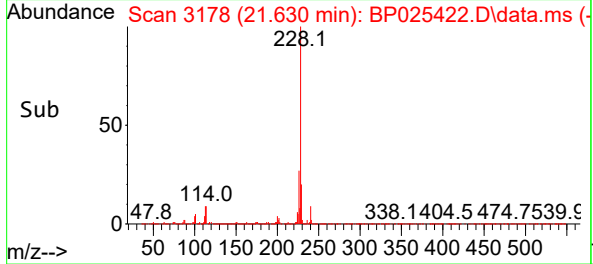
SSTDCCC040



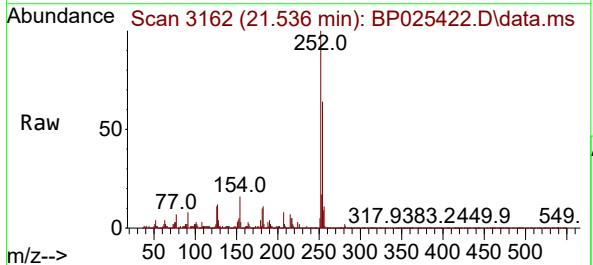
Tgt Ion:228 Resp: 2390024
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.8 15.6 23.4

Manual Integrations
APPROVED

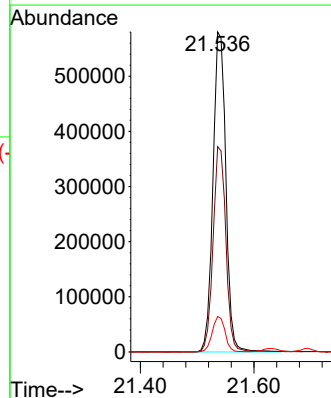
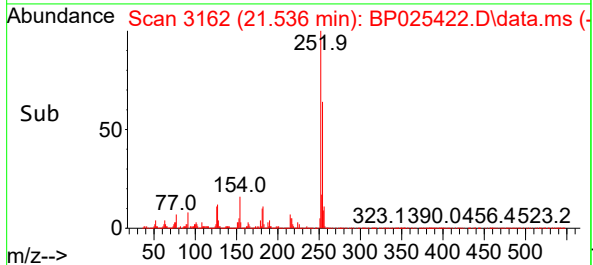
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

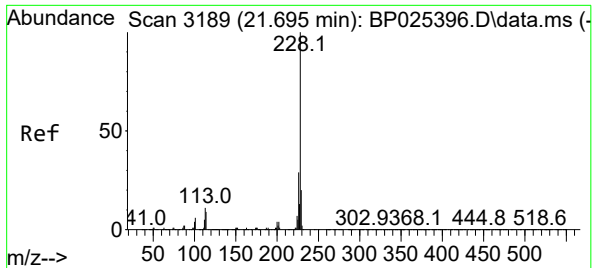


#82
3,3'-Dichlorobenzidine
Concen: 38.057 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.006 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36



Tgt Ion:252 Resp: 906596
Ion Ratio Lower Upper
252 100
254 64.1 51.8 77.6
126 11.1 9.1 13.7





#83

Chrysene

Concen: 37.876 ng

RT: 21.695 min Scan# 3189

Delta R.T. -0.000 min

Lab File: BP025422.D

Acq: 15 Aug 2025 10:36

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 2241792

Ion Ratio Lower Upper

228 100

226 29.8 23.2 34.8

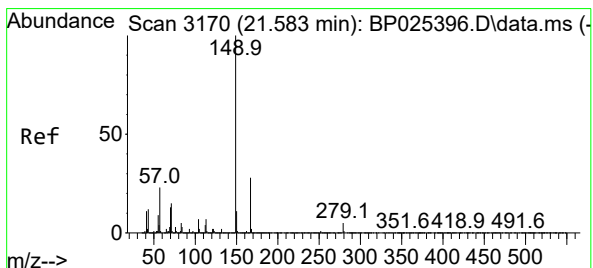
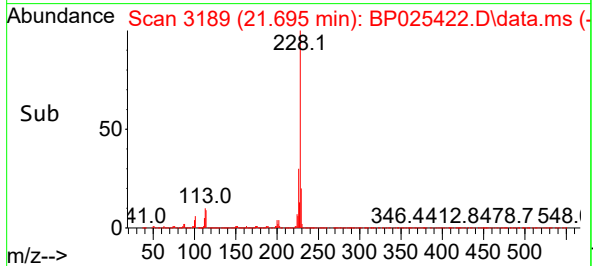
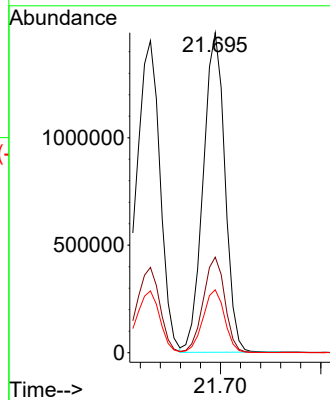
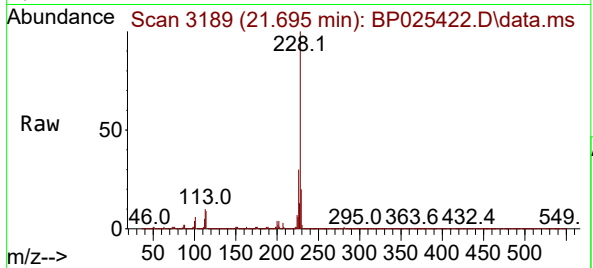
229 19.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.052 ng

RT: 21.571 min Scan# 3168

Delta R.T. -0.012 min

Lab File: BP025422.D

Acq: 15 Aug 2025 10:36

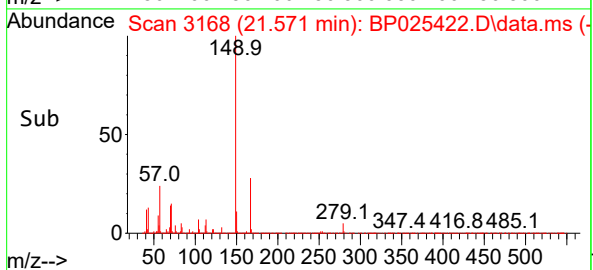
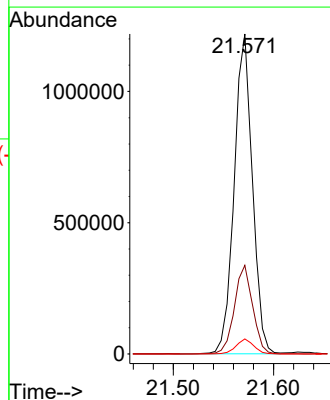
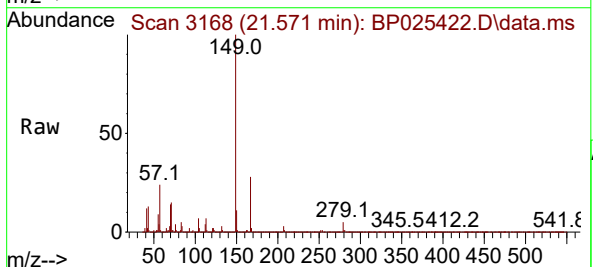
Tgt Ion:149 Resp: 1539693

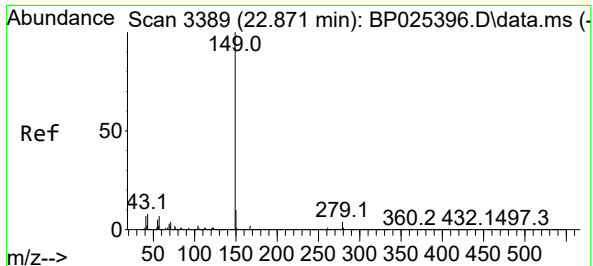
Ion Ratio Lower Upper

149 100

167 27.7 22.1 33.1

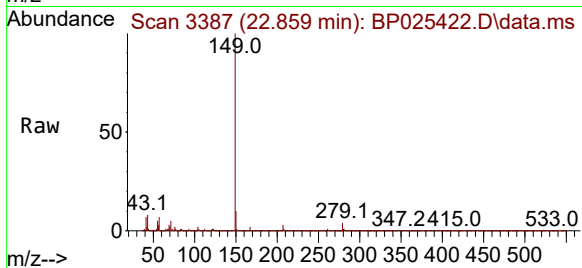
279 4.7 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 37.018 ng
RT: 22.859 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

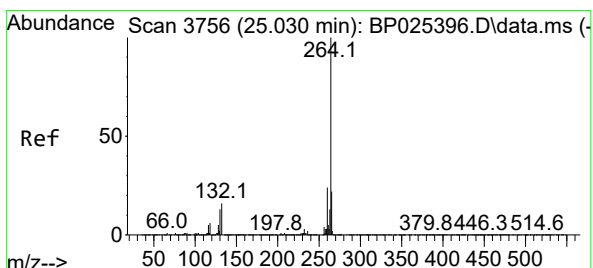
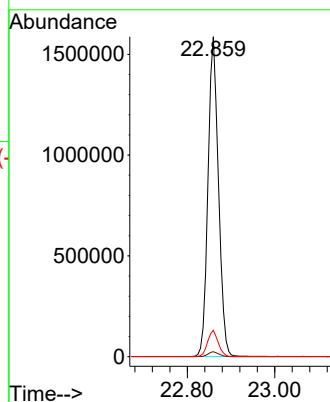
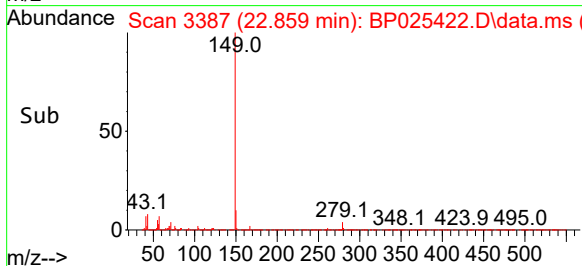
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



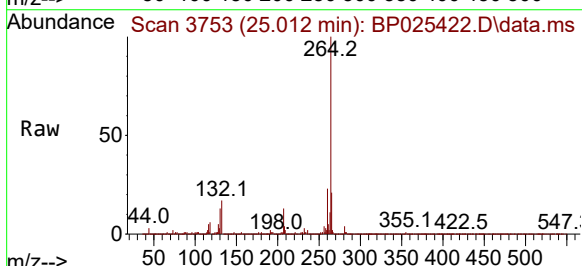
Tgt Ion:149 Resp: 264592
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.3 6.3 9.5

Manual Integrations
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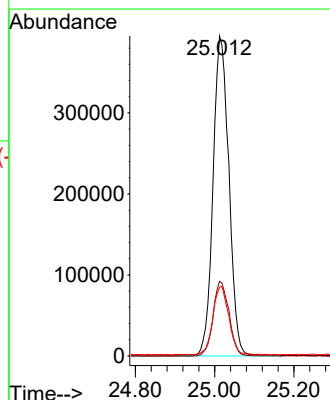
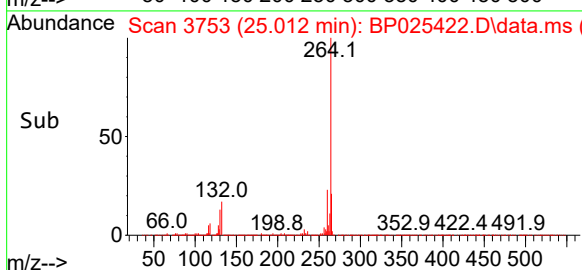
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

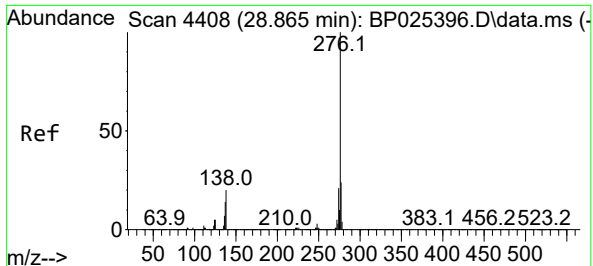


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.012 min Scan# 3753
Delta R.T. -0.018 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36



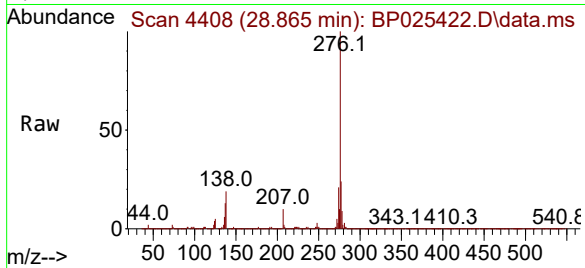
Tgt Ion:264 Resp: 1096861
Ion Ratio Lower Upper
264 100
260 23.3 19.3 28.9
265 21.4 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.082 ng
RT: 28.865 min Scan# 4408
Delta R.T. -0.000 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

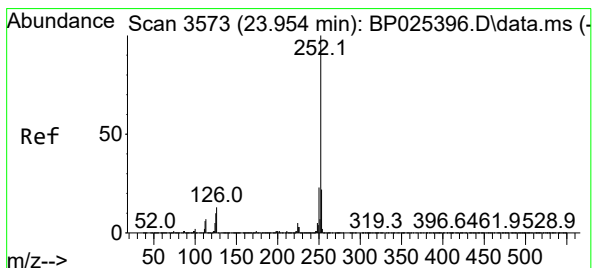
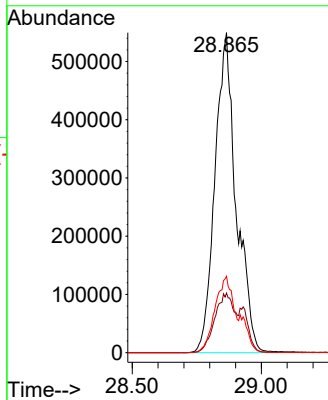
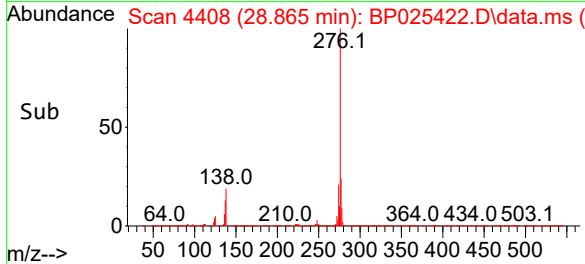
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



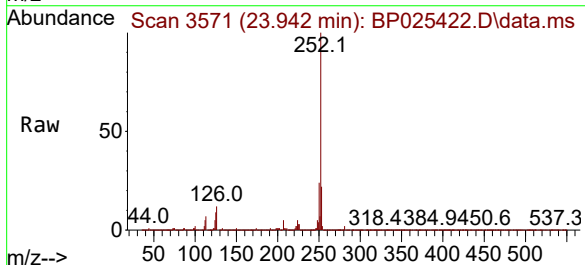
Tgt Ion: 276 Resp: 3143690
Ion Ratio Lower Upper
276 100
138 17.7 12.9 19.3
277 21.0 17.0 25.6

Manual Integrations
APPROVED

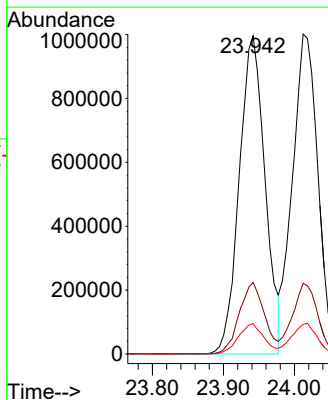
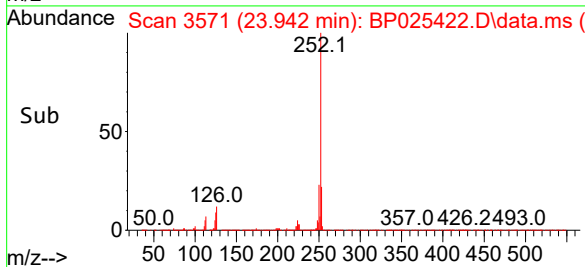
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

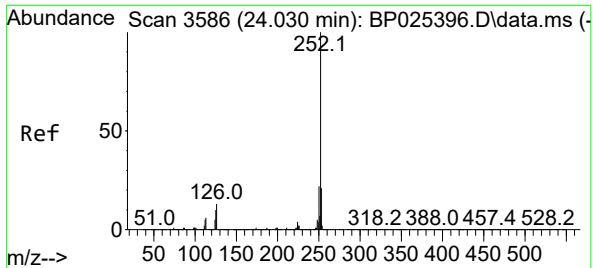


#88
Benzo(b)fluoranthene
Concen: 38.843 ng
RT: 23.942 min Scan# 3571
Delta R.T. -0.012 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36



Tgt Ion: 252 Resp: 2512340
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 9.5 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 38.446 ng

RT: 24.012 min Scan# 3586

Delta R.T. -0.018 min

Lab File: BP025422.D

Acq: 15 Aug 2025 10:36

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 248834

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

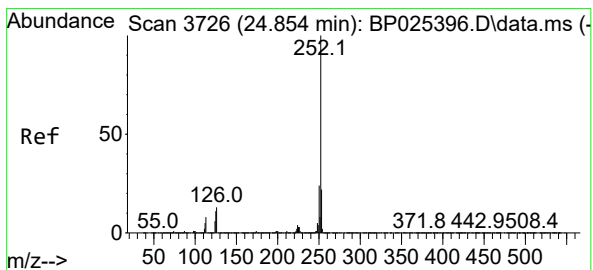
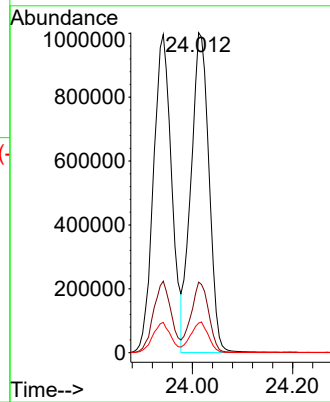
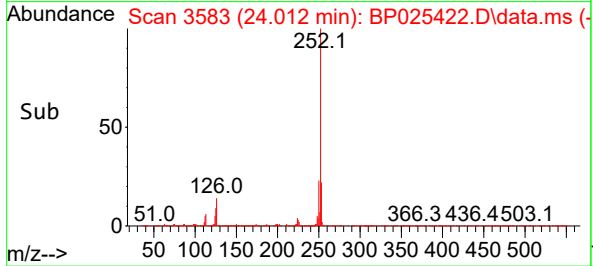
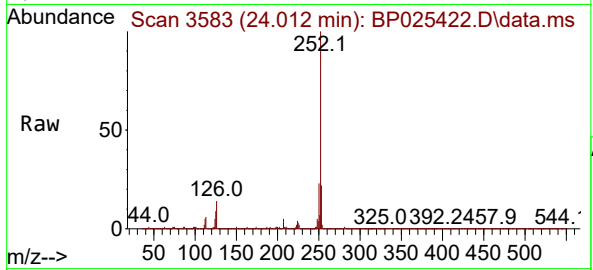
125 9.3 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#90

Benzo(a)pyrene

Concen: 38.805 ng

RT: 24.853 min Scan# 3726

Delta R.T. -0.000 min

Lab File: BP025422.D

Acq: 15 Aug 2025 10:36

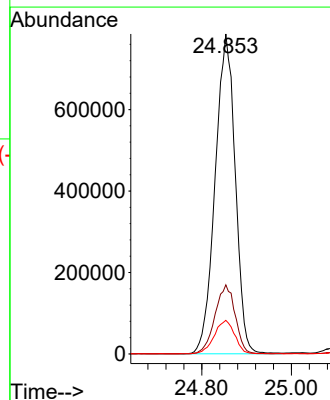
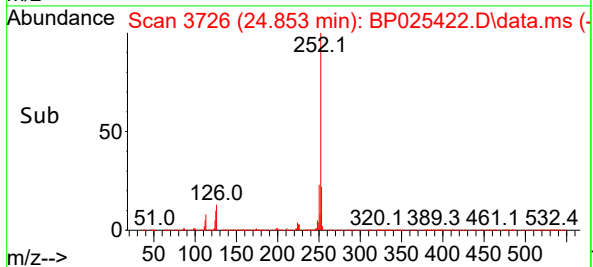
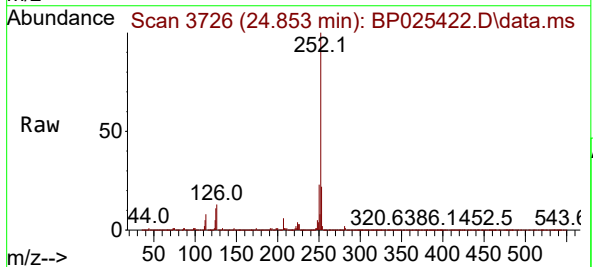
Tgt Ion:252 Resp: 2443181

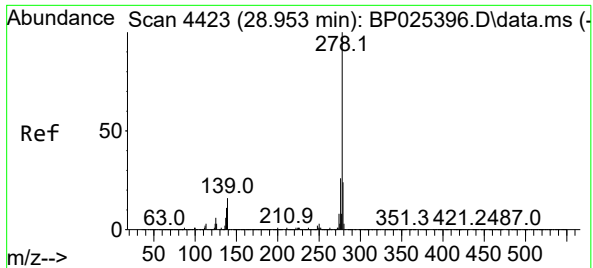
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

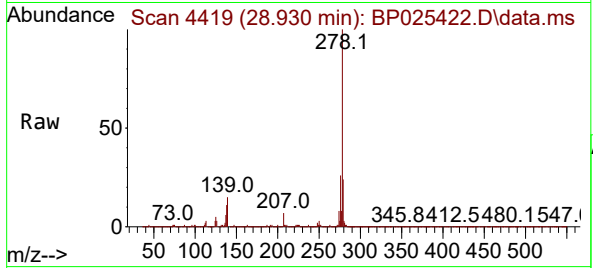
125 10.5 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 39.482 ng
RT: 28.930 min Scan# 4423
Delta R.T. -0.024 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36

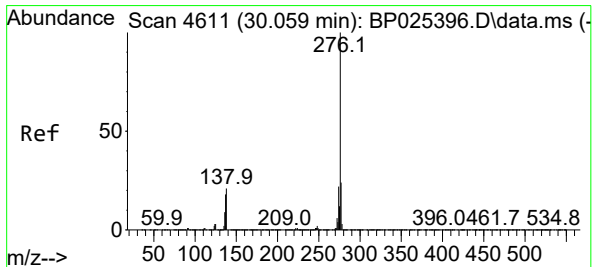
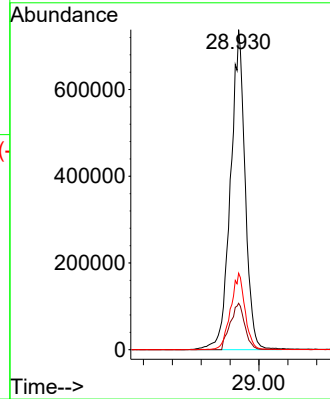
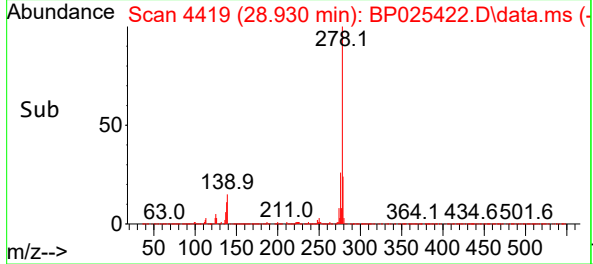
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



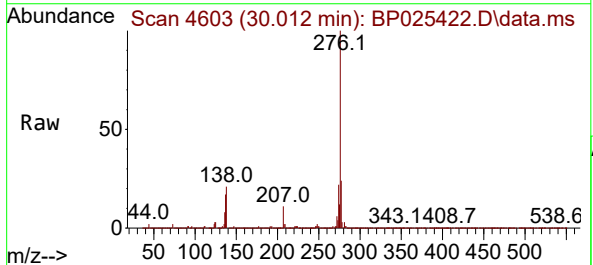
Tgt Ion: 278 Resp: 2595384
Ion Ratio Lower Upper
278 100
139 14.5 13.0 19.4
279 23.9 19.4 29.2

Manual Integrations
APPROVED

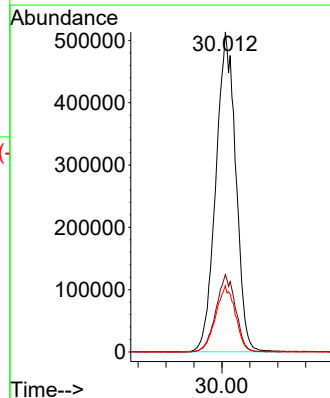
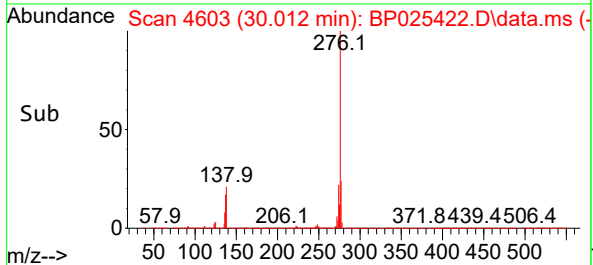
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#92
Benzo(g,h,i)perylene
Concen: 39.255 ng
RT: 30.012 min Scan# 4603
Delta R.T. -0.047 min
Lab File: BP025422.D
Acq: 15 Aug 2025 10:36



Tgt Ion: 276 Resp: 2536518
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.0
138 20.7 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025422.D
 Acq On : 15 Aug 2025 10:36
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 15 11:23:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
2	1,4-Dioxane	0.472	0.440	6.8	102	0.00
3	Pyridine	1.291	1.243	3.7	105	0.00
4	n-Nitrosodimethylamine	0.532	0.550	-3.4	111	0.00
5 S	2-Fluorophenol	1.204	1.169	2.9	104	0.00
6	Aniline	2.080	2.076	0.2	106	0.00
7 S	Phenol-d6	1.544	1.519	1.6	104	0.00
8	2-Chlorophenol	1.359	1.343	1.2	106	0.00
9	Benzaldehyde	1.082	1.423	-31.5#	108	0.00
10 C	Phenol	1.620	1.590	1.9	104	0.00
11	bis(2-Chloroethyl)ether	1.263	1.245	1.4	105	0.00
12	1,3-Dichlorobenzene	1.499	1.479	1.3	106	0.00
13 C	1,4-Dichlorobenzene	1.532	1.481	3.3	104	-0.01
14	1,2-Dichlorobenzene	1.483	1.440	2.9	104	0.00
15	Benzyl Alcohol	1.227	1.233	-0.5	107	0.00
16	2,2'-oxybis(1-Chloropropane	1.692	1.704	-0.7	109	0.00
17	2-Methylphenol	1.125	1.118	0.6	104	0.00
18	Hexachloroethane	0.563	0.557	1.1	106	0.00
19 P	n-Nitroso-di-n-propylamine	1.023	1.005	1.8	105	0.00
20	3+4-Methylphenols	1.560	1.543	1.1	105	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	105	0.00
22	Acetophenone	0.502	0.486	3.2	106	0.00
23 S	Nitrobenzene-d5	0.395	0.392	0.8	108	0.00
24	Nitrobenzene	0.353	0.352	0.3	108	0.00
25	Isophorone	0.700	0.671	4.1	105	0.00
26 C	2-Nitrophenol	0.181	0.179	1.1	104	0.00
27	2,4-Dimethylphenol	0.312	0.304	2.6	104	0.00
28	bis(2-Chloroethoxy)methane	0.423	0.405	4.3	105	-0.01
29 C	2,4-Dichlorophenol	0.310	0.300	3.2	103	0.00
30	1,2,4-Trichlorobenzene	0.340	0.322	5.3	104	0.00
31	Naphthalene	1.040	0.996	4.2	105	0.00
32	Benzoic acid	0.230	0.217	5.7	101	0.00
33	4-Chloroaniline	0.459	0.450	2.0	105	0.00
34 C	Hexachlorobutadiene	0.211	0.204	3.3	105	0.00
35	Caprolactam	0.114	0.108	5.3	104	0.00
36 C	4-Chloro-3-methylphenol	0.355	0.345	2.8	105	-0.01
37	2-Methylnaphthalene	0.676	0.646	4.4	104	0.00
38	1-Methylnaphthalene	0.719	0.673	6.4	103	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	104	0.00
40	1,2,4,5-Tetrachlorobenzene	0.578	0.559	3.3	104	0.00
41 P	Hexachlorocyclopentadiene	0.349	0.352	-0.9	105	0.00
42 S	2,4,6-Tribromophenol	0.269	0.264	1.9	104	0.00
43 C	2,4,6-Trichlorophenol	0.390	0.383	1.8	104	0.00
44	2,4,5-Trichlorophenol	0.427	0.424	0.7	104	0.00
45 S	2-Fluorobiphenyl	1.463	1.380	5.7	103	0.00
46	1,1'-Biphenyl	1.453	1.404	3.4	104	0.00
47	2-Chloronaphthalene	1.131	1.096	3.1	103	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025422.D
 Acq On : 15 Aug 2025 10:36
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 15 11:23:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.329	0.337	-2.4	106	0.00
49	Acenaphthylene	1.871	1.799	3.8	103	0.00
50	Dimethylphthalate	1.465	1.393	4.9	103	0.00
51	2,6-Dinitrotoluene	0.309	0.314	-1.6	105	0.00
52 C	Acenaphthene	1.098	1.035	5.7	103	0.00
53	3-Nitroaniline	0.347	0.348	-0.3	106	0.00
54 P	2,4-Dinitrophenol	0.165	0.164	0.6	104	0.00
55	Dibenzofuran	1.736	1.628	6.2	101	0.00
56 P	4-Nitrophenol	0.285	0.284	0.4	105	0.00
57	2,4-Dinitrotoluene	0.440	0.446	-1.4	106	0.00
58	Fluorene	1.370	1.272	7.2	101	0.00
59	2,3,4,6-Tetrachlorophenol	0.377	0.377	0.0	106	0.00
60	Diethylphthalate	1.488	1.416	4.8	103	0.00
61	4-Chlorophenyl-phenylether	0.681	0.628	7.8	100	0.00
62	4-Nitroaniline	0.356	0.351	1.4	104	0.00
63	Azobenzene	1.274	1.251	1.8	105	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	103	0.00
65	4,6-Dinitro-2-methylphenol	0.125	0.122	2.4	103	0.00
66 c	n-Nitrosodiphenylamine	0.610	0.587	3.8	103	0.00
67	4-Bromophenyl-phenylether	0.220	0.210	4.5	102	0.00
68	Hexachlorobenzene	0.255	0.242	5.1	103	0.00
69	Atrazine	0.228	0.216	5.3	102	0.00
70 C	Pentachlorophenol	0.161	0.164	-1.9	107	0.00
71	Phenanthrene	1.099	1.040	5.4	103	0.00
72	Anthracene	1.122	1.069	4.7	102	0.00
73	Carbazole	1.057	0.992	6.1	102	0.00
74	Di-n-butylphthalate	1.300	1.246	4.2	103	0.00
75 C	Fluoranthene	1.311	1.236	5.7	104	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	107	0.00
77	Benzidine	0.683	0.971	-42.2#	107	0.00
78	Pyrene	1.300	1.231	5.3	103	0.00
79 S	Terphenyl-d14	1.093	1.026	6.1	105	0.00
80	Butylbenzylphthalate	0.589	0.555	5.8	102	0.00
81	Benzo(a)anthracene	1.319	1.247	5.5	105	0.00
82	3,3'-Dichlorobenzidine	0.497	0.473	4.8	103	0.00
83	Chrysene	1.235	1.170	5.3	105	0.00
84	Bis(2-ethylhexyl)phthalate	0.867	0.803	7.4	103	-0.01
85 c	Di-n-octyl phthalate	1.492	1.381	7.4	102	-0.01
86 I	Perylene-d12	1.000	1.000	0.0	107	-0.02
87	Indeno(1,2,3-cd)pyrene	1.467	1.433	2.3	109	0.00
88	Benzo(b)fluoranthene	1.179	1.145	2.9	108	-0.01
89	Benzo(k)fluoranthene	1.180	1.134	3.9	108	-0.02
90 C	Benzo(a)pyrene	1.148	1.114	3.0	108	0.00
91	Dibenzo(a,h)anthracene	1.199	1.183	1.3	110	-0.02
92	Benzo(g,h,i)perylene	1.178	1.156	1.9	109	-0.05

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025422.D
Acq On : 15 Aug 2025 10:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 15 11:23:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025422.D
 Acq On : 15 Aug 2025 10:36
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
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Quant Time: Aug 15 11:23:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	103	0.00
2	1,4-Dioxane	40.000	37.293	6.8	102	0.00
3	Pyridine	40.000	38.504	3.7	105	0.00
4	n-Nitrosodimethylamine	40.000	41.341	-3.4	111	0.00
5 S	2-Fluorophenol	80.000	77.682	2.9	104	0.00
6	Aniline	40.000	39.917	0.2	106	0.00
7 S	Phenol-d6	80.000	78.694	1.6	104	0.00
8	2-Chlorophenol	40.000	39.543	1.1	106	0.00
9	Benzaldehyde	40.000	52.616	-31.5#	108	0.00
10 C	Phenol	40.000	39.253	1.9	104	0.00
11	bis(2-Chloroethyl)ether	40.000	39.423	1.4	105	0.00
12	1,3-Dichlorobenzene	40.000	39.468	1.3	106	0.00
13 C	1,4-Dichlorobenzene	40.000	38.666	3.3	104	-0.01
14	1,2-Dichlorobenzene	40.000	38.837	2.9	104	0.00
15	Benzyl Alcohol	40.000	40.199	-0.5	107	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	40.282	-0.7	109	0.00
17	2-Methylphenol	40.000	39.752	0.6	104	0.00
18	Hexachloroethane	40.000	39.542	1.1	106	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	39.304	1.7	105	0.00
20	3+4-Methylphenols	40.000	39.561	1.1	105	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	105	0.00
22	Acetophenone	40.000	38.792	3.0	106	0.00
23 S	Nitrobenzene-d5	80.000	79.367	0.8	108	0.00
24	Nitrobenzene	40.000	39.805	0.5	108	0.00
25	Isophorone	40.000	38.387	4.0	105	0.00
26 C	2-Nitrophenol	40.000	39.458	1.4	104	0.00
27	2,4-Dimethylphenol	40.000	39.018	2.5	104	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.258	4.4	105	-0.01
29 C	2,4-Dichlorophenol	40.000	38.724	3.2	103	0.00
30	1,2,4-Trichlorobenzene	40.000	37.921	5.2	104	0.00
31	Naphthalene	40.000	38.324	4.2	105	0.00
32	Benzoic acid	40.000	37.734	5.7	101	0.00
33	4-Chloroaniline	40.000	39.164	2.1	105	0.00
34 C	Hexachlorobutadiene	40.000	38.652	3.4	105	0.00
35	Caprolactam	40.000	37.951	5.1	104	0.00
36 C	4-Chloro-3-methylphenol	40.000	38.840	2.9	105	-0.01
37	2-Methylnaphthalene	40.000	38.190	4.5	104	0.00
38	1-Methylnaphthalene	40.000	37.439	6.4	103	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	104	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.717	3.2	104	0.00
41 P	Hexachlorocyclopentadiene	40.000	40.319	-0.8	105	0.00
42 S	2,4,6-Tribromophenol	80.000	78.381	2.0	104	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.291	1.8	104	0.00
44	2,4,5-Trichlorophenol	40.000	39.656	0.9	104	0.00
45 S	2-Fluorobiphenyl	80.000	75.449	5.7	103	0.00
46	1,1'-Biphenyl	40.000	38.672	3.3	104	0.00
47	2-Chloronaphthalene	40.000	38.780	3.0	103	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025422.D
 Acq On : 15 Aug 2025 10:36
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 15 11:23:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	40.910	-2.3	106	0.00
49	Acenaphthylene	40.000	38.457	3.9	103	0.00
50	Dimethylphthalate	40.000	38.040	4.9	103	0.00
51	2,6-Dinitrotoluene	40.000	40.628	-1.6	105	0.00
52 C	Acenaphthene	40.000	37.707	5.7	103	0.00
53	3-Nitroaniline	40.000	40.043	-0.1	106	0.00
54 P	2,4-Dinitrophenol	40.000	39.794	0.5	104	0.00
55	Dibenzofuran	40.000	37.495	6.3	101	0.00
56 P	4-Nitrophenol	40.000	39.771	0.6	105	0.00
57	2,4-Dinitrotoluene	40.000	40.518	-1.3	106	0.00
58	Fluorene	40.000	37.121	7.2	101	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.927	0.2	106	0.00
60	Diethylphthalate	40.000	38.058	4.9	103	0.00
61	4-Chlorophenyl-phenylether	40.000	36.845	7.9	100	0.00
62	4-Nitroaniline	40.000	39.397	1.5	104	0.00
63	Azobenzene	40.000	39.282	1.8	105	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	103	0.00
65	4,6-Dinitro-2-methylphenol	40.000	39.253	1.9	103	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.519	3.7	103	0.00
67	4-Bromophenyl-phenylether	40.000	38.195	4.5	102	0.00
68	Hexachlorobenzene	40.000	37.966	5.1	103	0.00
69	Atrazine	40.000	37.872	5.3	102	0.00
70 C	Pentachlorophenol	40.000	40.681	-1.7	107	0.00
71	Phenanthrene	40.000	37.862	5.3	103	0.00
72	Anthracene	40.000	38.117	4.7	102	0.00
73	Carbazole	40.000	37.549	6.1	102	0.00
74	Di-n-butylphthalate	40.000	38.345	4.1	103	0.00
75 C	Fluoranthene	40.000	37.721	5.7	104	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	107	0.00
77	Benzydine	40.000	56.911	-42.3#	107	0.00
78	Pyrene	40.000	37.884	5.3	103	0.00
79 S	Terphenyl-d14	80.000	75.070	6.2	105	0.00
80	Butylbenzylphthalate	40.000	37.699	5.8	102	0.00
81	Benzo(a)anthracene	40.000	37.816	5.5	105	0.00
82	3,3'-Dichlorobenzidine	40.000	38.057	4.9	103	0.00
83	Chrysene	40.000	37.876	5.3	105	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	37.052	7.4	103	-0.01
85 c	Di-n-octyl phthalate	40.000	37.018	7.5	102	-0.01
86 I	Perylene-d12	20.000	20.000	0.0	107	-0.02
87	Indeno(1,2,3-cd)pyrene	40.000	39.082	2.3	109	0.00
88	Benzo(b)fluoranthene	40.000	38.843	2.9	108	-0.01
89	Benzo(k)fluoranthene	40.000	38.446	3.9	108	-0.02
90 C	Benzo(a)pyrene	40.000	38.805	3.0	108	0.00
91	Dibenzo(a,h)anthracene	40.000	39.482	1.3	110	-0.02
92	Benzo(g,h,i)perylene	40.000	39.255	1.9	109	-0.05

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025422.D
Acq On : 15 Aug 2025 10:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 15 11:23:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0



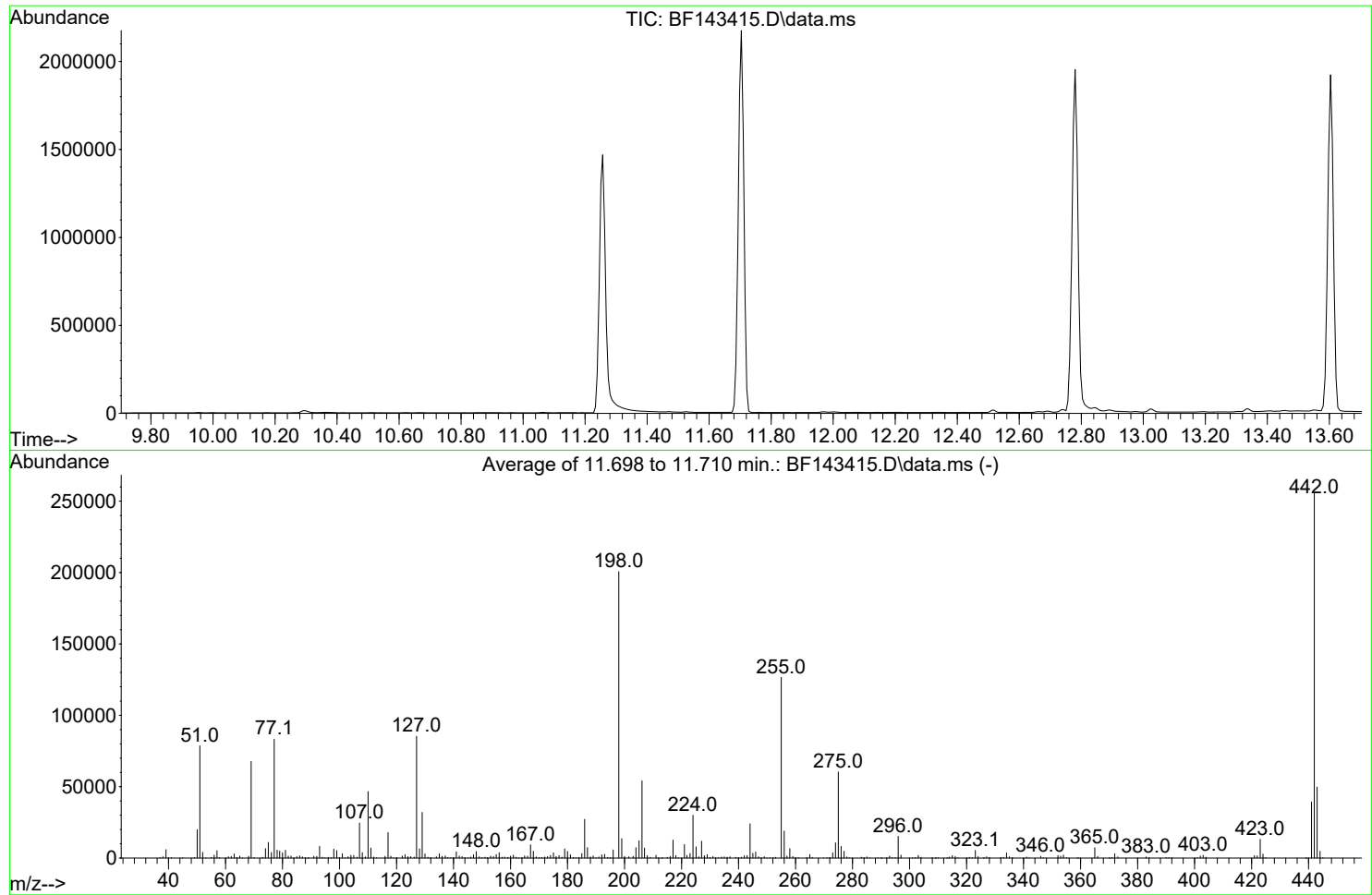
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143415.D
Acq On : 15 Aug 2025 13:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Aug 18 04:40:19 2025



AutoFind: Scans 1616, 1617, 1618; Background Corrected with Scan 1609

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.9	1264	PASS
69	69	100	100	100.0	67720	PASS
70	69	0.00	2	0.6	406	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	200640	PASS
199	198	5	9	6.8	13673	PASS
365	198	1	100	3.6	7304	PASS
441	443	0.01	150	79.0	39347	PASS
442	442	100	100	100.0	255488	PASS
443	442	15	24	19.5	49795	PASS

DDT Breakdown

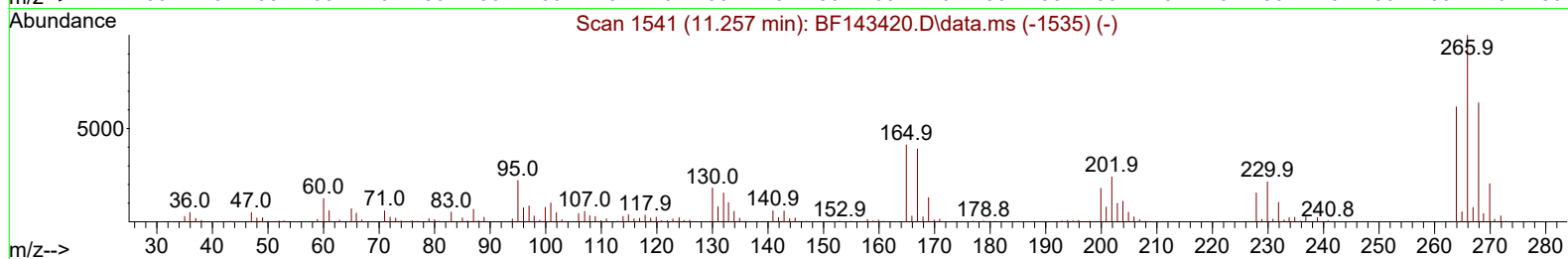
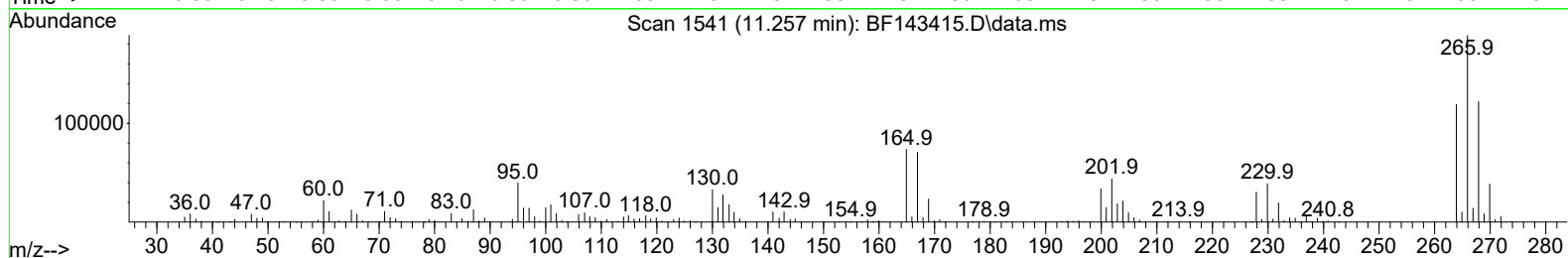
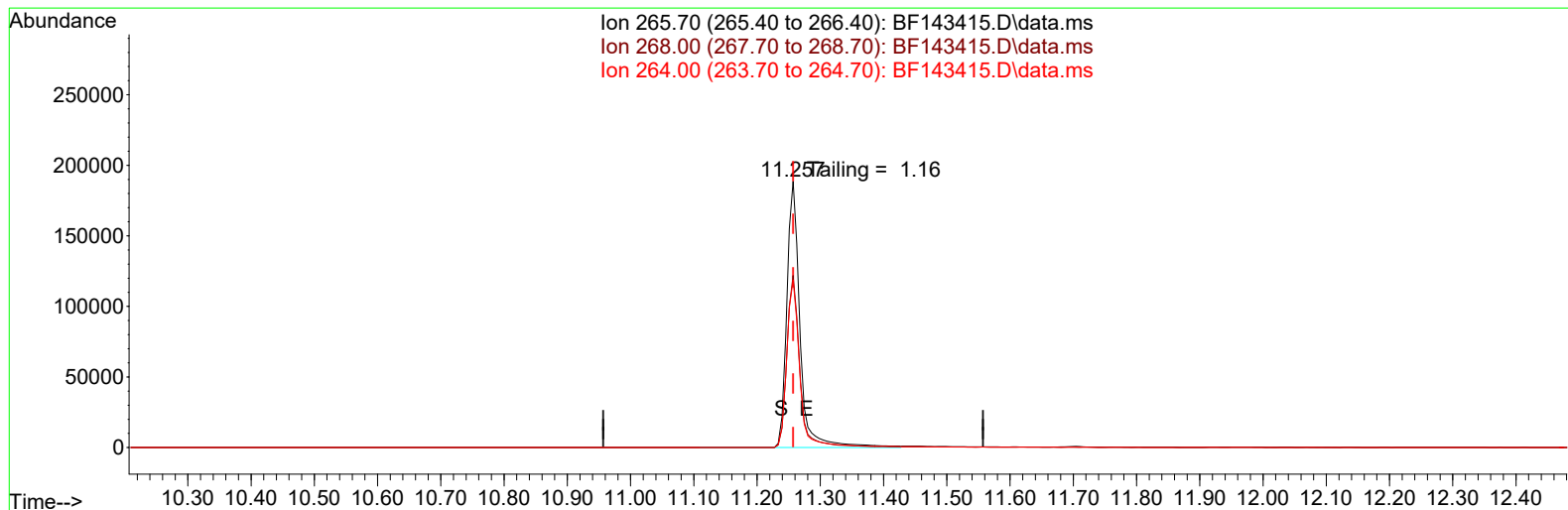
Date	Instrument Name	DFTPP Data File
8/15/2025	BNA_F	<u>BF143413.D</u>
Compound Name	Response	Retention Time
DDT	478181	13.604
DDD	9101	13.339
DDE		13.01
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
9101	487282	1.87

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143415.D
Acq On : 15 Aug 2025 13:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 15 19:00:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:57:34 2025
Response via : Initial Calibration



TIC: BF143415.D\data.ms

(70) Pentachlorophenol (C)

11.257min (-0.000) 361177.43 ng

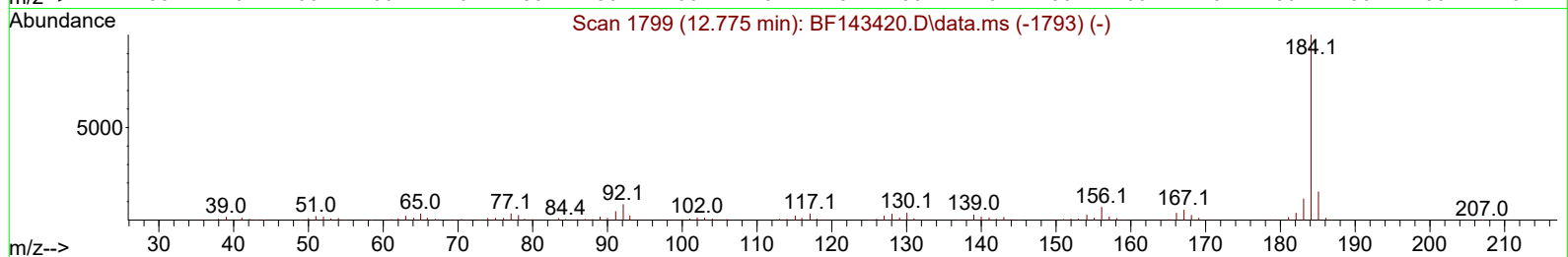
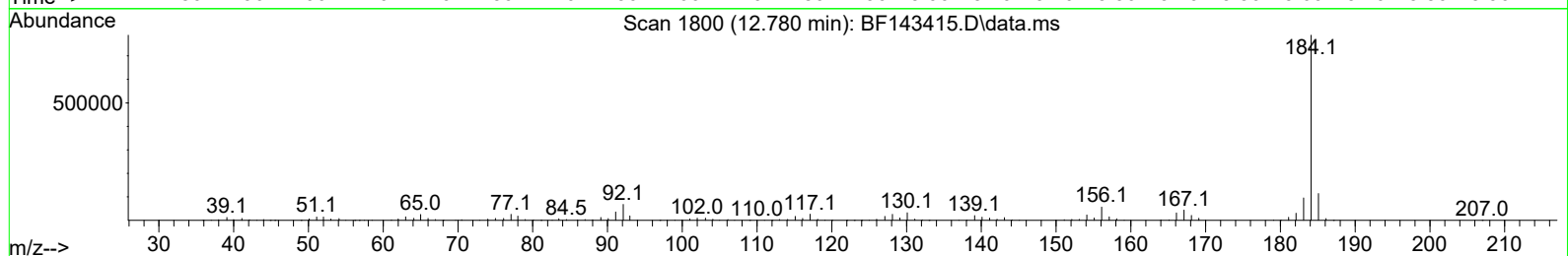
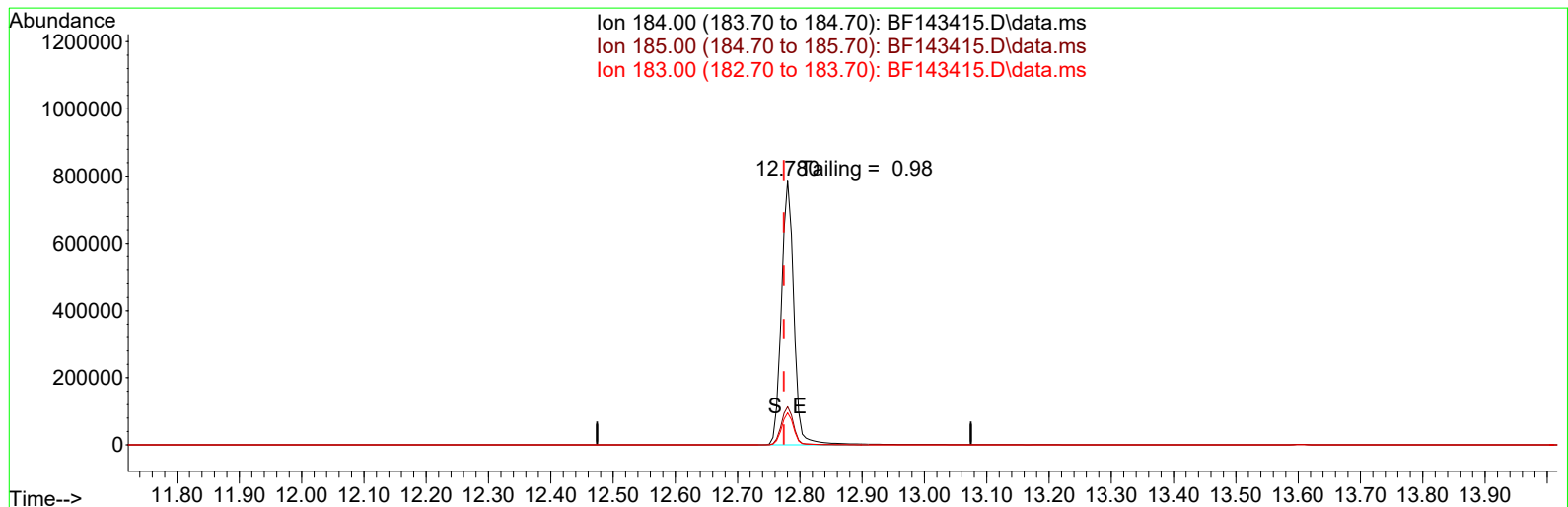
response 277163

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	64.59
264.00	61.60	62.99
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143415.D
Acq On : 15 Aug 2025 13:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 15 19:00:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:57:34 2025
Response via : Initial Calibration



TIC: BF143415.D\data.ms

(77) Benzidine

12.780min (+ 0.006) 168452.64 ng

response 1096798

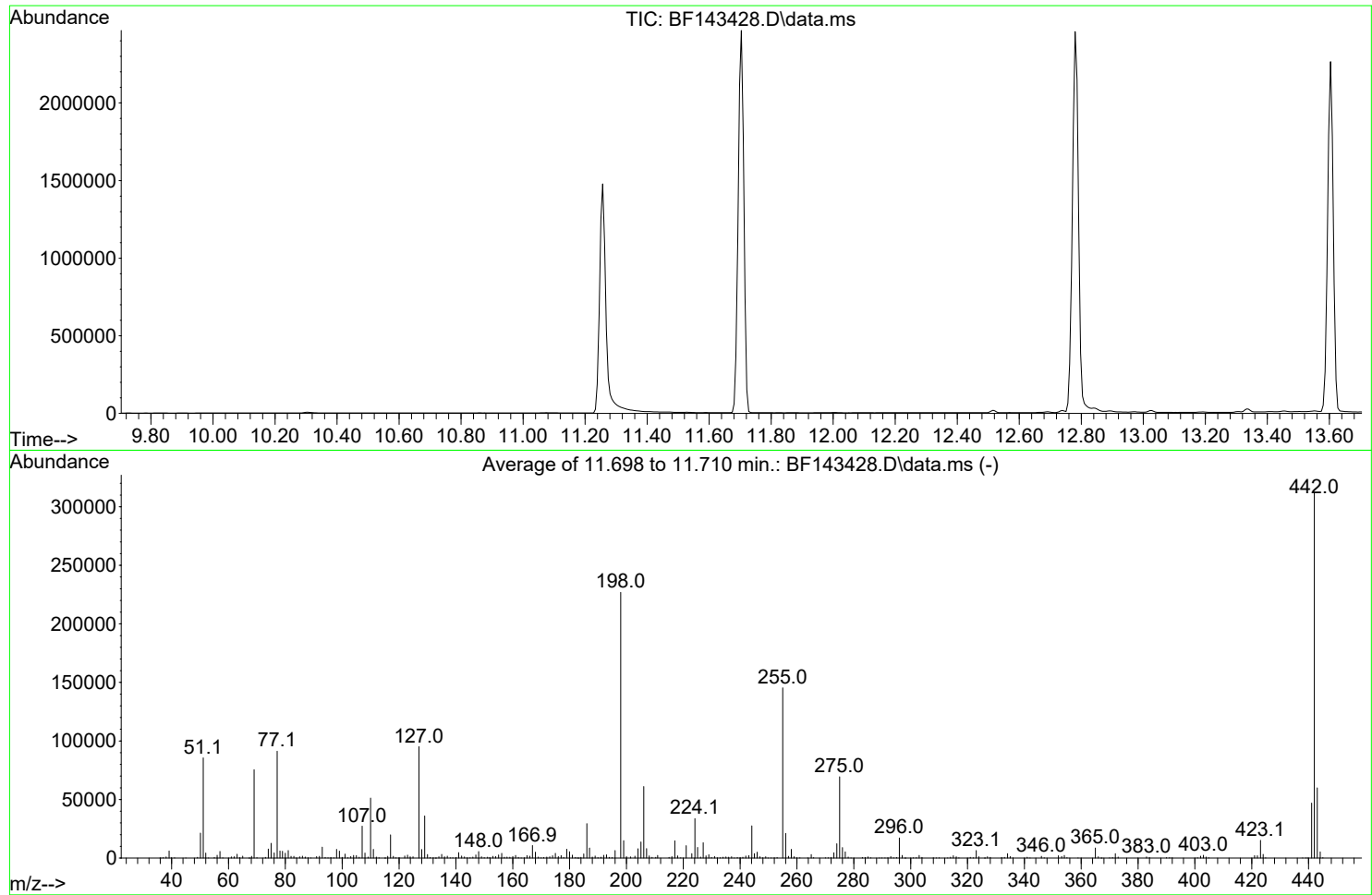
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.20	14.46
183.00	11.50	12.10
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143428.D
Acq On : 18 Aug 2025 08:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Aug 18 04:40:19 2025



AutoFind: Scans 1616, 1617, 1618; Background Corrected with Scan 1609

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	2.0	1498	PASS
69	69	100	100	100.0	75440	PASS
70	69	0.00	2	0.5	389	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	226987	PASS
199	198	5	9	6.6	14870	PASS
365	198	1	100	3.8	8602	PASS
441	443	0.01	150	78.5	46984	PASS
442	442	100	100	100.0	311424	PASS
443	442	15	24	19.2	59888	PASS

DDT Breakdown

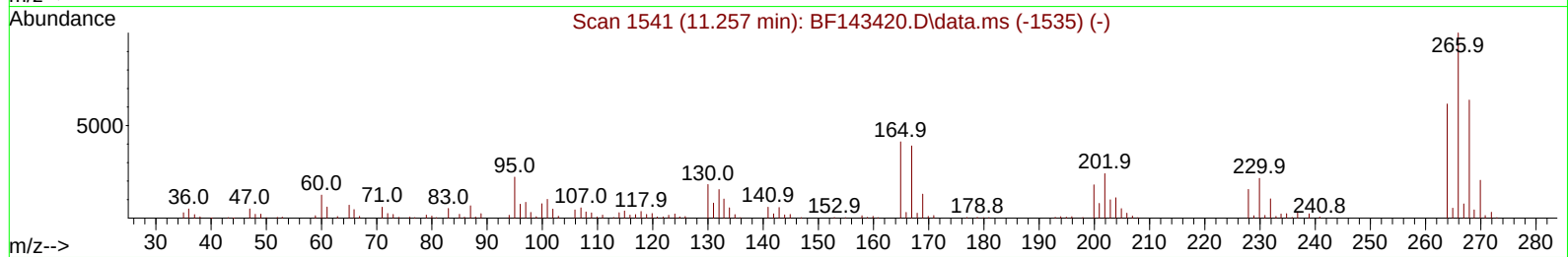
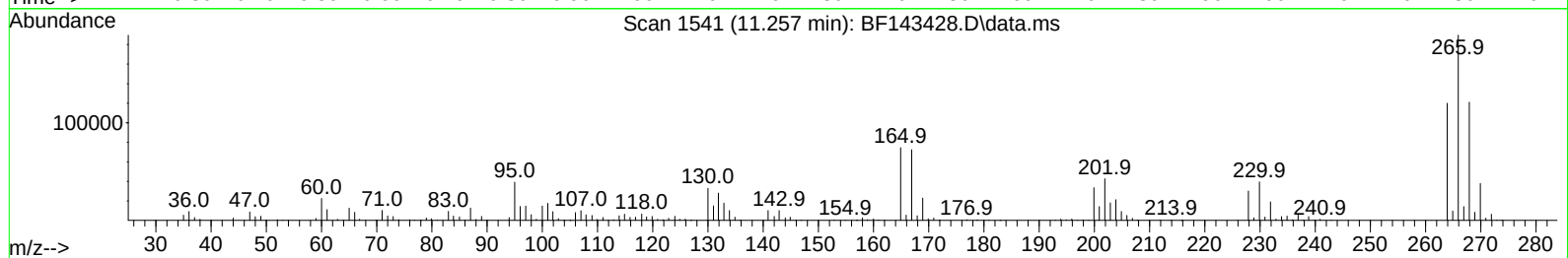
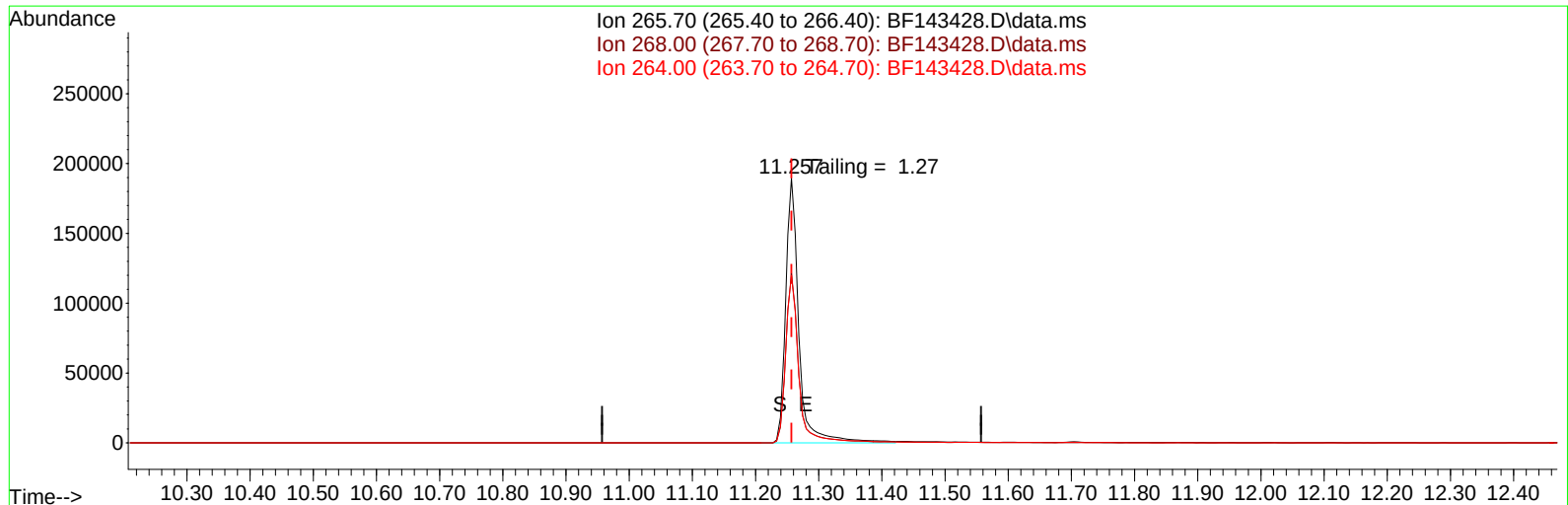
Date	Instrument Name	DFTPP Data File
8/18/2025	BNA_F	<u>BF143428.D</u>
Compound Name	Response	Retention Time
DDT	555192	13.604
DDD	7876	13.333
DDE	2112	12.969
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
9988	565180	1.77

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143428.D
Acq On : 18 Aug 2025 08:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 18 12:01:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration



TIC: BF143428.D\data.ms

(70) Pentachlorophenol (C)

11.257min (-0.000) 817352.89 ng

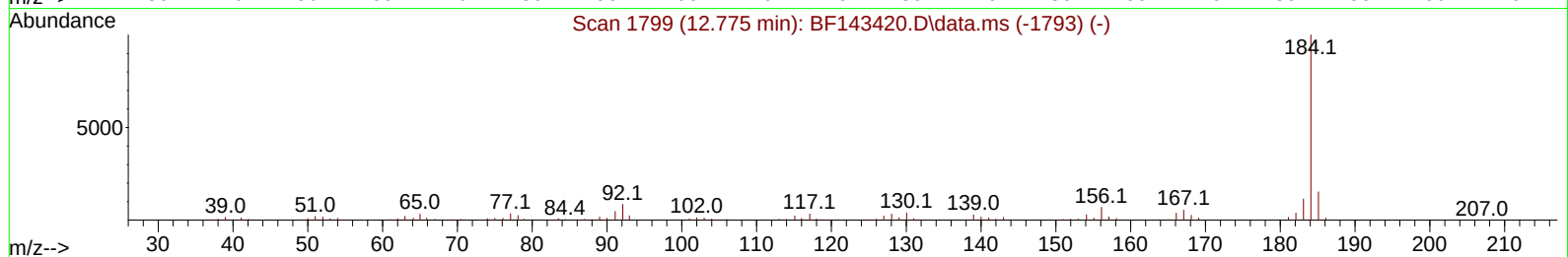
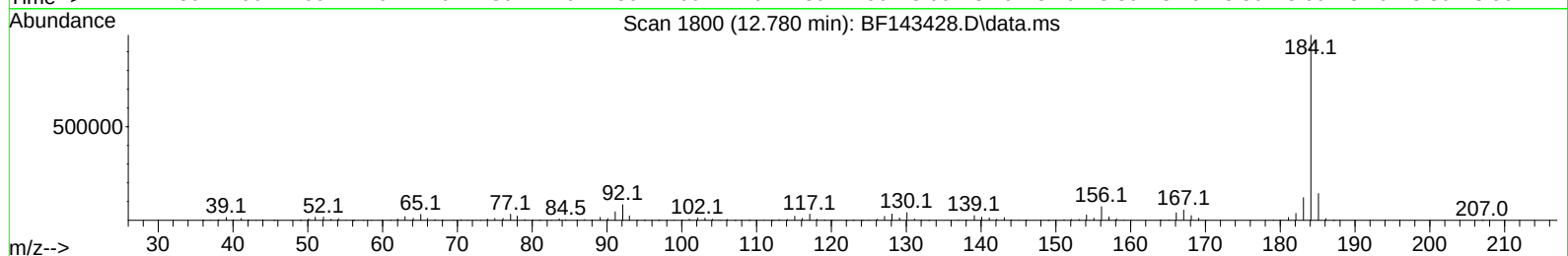
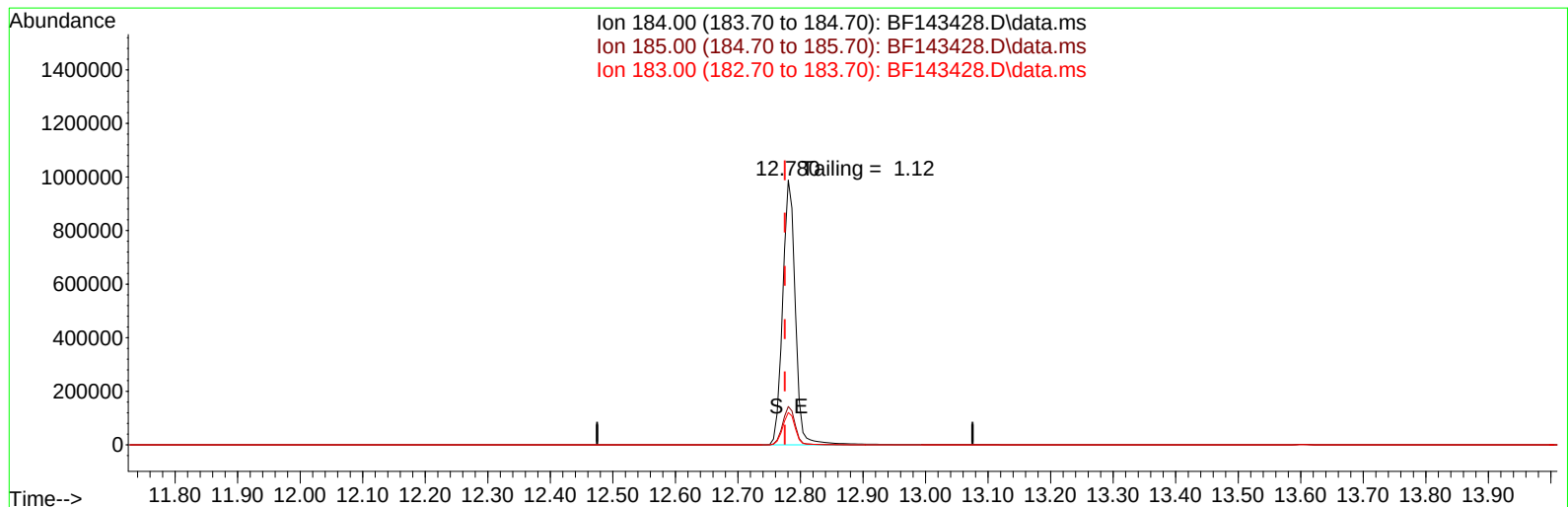
response 279770

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	63.84
264.00	61.60	63.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143428.D
Acq On : 18 Aug 2025 08:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 18 12:01:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration



TIC: BF143428.D\data.ms

(77) Benzidine

12.780min (+ 0.005) 0.00 ng

response 1404146

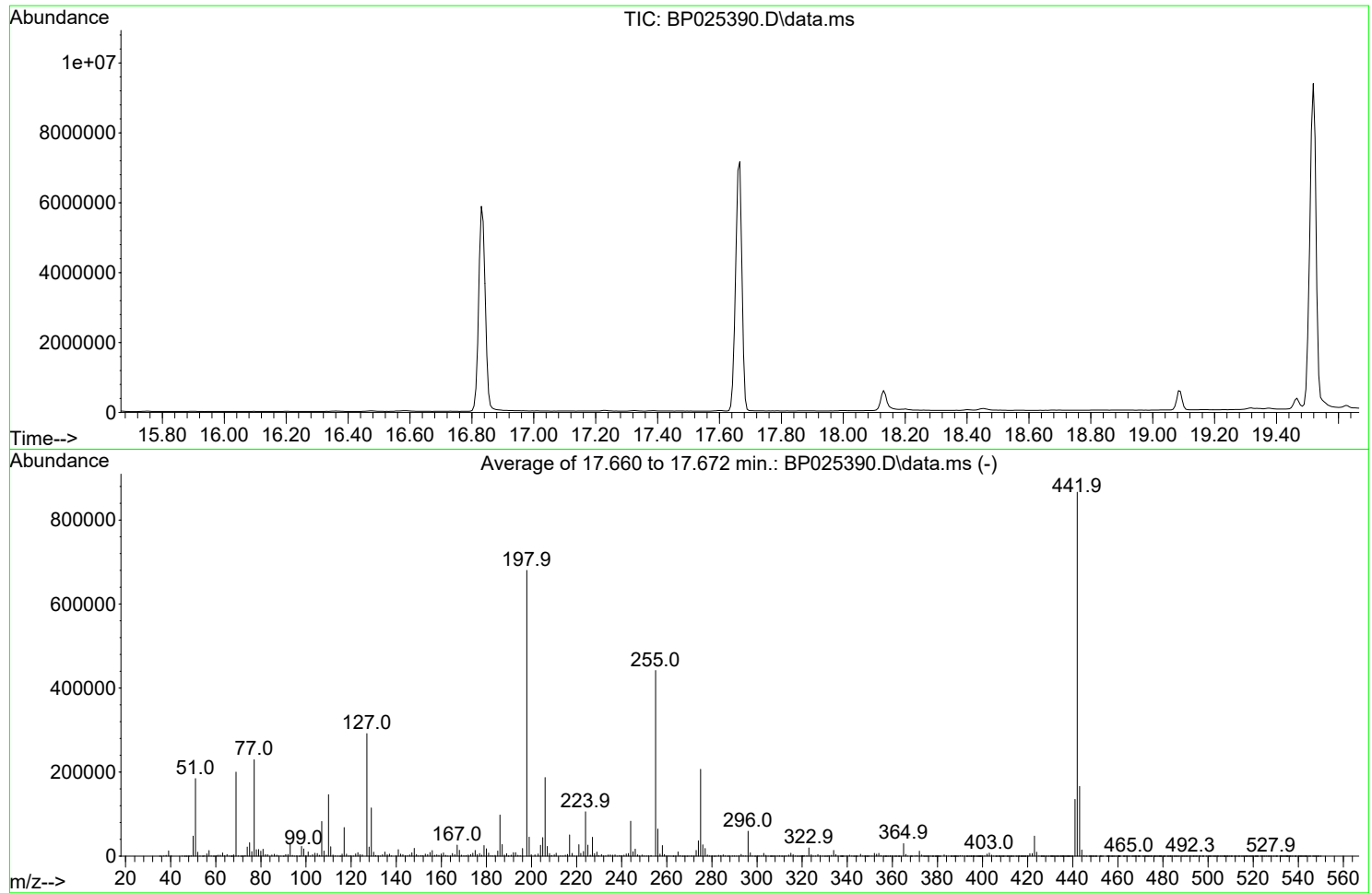
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.20	14.49
183.00	11.50	12.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025



AutoFind: Scans 2503, 2504, 2505; Background Corrected with Scan 2494

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.6	3290	PASS
69	69	100	100	100.0	199967	PASS
70	69	0.00	2	0.4	716	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	680138	PASS
199	198	5	9	6.7	45247	PASS
365	198	1	100	4.4	29981	PASS
441	443	0.01	150	81.3	135091	PASS
442	442	100	100	100.0	866023	PASS
443	442	15	24	19.2	166133	PASS

DDT Breakdown

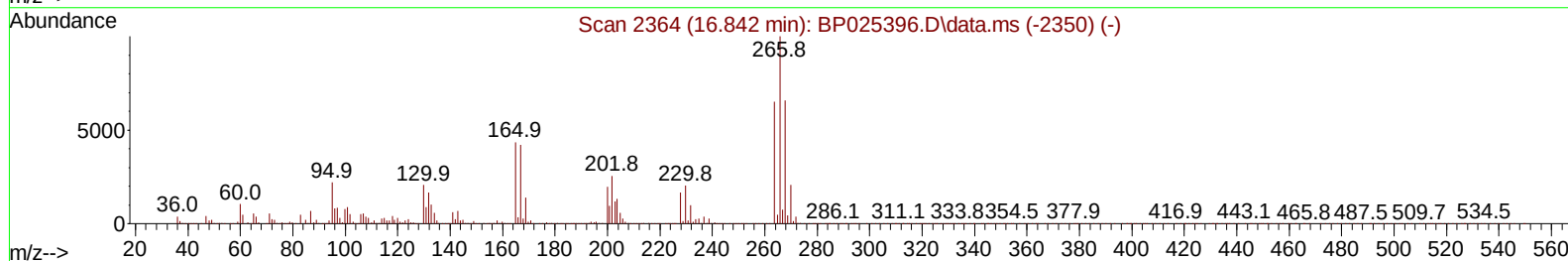
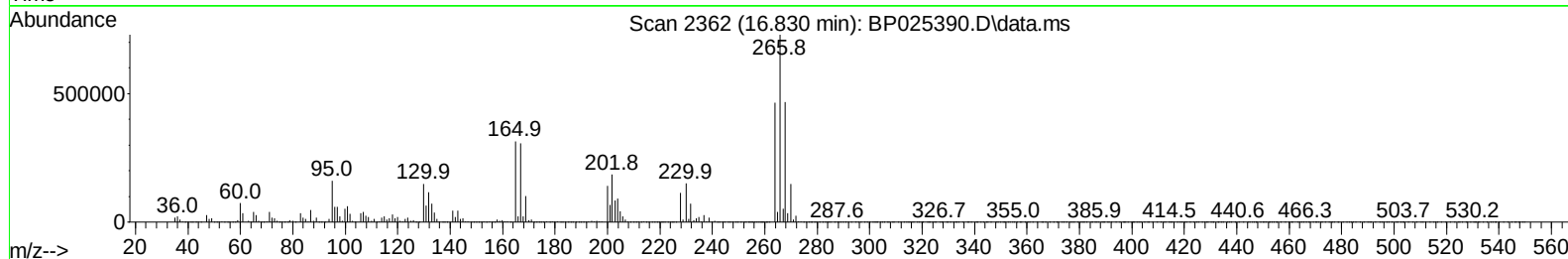
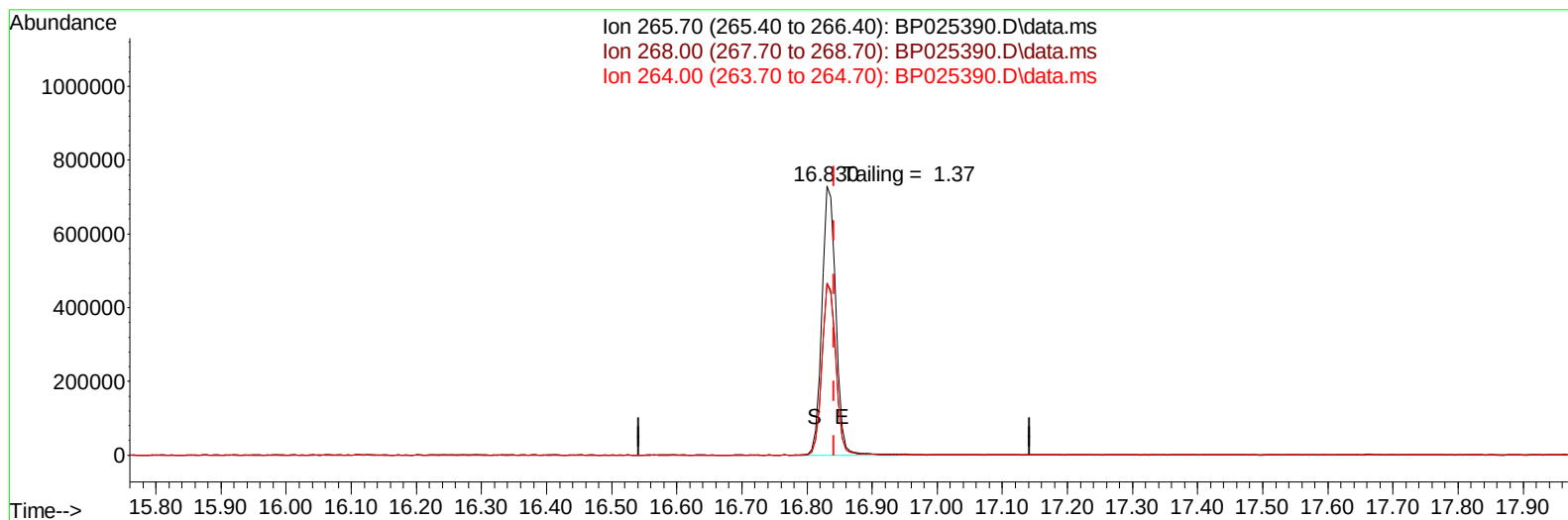
Date	Instrument Name	DFTPP Data File
8/14/2025	BNA_P	<u>BP025390.D</u>
Compound Name	Response	Retention Time
DDT	2976098	20.818
DDD	52170	20.407
DDE	9165	19.824
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
61335	3037433	2.02

Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 14 18:17:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



TIC: BP025390.D\data.ms

(70) Pentachlorophenol (C)

16.830min (-0.012) 61985.64 ng

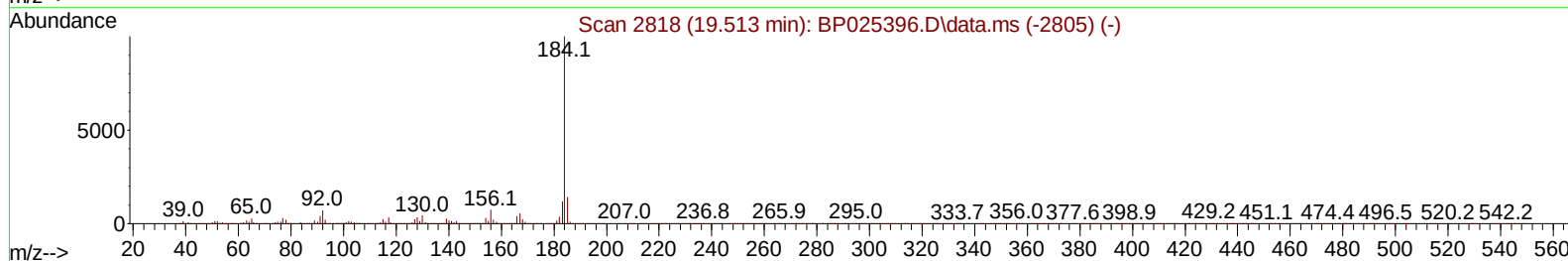
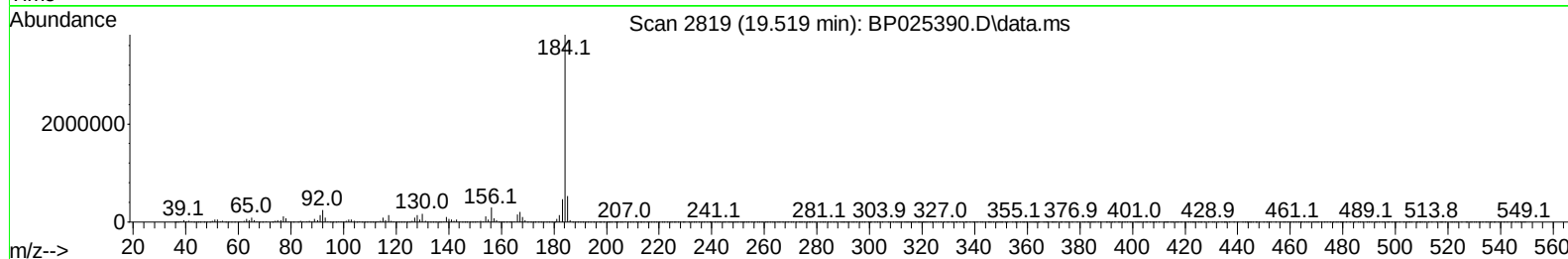
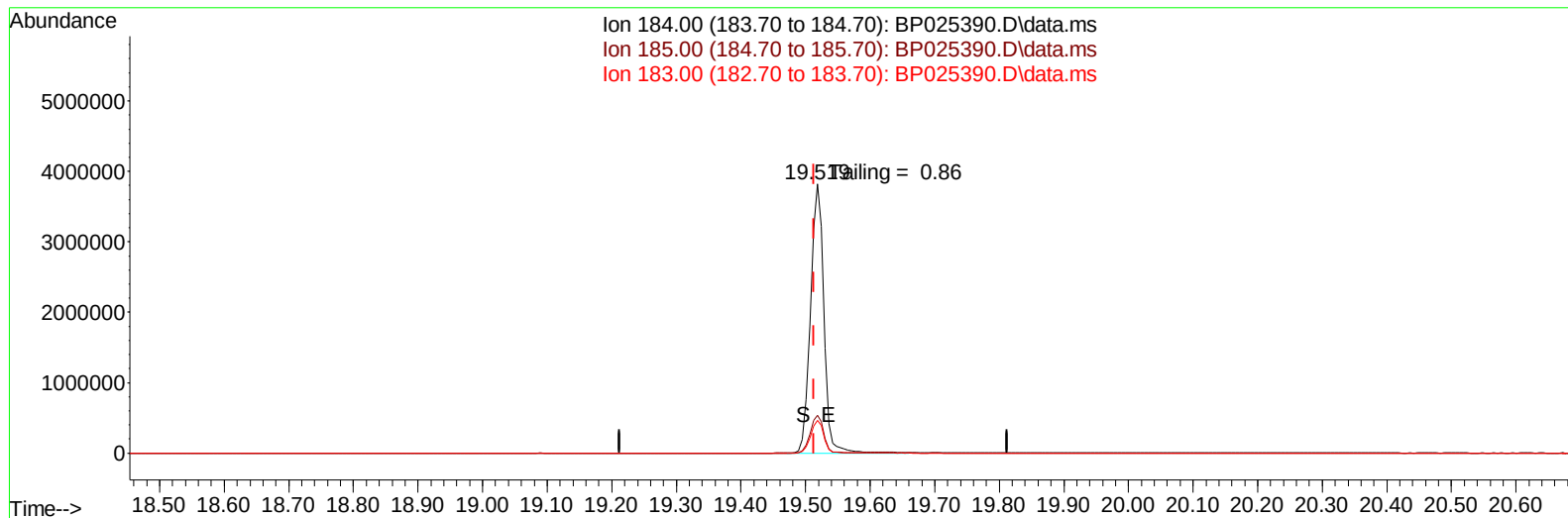
response 1096483

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	64.04
264.00	65.00	63.79
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 14 18:17:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



TIC: BP025390.D\data.ms

(77) Benzidine

19.519min (+ 0.006) 64482.34 ng

response 5499416

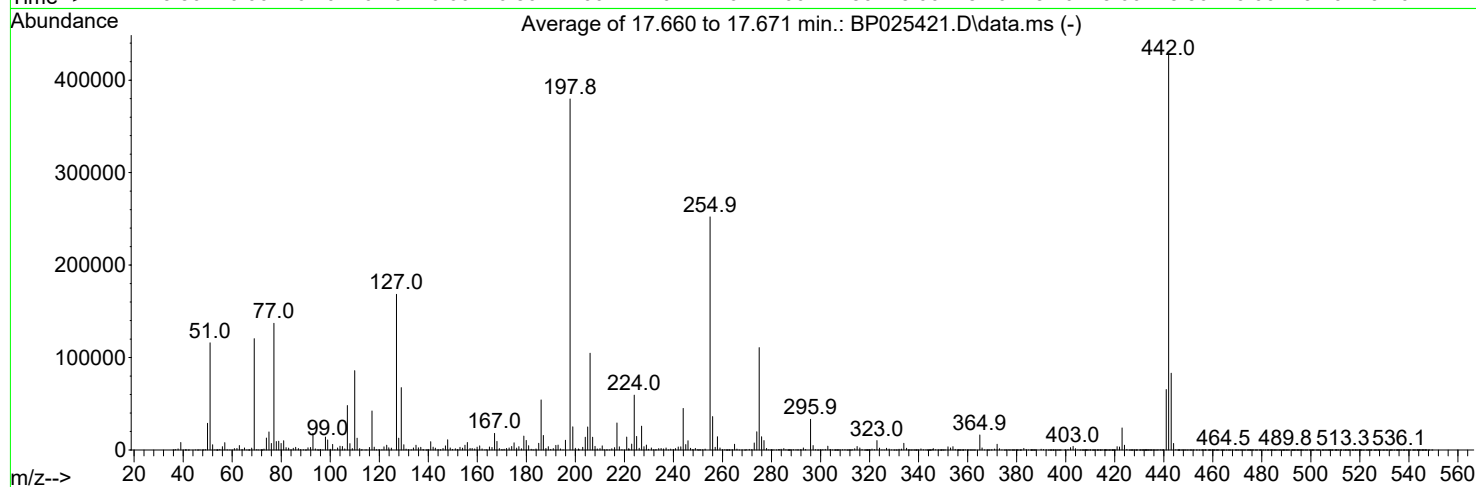
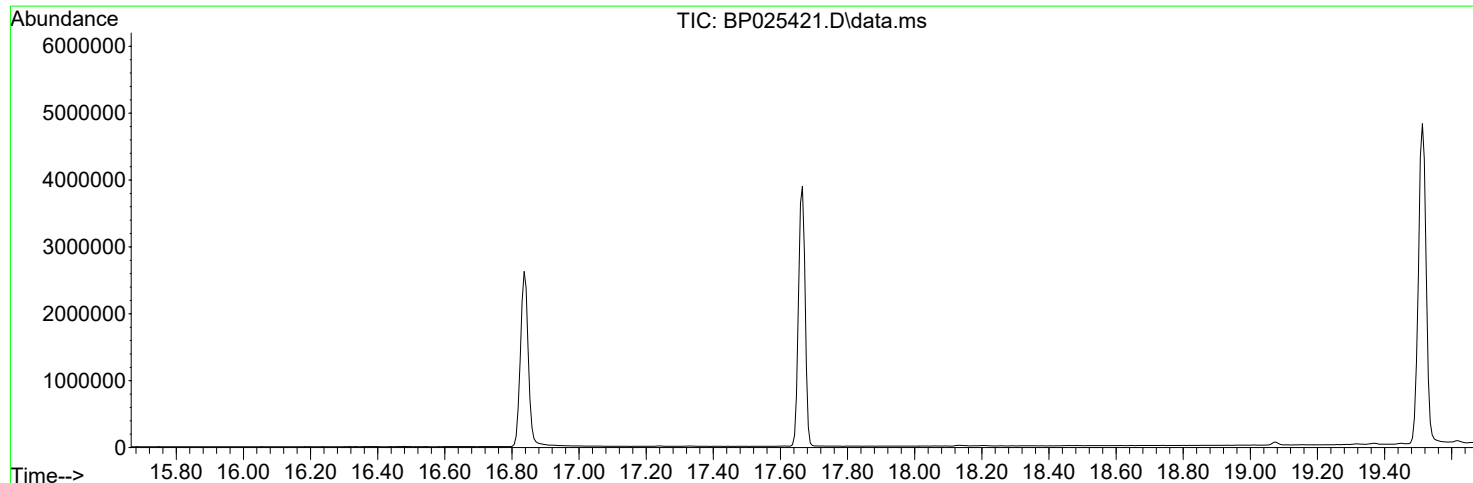
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.03
183.00	11.80	12.10
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025421.D
Acq On : 15 Aug 2025 09:55
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025



AutoFind: Scans 2503, 2504, 2505; Background Corrected with Scan 2494

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.8	2159	PASS
69	69	100	100	100.0	120418	PASS
70	69	0.00	2	0.5	621	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	379747	PASS
199	198	5	9	6.6	25040	PASS
365	198	1	100	4.3	16274	PASS
441	443	0.01	150	78.6	65352	PASS
442	442	100	100	100.0	427047	PASS
443	442	15	24	19.5	83115	PASS

DDT Breakdown

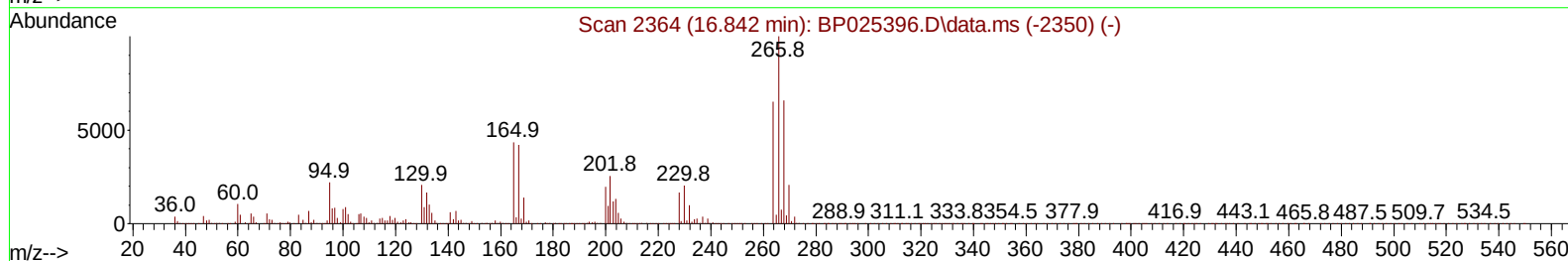
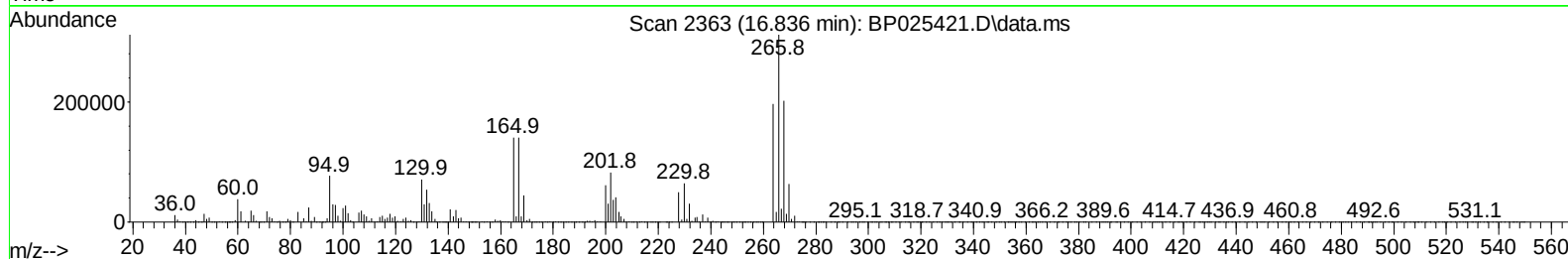
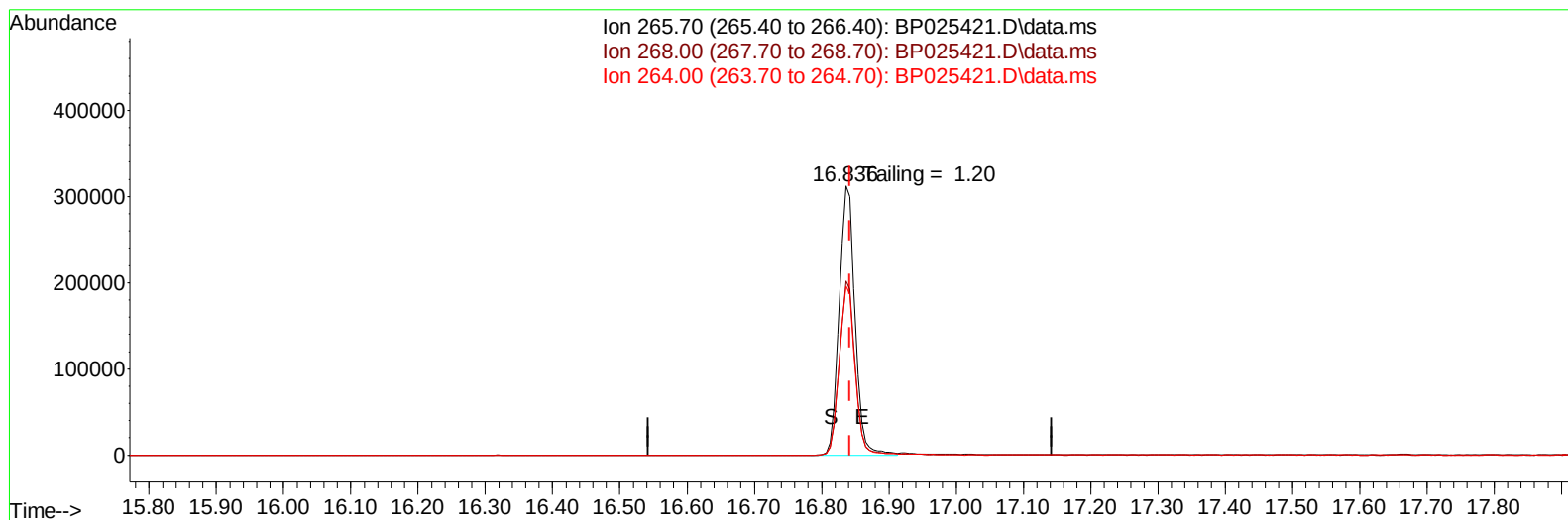
Date	Instrument Name	DFTPP Data File
8/15/2025	BNA_P	<u>BP025421.D</u>
Compound Name	Response	Retention Time
DDT	1519310	20.812
DDD	29585	20.348
DDE	4915	19.818
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
34500	1553810	2.22

Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025421.D
Acq On : 15 Aug 2025 09:55
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 15 11:28:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



TIC: BP025421.D\data.ms

(70) Pentachlorophenol (C)

16.836min (-0.006) 99008.85 ng

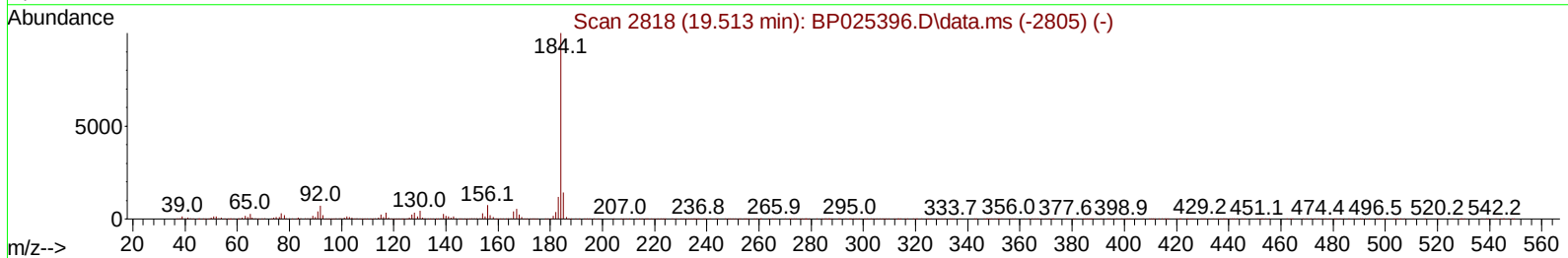
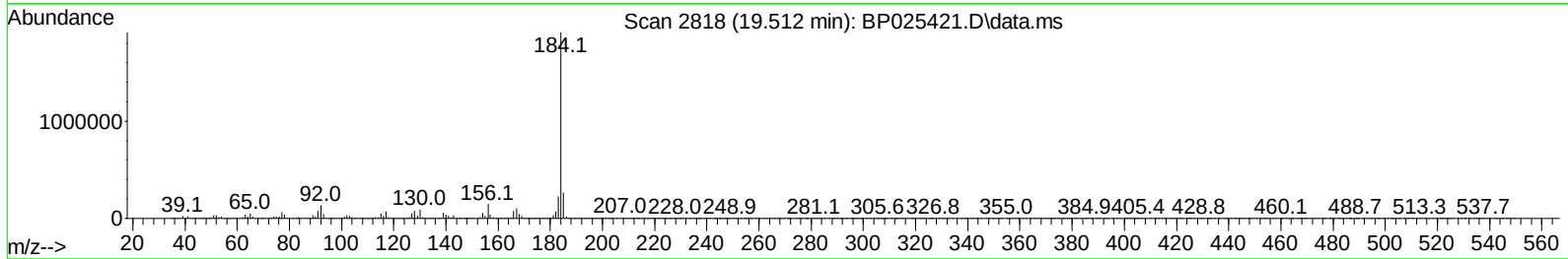
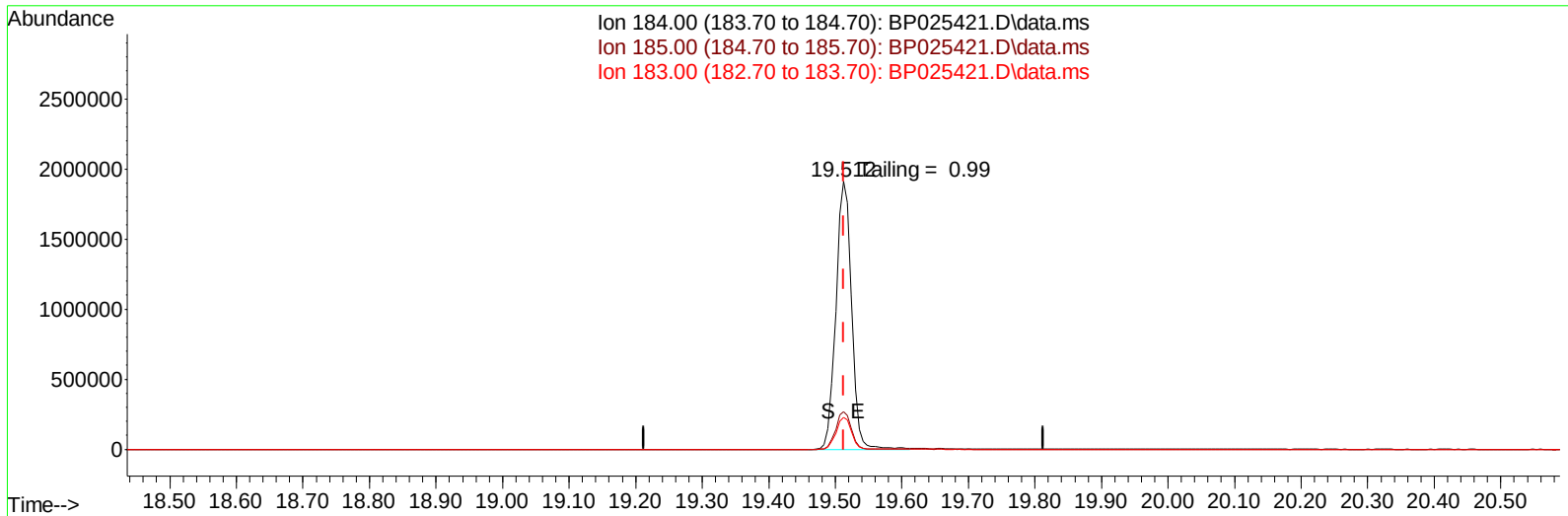
response 510758

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	64.63
264.00	65.00	62.91
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025421.D
Acq On : 15 Aug 2025 09:55
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 15 11:28:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



TIC: BP025421.D\data.ms

(77) Benzidine

19.512min (-0.000) 55650.72 ng

response 3124253

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.04
183.00	11.80	11.97
0.00	0.00	0.00

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB169230BL	SDG No.:	Q2837
Lab Sample ID:	PB169230BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group4
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025423.D	1	08/12/25 11:39	08/15/25 11:17	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	0.91	U	0.91	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.53	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.54	U	0.54	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	124		15 (23) - 110 (138)	83%	SPK: 150
13127-88-3	Phenol-d6	118		15 (10) - 110 (134)	79%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.2		30 (67) - 130 (132)	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.3		30 (52) - 130 (132)	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	128		15 (44) - 110 (137)	85%	SPK: 150
1718-51-0	Terphenyl-d14	74.2		30 (42) - 130 (152)	74%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	154000	7.79			
1146-65-2	Naphthalene-d8	595000	10.56			
15067-26-2	Acenaphthene-d10	376000	14.401			
1517-22-2	Phenanthrene-d10	774000	17.201			
1719-03-5	Chrysene-d12	885000	21.648			
1520-96-3	Perylene-d12	1010000	25.018			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025423.D
Acq On : 15 Aug 2025 11:17
Operator : CG/JU
Sample : PB169230BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169230BL

Quant Time: Aug 15 12:23:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	154254	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	595195	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	376083	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	774408	20.000	ng	0.00
76) Chrysene-d12	21.648	240	884552	20.000	ng	0.00
86) Perylene-d12	25.018	264	1011782	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1149849	123.793	ng	0.00
7) Phenol-d6	6.966	99	1408266	118.256	ng	0.00
23) Nitrobenzene-d5	8.931	82	907799	77.154	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	647097	127.831	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2127638	77.318	ng	0.00
79) Terphenyl-d14	19.919	244	3588103	74.215	ng	0.00

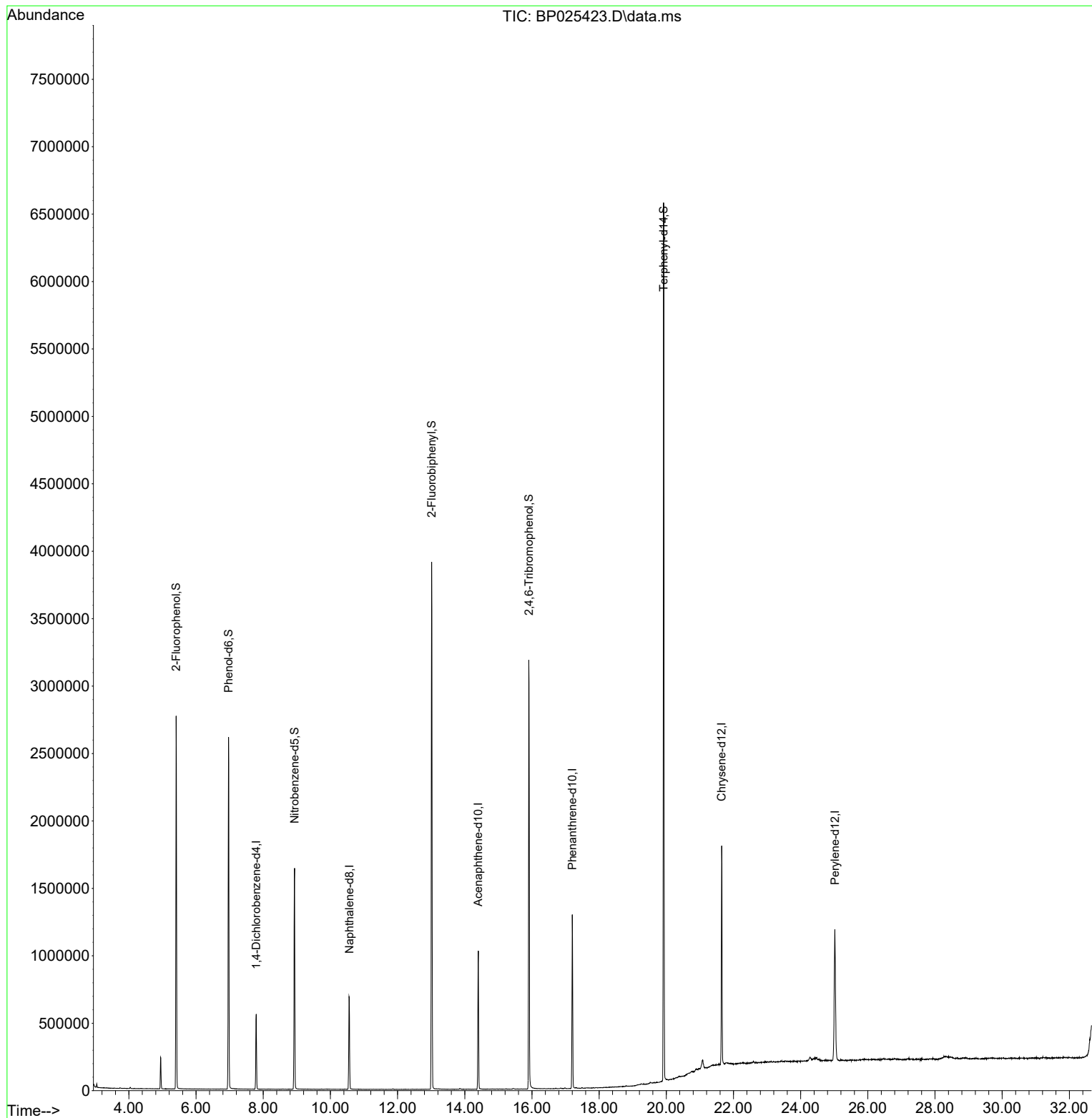
Target Compounds	Qvalue

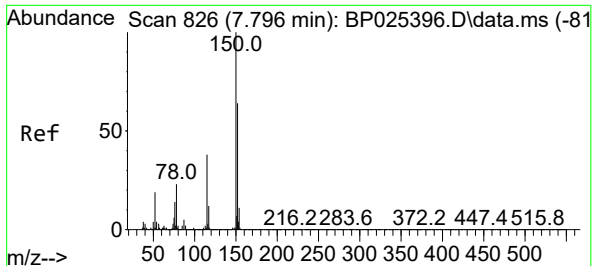
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025423.D
Acq On : 15 Aug 2025 11:17
Operator : CG/JU
Sample : PB169230BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169230BL

Quant Time: Aug 15 12:23:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

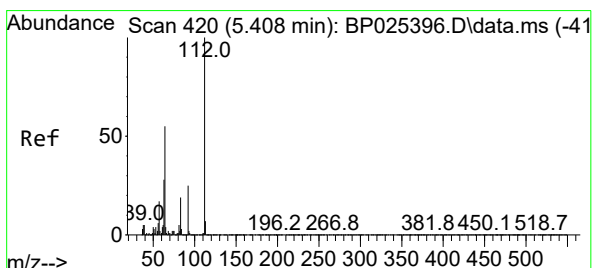
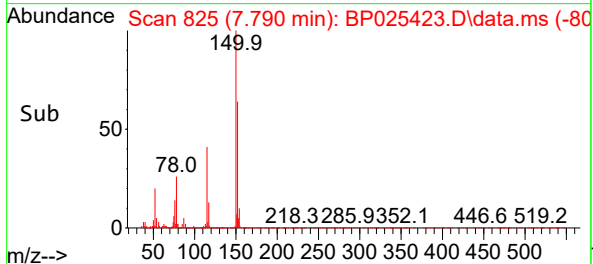
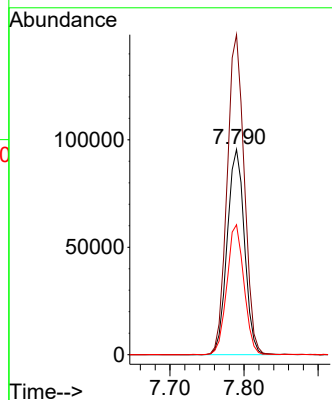
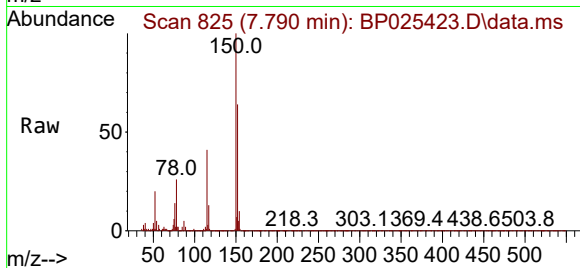




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

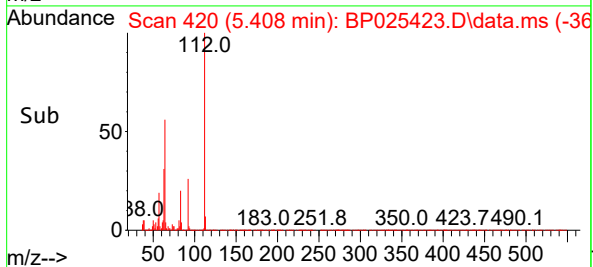
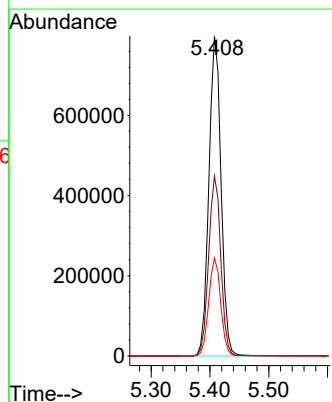
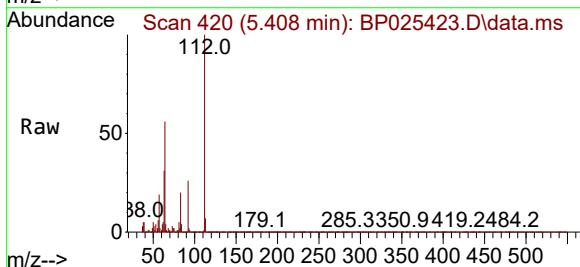
Instrument :
BNA_P
ClientSampleId :
PB169230BL

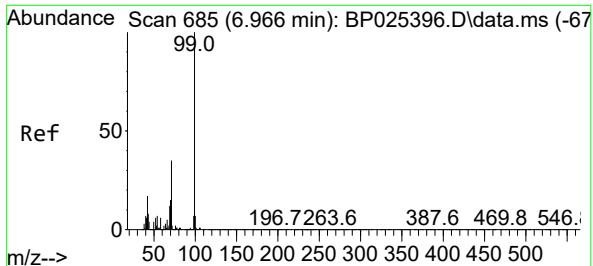
Tgt Ion:152 Resp: 154254
Ion Ratio Lower Upper
152 100
150 155.9 125.9 188.9
115 63.3 48.5 72.7



#5
2-Fluorophenol
Concen: 123.793 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

Tgt Ion:112 Resp: 1149849
Ion Ratio Lower Upper
112 100
64 56.2 43.8 65.8
63 30.6 22.7 34.1

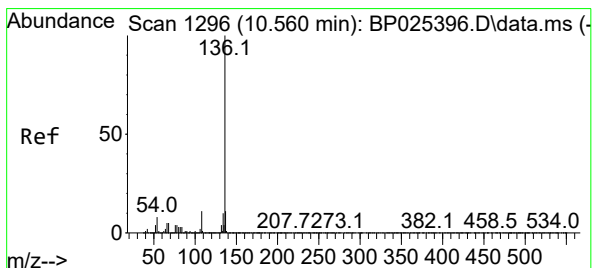
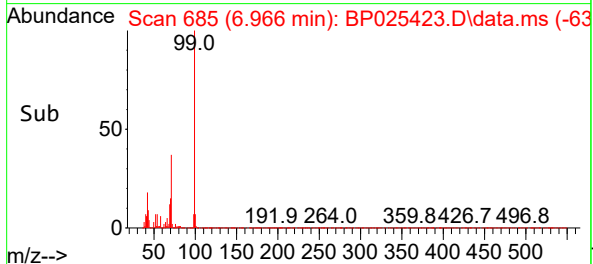
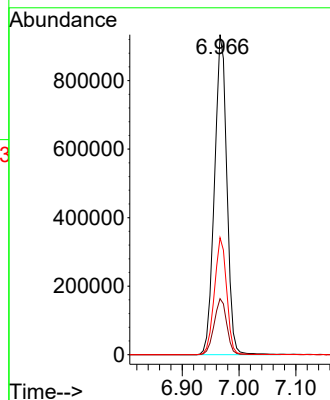
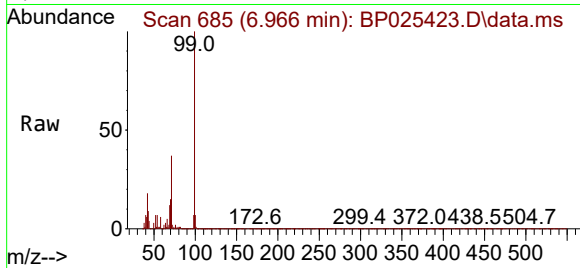




#7
Phenol-d6
Concen: 118.256 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

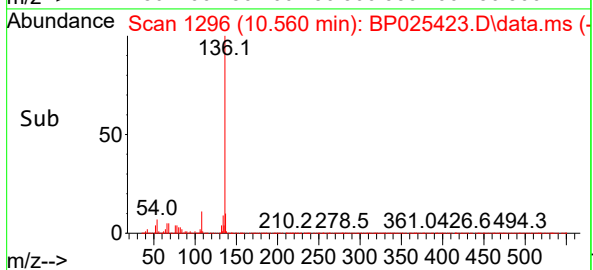
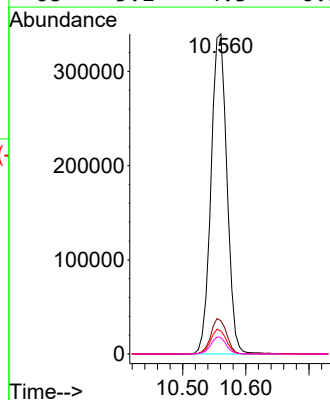
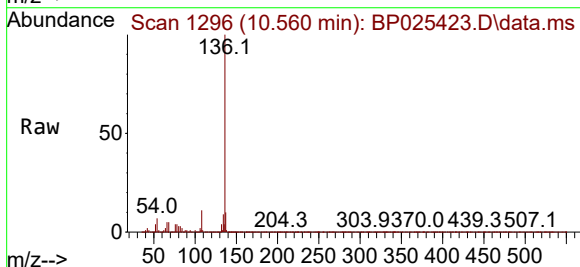
Instrument :
BNA_P
ClientSampleId :
PB169230BL

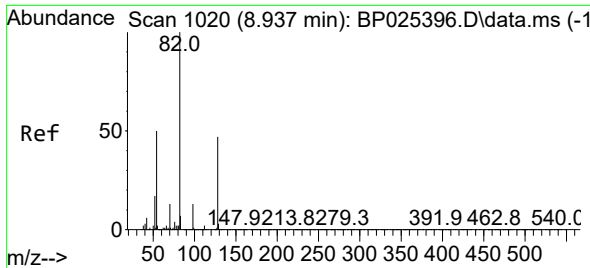
Tgt Ion: 99 Resp: 1408266
Ion Ratio Lower Upper
99 100
42 17.5 13.7 20.5
71 36.5 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

Tgt Ion: 136 Resp: 595195
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 7.2 6.0 9.0
68 5.1 4.3 6.5





#23

Nitrobenzene-d5

Concen: 77.154 ng

RT: 8.931 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP025423.D

Acq: 15 Aug 2025 11:17

Instrument :

BNA_P

ClientSampleId :

PB169230BL

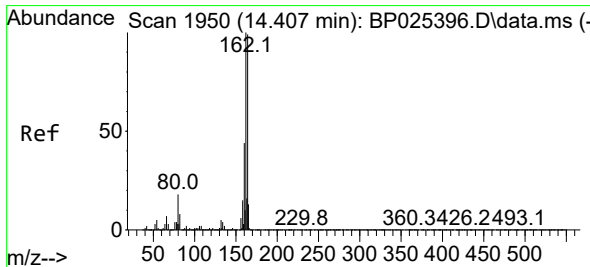
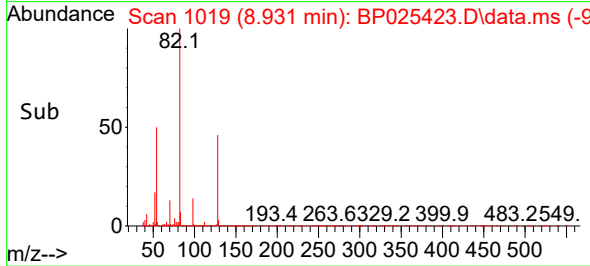
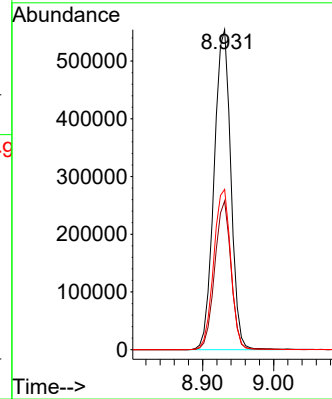
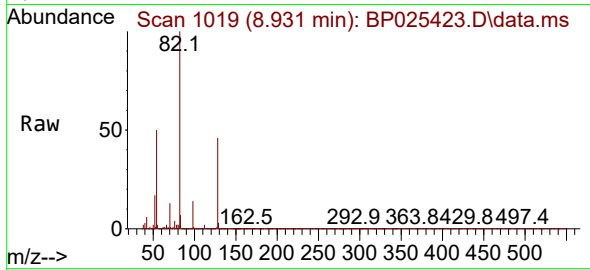
Tgt Ion: 82 Resp: 907799

Ion Ratio Lower Upper

82 100

128 46.4 37.7 56.5

54 50.1 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.401 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BP025423.D

Acq: 15 Aug 2025 11:17

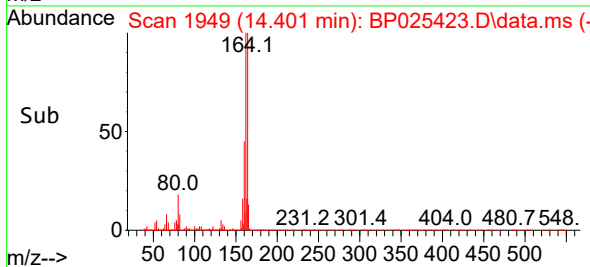
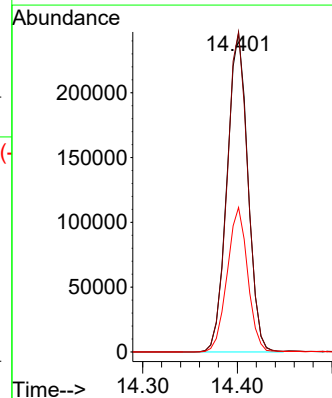
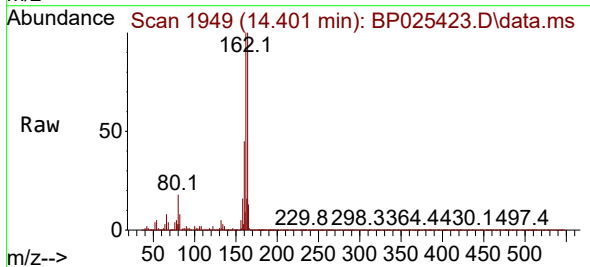
Tgt Ion: 164 Resp: 376083

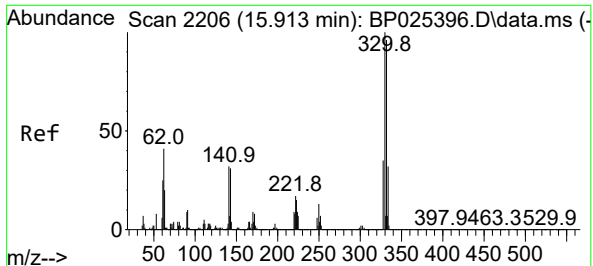
Ion Ratio Lower Upper

164 100

162 100.3 81.0 121.6

160 45.3 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 127.831 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025423.D

Acq: 15 Aug 2025 11:17

Instrument :

BNA_P

ClientSampleId :

PB169230BL

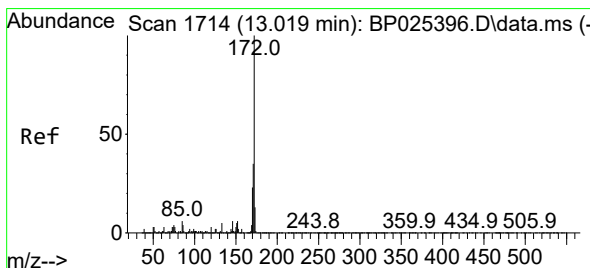
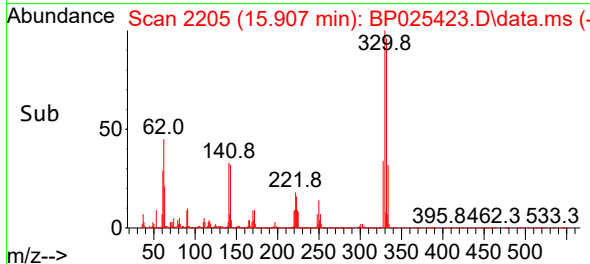
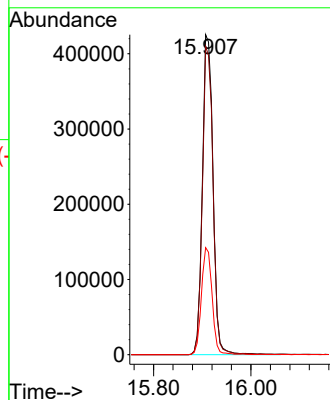
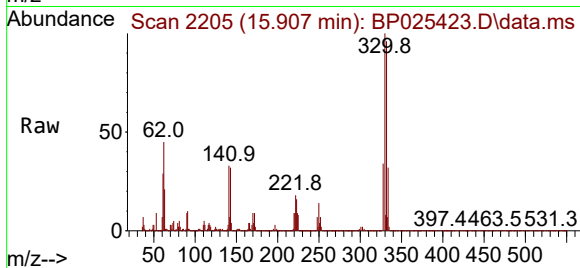
Tgt Ion:330 Resp: 647097

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 33.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 77.318 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025423.D

Acq: 15 Aug 2025 11:17

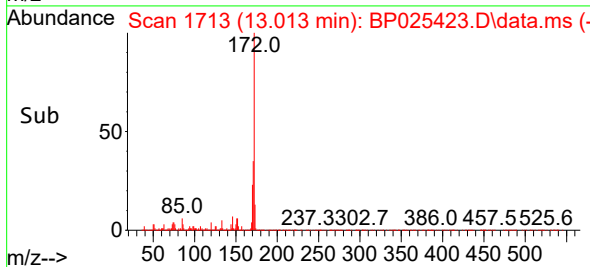
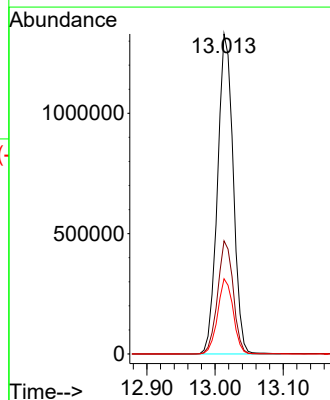
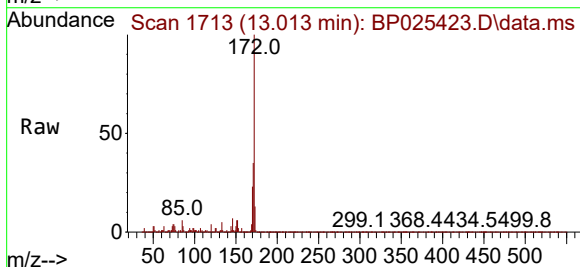
Tgt Ion:172 Resp: 2127638

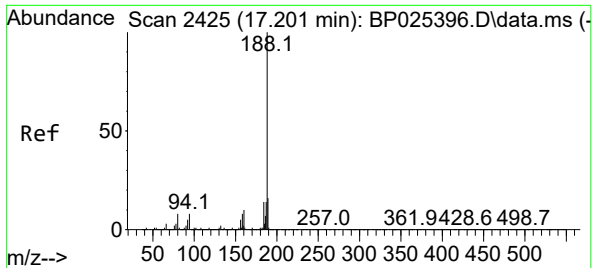
Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.5 18.6 28.0

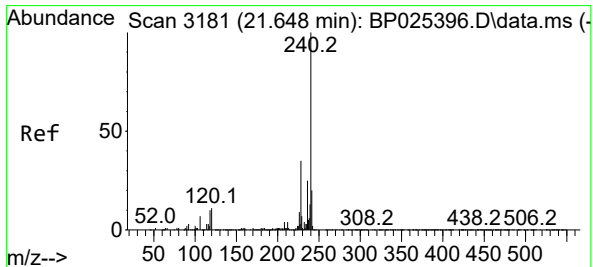
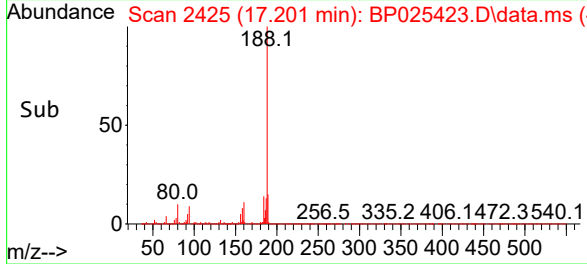
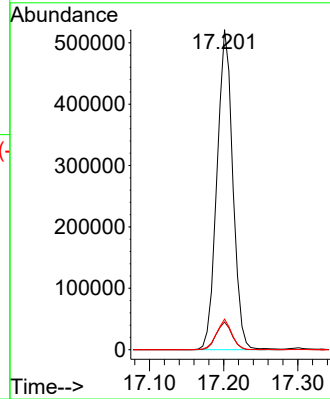
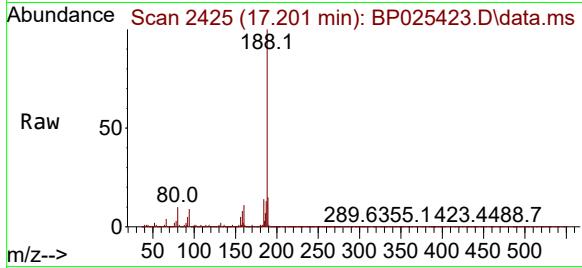




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

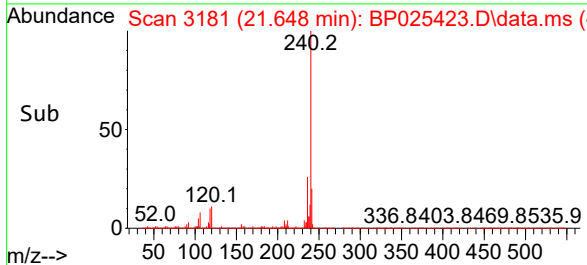
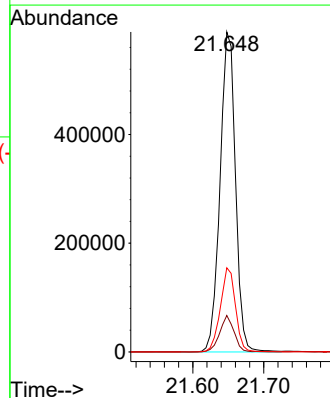
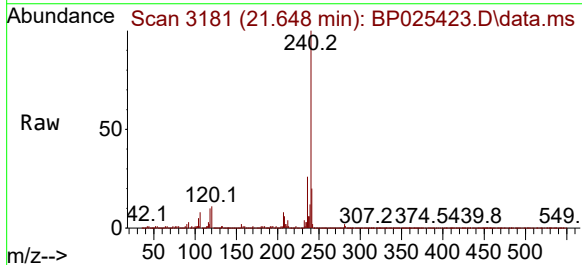
Instrument :
BNA_P
ClientSampleId :
PB169230BL

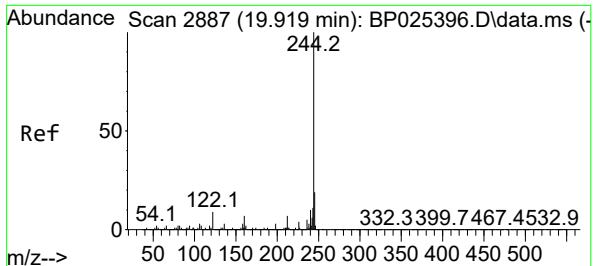
Tgt Ion:188 Resp: 774408
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.6 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

Tgt Ion:240 Resp: 884552
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.3 19.8 29.8

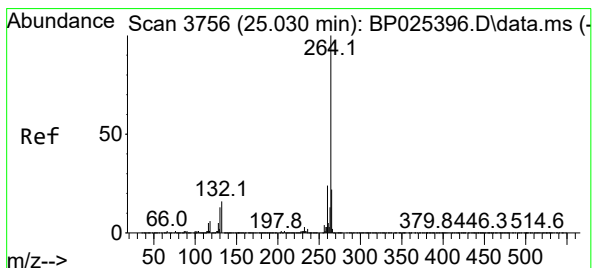
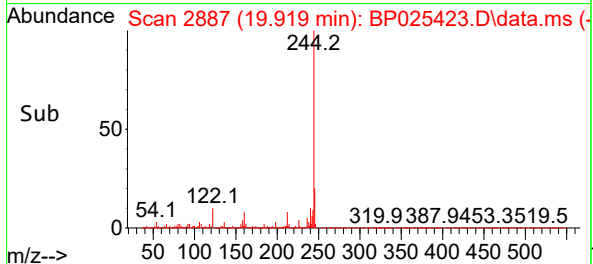
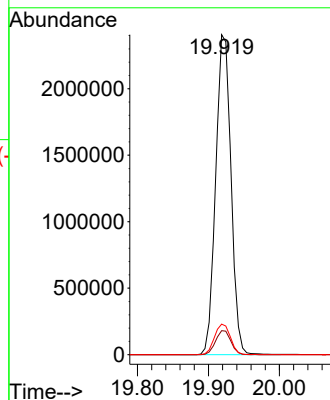
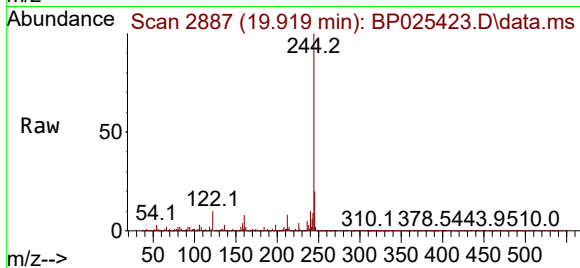




#79
Terphenyl-d14
Concen: 74.215 ng
RT: 19.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

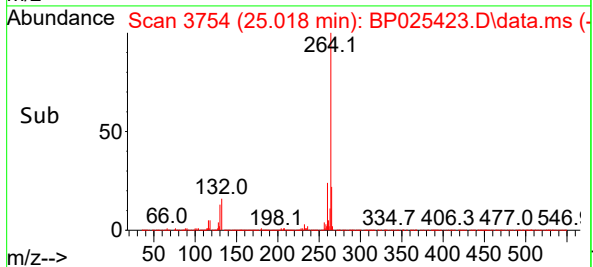
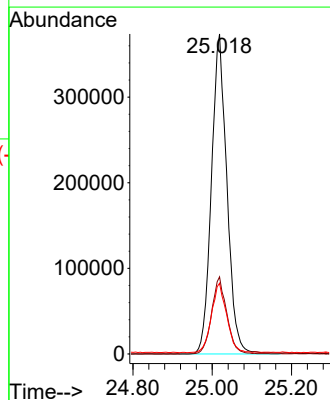
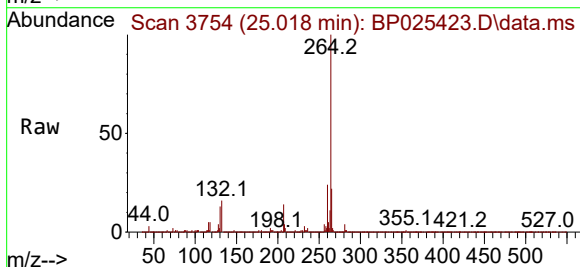
Instrument :
BNA_P
ClientSampleId :
PB169230BL

Tgt Ion:244 Resp: 3588103
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.6 7.4 11.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 3754
Delta R.T. -0.012 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

Tgt Ion:264 Resp: 1011782
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 22.1 17.4 26.0



Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB169230BS	SDG No.:	Q2837
Lab Sample ID:	PB169230BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group4
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025424.D	1	08/12/25 11:39	08/15/25 11:59	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	40.4		0.91	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	37.9		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	38.6		0.54	5.00	ug/L
91-20-3	Naphthalene	38.6		0.50	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	113		15 (23) - 110 (138)	75%	SPK: 150
13127-88-3	Phenol-d6	110		15 (10) - 110 (134)	74%	SPK: 150
4165-60-0	Nitrobenzene-d5	69.6		30 (67) - 130 (132)	70%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.6		30 (52) - 130 (132)	69%	SPK: 100
118-79-6	2,4,6-Tribromophenol	111		15 (44) - 110 (137)	74%	SPK: 150
1718-51-0	Terphenyl-d14	65.8		30 (42) - 130 (152)	66%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	170000	7.79			
1146-65-2	Naphthalene-d8	670000	10.555			
15067-26-2	Acenaphthene-d10	424000	14.396			
1517-22-2	Phenanthrene-d10	813000	17.19			
1719-03-5	Chrysene-d12	911000	21.642			
1520-96-3	Perylene-d12	1090000	25.019			

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\BP081525\
 Data File : BP025424.D
 Acq On : 15 Aug 2025 11:59
 Operator : CG/JU
 Sample : PB169230BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169230BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/18/2025
 Supervised By :Jagrut Upadhyay 08/18/2025

Quant Time: Aug 15 12:24:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	169971	20.000	ng	0.00
21) Naphthalene-d8	10.555	136	670319	20.000	ng	0.00
39) Acenaphthene-d10	14.396	164	424018	20.000	ng	-0.01
64) Phenanthrene-d10	17.190	188	812951	20.000	ng	-0.01
76) Chrysene-d12	21.642	240	911094	20.000	ng	0.00
86) Perylene-d12	25.019	264	1094193	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1156544	113.000	ng	0.00
7) Phenol-d6	6.972	99	1449790	110.485	ng	0.00
23) Nitrobenzene-d5	8.931	82	922542	69.619	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	632733	110.863	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2128772	68.614	ng	0.00
79) Terphenyl-d14	19.919	244	3276717	65.800	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	178151	44.438	ng	99
3) Pyridine	3.726	79	351940	32.073	ng	97
4) n-Nitrosodimethylamine	3.631	42	183440	40.550	ng	97
6) Aniline	7.125	93	575167	32.532	ng	98
8) 2-Chlorophenol	7.361	128	461335	39.944	ng	99
9) Benzaldehyde	6.937	77	219291	23.853	ng	95
10) Phenol	6.996	94	556276	40.400	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	398485	37.131	ng	98
12) 1,3-Dichlorobenzene	7.684	146	486604	38.209	ng	99
13) 1,4-Dichlorobenzene	7.825	146	493901	37.943	ng	99
14) 1,2-Dichlorobenzene	8.137	146	473554	37.582	ng	98
15) Benzyl Alcohol	8.019	79	400986	38.459	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.308	45	537421	37.382	ng	98
17) 2-Methylphenol	8.225	107	379222	39.655	ng	99
18) Hexachloroethane	8.861	117	185309	38.719	ng	96
19) n-Nitroso-di-n-propyla...	8.584	70	306664	35.282	ng	96
20) 3+4-Methylphenols	8.543	107	514736	38.831	ng	97
22) Acetophenone	8.596	105	645991	38.428	ng	# 98
24) Nitrobenzene	8.972	77	470422	39.722	ng	98
25) Isophorone	9.496	82	867444	36.989	ng	99
26) 2-Nitrophenol	9.672	139	238004	39.160	ng	99
27) 2,4-Dimethylphenol	9.737	122	426335	40.790	ng	98
28) bis(2-Chloroethoxy)met...	9.966	93	533145	37.610	ng	98
29) 2,4-Dichlorophenol	10.208	162	430899	41.501	ng	100
30) 1,2,4-Trichlorobenzene	10.419	180	439417	38.606	ng	99
31) Naphthalene	10.608	128	1343452	38.560	ng	99
32) Benzoic acid	9.878	122	306370	39.703	ng	98
33) 4-Chloroaniline	10.702	127	385406	25.043	ng	99
34) Hexachlorobutadiene	10.896	225	272129	38.391	ng	98
35) Caprolactam	11.490	113	146622	38.511	ng	95
36) 4-Chloro-3-methylphenol	11.831	107	486472	40.832	ng	97
37) 2-Methylnaphthalene	12.213	142	864478	38.128	ng	99
38) 1-Methylnaphthalene	12.431	142	898180	37.251	ng	100
40) 1,2,4,5-Tetrachloroben...	12.578	216	483197	39.457	ng	99
41) Hexachlorocyclopentadiene	12.566	237	636193	86.005	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	343891	41.596	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025424.D
 Acq On : 15 Aug 2025 11:59
 Operator : CG/JU
 Sample : PB169230BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169230BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/18/2025
 Supervised By :Jagrut Upadhyay 08/18/2025

Quant Time: Aug 15 12:24:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.890	196	381721	42.128	ng	98
46) 1,1'-Biphenyl	13.225	154	1235911	40.134	ng	99
47) 2-Chloronaphthalene	13.266	162	949832	39.620	ng	99
48) 2-Nitroaniline	13.460	65	296397	42.432	ng	99
49) Acenaphthylene	14.119	152	1568169	39.531	ng	100
50) Dimethylphthalate	13.849	163	1223759	39.412	ng	100
51) 2,6-Dinitrotoluene	13.960	165	270344	41.309	ng	93
52) Acenaphthene	14.460	154	911236	39.134	ng	99
53) 3-Nitroaniline	14.290	138	223962	30.416	ng	95
54) 2,4-Dinitrophenol	14.501	184	319395	91.387	ng	97
55) Dibenzofuran	14.796	168	1435621	38.997	ng	98
56) 4-Nitrophenol	14.607	139	509537	84.213	ng	94
57) 2,4-Dinitrotoluene	14.754	165	389153	41.677	ng	97
58) Fluorene	15.460	166	1123848	38.689	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.025	232	327248	40.903	ng	99
60) Diethylphthalate	15.231	149	1237967	39.238	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	548873	37.992	ng	98
62) 4-Nitroaniline	15.466	138	293368	38.864	ng	95
63) Azobenzene	15.748	77	1081923	40.048	ng	98
65) 4,6-Dinitro-2-methylph...	15.531	198	215285	42.483	ng	94
66) n-Nitrosodiphenylamine	15.666	169	1020090	41.149	ng	100
67) 4-Bromophenyl-phenylether	16.366	248	357730	40.010	ng	98
68) Hexachlorobenzene	16.484	284	421113	40.631	ng	97
69) Atrazine	16.648	200	371199	39.983	ng	99
70) Pentachlorophenol	16.831	266	569065	86.979	ng	99
71) Phenanthrene	17.237	178	1834594	41.081	ng	99
72) Anthracene	17.325	178	1867641	40.953	ng	99
73) Carbazole	17.601	167	1745068	40.625	ng	99
74) Di-n-butylphthalate	18.207	149	2153331	40.744	ng	100
75) Fluoranthene	19.319	202	2161988	40.586	ng	99
77) Benzidine	19.513	184	1323440	42.563	ng	99
78) Pyrene	19.695	202	2262750	38.210	ng	100
80) Butylbenzylphthalate	20.654	149	1053807	39.265	ng	99
81) Benzo(a)anthracene	21.625	228	2464717	41.019	ng	99
82) 3,3'-Dichlorobenzidine	21.536	252	686690	30.320	ng	99
83) Chrysene	21.695	228	2304341	40.951	ng	99
84) Bis(2-ethylhexyl)phtha...	21.578	149	1594510	40.360	ng	100
85) Di-n-octyl phthalate	22.860	149	2830250	41.649	ng	99
87) Indeno(1,2,3-cd)pyrene	28.848	276	3386531	42.203	ng	99
88) Benzo(b)fluoranthene	23.936	252	2671223	41.401	ng	99
89) Benzo(k)fluoranthene	24.024	252	2607648	40.388	ng	100
90) Benzo(a)pyrene	24.866	252	2585640	41.168	ng	99
91) Dibenzo(a,h)anthracene	28.936	278	2746421	41.882	ng	98
92) Benzo(g,h,i)perylene	30.036	276	2695674m	41.819	ng	

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

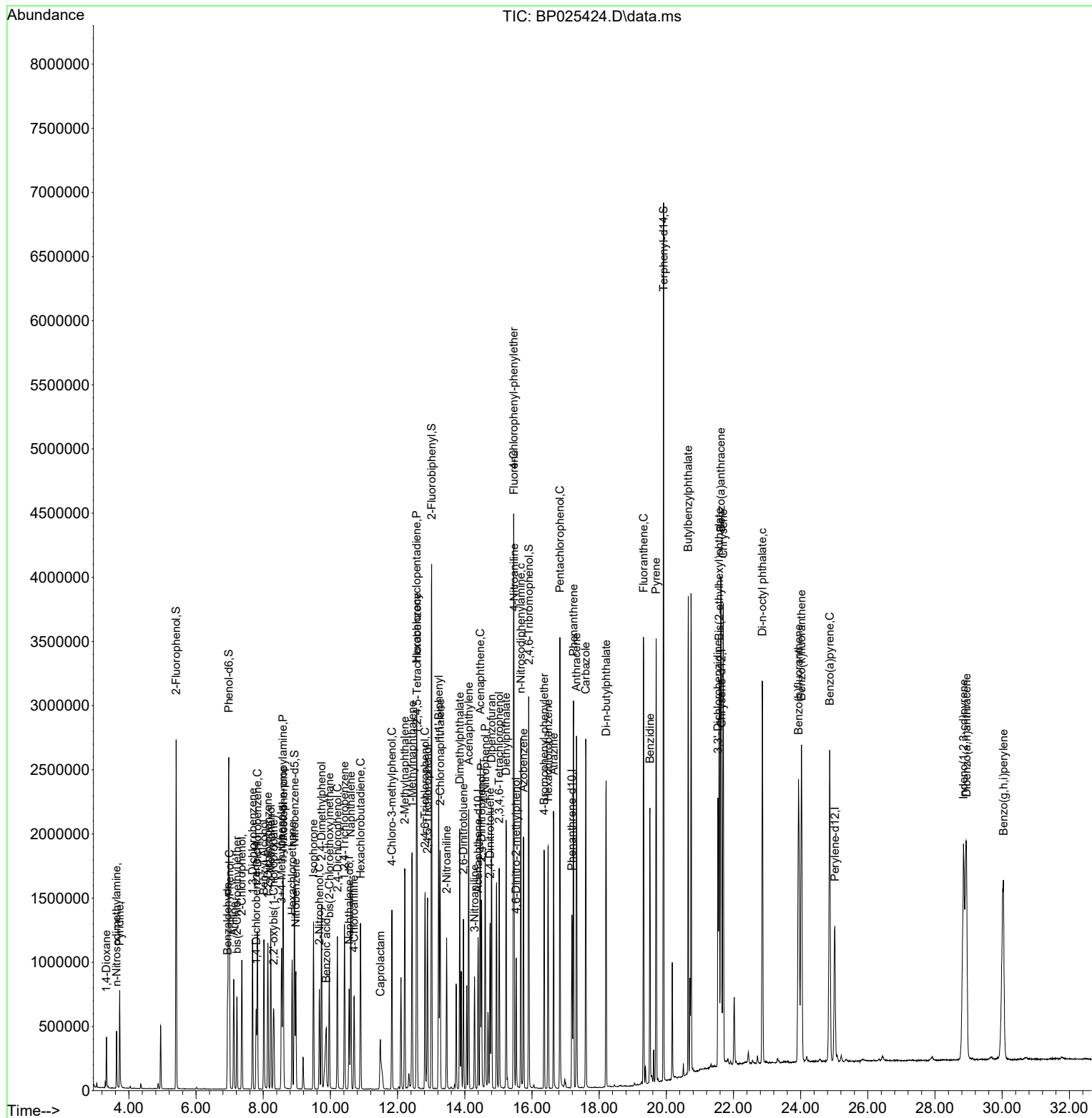
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 Data File : BP025424.D
 Acq On : 15 Aug 2025 11:59
 Operator : CG/JU
 Sample : PB169230BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

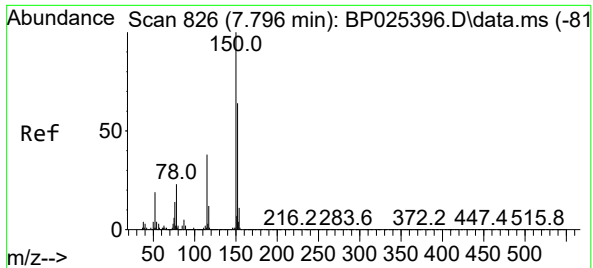
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 BNA_P
 ClientSampleId :
 PB169230BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/18/2025
 Supervised By :Jagrut Upadhyay 08/18/2025

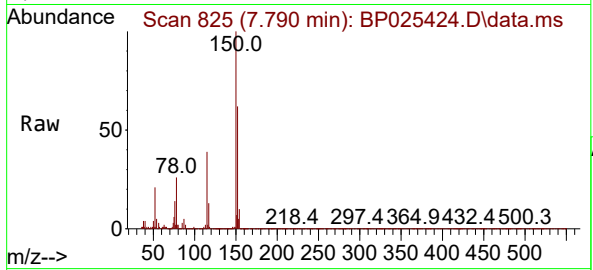
Quant Time: Aug 15 12:24:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

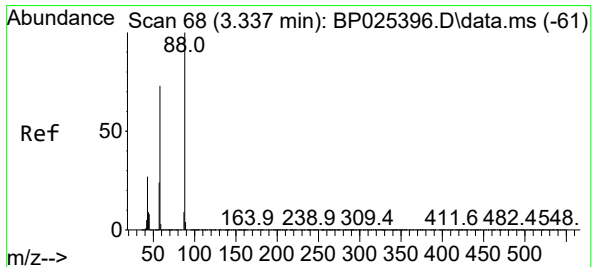
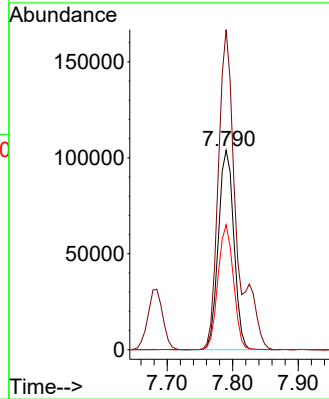
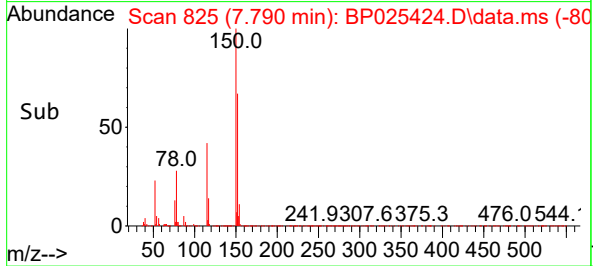
Instrument :
BNA_P
ClientSampleId :
PB169230BS



Tgt Ion: 152 Resp: 16997
Ion Ratio Lower Upper
152 100
150 160.6 125.9 188.9
115 62.7 48.5 72.7

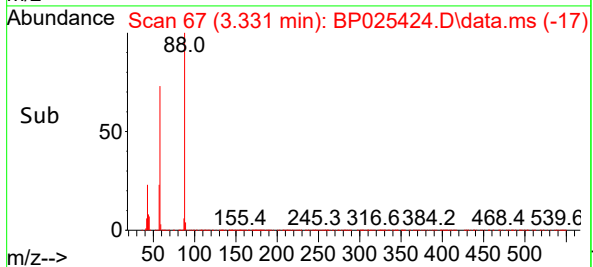
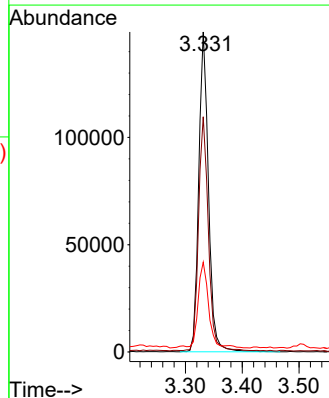
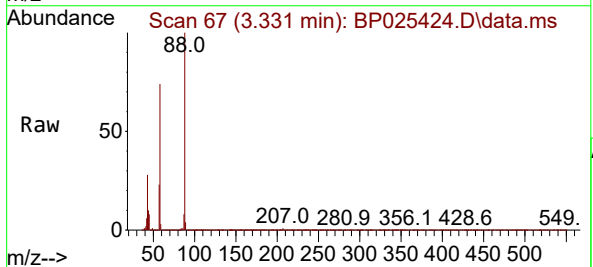
Manual Integrations
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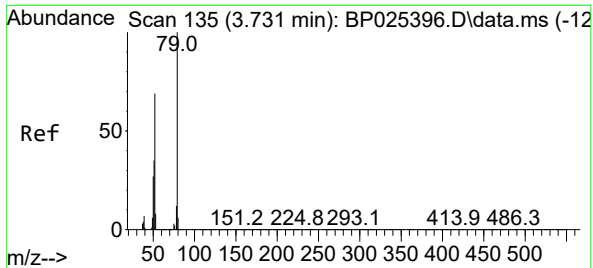
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#2
1,4-Dioxane
Concen: 44.438 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

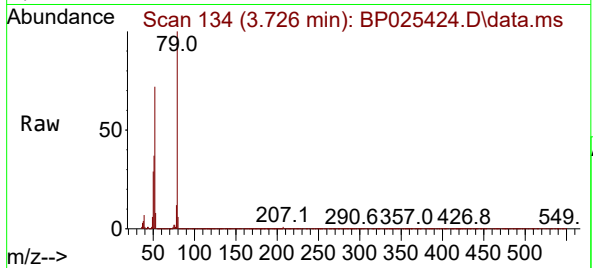
Tgt Ion: 88 Resp: 178151
Ion Ratio Lower Upper
88 100
58 73.9 59.2 88.8
43 28.8 21.7 32.5





#3
Pyridine
Concen: 32.073 ng
RT: 3.726 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

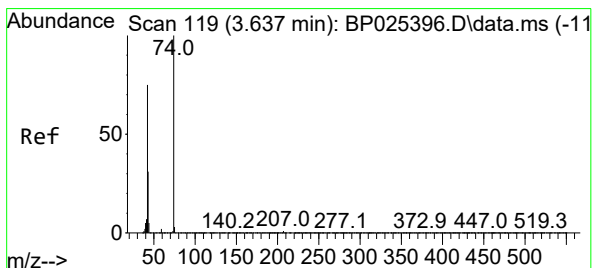
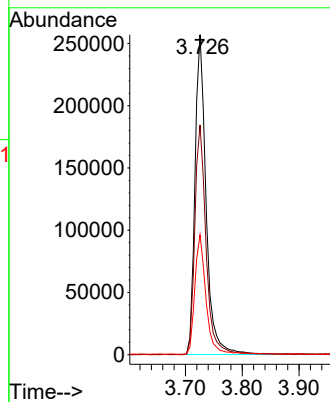
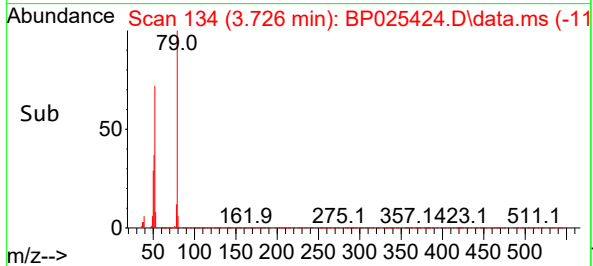
Instrument :
BNA_P
ClientSampleId :
PB169230BS



Tgt Ion: 79 Resp: 351940
Ion Ratio Lower Upper
79 100
52 71.8 55.5 83.3
51 37.5 28.3 42.5

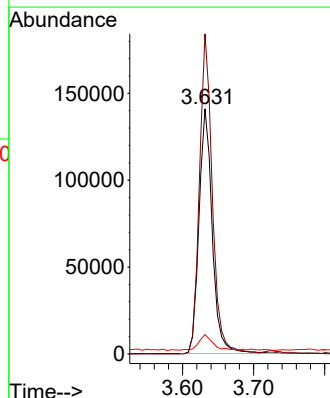
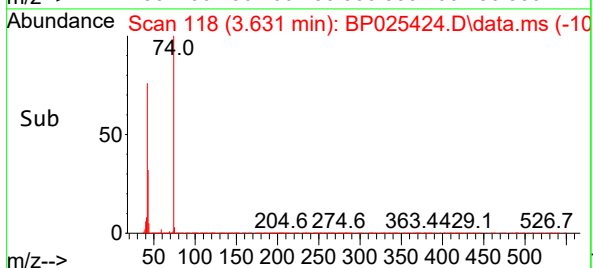
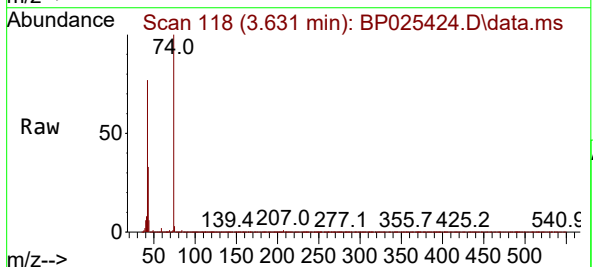
Manual Integrations
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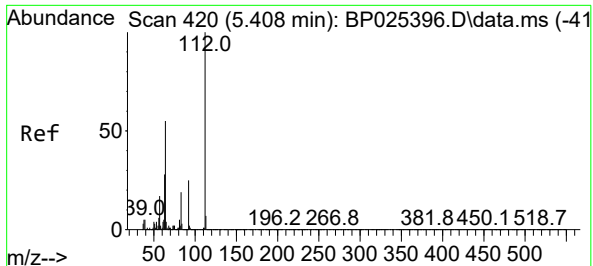
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#4
n-Nitrosodimethylamine
Concen: 40.550 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

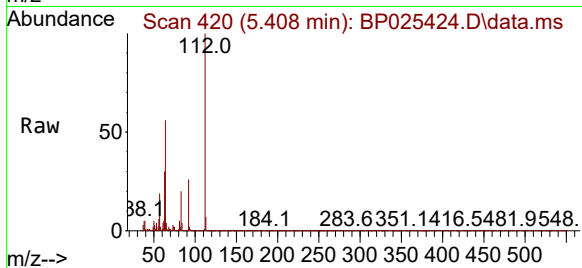
Tgt Ion: 42 Resp: 183440
Ion Ratio Lower Upper
42 100
74 130.5 107.0 160.4
44 7.9 6.2 9.4





#5
2-Fluorophenol
Concen: 113.000 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

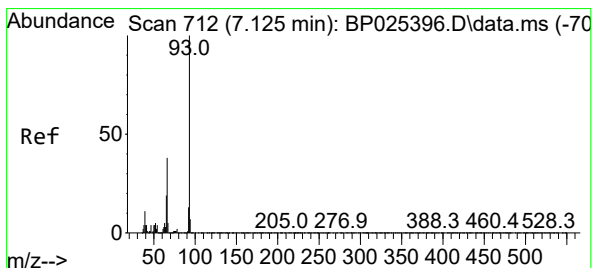
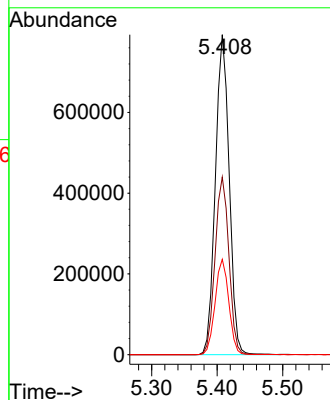
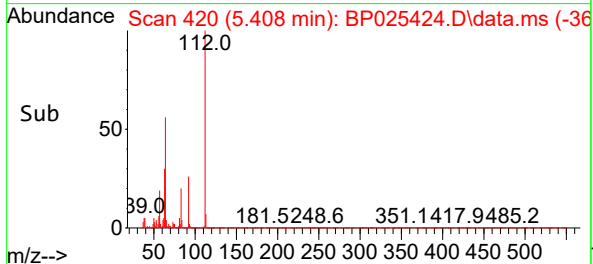
Instrument :
BNA_P
ClientSampleId :
PB169230BS



Tgt Ion:112 Resp: 115654
Ion Ratio Lower Upper
112 100
64 55.5 43.8 65.8
63 29.8 22.7 34.1

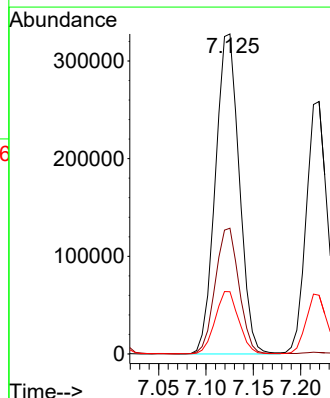
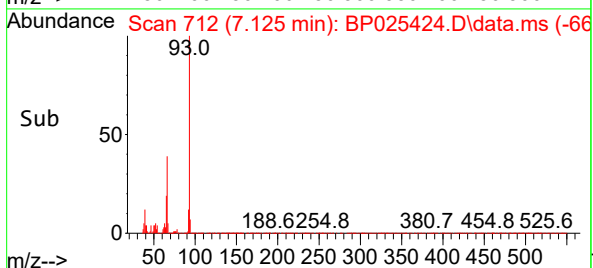
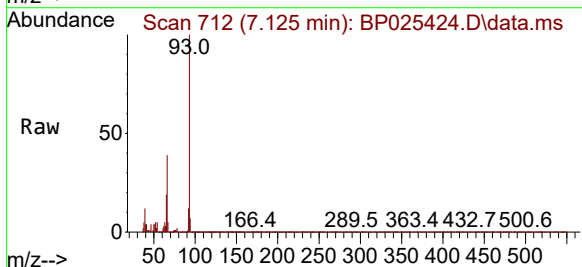
Manual Integrations
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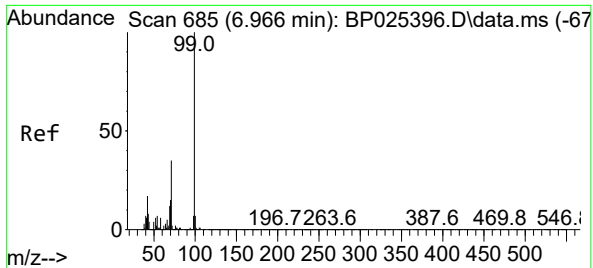
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#6
Aniline
Concen: 32.532 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

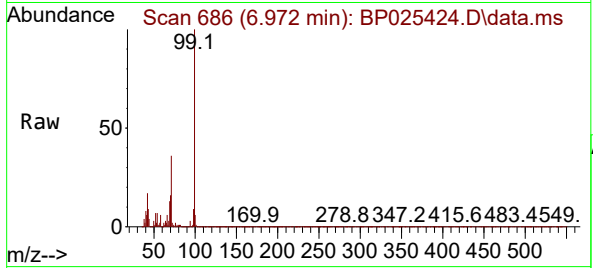
Tgt Ion: 93 Resp: 575167
Ion Ratio Lower Upper
93 100
66 39.3 30.4 45.6
65 19.5 15.3 22.9





#7
Phenol-d6
Concen: 110.485 ng
RT: 6.972 min Scan# 685
Delta R.T. 0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

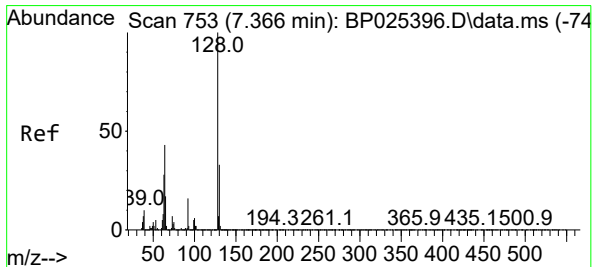
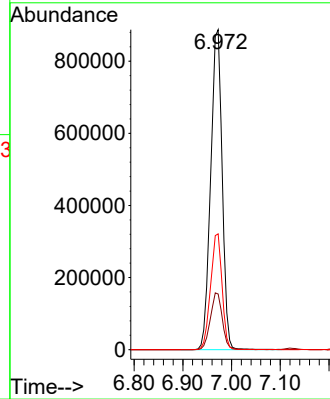
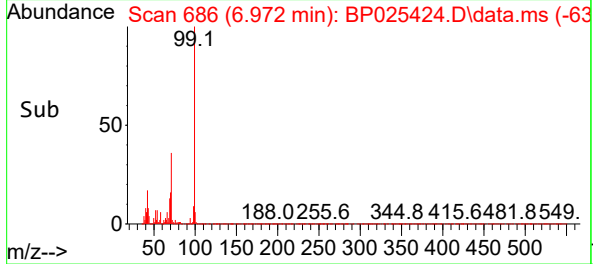
Instrument :
BNA_P
ClientSampleId :
PB169230BS



Tgt Ion: 99 Resp: 1449790
Ion Ratio Lower Upper
99 100
42 17.4 13.7 20.5
71 36.2 28.2 42.4

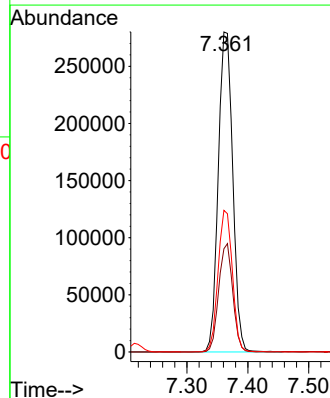
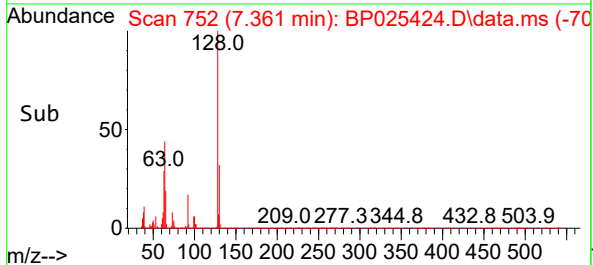
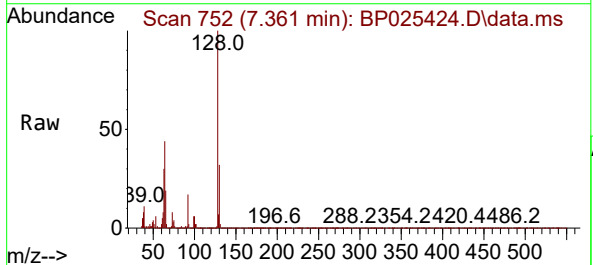
Manual Integrations
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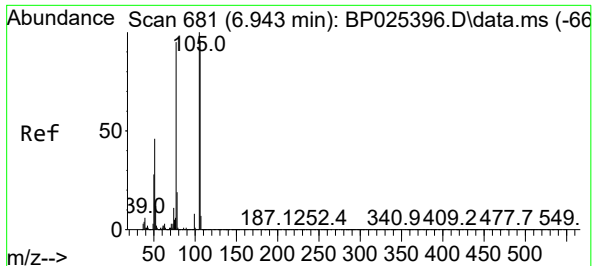
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#8
2-Chlorophenol
Concen: 39.944 ng
RT: 7.361 min Scan# 752
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

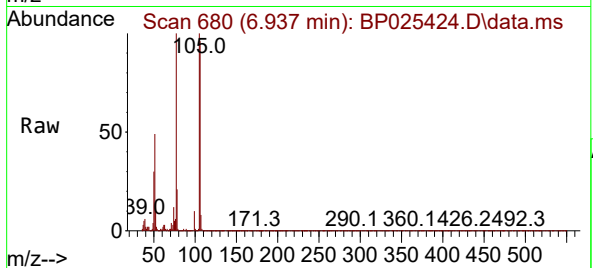
Tgt Ion:128 Resp: 461335
Ion Ratio Lower Upper
128 100
130 32.2 12.6 52.6
64 44.2 23.4 63.4





#9
Benzaldehyde
Concen: 23.853 ng
RT: 6.937 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

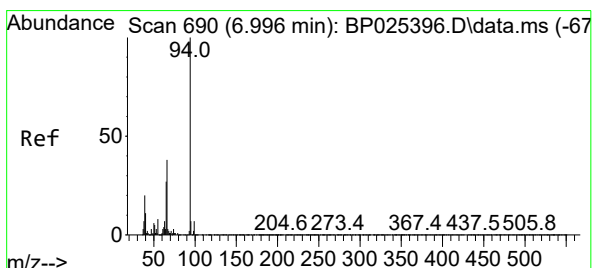
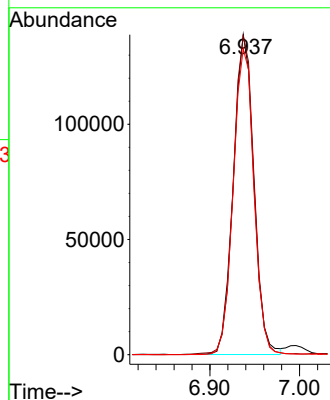
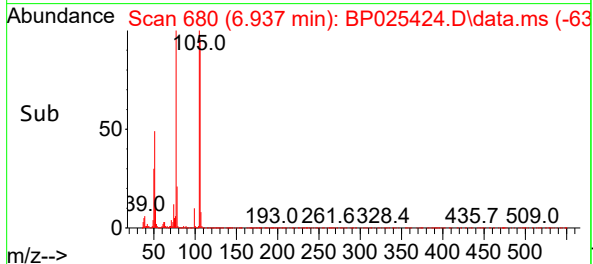
Instrument :
BNA_P
ClientSampleId :
PB169230BS



Tgt Ion: 77 Resp: 21929
Ion Ratio Lower Upper
77 100
105 99.6 84.8 124.8
106 95.6 80.5 120.5

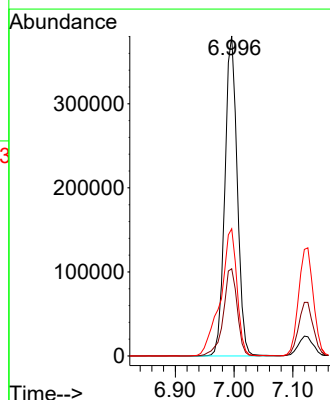
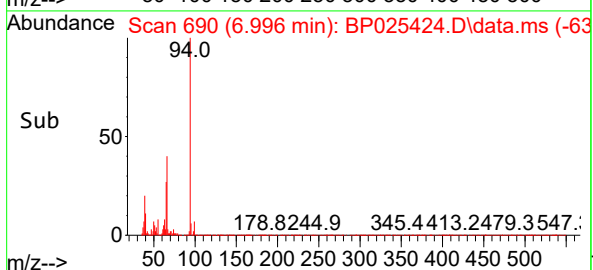
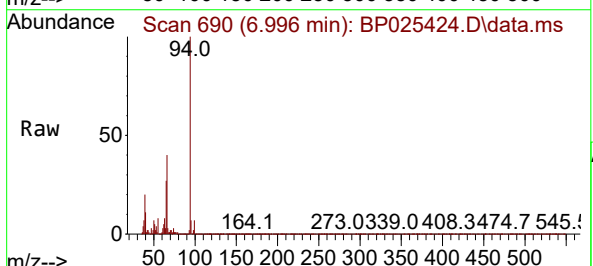
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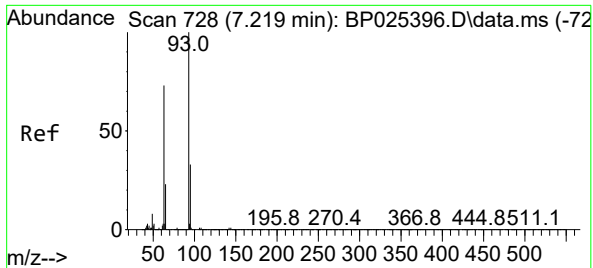
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#10
Phenol
Concen: 40.400 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion: 94 Resp: 556276
Ion Ratio Lower Upper
94 100
65 27.3 6.8 46.8
66 39.7 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 37.131 ng

RT: 7.219 min Scan# 728

Delta R.T. 0.000 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

Instrument :

BNA_P

ClientSampleId :

PB169230BS

Tgt Ion: 93 Resp: 39848

Ion Ratio Lower Upper

93 100

63 74.6 52.6 92.6

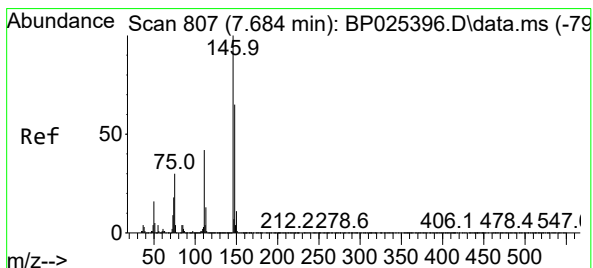
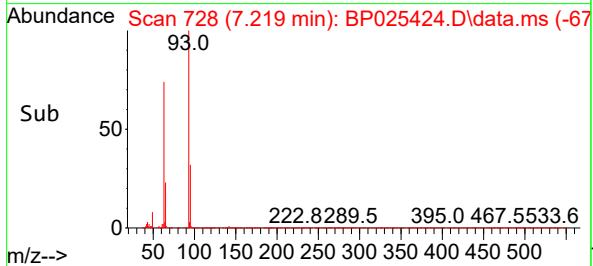
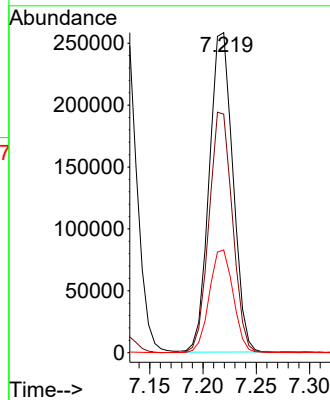
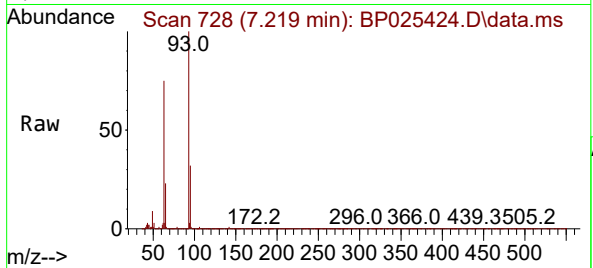
95 32.1 12.7 52.7

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Supervised By :Jagrut Upadhyay 08/18/2025



#12

1,3-Dichlorobenzene

Concen: 38.209 ng

RT: 7.684 min Scan# 807

Delta R.T. 0.000 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

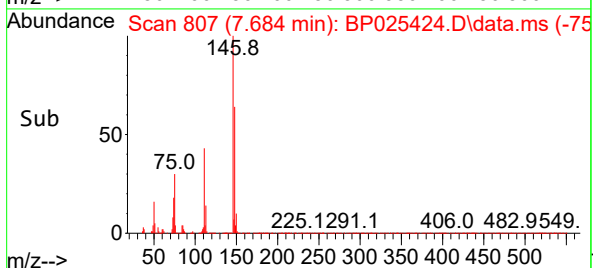
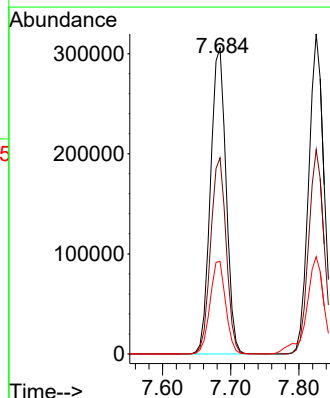
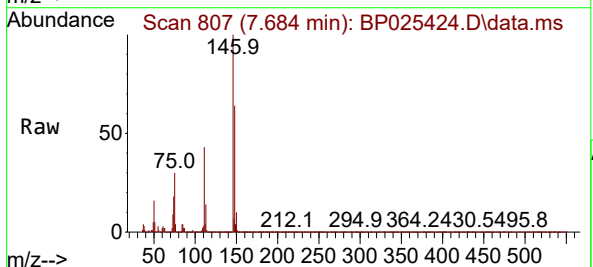
Tgt Ion:146 Resp: 486604

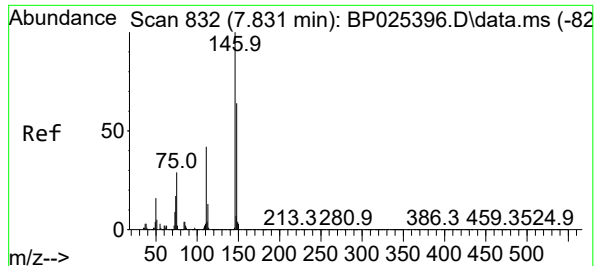
Ion Ratio Lower Upper

146 100

148 64.1 51.9 77.9

75 30.3 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 37.943 ng

RT: 7.825 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

Instrument :

BNA_P

ClientSampleId :

PB169230BS

Tgt Ion:146 Resp: 49390

Ion Ratio Lower Upper

146 100

148 63.9 51.6 77.4

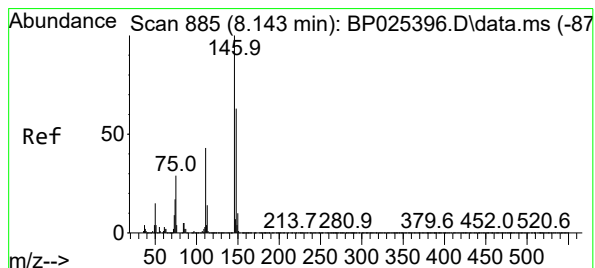
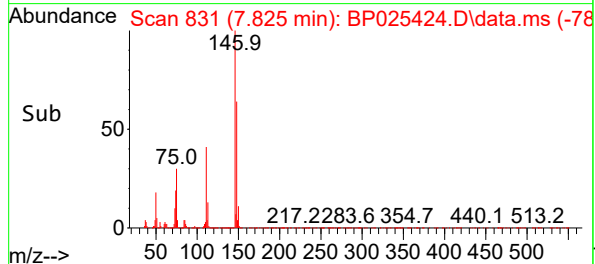
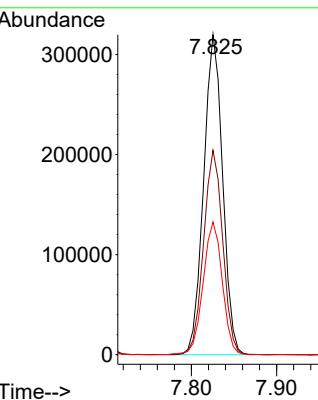
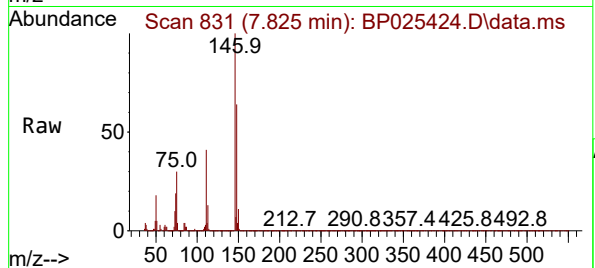
111 41.4 33.4 50.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/18/2025



#14

1,2-Dichlorobenzene

Concen: 37.582 ng

RT: 8.137 min Scan# 884

Delta R.T. -0.006 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

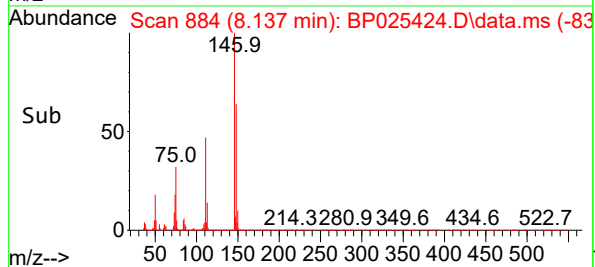
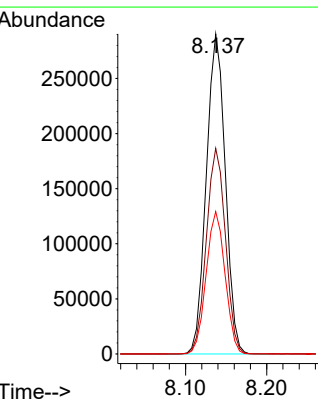
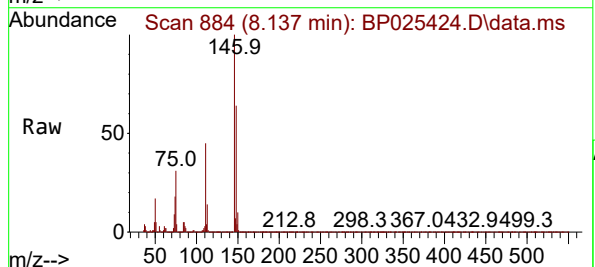
Tgt Ion:146 Resp: 473554

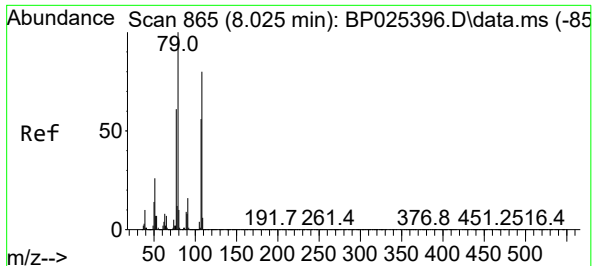
Ion Ratio Lower Upper

146 100

148 64.3 50.4 75.6

111 44.5 34.5 51.7





#15

Benzyl Alcohol

Concen: 38.459 ng

RT: 8.019 min Scan# 80

Delta R.T. -0.006 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

Instrument :

BNA_P

ClientSampleId :

PB169230BS

Tgt Ion: 79 Resp: 400980

Ion Ratio Lower Upper

79 100

108 77.0 63.8 95.6

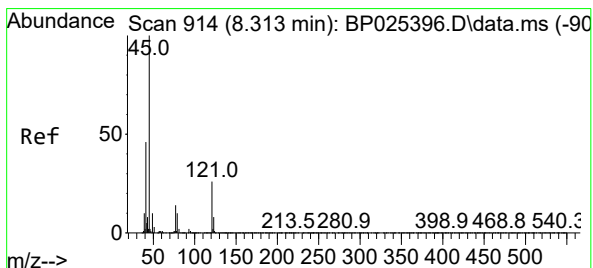
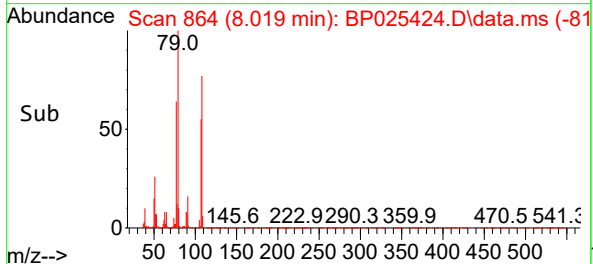
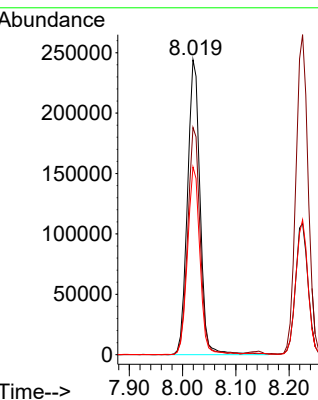
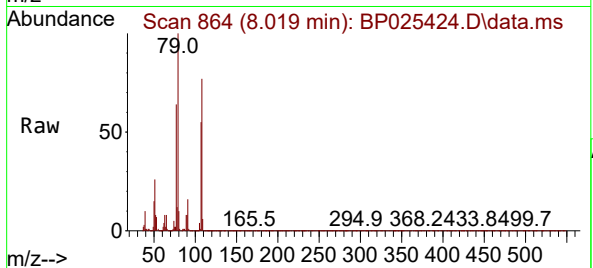
77 63.7 49.0 73.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.382 ng

RT: 8.308 min Scan# 913

Delta R.T. -0.006 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

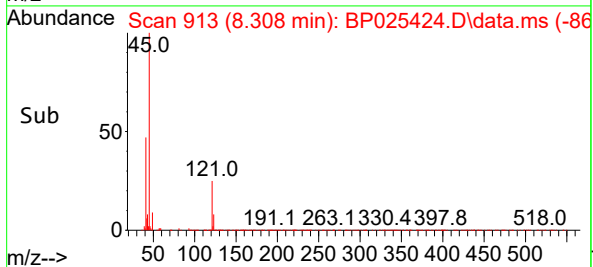
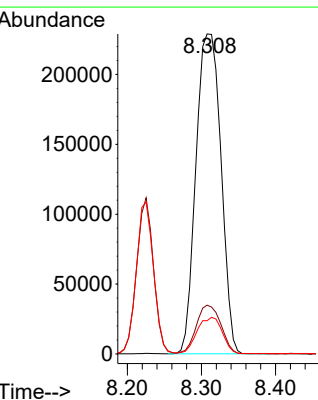
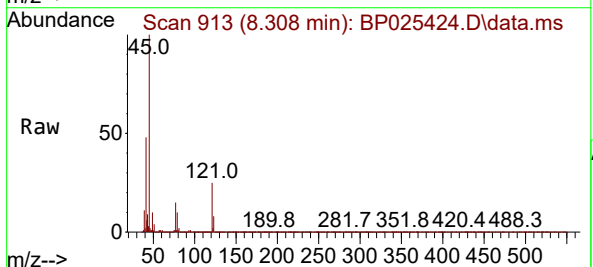
Tgt Ion: 45 Resp: 537421

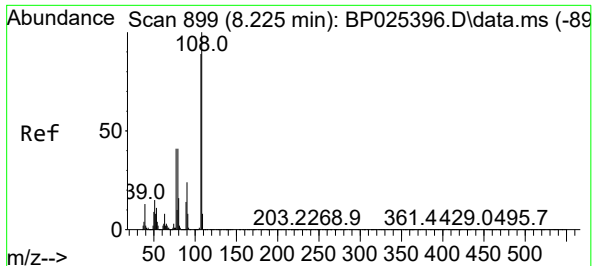
Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.3

79 10.4 0.0 31.8





#17

2-Methylphenol

Concen: 39.655 ng

RT: 8.225 min Scan# 899

Delta R.T. 0.000 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

Instrument :

BNA_P

ClientSampleId :

PB169230BS

Tgt Ion:107 Resp: 37922

Ion Ratio Lower Upper

107 100

108 110.2 89.4 134.0

77 46.5 36.3 54.5

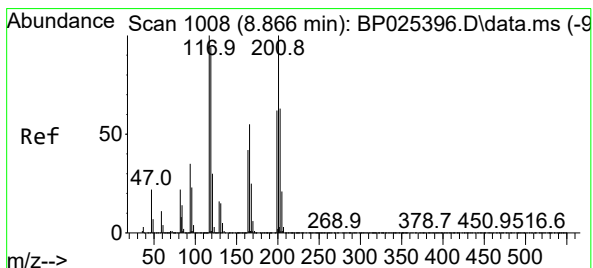
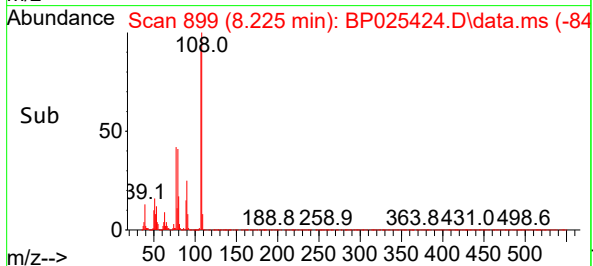
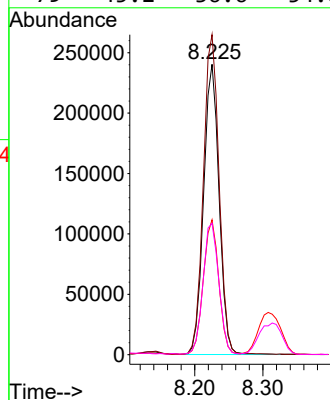
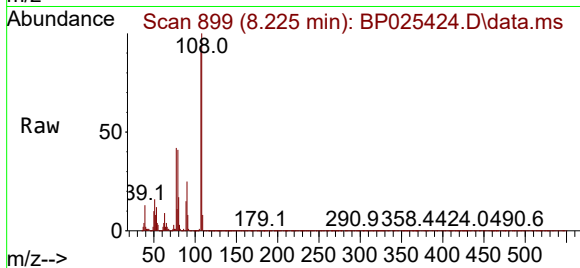
79 45.2 36.6 54.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/18/2025



#18

Hexachloroethane

Concen: 38.719 ng

RT: 8.861 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

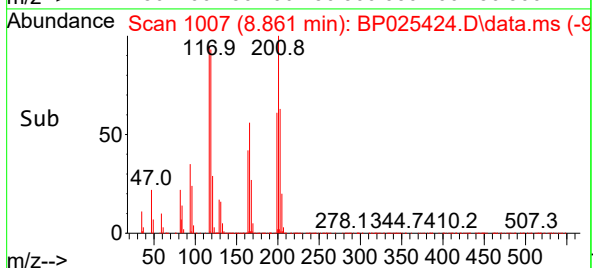
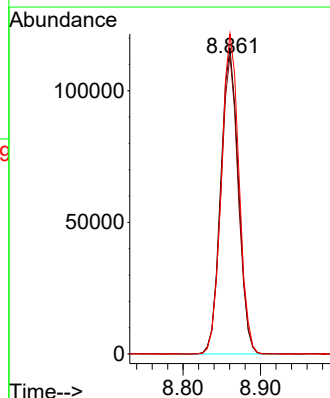
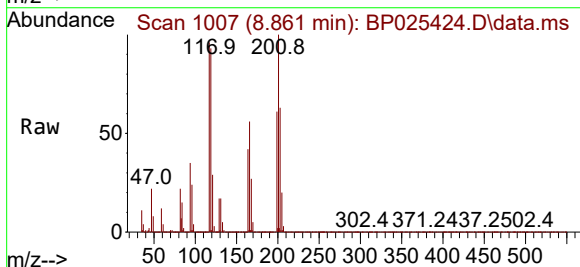
Tgt Ion:117 Resp: 185309

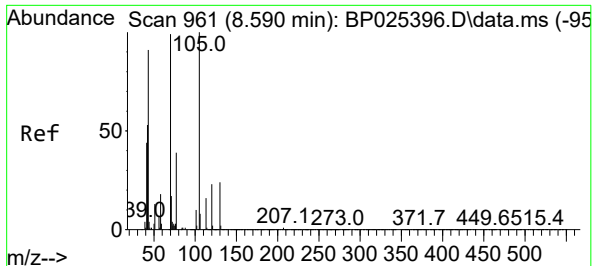
Ion Ratio Lower Upper

117 100

119 97.6 75.1 112.7

201 104.7 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 35.282 ng

RT: 8.584 min Scan# 90

Delta R.T. -0.006 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

Instrument :

BNA_P

ClientSampleId :

PB169230BS

Tgt Ion: 70 Resp: 306664

Ion Ratio Lower Upper

70 100

42 58.8 43.8 65.6

101 11.2 8.5 12.7

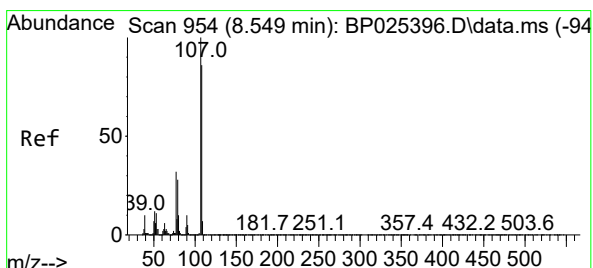
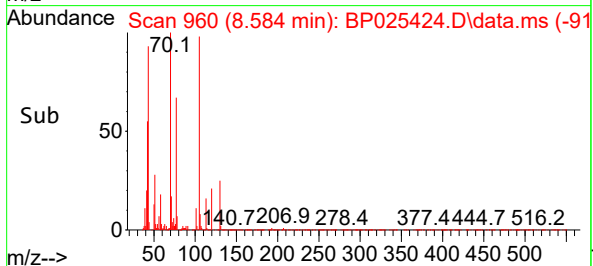
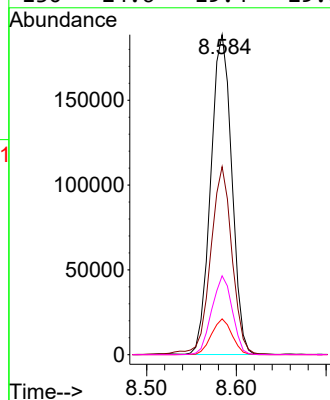
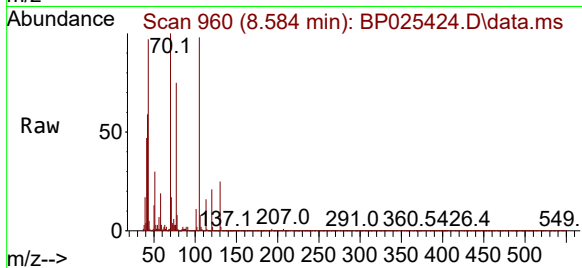
130 24.6 19.4 29.0

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Supervised By :Jagrut Upadhyay 08/18/2025



#20

3+4-Methylphenols

Concen: 38.831 ng

RT: 8.543 min Scan# 953

Delta R.T. -0.006 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

Tgt Ion:107 Resp: 514736

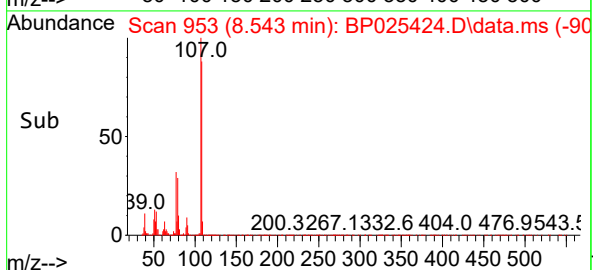
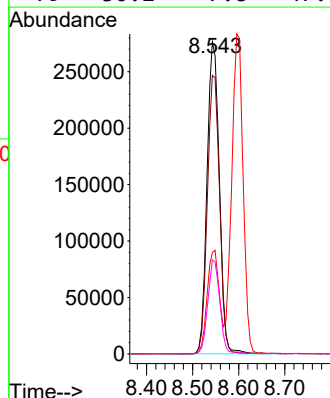
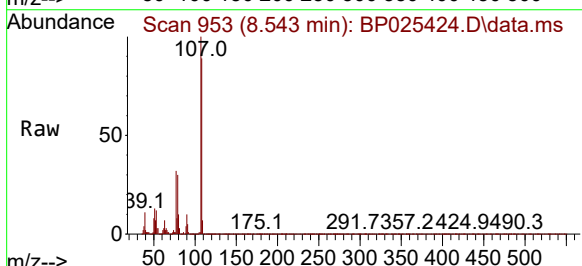
Ion Ratio Lower Upper

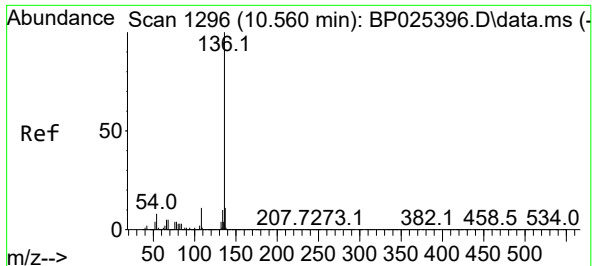
107 100

108 89.3 66.3 106.3

77 32.5 12.3 52.3

79 30.2 7.8 47.8





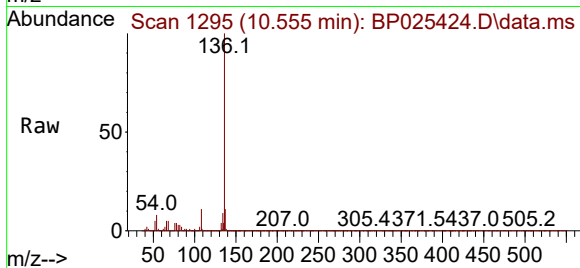
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Instrument :

BNA_P

ClientSampleId :

PB169230BS



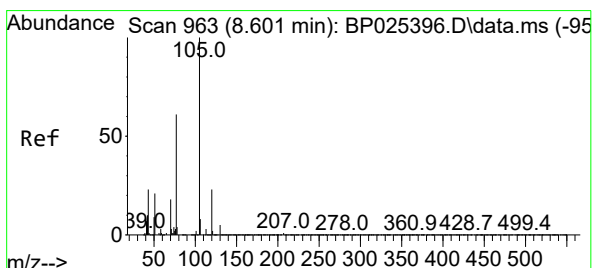
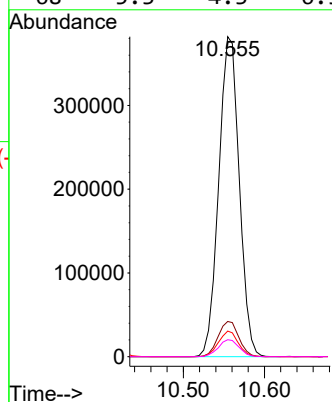
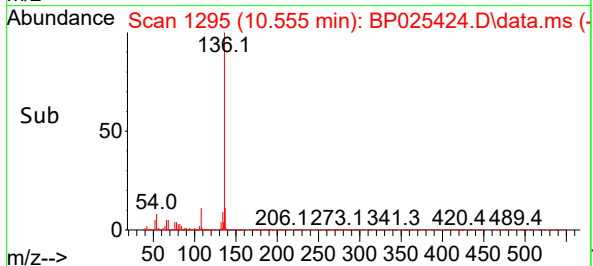
Tgt Ion:136 Resp: 670319
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 8.0 6.0 9.0
68 5.3 4.3 6.5

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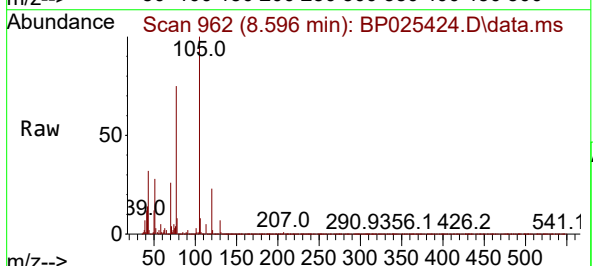
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Reviewed By :Rahul Chavli 08/18/2025

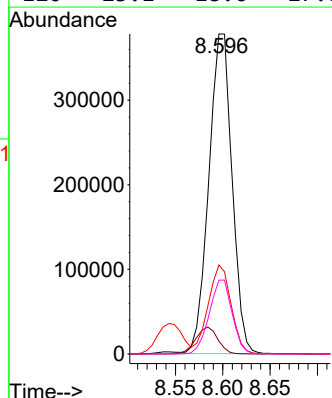
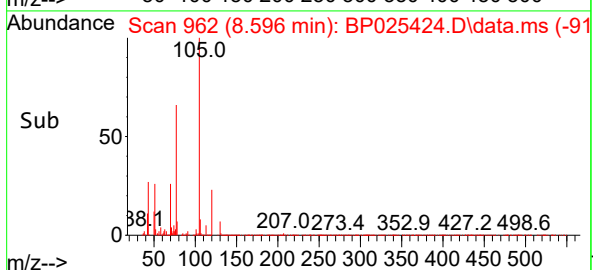
Supervised By :Jagrut Upadhyay 08/18/2025

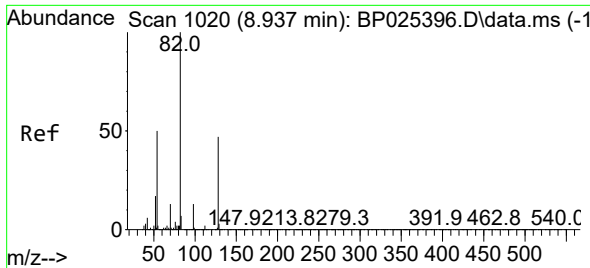


#22
Acetophenone
Concen: 38.428 ng
RT: 8.596 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59



Tgt Ion:105 Resp: 645991
Ion Ratio Lower Upper
105 100
71 4.0 2.6 4.0#
51 27.8 20.6 30.8
120 23.1 18.6 27.8





#23

Nitrobenzene-d5

Concen: 69.619 ng

RT: 8.931 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP025424.D

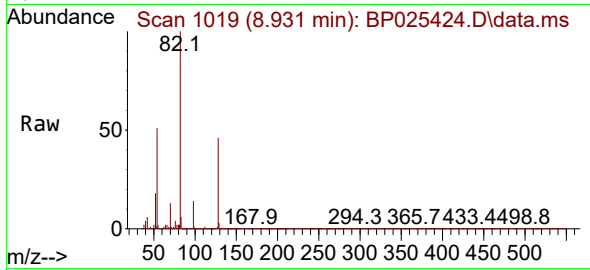
Acq: 15 Aug 2025 11:59

Instrument :

BNA_P

ClientSampleId :

PB169230BS



Tgt Ion: 82 Resp: 92254

Ion Ratio Lower Upper

82 100

128 45.7 37.7 56.5

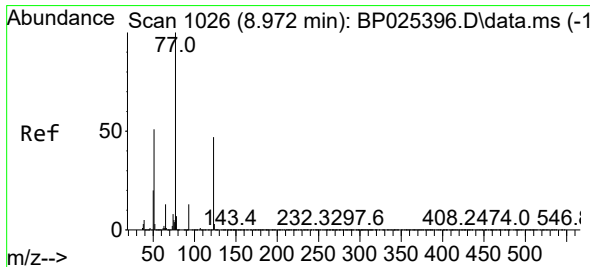
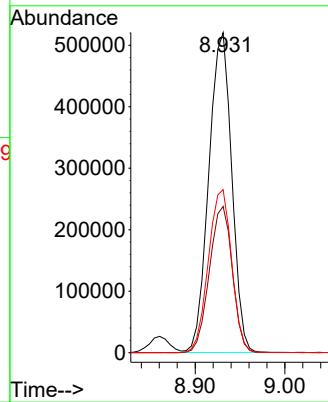
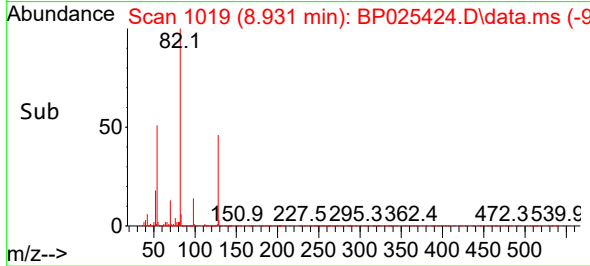
54 50.9 39.8 59.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#24

Nitrobenzene

Concen: 39.722 ng

RT: 8.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

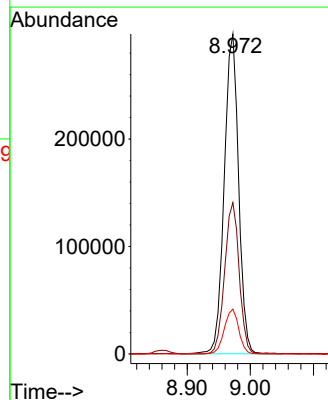
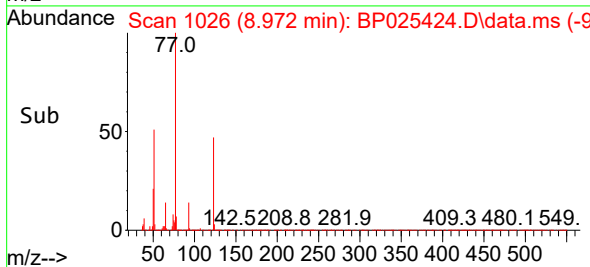
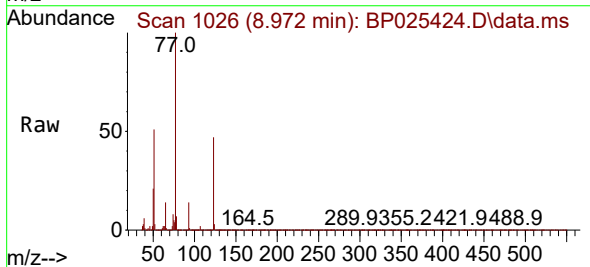
Tgt Ion: 77 Resp: 470422

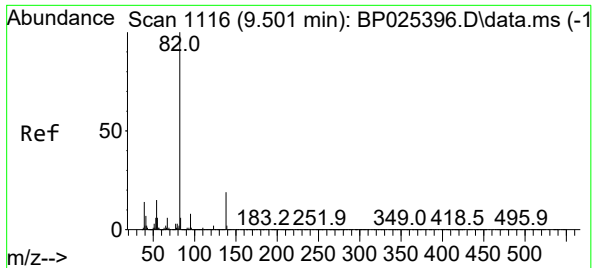
Ion Ratio Lower Upper

77 100

123 47.3 38.6 58.0

65 14.0 10.6 15.8





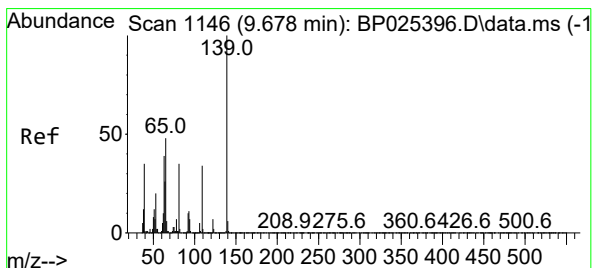
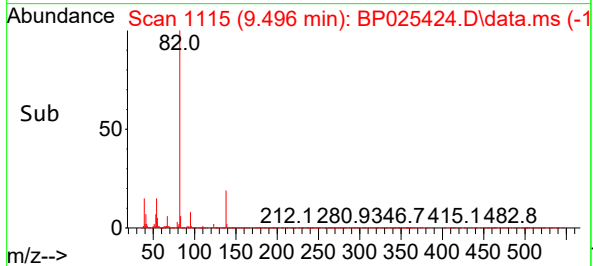
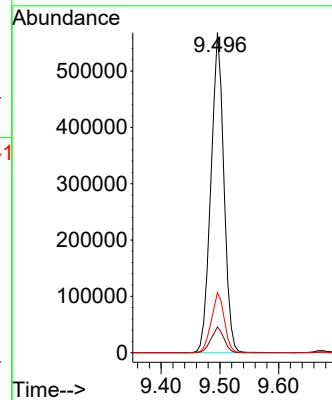
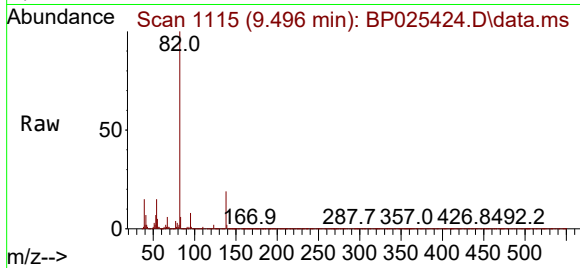
#25
Isophorone
Concen: 36.989 ng
RT: 9.496 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Instrument :
BNA_P
ClientSampleId :
PB169230BS

Tgt Ion: 82 Resp: 86744
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 18.7 15.4 23.0

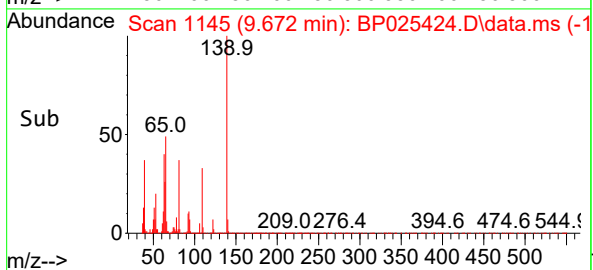
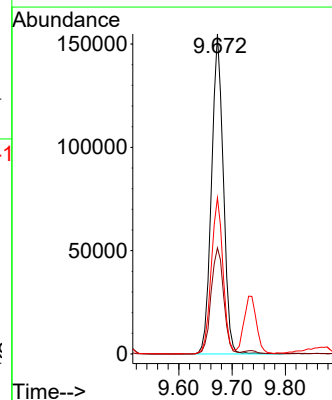
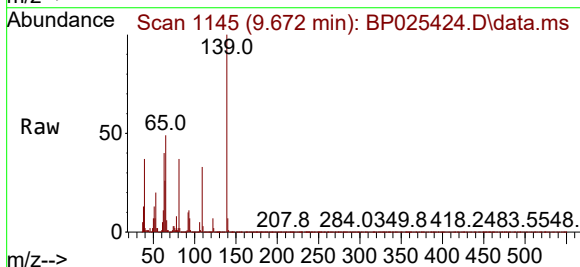
Manual Integrations
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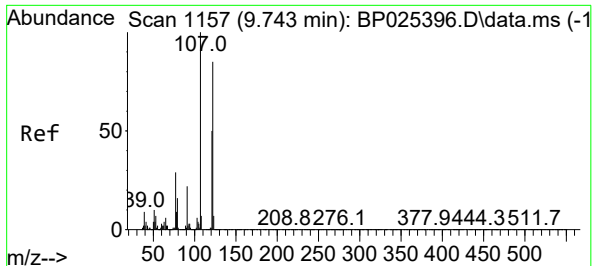
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#26
2-Nitrophenol
Concen: 39.160 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:139 Resp: 238004
Ion Ratio Lower Upper
139 100
109 33.2 26.9 40.3
65 48.8 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 40.790 ng

RT: 9.737 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP025424.D

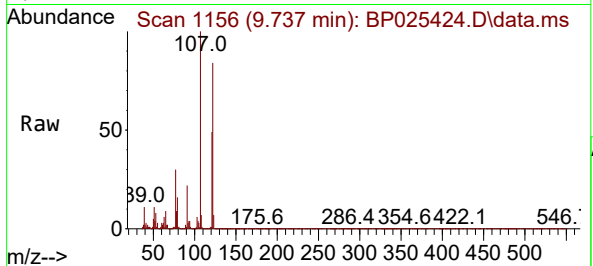
Acq: 15 Aug 2025 11:59

Instrument :

BNA_P

ClientSampleId :

PB169230BS



Tgt Ion:122 Resp: 426335

Ion Ratio Lower Upper

122 100

107 119.6 93.7 140.5

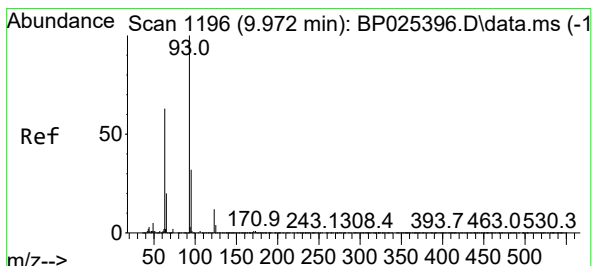
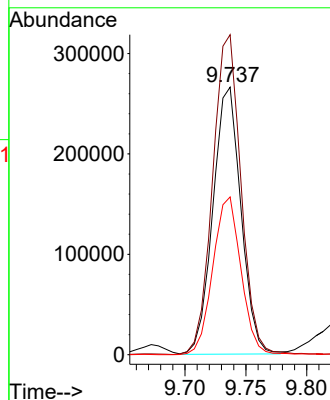
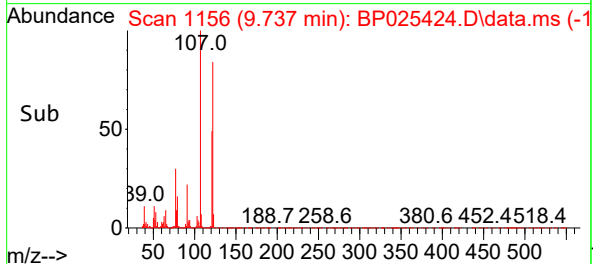
121 59.0 46.6 69.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#28

bis(2-Chloroethoxy)methane

Concen: 37.610 ng

RT: 9.966 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

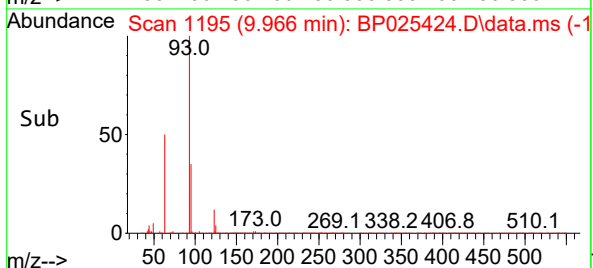
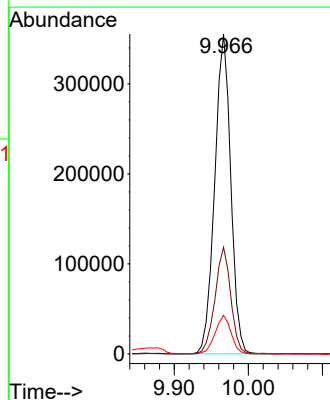
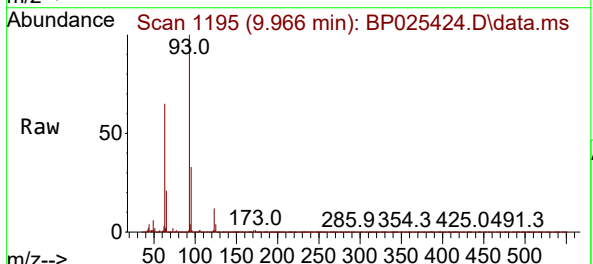
Tgt Ion: 93 Resp: 533145

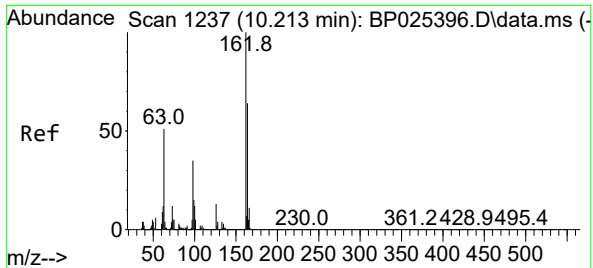
Ion Ratio Lower Upper

93 100

95 33.4 25.4 38.0

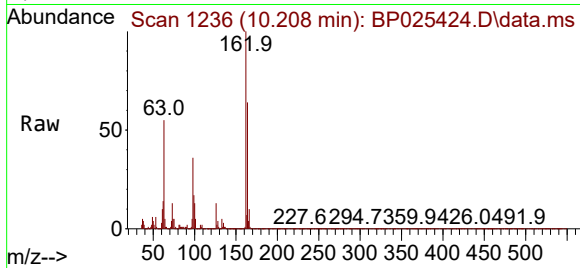
123 12.0 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 41.501 ng
RT: 10.208 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

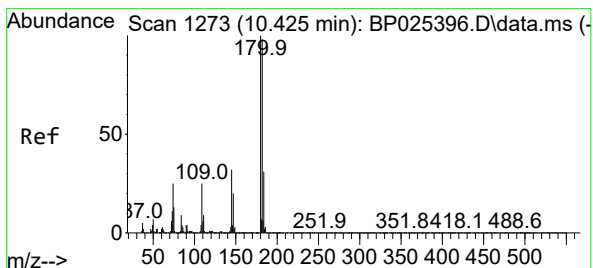
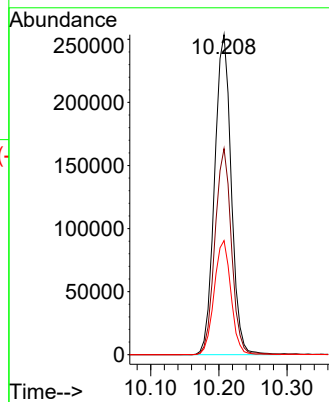
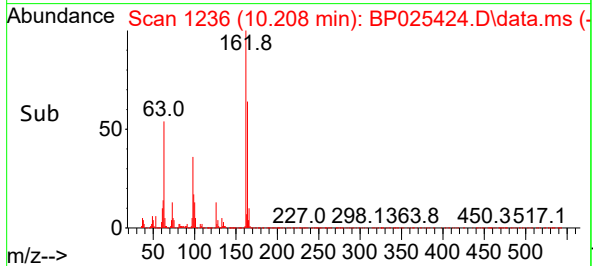
Instrument :
BNA_P
ClientSampleId :
PB169230BS



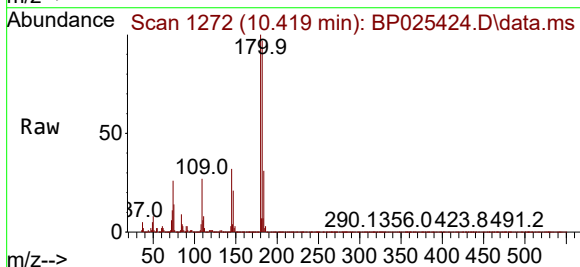
Tgt Ion:162 Resp: 430899
Ion Ratio Lower Upper
162 100
164 64.4 44.4 84.4
98 35.7 14.9 54.9

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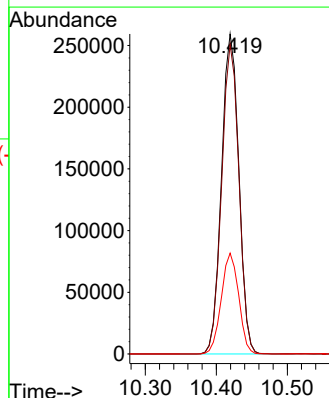
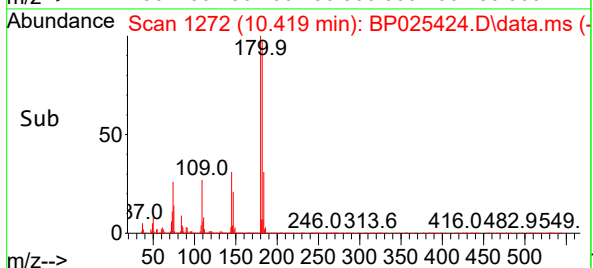
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

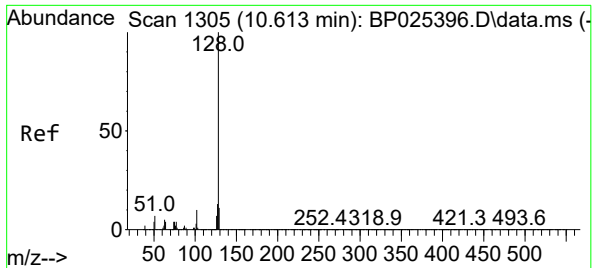


#30
1,2,4-Trichlorobenzene
Concen: 38.606 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59



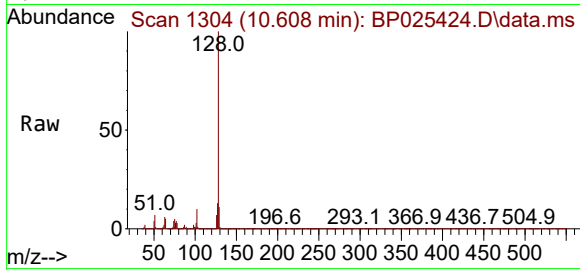
Tgt Ion:180 Resp: 439417
Ion Ratio Lower Upper
180 100
182 96.7 78.0 117.0
145 31.5 25.9 38.9





#31
Naphthalene
Concen: 38.560 ng
RT: 10.608 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

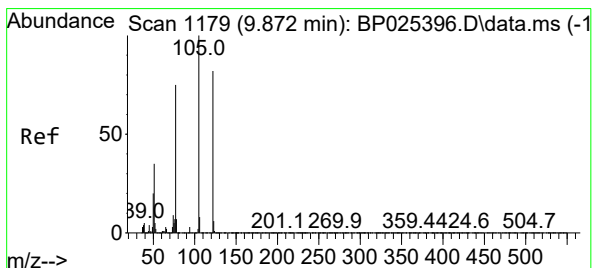
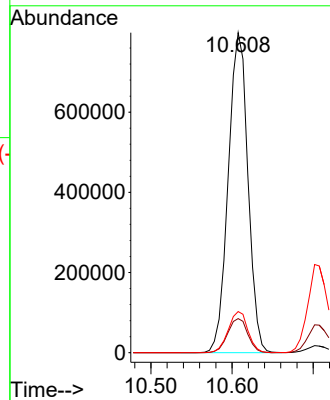
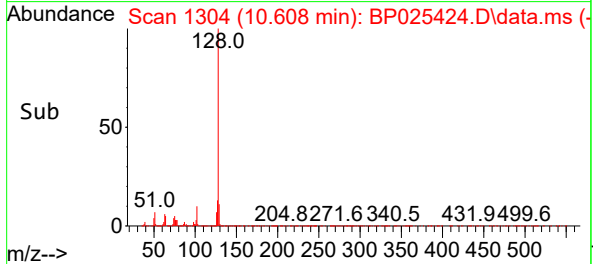
Instrument :
BNA_P
ClientSampleId :
PB169230BS



Tgt Ion:128 Resp: 134345
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.9 10.7 16.1

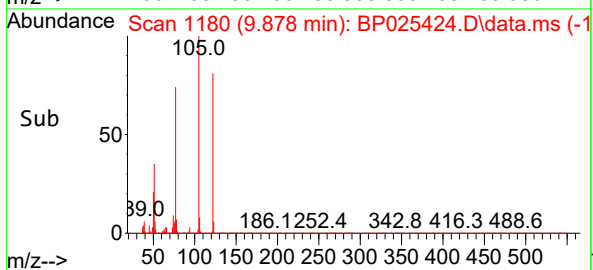
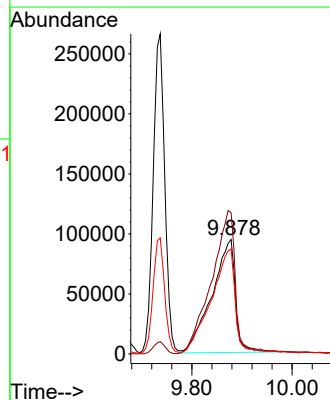
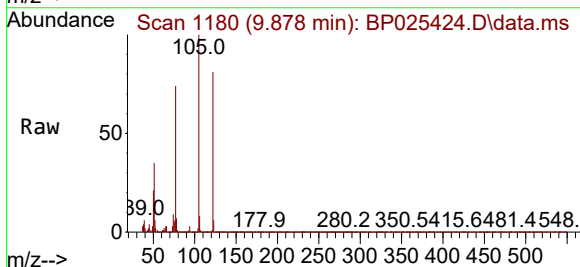
Manual Integrations
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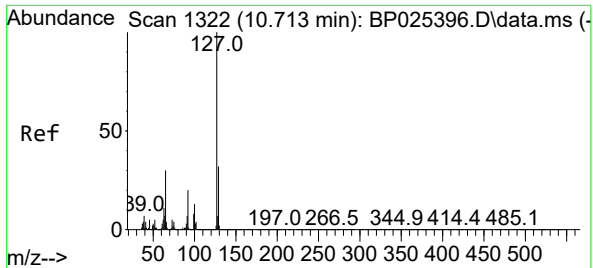
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#32
Benzoic acid
Concen: 39.703 ng
RT: 9.878 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:122 Resp: 306370
Ion Ratio Lower Upper
122 100
105 123.6 100.6 140.6
77 91.9 71.5 111.5





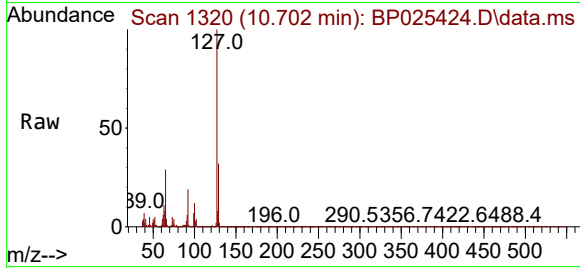
#33
4-Chloroaniline
Concen: 25.043 ng
RT: 10.702 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Instrument :

BNA_P

ClientSampleId :

PB169230BS



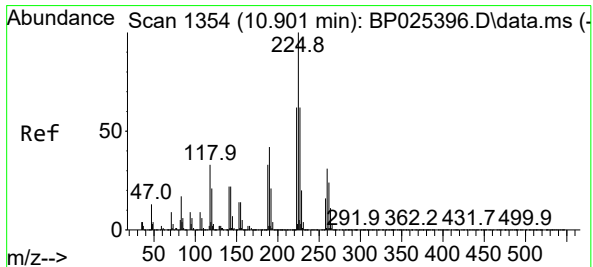
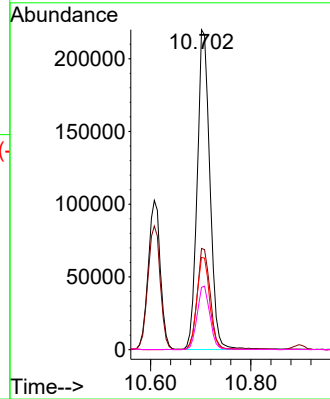
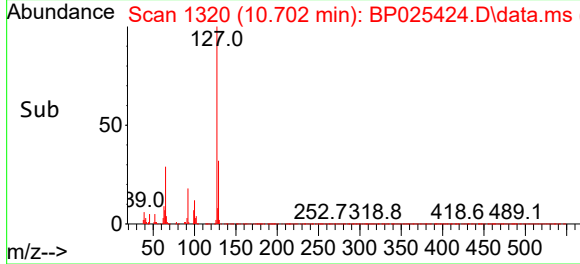
Tgt Ion:127 Resp: 385400
Ion Ratio Lower Upper
127 100
129 31.6 25.4 38.2
65 28.8 23.8 35.6
92 19.5 15.8 23.8

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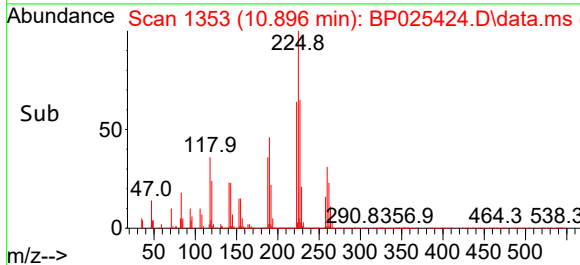
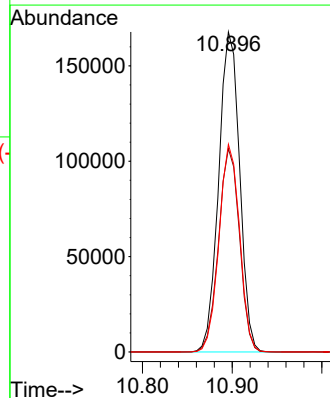
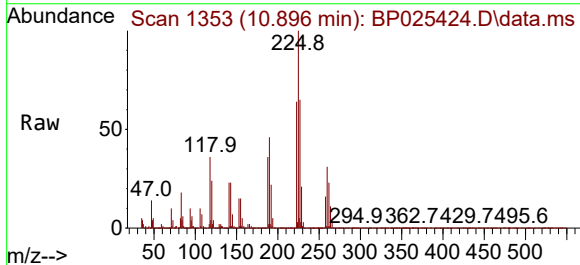
Reviewed By :Rahul Chavli 08/18/2025

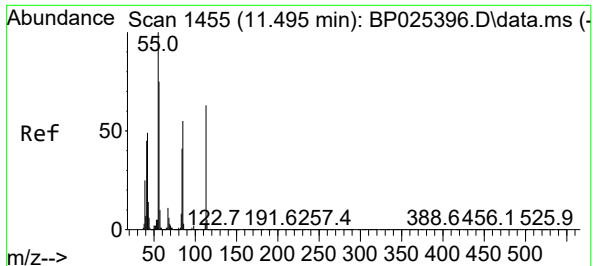
Supervised By :Jagrut Upadhyay 08/18/2025



#34
Hexachlorobutadiene
Concen: 38.391 ng
RT: 10.896 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

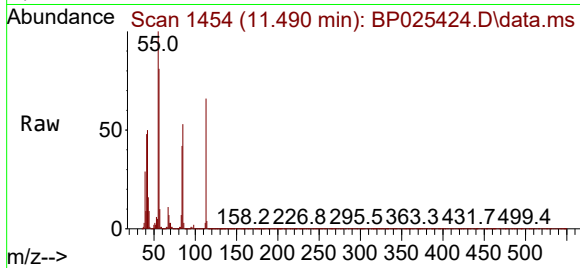
Tgt Ion:225 Resp: 272129
Ion Ratio Lower Upper
225 100
223 63.5 50.0 75.0
227 64.9 49.7 74.5





#35
Caprolactam
Concen: 38.511 ng
RT: 11.490 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

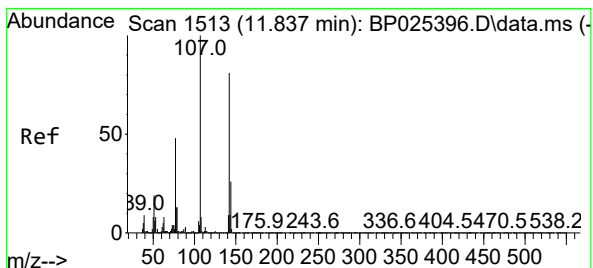
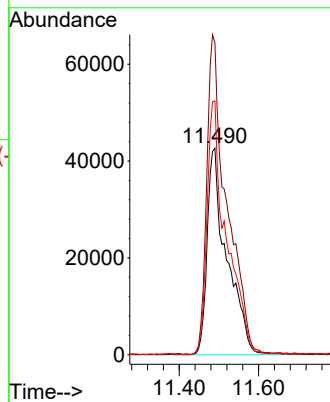
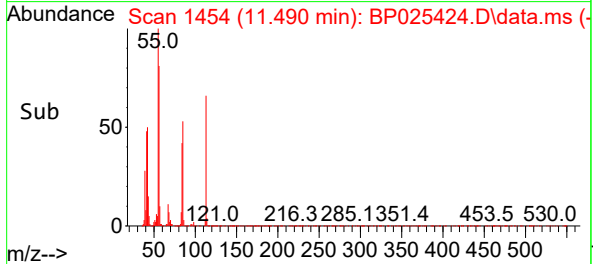
Instrument :
BNA_P
ClientSampleId :
PB169230BS



Tgt Ion:113 Resp: 14662
Ion Ratio Lower Upper
113 100
55 151.2 140.0 180.0
56 122.9 100.0 140.0

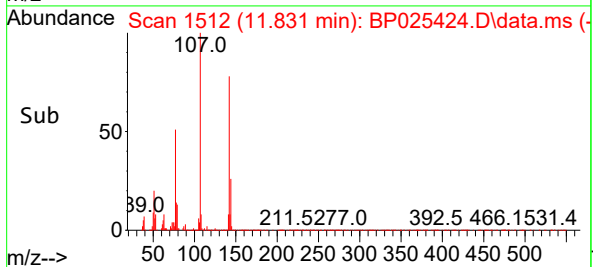
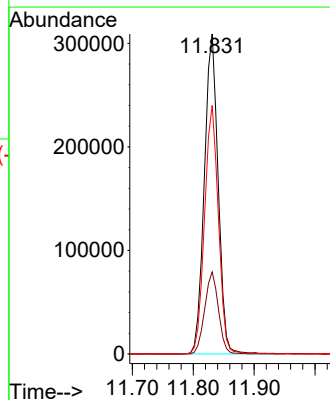
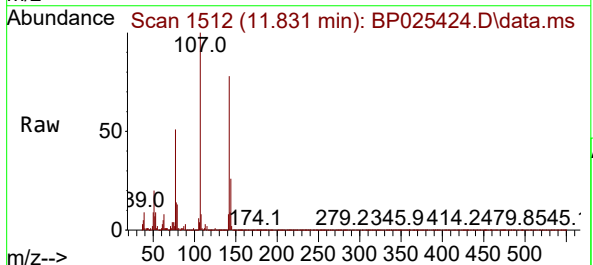
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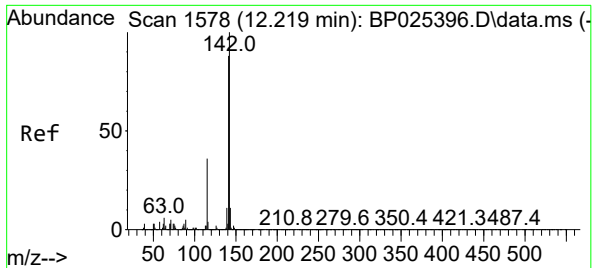
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#36
4-Chloro-3-methylphenol
Concen: 40.832 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

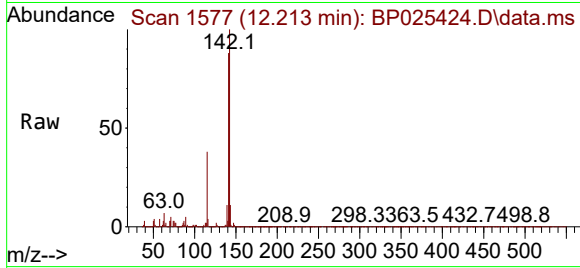
Tgt Ion:107 Resp: 486472
Ion Ratio Lower Upper
107 100
144 25.7 21.0 31.4
142 77.6 64.6 97.0





#37
2-Methylnaphthalene
Concen: 38.128 ng
RT: 12.213 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

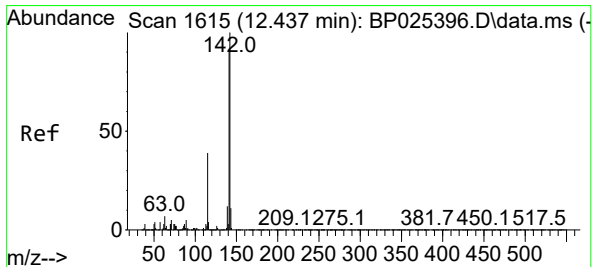
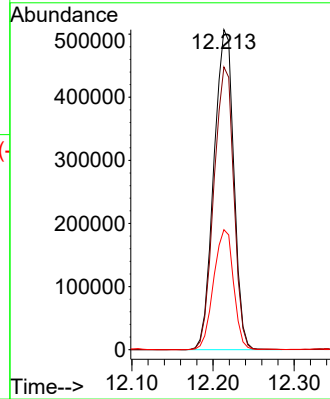
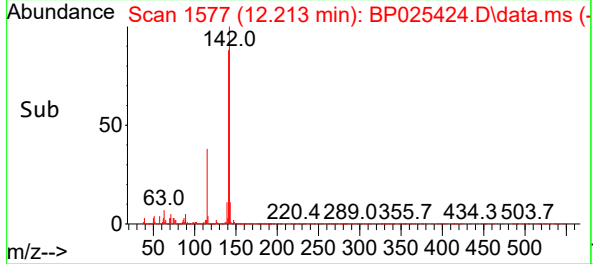
Instrument :
BNA_P
ClientSampleId :
PB169230BS



Tgt Ion:142 Resp: 864478
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5
115 37.5 28.9 43.3

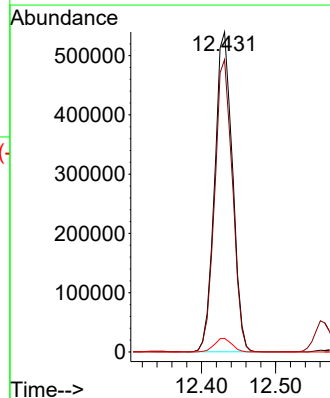
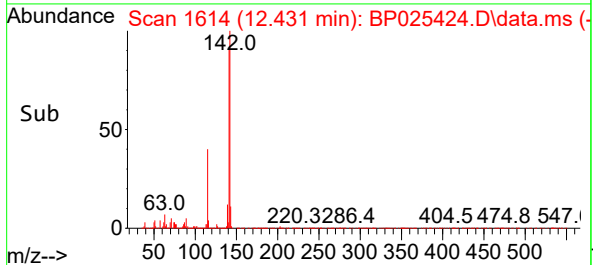
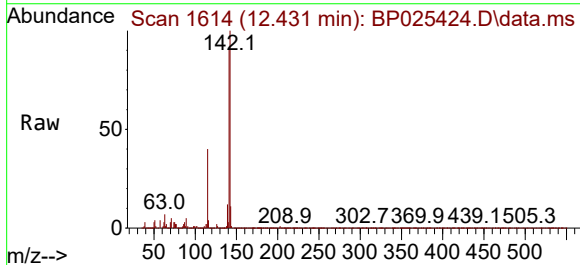
Manual Integrations
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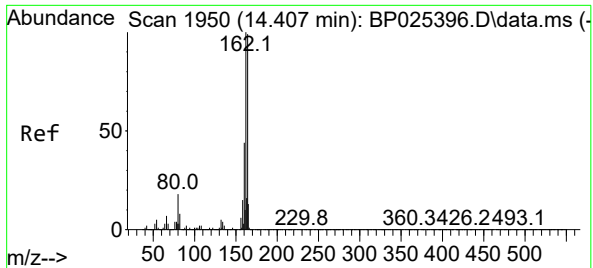
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#38
1-Methylnaphthalene
Concen: 37.251 ng
RT: 12.431 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:142 Resp: 898180
Ion Ratio Lower Upper
142 100
141 91.3 73.1 109.7
116 4.3 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.396 min Scan# 1950

Delta R.T. -0.012 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

Instrument :

BNA_P

ClientSampleId :

PB169230BS

Tgt Ion:164 Resp: 424018

Ion Ratio Lower Upper

164 100

162 101.5 81.0 121.6

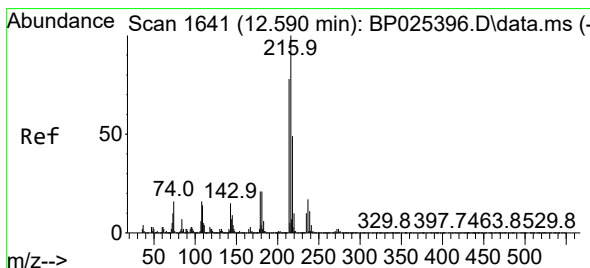
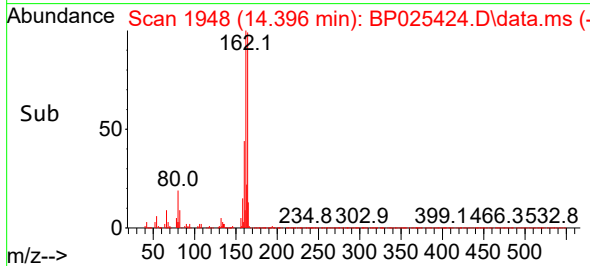
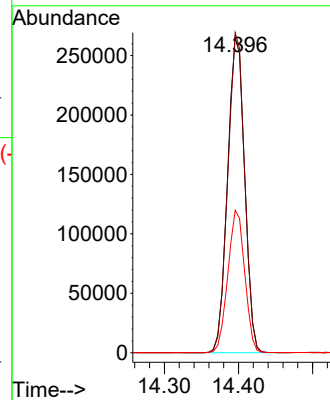
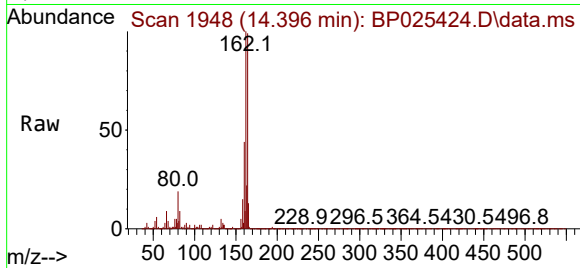
160 45.2 35.4 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.457 ng

RT: 12.578 min Scan# 1639

Delta R.T. -0.012 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

Tgt Ion:216 Resp: 483197

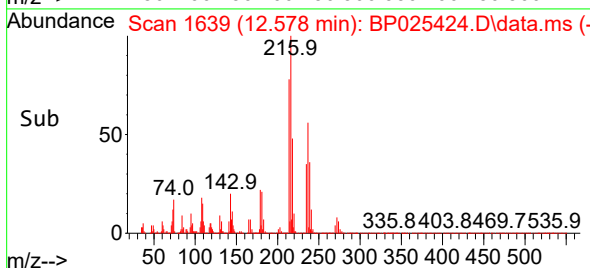
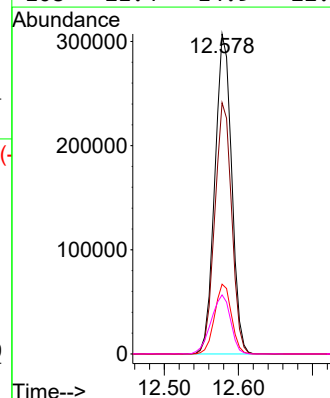
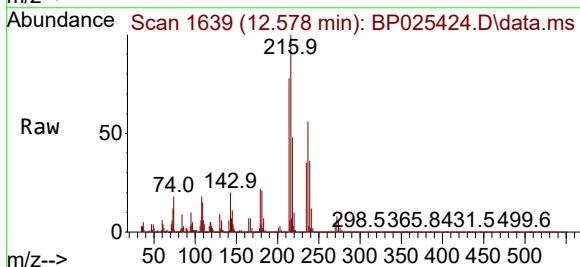
Ion Ratio Lower Upper

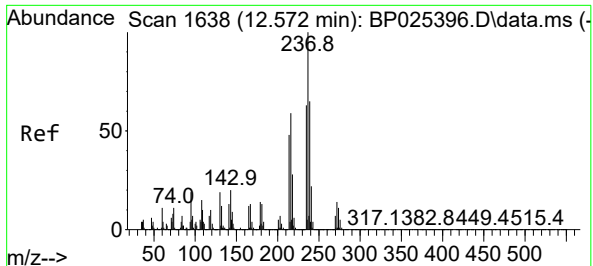
216 100

214 79.0 63.0 94.4

179 21.9 17.1 25.7

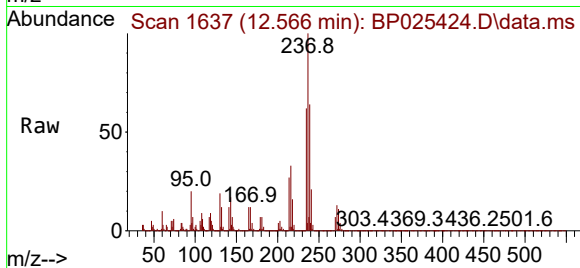
108 21.4 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 86.005 ng
RT: 12.566 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

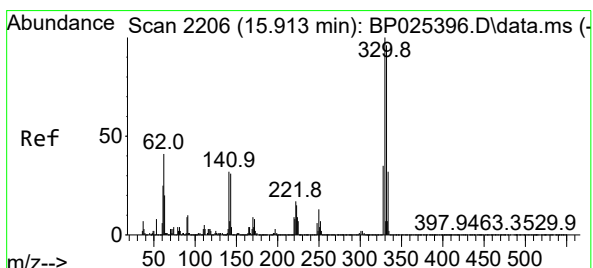
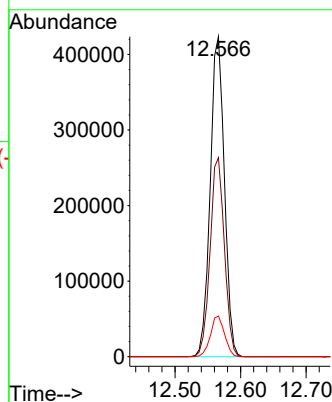
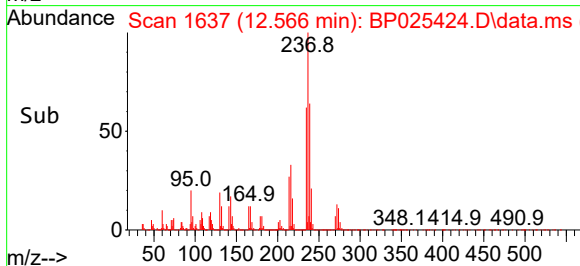
Instrument :
BNA_P
ClientSampleId :
PB169230BS



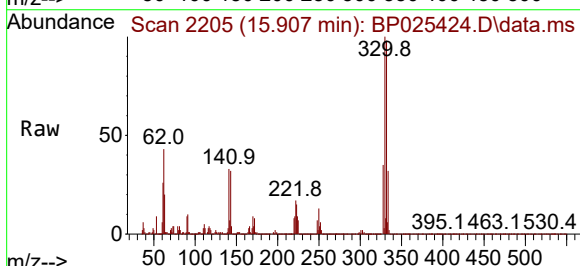
Tgt Ion: 237 Resp: 63619
Ion Ratio Lower Upper
237 100
235 62.2 42.7 82.7
272 12.7 0.0 34.0

Manual Integrations
APPROVED

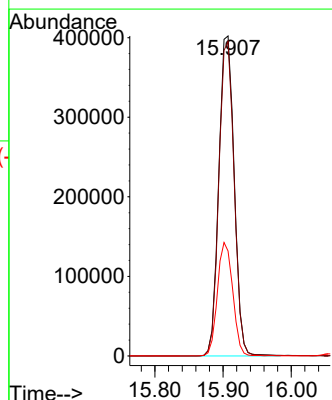
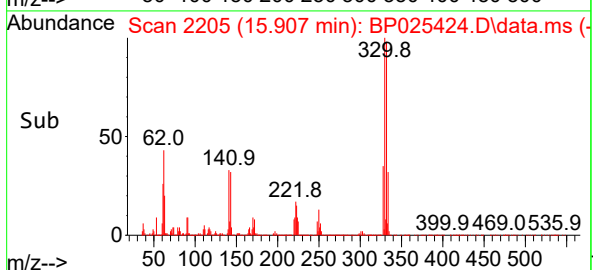
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

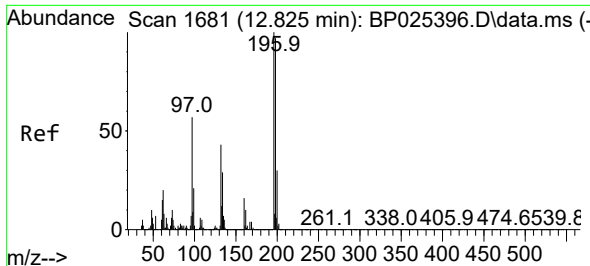


#42
2,4,6-Tribromophenol
Concen: 110.863 ng
RT: 15.907 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59



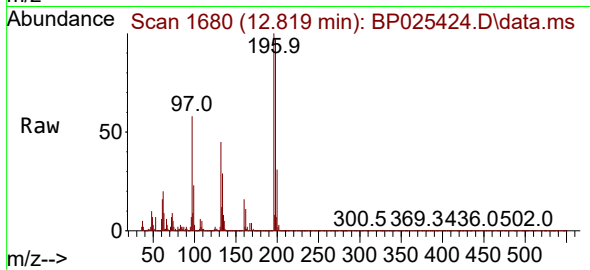
Tgt Ion: 330 Resp: 632733
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 35.4 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 41.596 ng
RT: 12.819 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

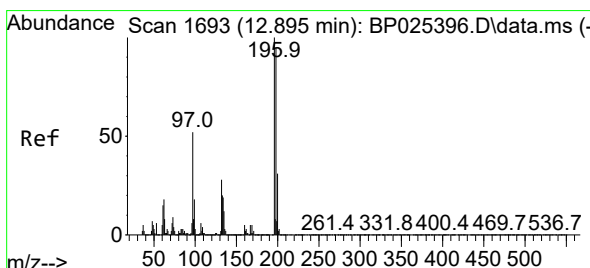
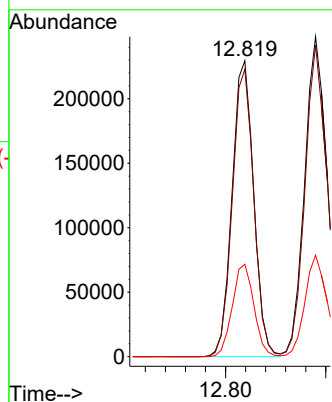
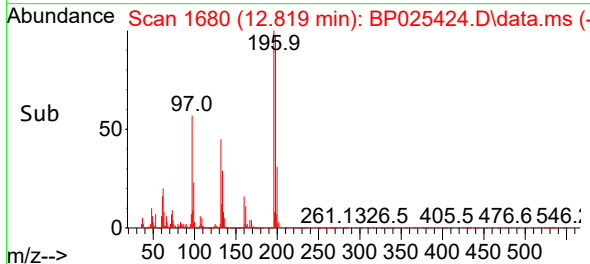
Instrument :
BNA_P
ClientSampleId :
PB169230BS



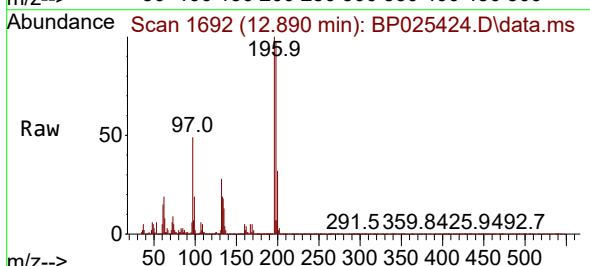
Tgt Ion:196 Resp: 34389
Ion Ratio Lower Upper
196 100
198 97.1 77.2 115.8
200 31.3 23.9 35.9

Manual Integrations
APPROVED

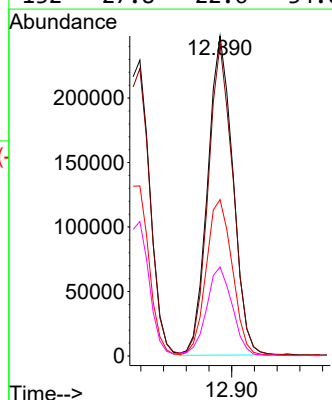
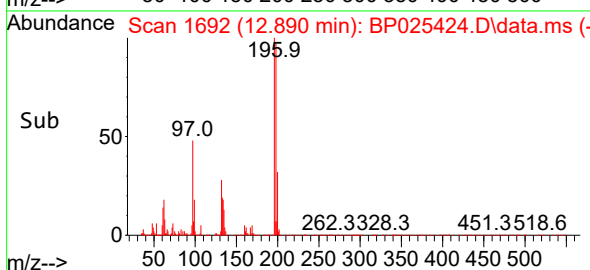
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

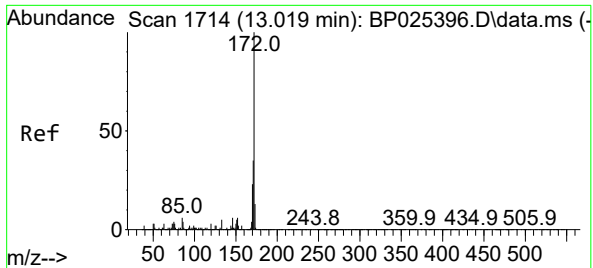


#44
2,4,5-Trichlorophenol
Concen: 42.128 ng
RT: 12.890 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59



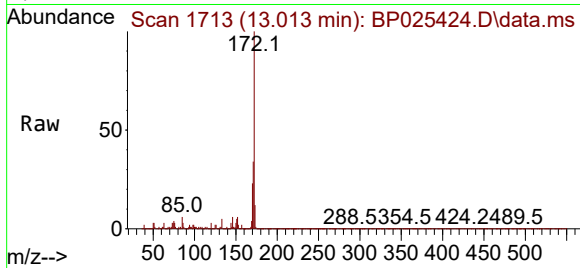
Tgt Ion:196 Resp: 381721
Ion Ratio Lower Upper
196 100
198 97.4 76.2 114.2
97 48.8 41.2 61.8
132 27.8 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 68.614 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

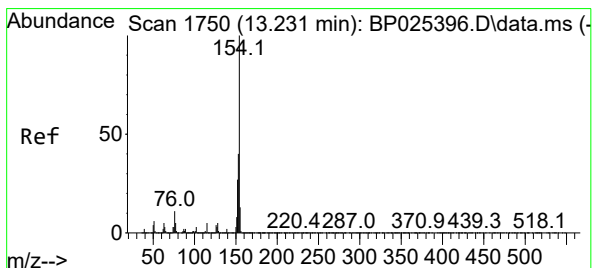
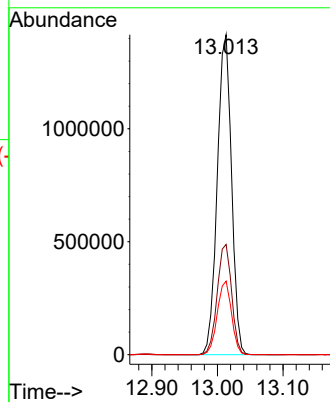
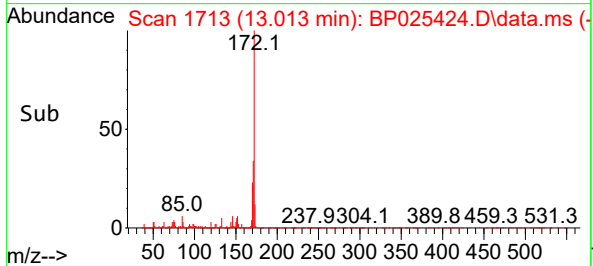
Instrument :
BNA_P
ClientSampleId :
PB169230BS



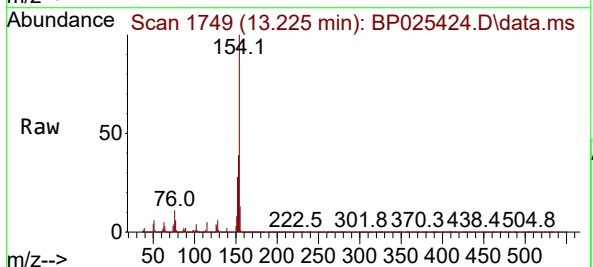
Tgt Ion:172 Resp: 2128772
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.0 18.6 28.0

Manual Integrations
APPROVED

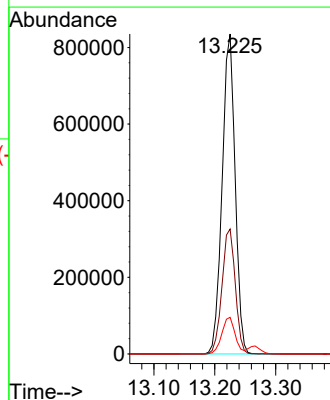
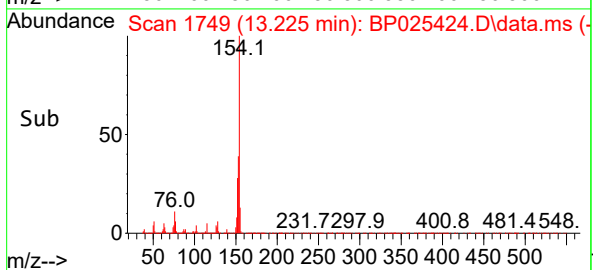
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

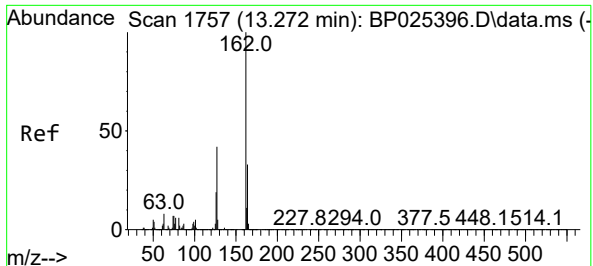


#46
1,1'-Biphenyl
Concen: 40.134 ng
RT: 13.225 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59



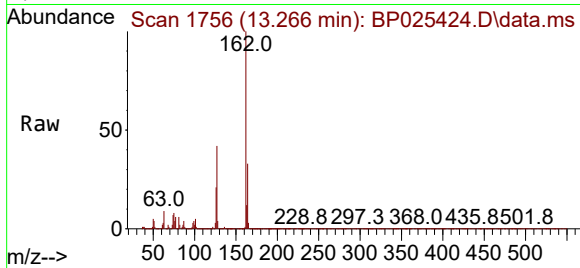
Tgt Ion:154 Resp: 1235911
Ion Ratio Lower Upper
154 100
153 39.0 19.5 59.5
76 11.5 0.0 31.1





#47
2-Chloronaphthalene
Concen: 39.620 ng
RT: 13.266 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

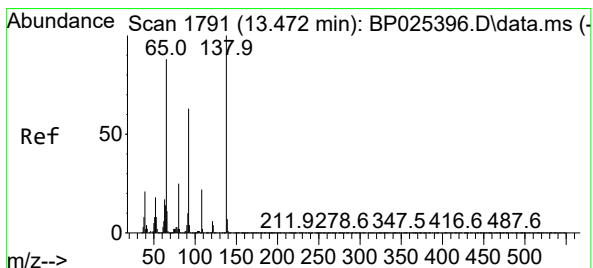
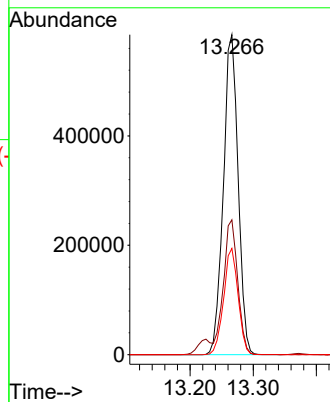
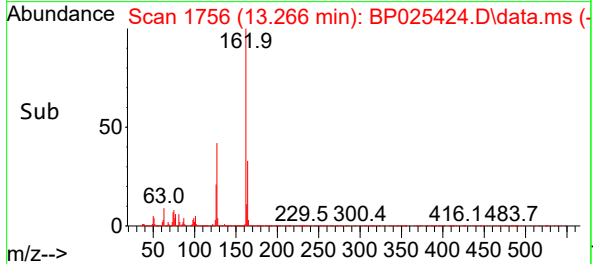
Instrument :
BNA_P
ClientSampleId :
PB169230BS



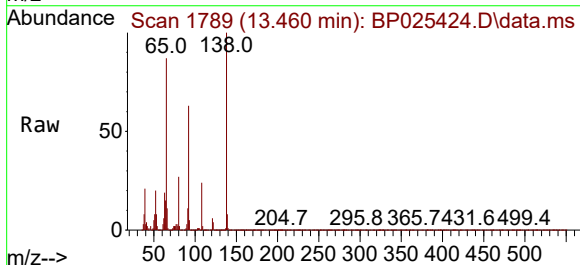
Tgt Ion: 162 Resp: 94983
Ion Ratio Lower Upper
162 100
127 42.2 33.4 50.2
164 33.2 26.2 39.2

Manual Integrations
APPROVED

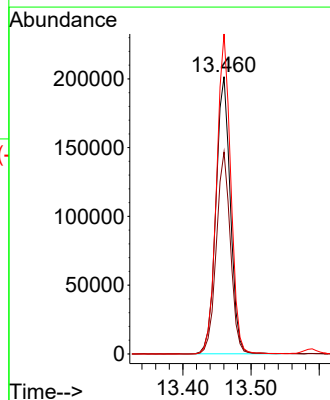
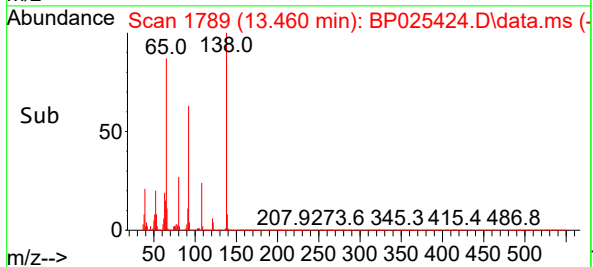
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

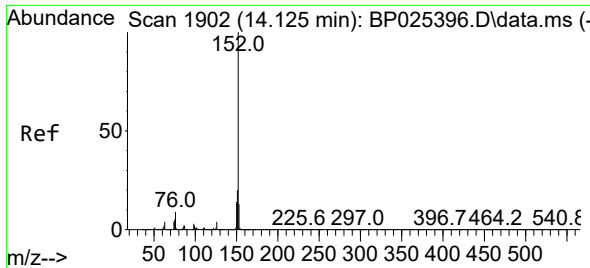


#48
2-Nitroaniline
Concen: 42.432 ng
RT: 13.460 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59



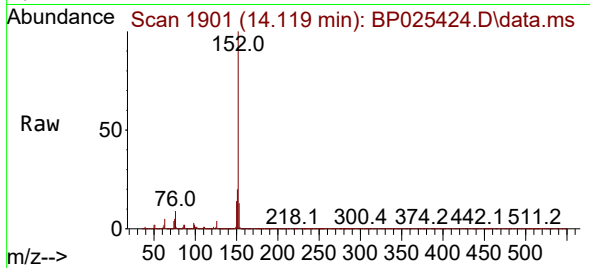
Tgt Ion: 65 Resp: 296397
Ion Ratio Lower Upper
65 100
92 72.8 57.6 86.4
138 115.4 91.0 136.6





#49
Acenaphthylene
Concen: 39.531 ng
RT: 14.119 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

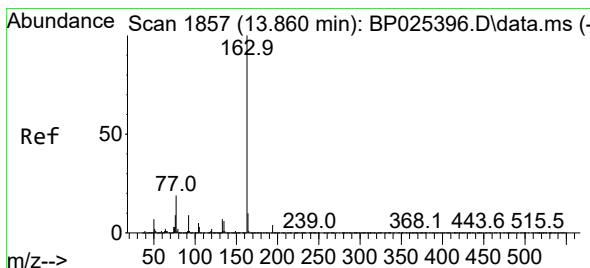
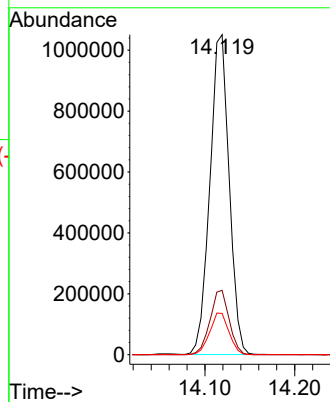
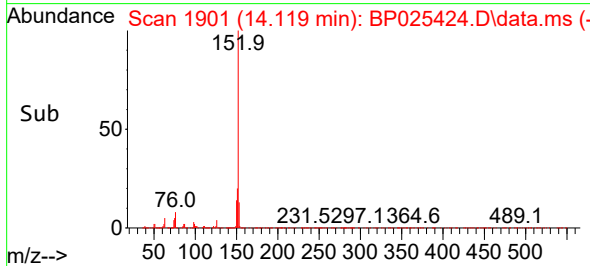
Instrument :
BNA_P
ClientSampleId :
PB169230BS



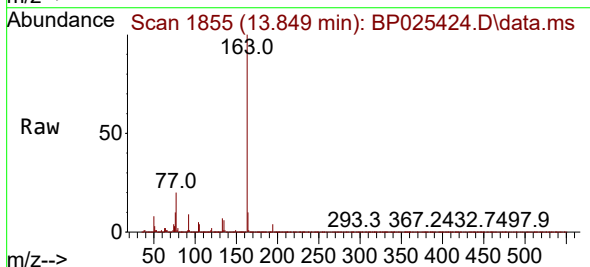
Tgt Ion:152 Resp: 1568169
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 12.9 10.6 15.8

Manual Integrations
APPROVED

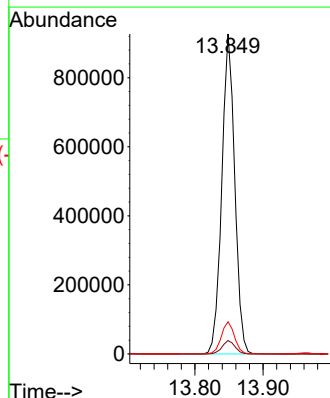
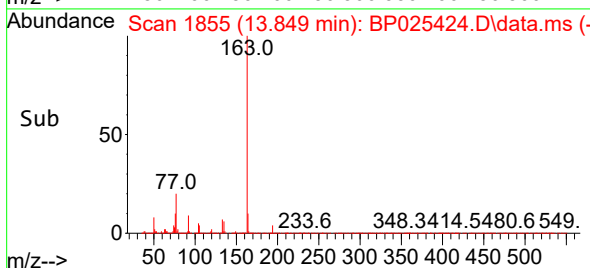
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

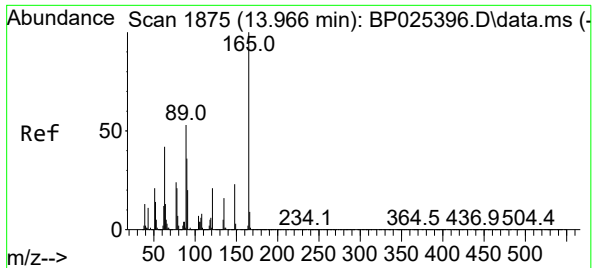


#50
Dimethylphthalate
Concen: 39.412 ng
RT: 13.849 min Scan# 1855
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59



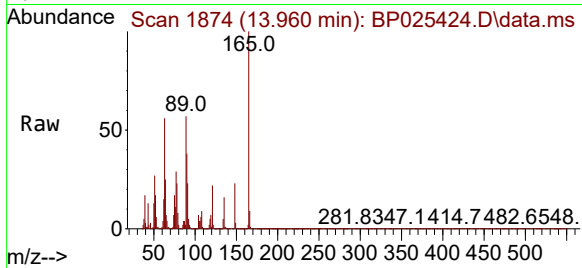
Tgt Ion:163 Resp: 1223759
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.0 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 41.309 ng
RT: 13.960 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

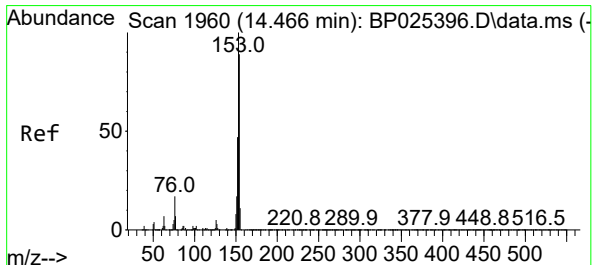
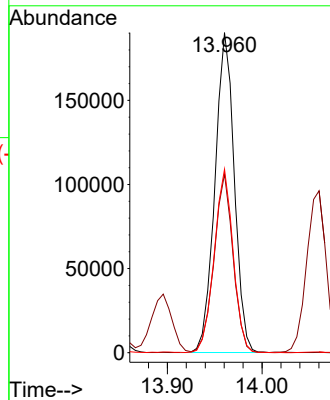
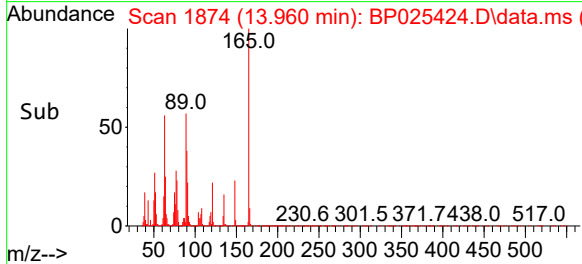
Instrument :
BNA_P
ClientSampleId :
PB169230BS



Tgt Ion:165 Resp: 270344
Ion Ratio Lower Upper
165 100
63 55.9 40.9 61.3
89 57.4 42.1 63.1

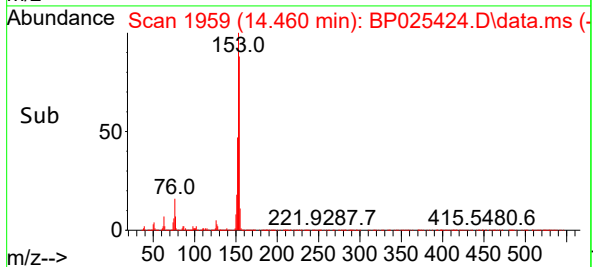
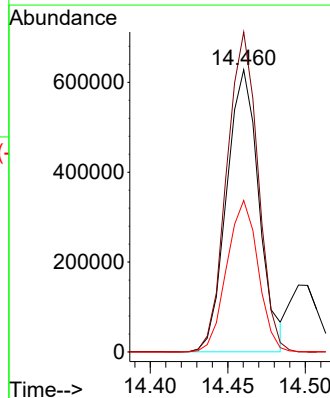
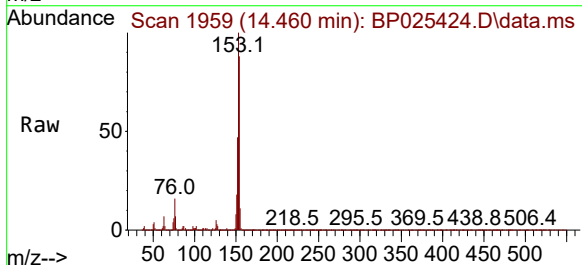
Manual Integrations
APPROVED

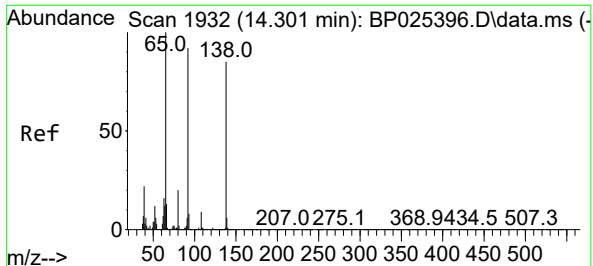
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#52
Acenaphthene
Concen: 39.134 ng
RT: 14.460 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

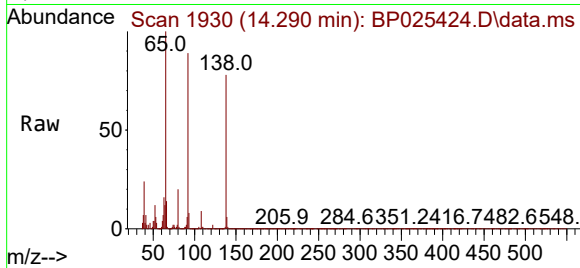
Tgt Ion:154 Resp: 911236
Ion Ratio Lower Upper
154 100
153 113.4 90.2 135.2
152 53.7 42.1 63.1





#53
3-Nitroaniline
Concen: 30.416 ng
RT: 14.290 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

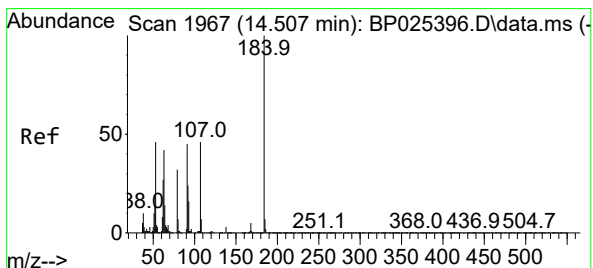
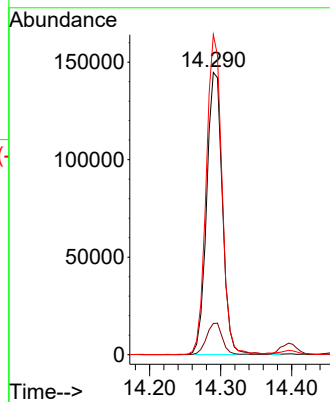
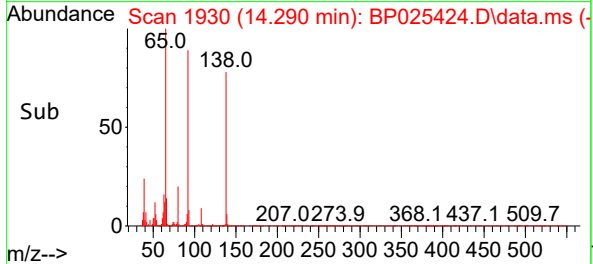
Instrument :
BNA_P
ClientSampleId :
PB169230BS



Tgt Ion:138 Resp: 223962
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 113.4 86.2 129.2

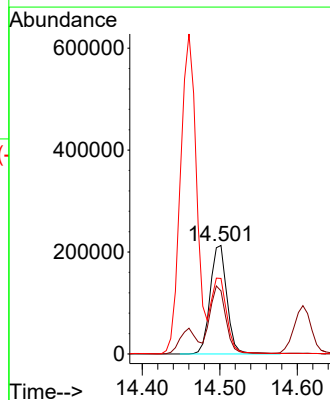
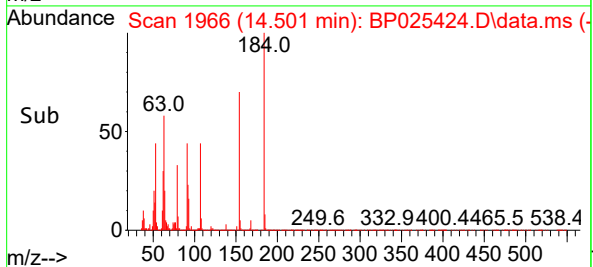
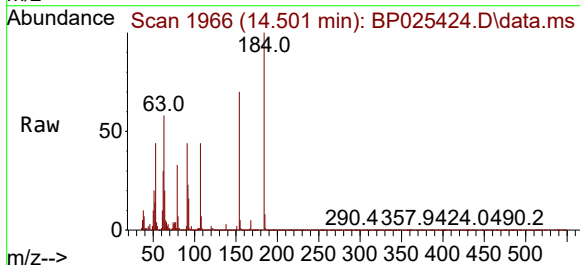
Manual Integrations
APPROVED

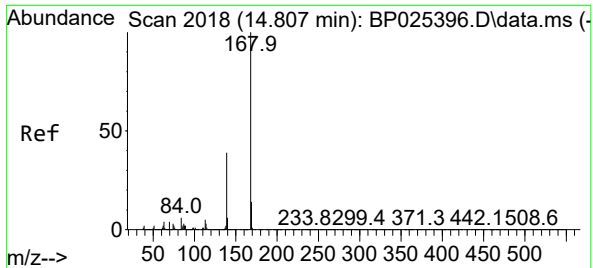
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#54
2,4-Dinitrophenol
Concen: 91.387 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

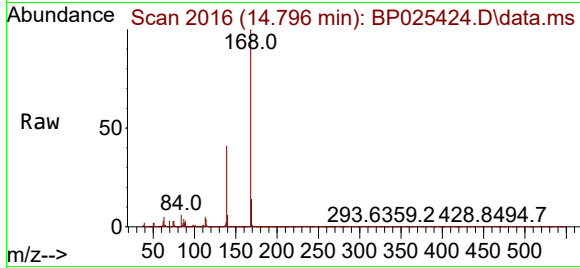
Tgt Ion:184 Resp: 319395
Ion Ratio Lower Upper
184 100
63 58.2 49.4 74.2
154 69.6 54.6 82.0





#55
Dibenzenofuran
Concen: 38.997 ng
RT: 14.796 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

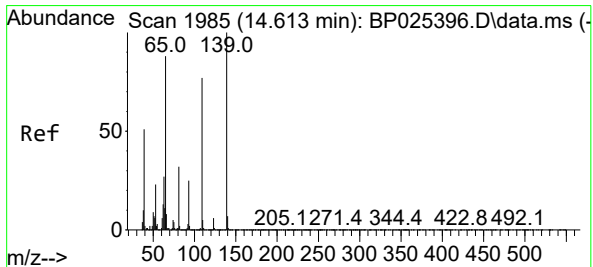
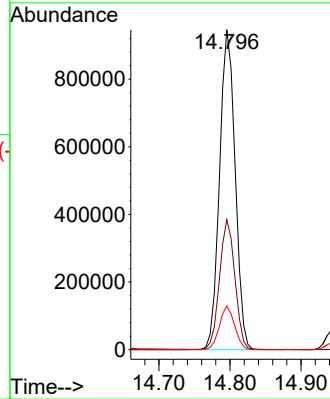
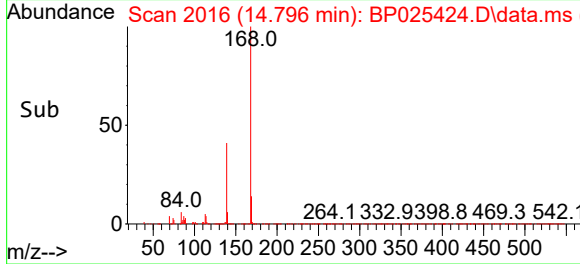
Instrument :
BNA_P
ClientSampleId :
PB169230BS



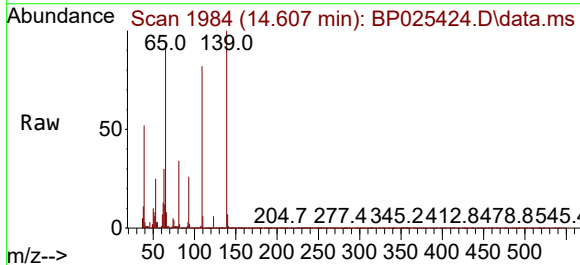
Tgt Ion:168 Resp: 143562
Ion Ratio Lower Upper
168 100
139 40.6 31.5 47.3
169 13.6 10.9 16.3

Manual Integrations
APPROVED

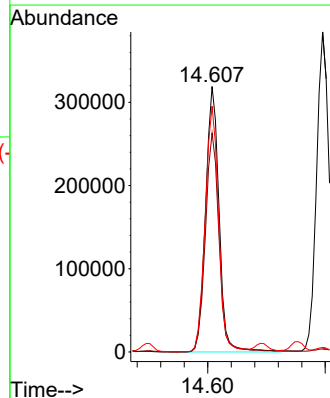
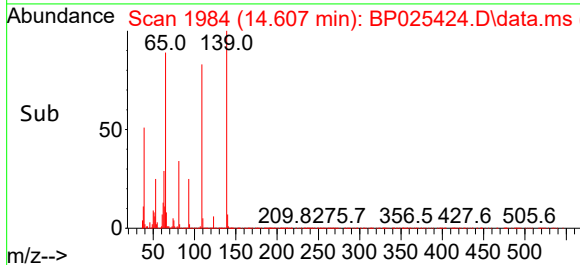
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

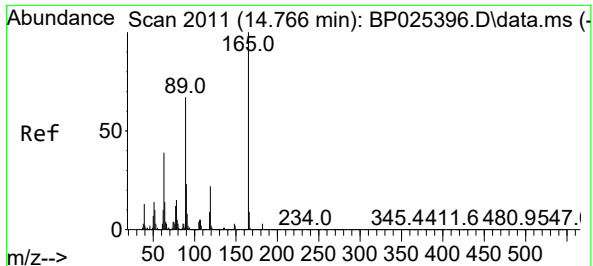


#56
4-Nitrophenol
Concen: 84.213 ng
RT: 14.607 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59



Tgt Ion:139 Resp: 509537
Ion Ratio Lower Upper
139 100
109 82.5 56.6 96.6
65 92.6 68.2 108.2





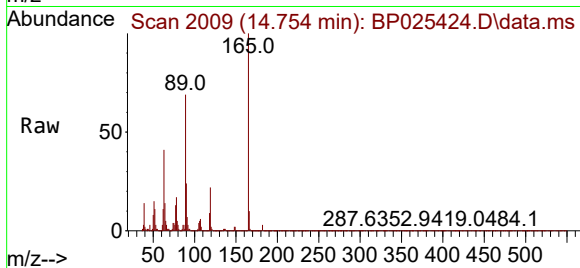
#57
2,4-Dinitrotoluene
Concen: 41.677 ng
RT: 14.754 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Instrument :

BNA_P

ClientSampleId :

PB169230BS

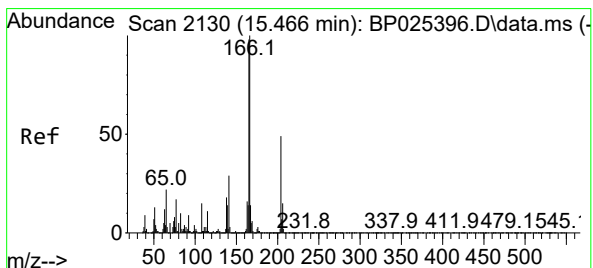
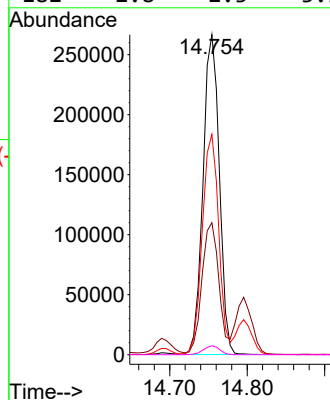
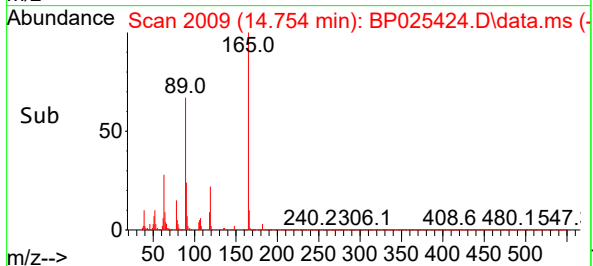


Tgt Ion:165 Resp: 38915
Ion Ratio Lower Upper
165 100
63 41.3 31.4 47.2
89 68.9 53.3 79.9
182 2.8 2.3 3.5

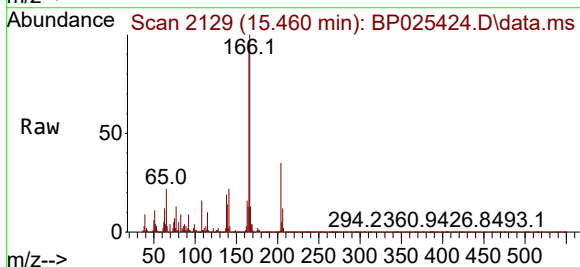
Manual Integrations

APPROVED

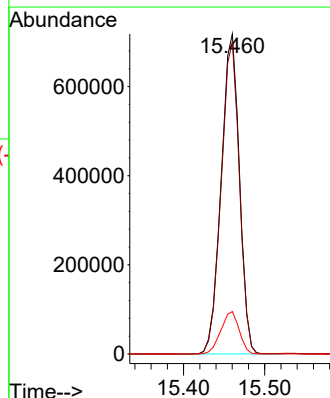
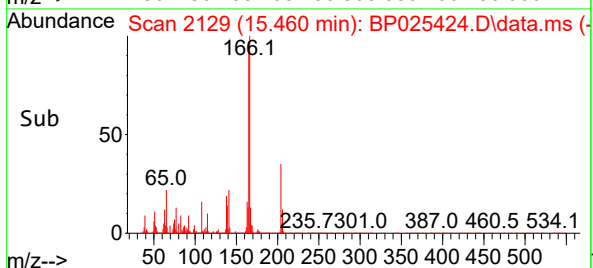
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

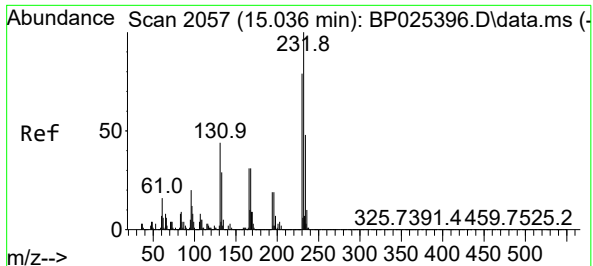


#58
Fluorene
Concen: 38.689 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59



Tgt Ion:166 Resp: 1123848
Ion Ratio Lower Upper
166 100
165 97.5 78.8 118.2
167 13.3 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.903 ng

RT: 15.025 min Scan# 2055

Delta R.T. -0.012 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

Instrument :

BNA_P

ClientSampleId :

PB169230BS

Tgt Ion:232 Resp: 32724

Ion Ratio Lower Upper

232 100

131 47.3 37.0 55.6

130 2.6 1.9 2.9

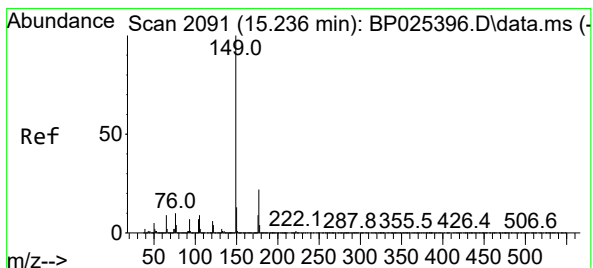
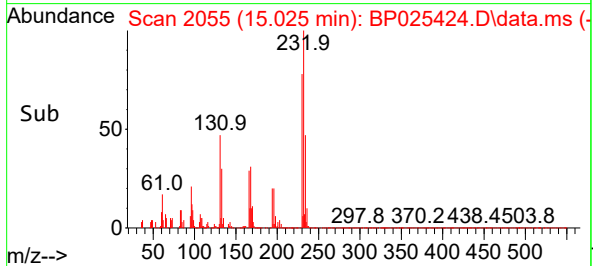
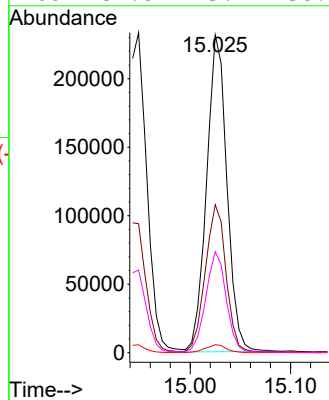
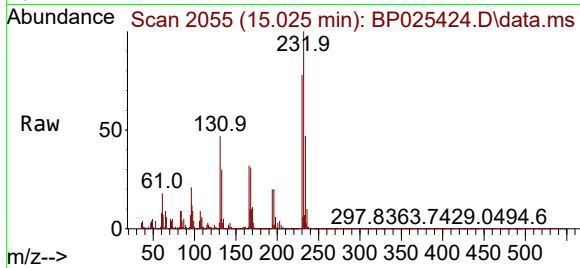
166 31.8 25.4 38.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#60

Diethylphthalate

Concen: 39.238 ng

RT: 15.231 min Scan# 2090

Delta R.T. -0.006 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

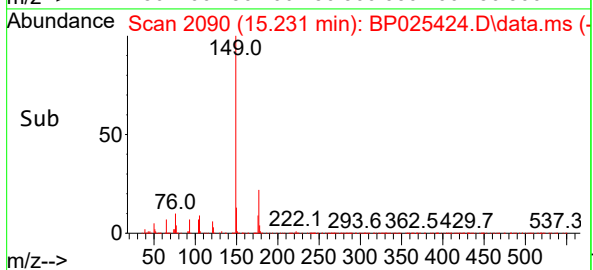
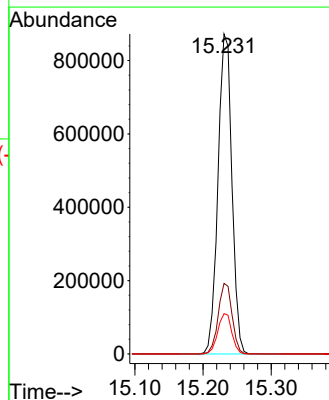
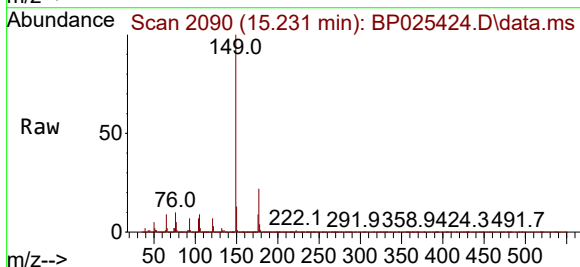
Tgt Ion:149 Resp: 1237967

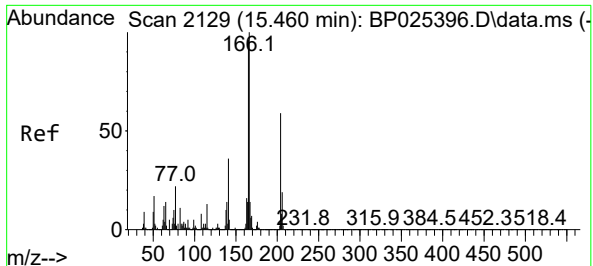
Ion Ratio Lower Upper

149 100

177 22.1 17.3 25.9

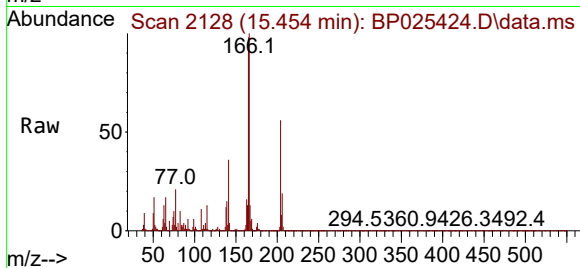
150 12.6 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 37.992 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

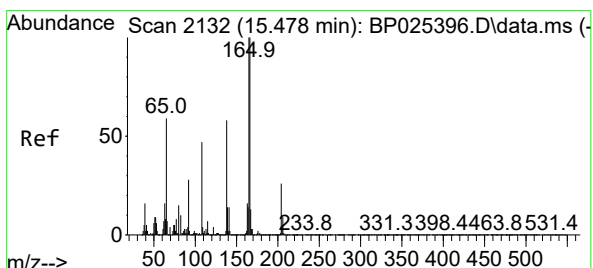
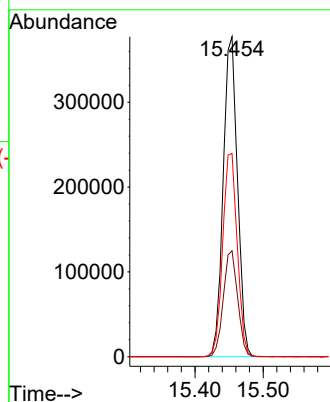
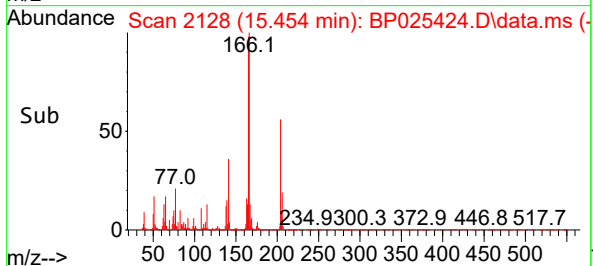
Instrument :
BNA_P
ClientSampleId :
PB169230BS



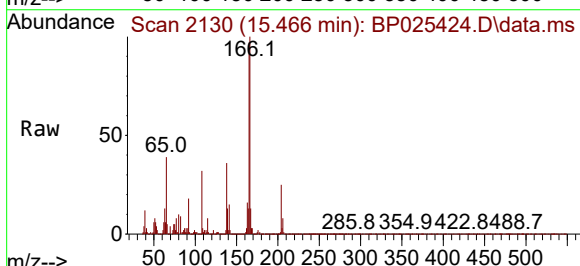
Tgt Ion:204 Resp: 54887
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.8
141 63.5 49.4 74.2

Manual Integrations
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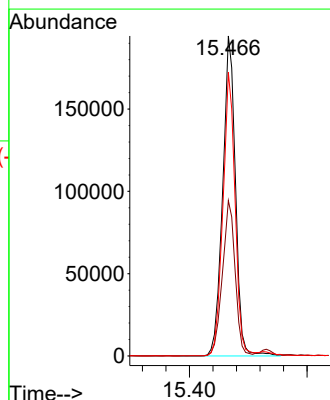
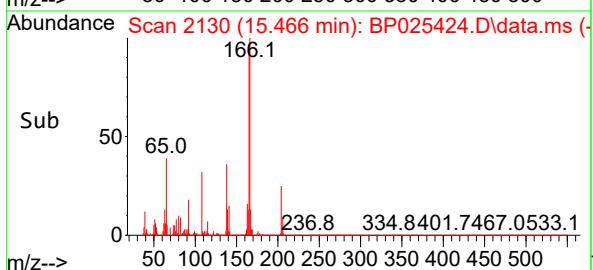
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

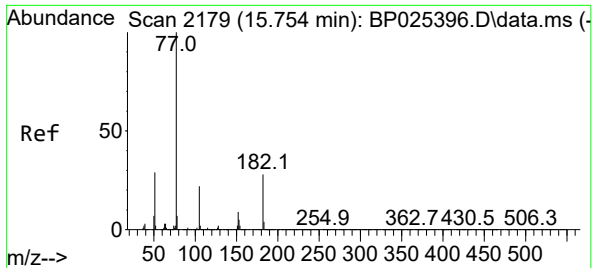


#62
4-Nitroaniline
Concen: 38.864 ng
RT: 15.466 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59



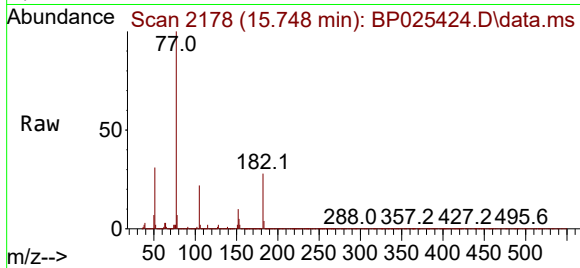
Tgt Ion:138 Resp: 293368
Ion Ratio Lower Upper
138 100
92 48.6 29.1 69.1
108 88.6 61.5 101.5





#63
Azobenzene
Concen: 40.048 ng
RT: 15.748 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

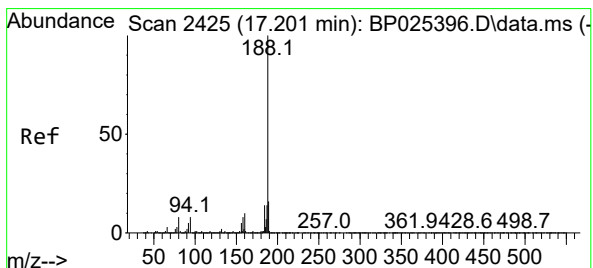
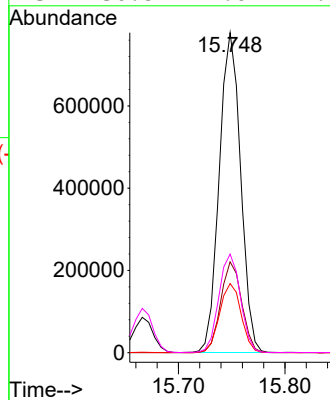
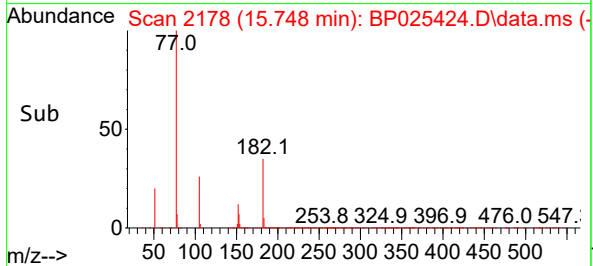
Instrument :
BNA_P
ClientSampleId :
PB169230BS



Tgt Ion: 77 Resp: 108192
Ion Ratio Lower Upper
77 100
182 28.4 7.5 47.5
105 21.6 2.1 42.1
51 30.8 9.6 49.6

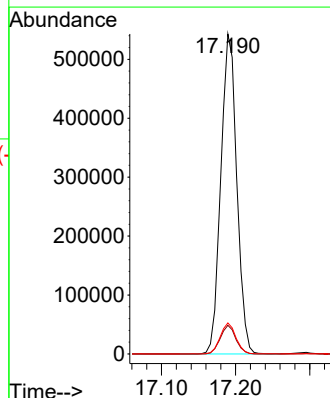
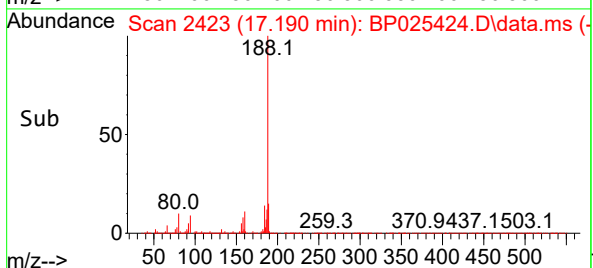
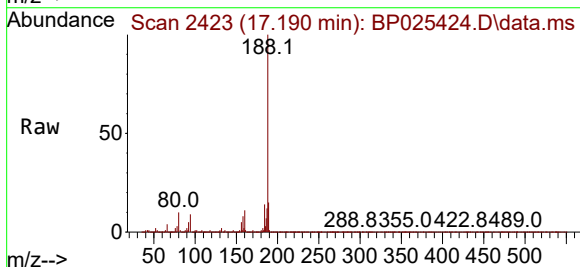
Manual Integrations
APPROVED

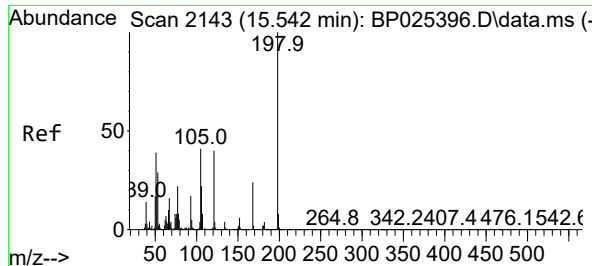
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.190 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:188 Resp: 812951
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.7 6.7 10.1





#65

4,6-Dinitro-2-methylphenol

Concen: 42.483 ng

RT: 15.531 min Scan# 2141

Delta R.T. -0.012 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

Instrument :

BNA_P

ClientSampleId :

PB169230BS

Tgt Ion:198 Resp: 21528

Ion Ratio Lower Upper

198 100

51 44.5 19.6 59.6

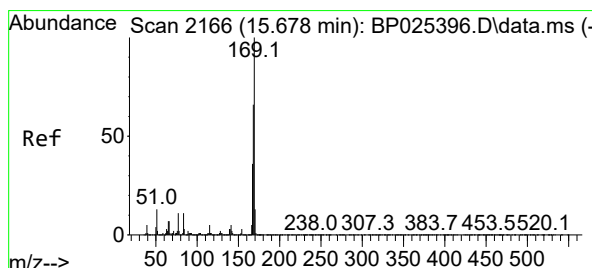
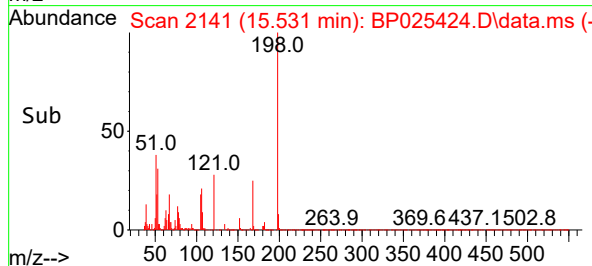
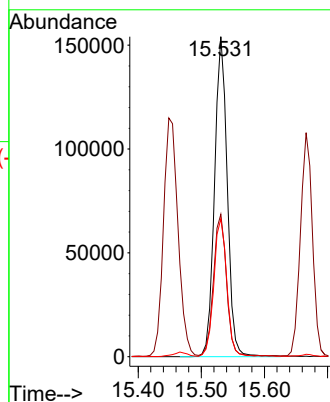
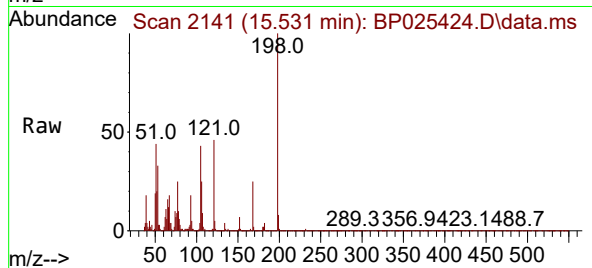
105 43.1 20.9 60.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#66

n-Nitrosodiphenylamine

Concen: 41.149 ng

RT: 15.666 min Scan# 2164

Delta R.T. -0.012 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

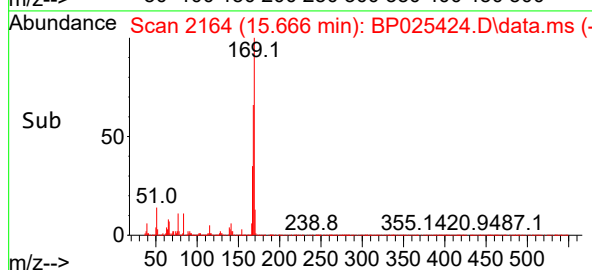
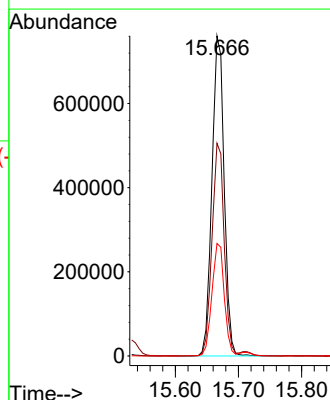
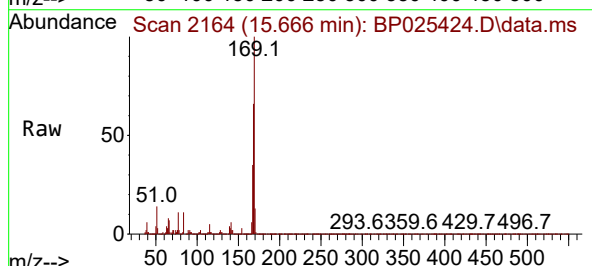
Tgt Ion:169 Resp: 1020090

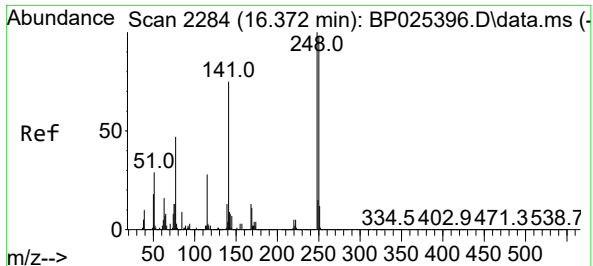
Ion Ratio Lower Upper

169 100

168 66.5 53.2 79.8

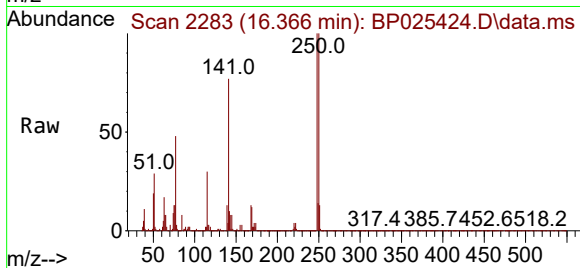
167 35.1 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 40.010 ng
RT: 16.366 min Scan# 210
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

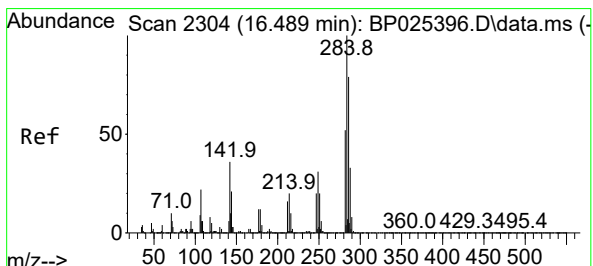
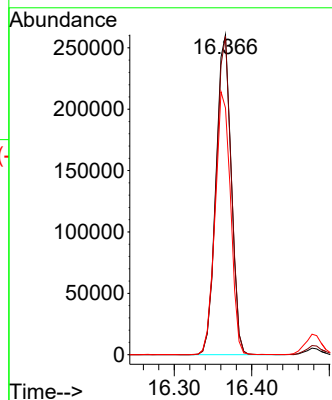
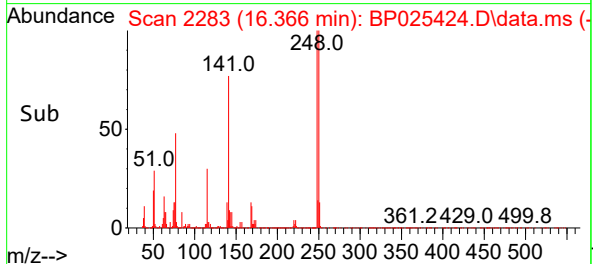
Instrument :
BNA_P
ClientSampleId :
PB169230BS



Tgt Ion:248 Resp: 357730
Ion Ratio Lower Upper
248 100
250 99.6 78.2 117.2
141 77.1 59.6 89.4

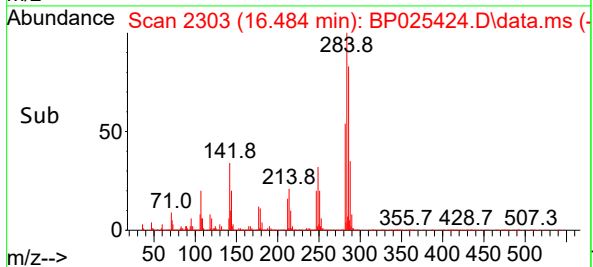
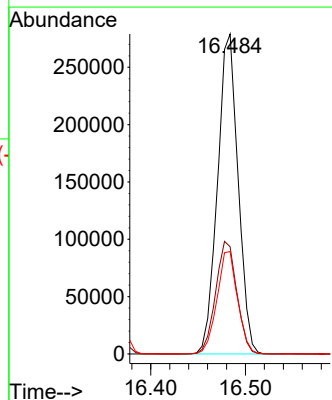
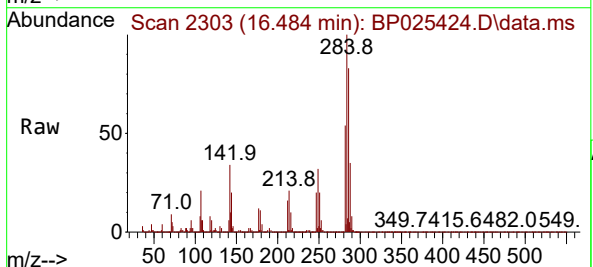
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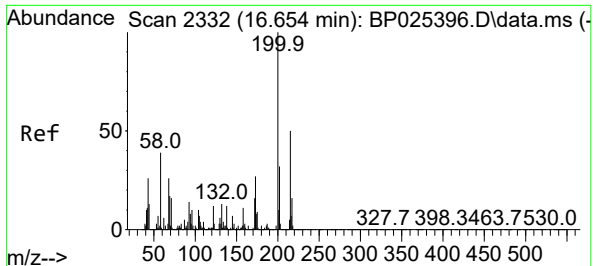
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#68
Hexachlorobenzene
Concen: 40.631 ng
RT: 16.484 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

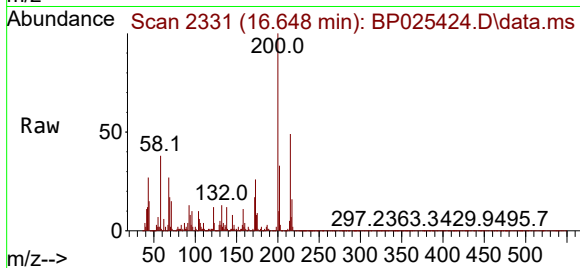
Tgt Ion:284 Resp: 421113
Ion Ratio Lower Upper
284 100
142 33.5 29.1 43.7
249 32.0 25.0 37.4





#69
Atrazine
Concen: 39.983 ng
RT: 16.648 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

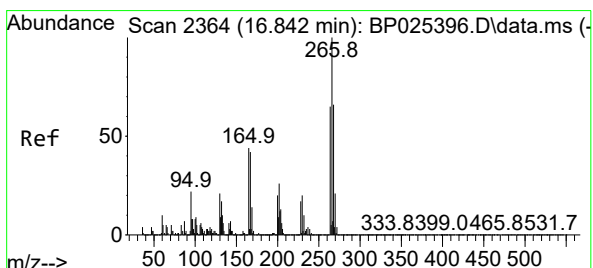
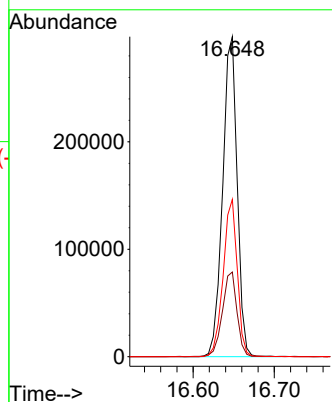
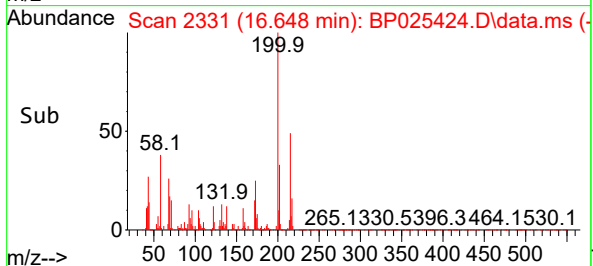
Instrument :
BNA_P
ClientSampleId :
PB169230BS



Tgt Ion:200 Resp: 371199
Ion Ratio Lower Upper
200 100
173 26.4 6.7 46.7
215 49.2 29.7 69.7

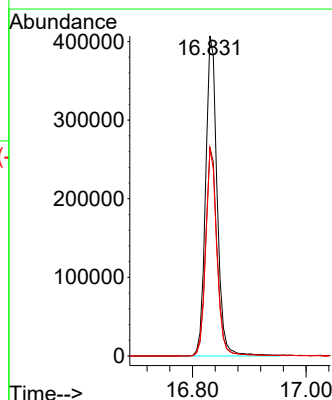
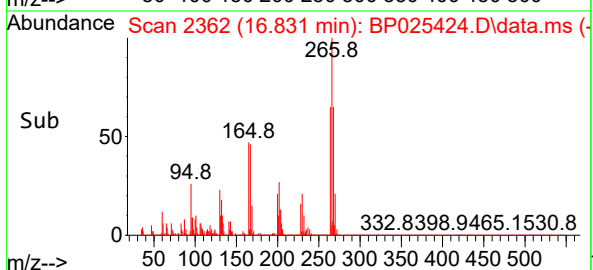
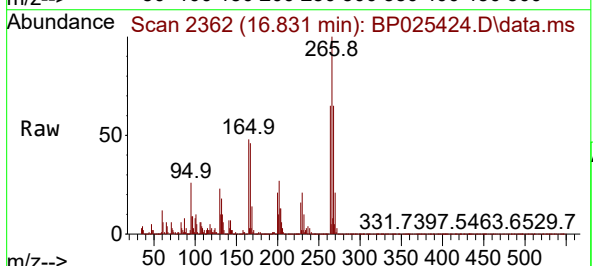
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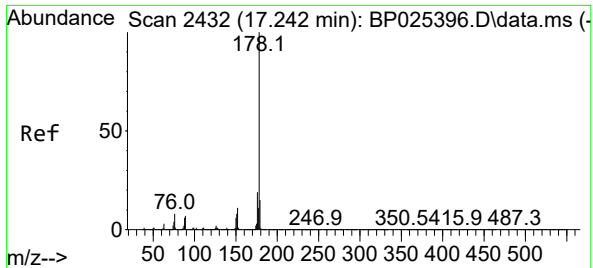
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#70
Pentachlorophenol
Concen: 86.979 ng
RT: 16.831 min Scan# 2362
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:266 Resp: 569065
Ion Ratio Lower Upper
266 100
268 65.1 52.6 79.0
264 64.7 52.0 78.0





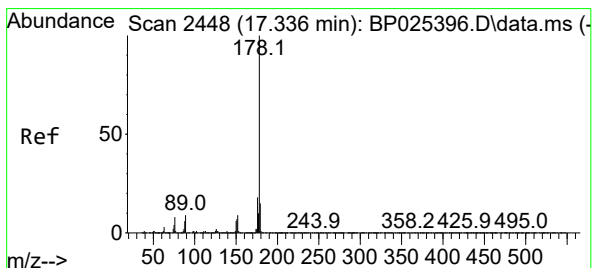
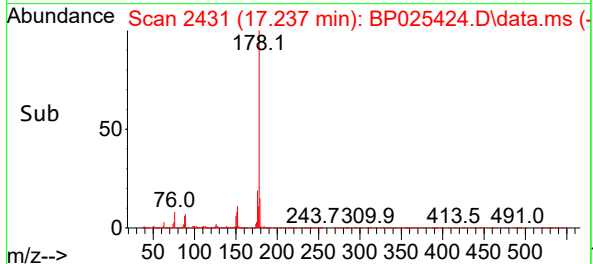
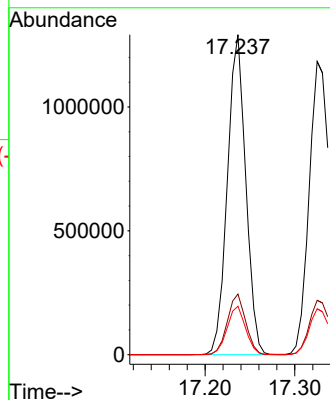
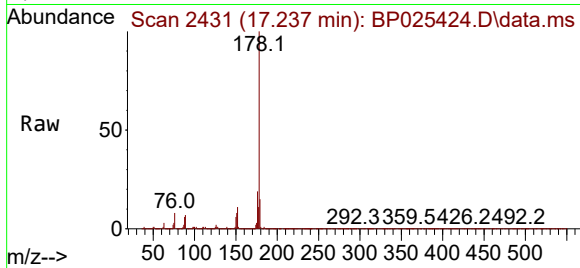
#71
Phenanthrene
Concen: 41.081 ng
RT: 17.237 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Instrument :
BNA_P
ClientSampleId :
PB169230BS

Tgt Ion:178 Resp: 1834594
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.2 12.2 18.4

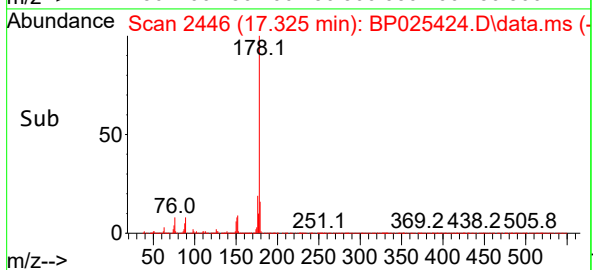
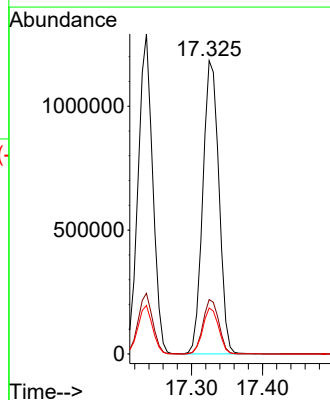
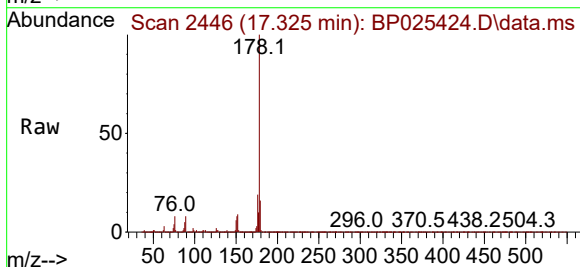
Manual Integrations
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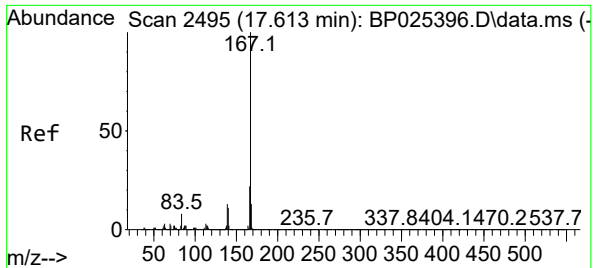
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#72
Anthracene
Concen: 40.953 ng
RT: 17.325 min Scan# 2446
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

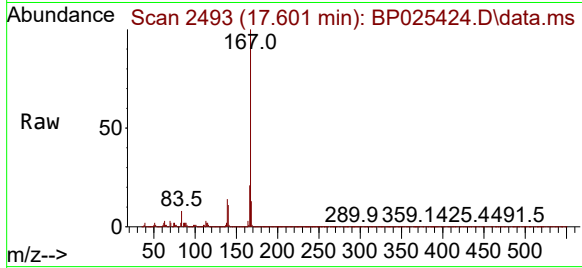
Tgt Ion:178 Resp: 1867641
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.7 12.2 18.2





#73
 Carbazole
 Concen: 40.625 ng
 RT: 17.601 min Scan# 2493
 Delta R.T. -0.012 min
 Lab File: BP025424.D
 Acq: 15 Aug 2025 11:59

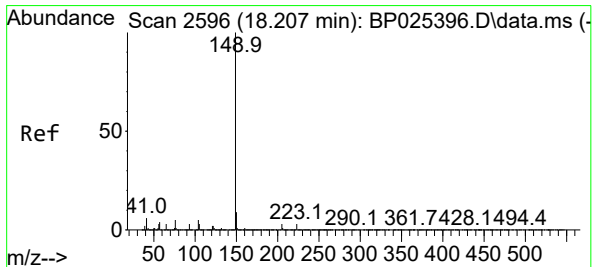
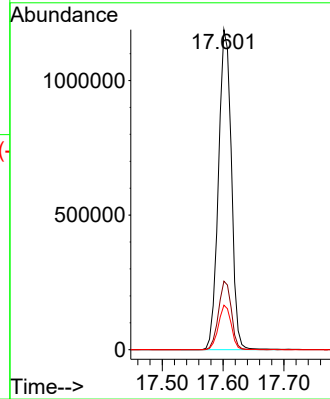
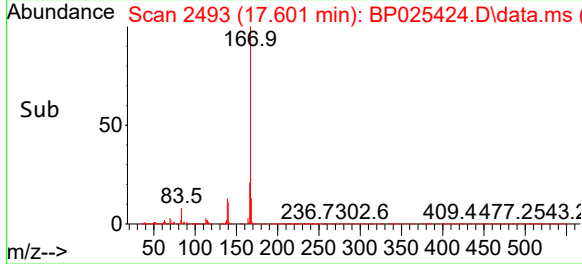
Instrument :
 BNA_P
 ClientSampleId :
 PB169230BS



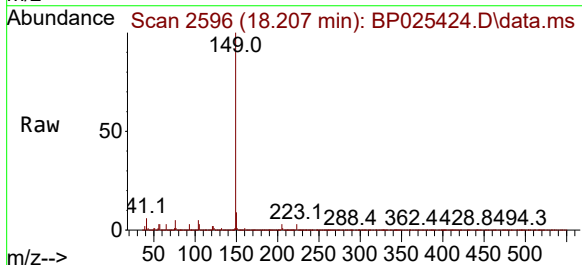
Tgt Ion:167 Resp: 1745068
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 13.9 10.6 16.0

Manual Integrations
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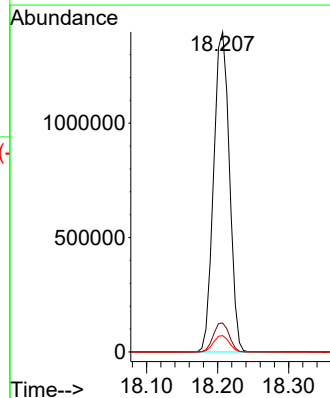
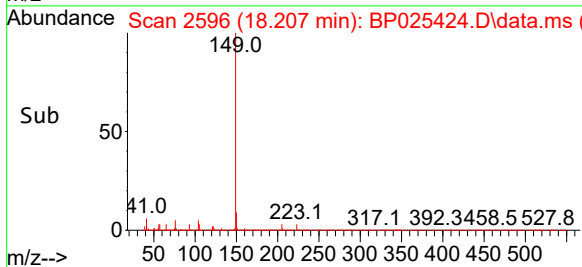
Reviewed By :Rahul Chavli 08/18/2025
 Supervised By :Jagrut Upadhyay 08/18/2025

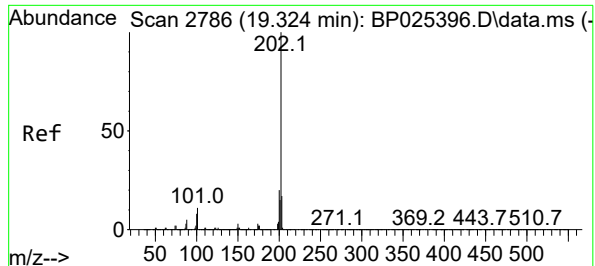


#74
 Di-n-butylphthalate
 Concen: 40.744 ng
 RT: 18.207 min Scan# 2596
 Delta R.T. 0.000 min
 Lab File: BP025424.D
 Acq: 15 Aug 2025 11:59



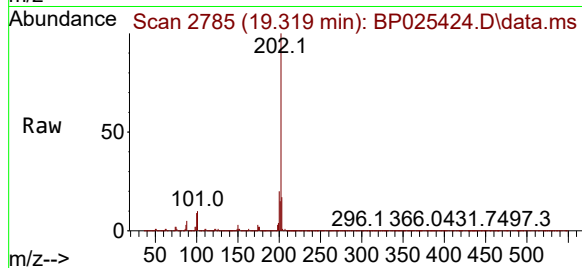
Tgt Ion:149 Resp: 2153331
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 40.586 ng
RT: 19.319 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

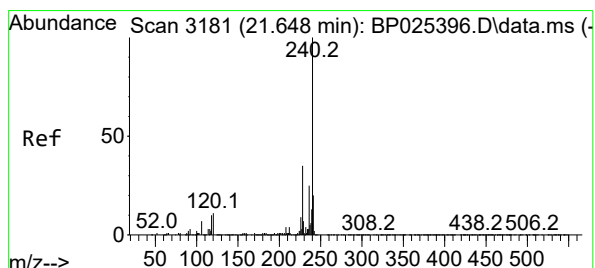
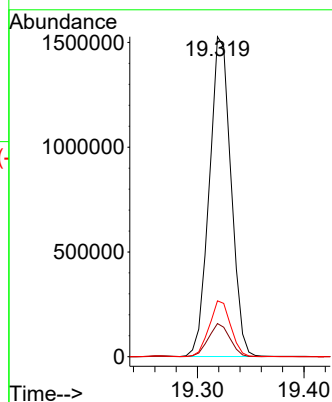
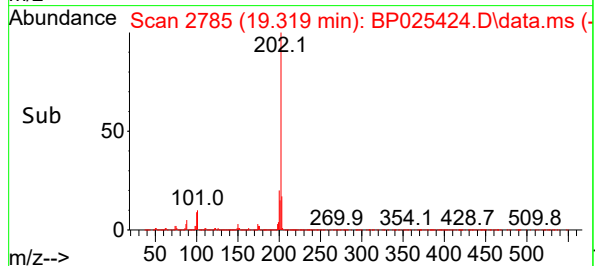
Instrument :
BNA_P
ClientSampleId :
PB169230BS



Tgt Ion:202 Resp: 216198
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.1
203 17.4 0.0 37.3

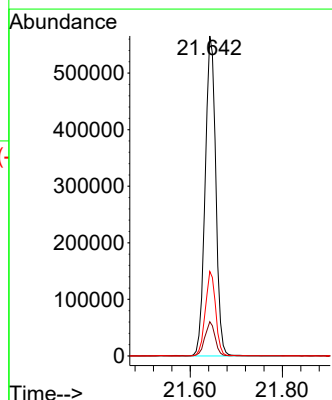
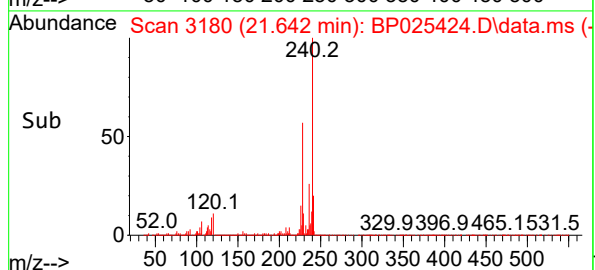
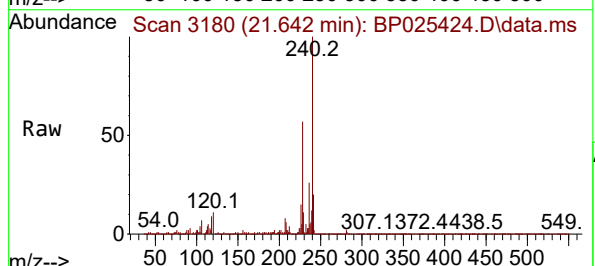
Manual Integrations
APPROVED

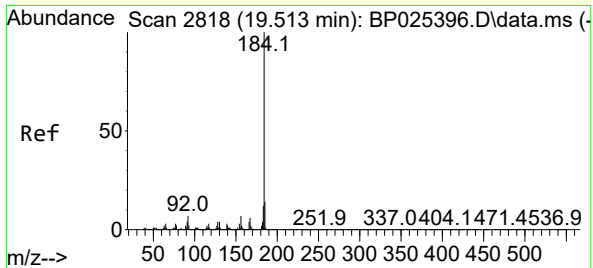
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

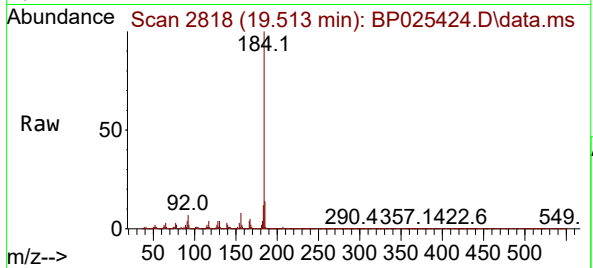
Tgt Ion:240 Resp: 911094
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 26.4 19.8 29.8





#77
Benzidine
Concen: 42.563 ng
RT: 19.513 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

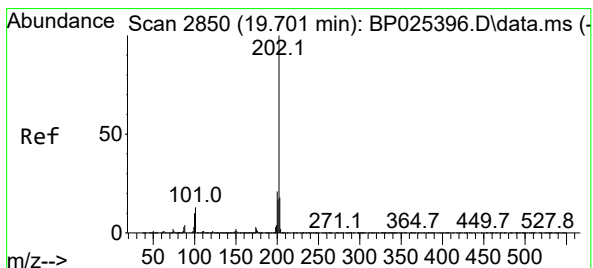
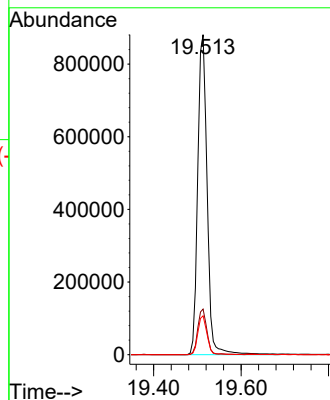
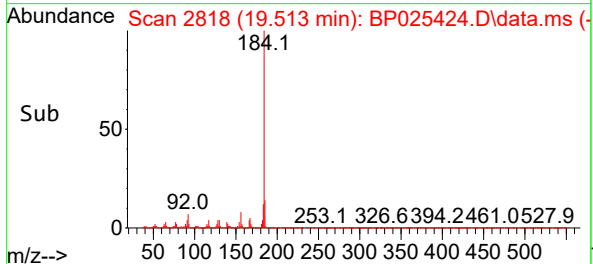
Instrument :
BNA_P
ClientSampleId :
PB169230BS



Tgt Ion:184 Resp: 1323440
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 12.1 9.4 14.2

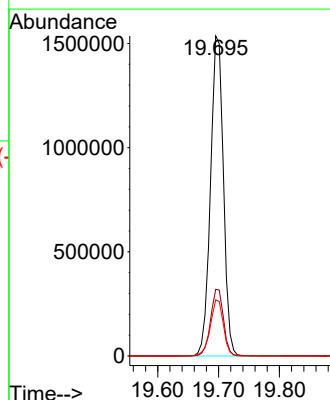
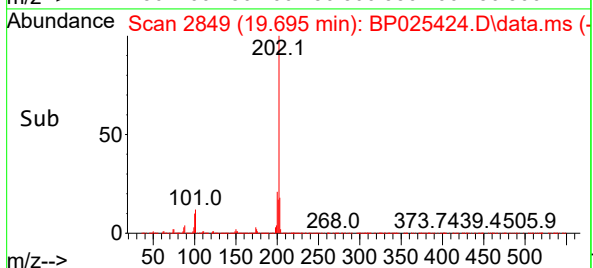
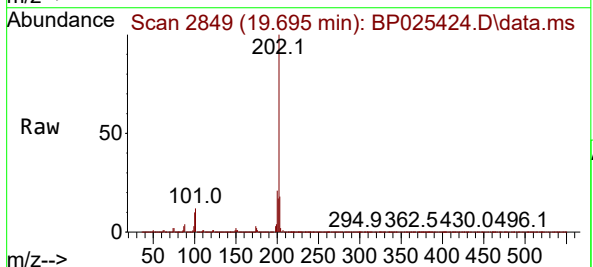
Manual Integrations
APPROVED

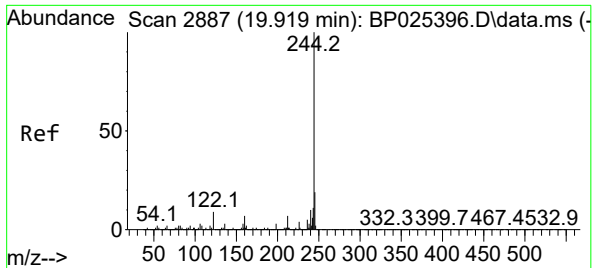
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#78
Pyrene
Concen: 38.210 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:202 Resp: 2262750
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.6 14.2 21.2





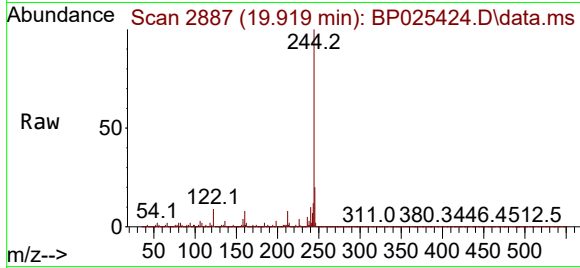
#79
 Terphenyl-d14
 Concen: 65.800 ng
 RT: 19.919 min Scan# 2887
 Delta R.T. 0.000 min
 Lab File: BP025424.D
 Acq: 15 Aug 2025 11:59

Instrument :

BNA_P

ClientSampleId :

PB169230BS



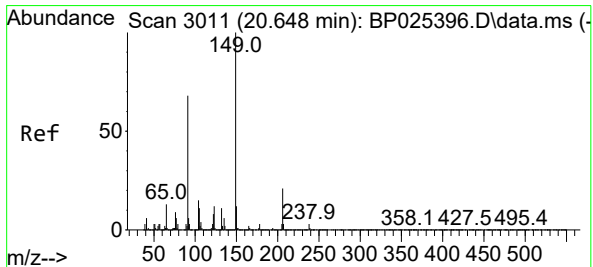
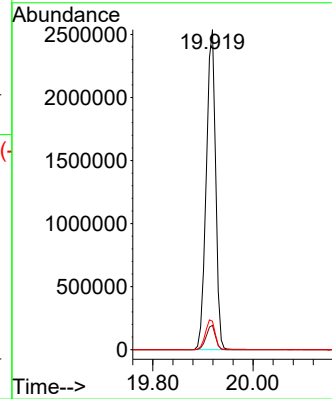
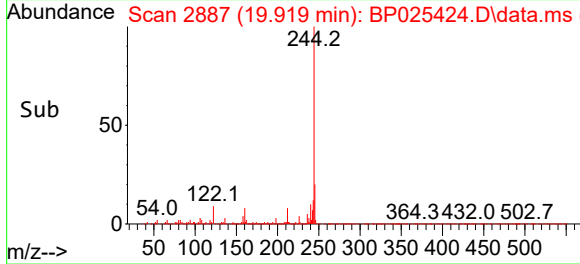
Tgt Ion:244 Resp: 327671
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 8.9 7.4 11.2

Manual Integrations

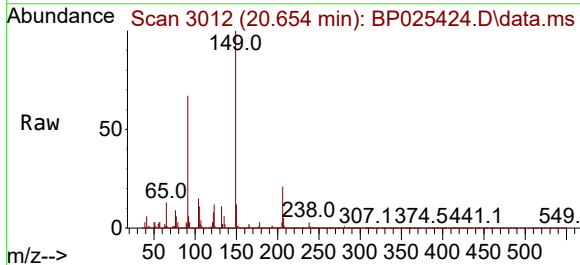
APPROVED

Reviewed By :Rahul Chavli 08/18/2025

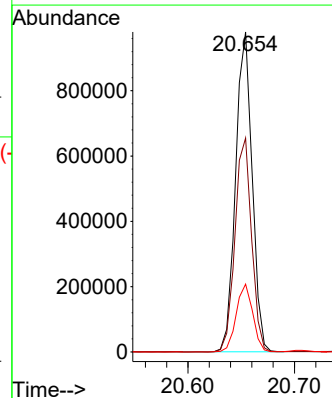
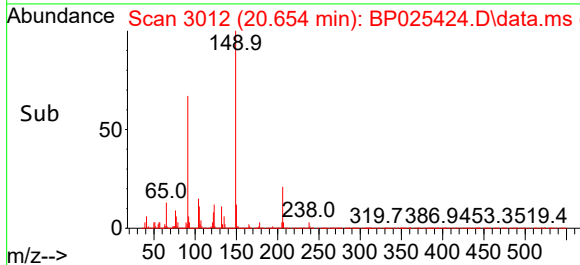
Supervised By :Jagrut Upadhyay 08/18/2025

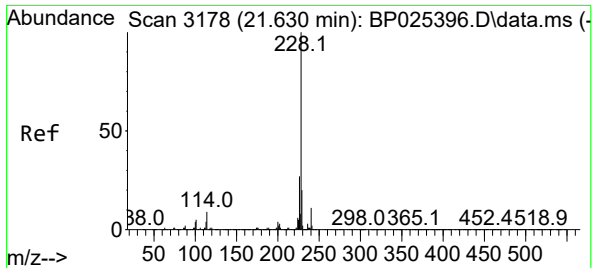


#80
 Butylbenzylphthalate
 Concen: 39.265 ng
 RT: 20.654 min Scan# 3012
 Delta R.T. 0.006 min
 Lab File: BP025424.D
 Acq: 15 Aug 2025 11:59



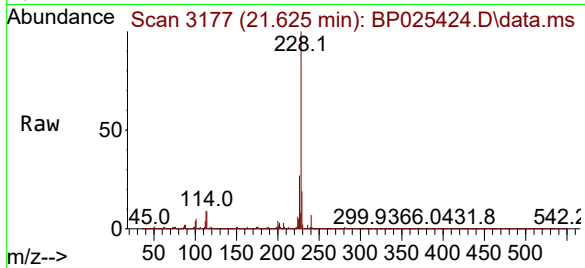
Tgt Ion:149 Resp: 1053807
 Ion Ratio Lower Upper
 149 100
 91 66.9 54.2 81.2
 206 21.2 16.6 24.8





#81
Benzo(a)anthracene
Concen: 41.019 ng
RT: 21.625 min Scan# 3177
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

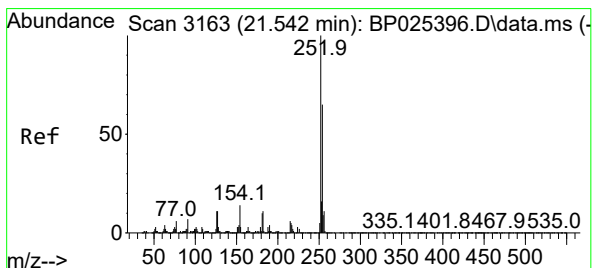
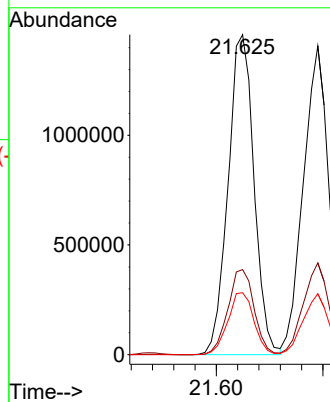
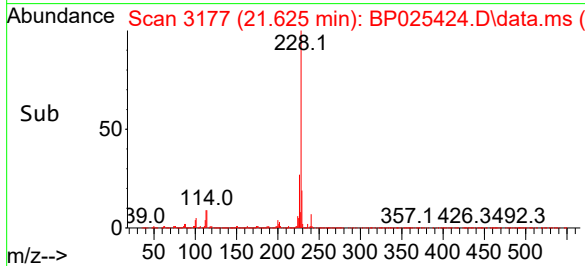
Instrument :
BNA_P
ClientSampleId :
PB169230BS



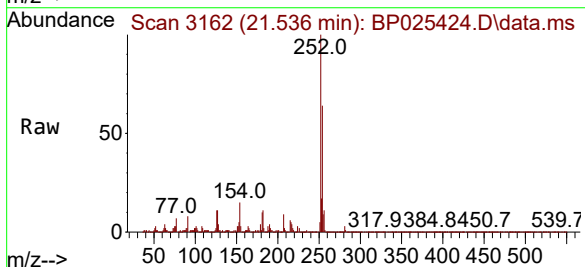
Tgt Ion:228 Resp: 246471
Ion Ratio Lower Upper
228 100
226 26.6 21.7 32.5
229 19.3 15.6 23.4

Manual Integrations
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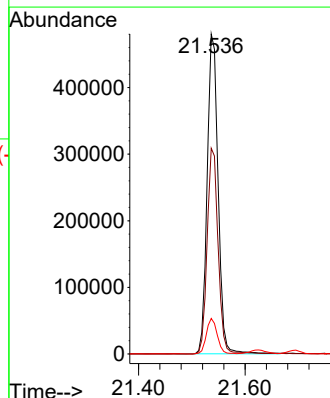
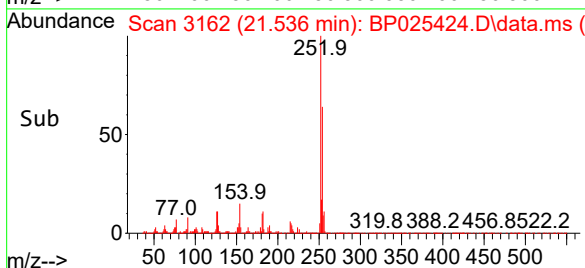
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

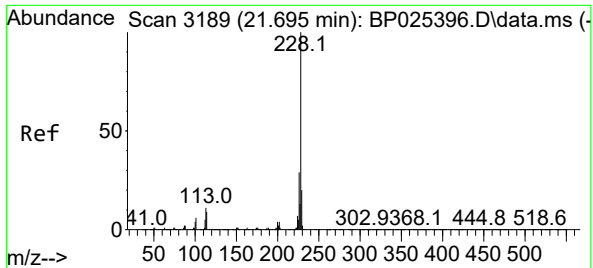


#82
3,3'-Dichlorobenzidine
Concen: 30.320 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59



Tgt Ion:252 Resp: 686690
Ion Ratio Lower Upper
252 100
254 64.3 51.8 77.6
126 11.1 9.1 13.7





#83

Chrysene

Concen: 40.951 ng

RT: 21.695 min Scan# 3189

Delta R.T. 0.000 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

Instrument :

BNA_P

ClientSampleId :

PB169230BS

Tgt Ion:228 Resp: 230434

Ion Ratio Lower Upper

228 100

226 29.7 23.2 34.8

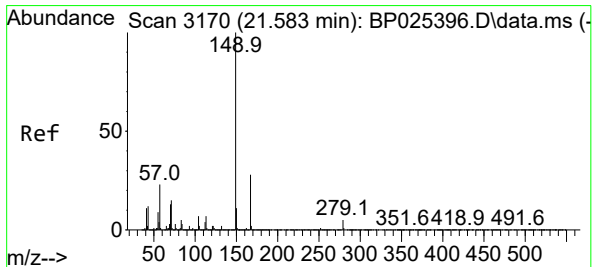
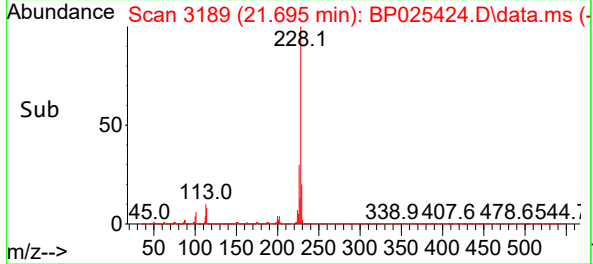
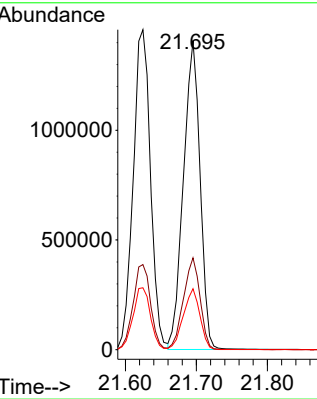
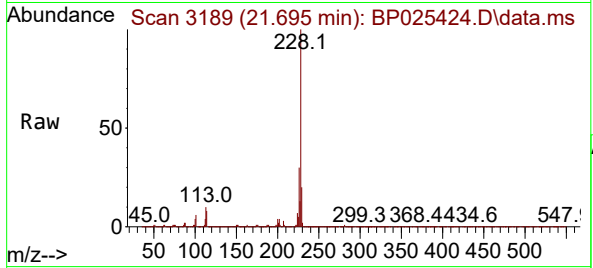
229 19.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.360 ng

RT: 21.578 min Scan# 3169

Delta R.T. -0.006 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

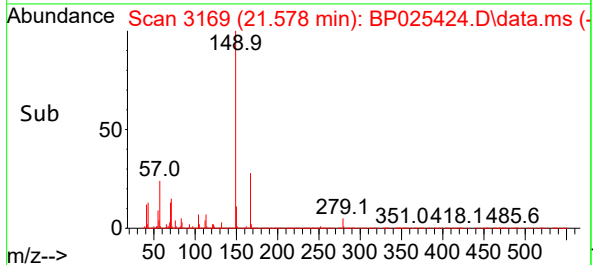
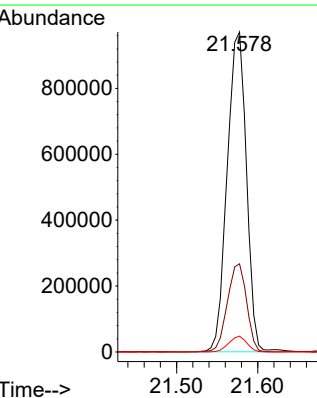
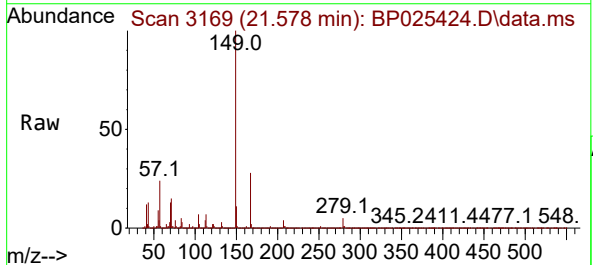
Tgt Ion:149 Resp: 1594510

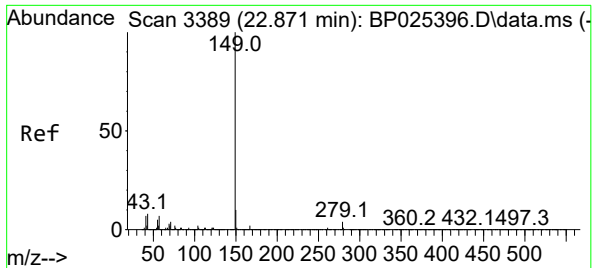
Ion Ratio Lower Upper

149 100

167 27.5 22.1 33.1

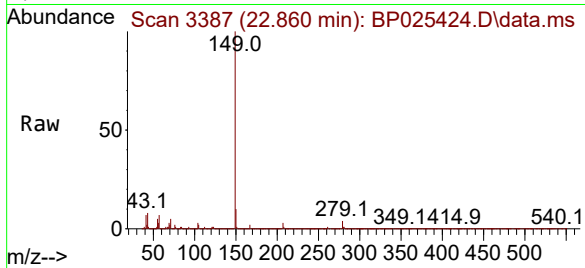
279 5.0 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 41.649 ng
RT: 22.860 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

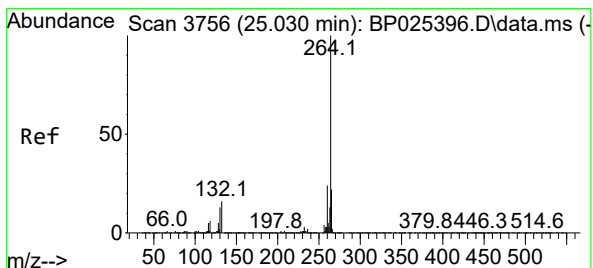
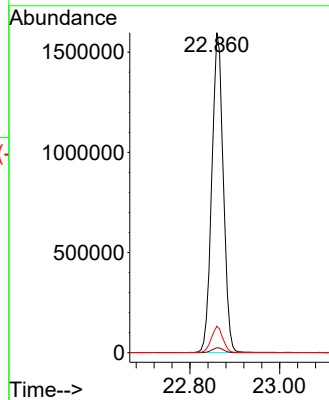
Instrument :
BNA_P
ClientSampleId :
PB169230BS



Tgt Ion:149 Resp: 2830250
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.2 6.3 9.5

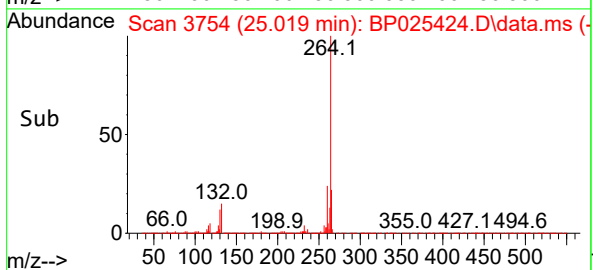
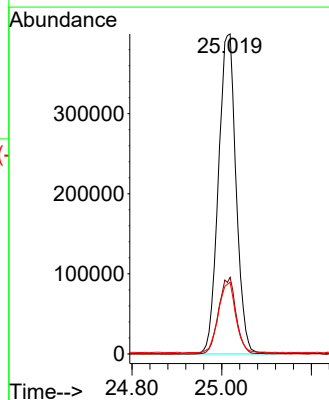
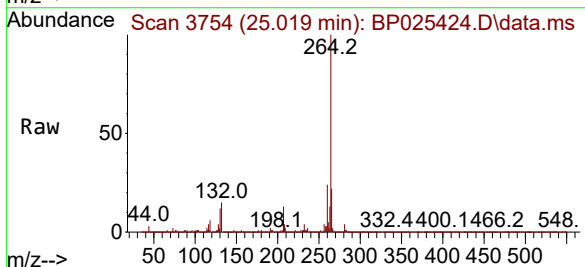
Manual Integrations
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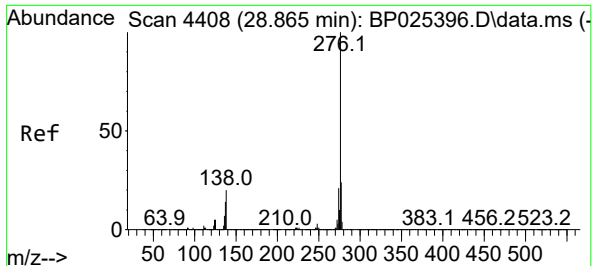
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.019 min Scan# 3754
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

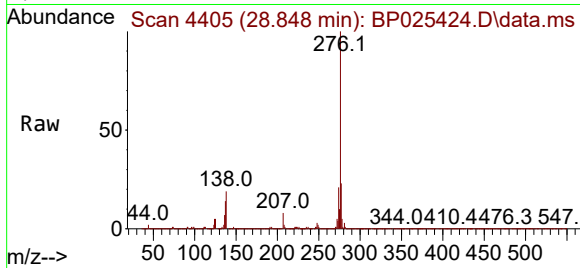
Tgt Ion:264 Resp: 1094193
Ion Ratio Lower Upper
264 100
260 24.0 19.3 28.9
265 22.4 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.203 ng
RT: 28.848 min Scan# 4408
Delta R.T. -0.017 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

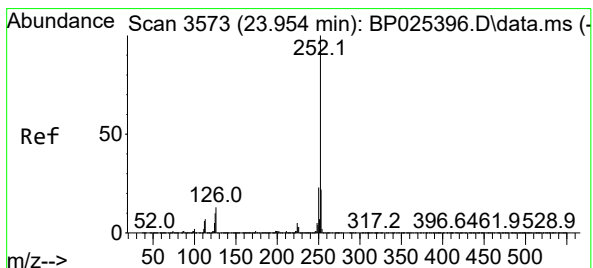
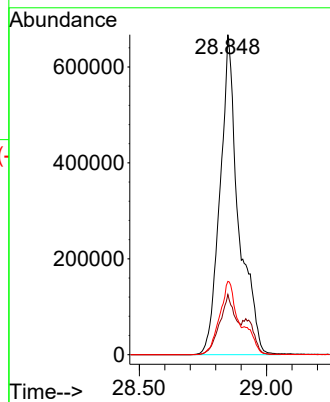
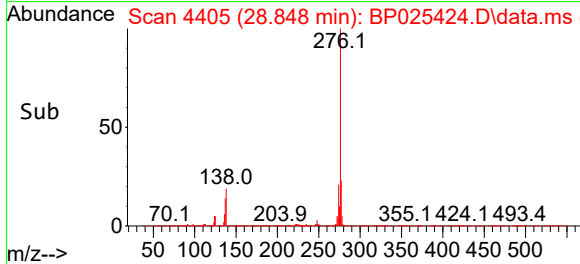
Instrument :
BNA_P
ClientSampleId :
PB169230BS



Tgt Ion: 276 Resp: 338653
Ion Ratio Lower Upper
276 100
138 16.6 12.9 19.3
277 20.7 17.0 25.6

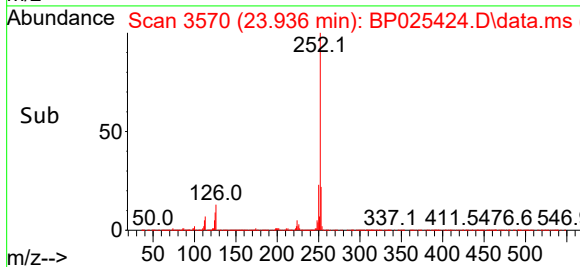
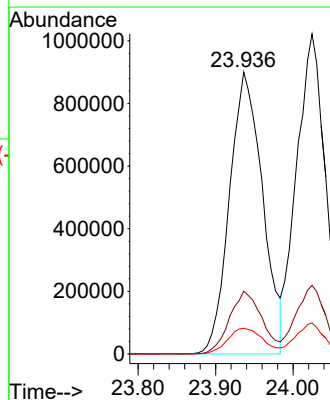
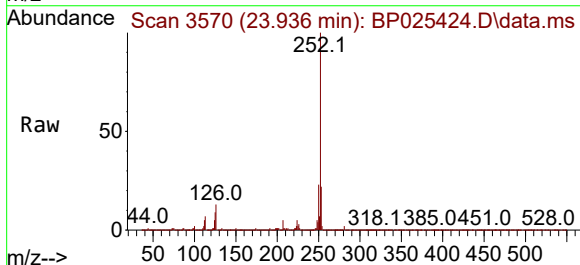
Manual Integrations
APPROVED

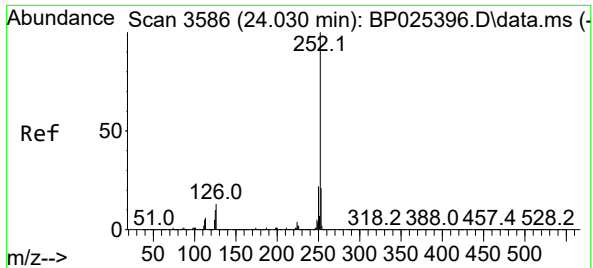
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#88
Benzo(b)fluoranthene
Concen: 41.401 ng
RT: 23.936 min Scan# 3570
Delta R.T. -0.017 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion: 252 Resp: 2671223
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.1 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 40.388 ng

RT: 24.024 min Scan# 3586

Delta R.T. -0.006 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

Instrument :

BNA_P

ClientSampleId :

PB169230BS

Tgt Ion:252 Resp: 260764

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

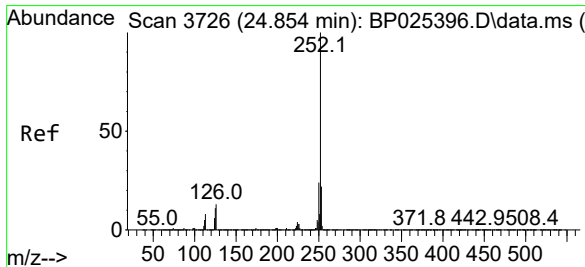
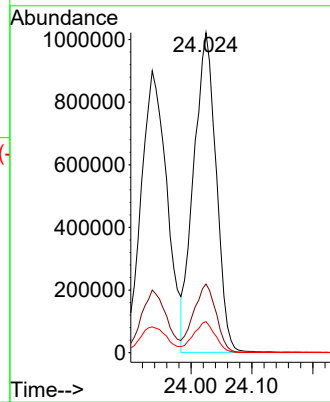
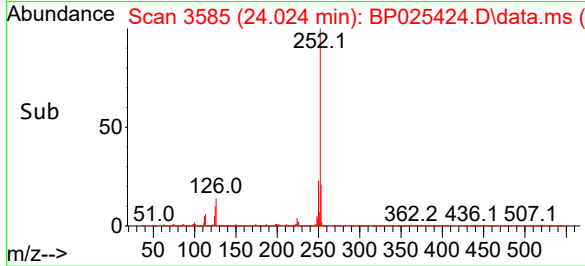
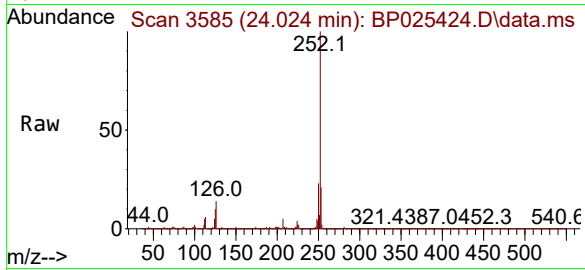
125 9.7 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#90

Benzo(a)pyrene

Concen: 41.168 ng

RT: 24.866 min Scan# 3728

Delta R.T. 0.012 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

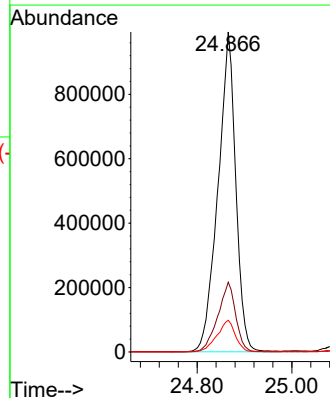
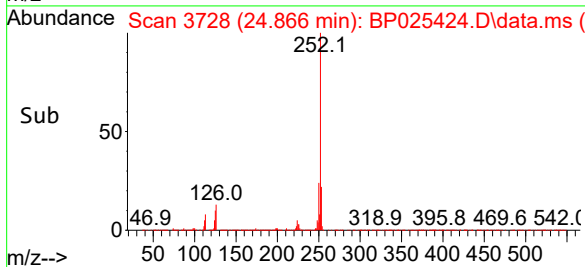
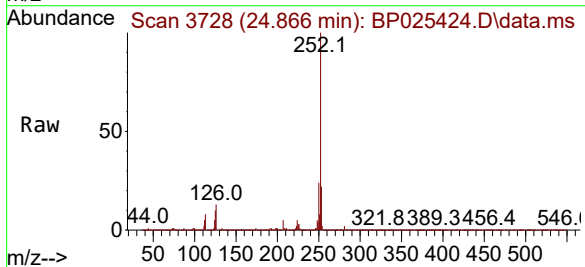
Tgt Ion:252 Resp: 2585640

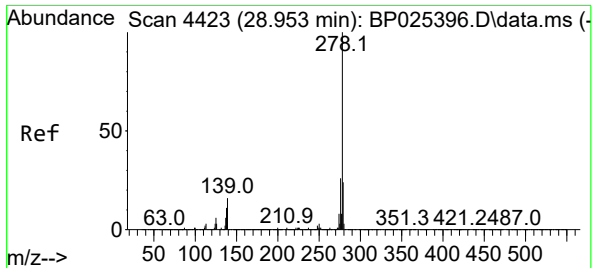
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

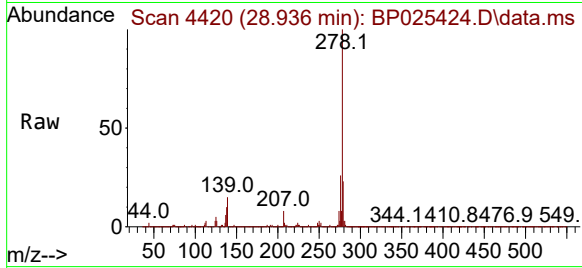
125 9.9 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 41.882 ng
RT: 28.936 min Scan# 4423
Delta R.T. -0.017 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

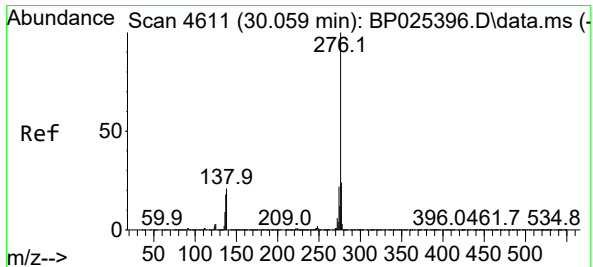
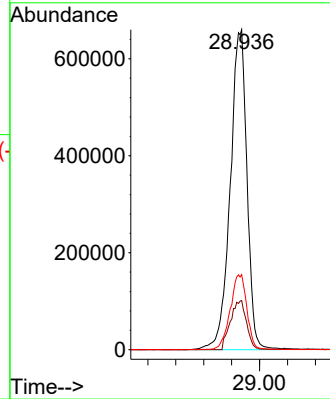
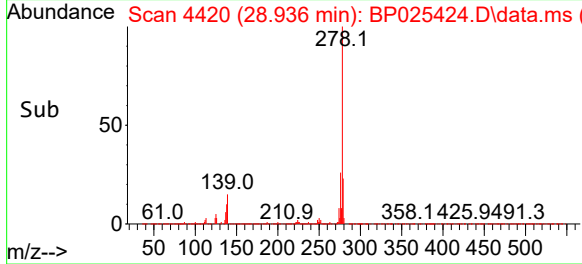
Instrument :
BNA_P
ClientSampleId :
PB169230BS



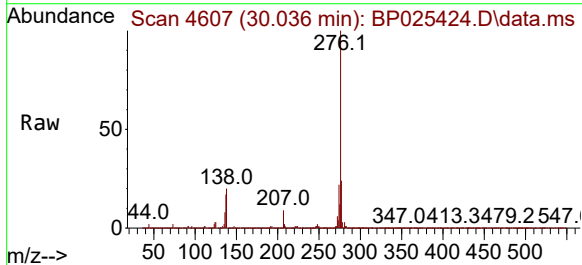
Tgt Ion: 278 Resp: 274642
Ion Ratio Lower Upper
278 100
139 15.4 13.0 19.4
279 23.5 19.4 29.2

Manual Integrations
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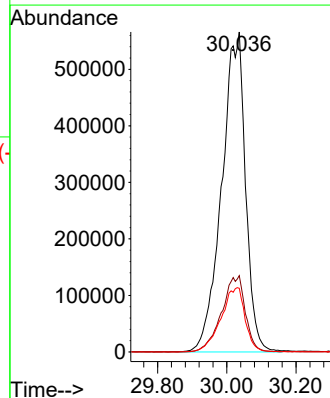
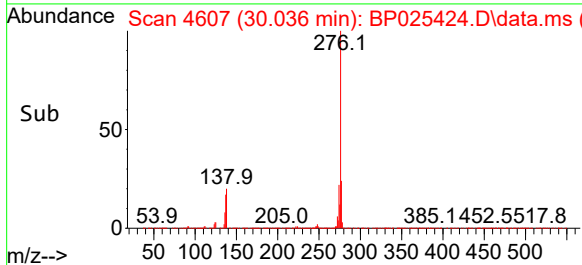
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#92
Benzo(g,h,i)perylene
Concen: 41.819 ng m
RT: 30.036 min Scan# 4607
Delta R.T. -0.023 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59



Tgt Ion: 276 Resp: 2695674
Ion Ratio Lower Upper
276 100
277 23.8 19.4 29.0
138 19.9 16.7 25.1



Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB169230BSD	SDG No.:	Q2837
Lab Sample ID:	PB169230BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group4
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025425.D	1	08/12/25 11:39	08/15/25 13:26	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	44.9		0.91	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	41.7		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	42.7		0.54	5.00	ug/L
91-20-3	Naphthalene	43.1		0.50	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	124		15 (23) - 110 (138)	83%	SPK: 150
13127-88-3	Phenol-d6	123		15 (10) - 110 (134)	82%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.4		30 (67) - 130 (132)	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.8		30 (52) - 130 (132)	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	125		15 (44) - 110 (137)	83%	SPK: 150
1718-51-0	Terphenyl-d14	77.3		30 (42) - 130 (152)	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	168000	7.778			
1146-65-2	Naphthalene-d8	667000	10.548			
15067-26-2	Acenaphthene-d10	425000	14.401			
1517-22-2	Phenanthrene-d10	837000	17.207			
1719-03-5	Chrysene-d12	883000	21.654			
1520-96-3	Perylene-d12	1040000	25.012			

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\BP081525\
 Data File : BP025425.D
 Acq On : 15 Aug 2025 13:26
 Operator : CG/JU
 Sample : PB169230BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169230BSD

Quant Time: Aug 15 13:57:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	168072	20.000	ng	-0.02
21) Naphthalene-d8	10.548	136	666741	20.000	ng	-0.01
39) Acenaphthene-d10	14.401	164	424927	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	837407	20.000	ng	0.00
76) Chrysene-d12	21.654	240	883409	20.000	ng	0.00
86) Perylene-d12	25.012	264	1035260	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	1259438	124.443	ng	-0.01
7) Phenol-d6	6.960	99	1600680	123.363	ng	0.00
23) Nitrobenzene-d5	8.919	82	1020486	77.424	ng	-0.02
42) 2,4,6-Tribromophenol	15.919	330	712661	124.601	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2387172	76.778	ng	0.00
79) Terphenyl-d14	19.924	244	3734835	77.350	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.325	88	147246	37.144	ng	98
3) Pyridine	3.719	79	373939	34.463	ng	97
4) n-Nitrosodimethylamine	3.625	42	197894	44.239	ng	94
6) Aniline	7.113	93	636255	36.394	ng	99
8) 2-Chlorophenol	7.354	128	510013	44.657	ng	99
9) Benzaldehyde	6.925	77	241816	26.600	ng	98
10) Phenol	6.984	94	611448	44.909	ng	96
11) bis(2-Chloroethyl)ether	7.207	93	447428	42.162	ng	98
12) 1,3-Dichlorobenzene	7.672	146	524682	41.664	ng	99
13) 1,4-Dichlorobenzene	7.813	146	536677	41.695	ng	99
14) 1,2-Dichlorobenzene	8.131	146	518242	41.593	ng	97
15) Benzyl Alcohol	8.013	79	443998	43.066	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.295	45	605807	42.615	ng	98
17) 2-Methylphenol	8.213	107	418119	44.217	ng	99
18) Hexachloroethane	8.854	117	202516	42.792	ng	98
19) n-Nitroso-di-n-propyla...	8.578	70	342802	39.885	ng	97
20) 3+4-Methylphenols	8.537	107	570482	43.523	ng	98
22) Acetophenone	8.590	105	717162	42.891	ng	98
24) Nitrobenzene	8.960	77	529804	44.976	ng	98
25) Isophorone	9.489	82	973615	41.739	ng	99
26) 2-Nitrophenol	9.666	139	269071	44.509	ng	95
27) 2,4-Dimethylphenol	9.731	122	470718	45.278	ng	97
28) bis(2-Chloroethoxy)met...	9.960	93	602831	42.754	ng	97
29) 2,4-Dichlorophenol	10.201	162	473045	45.804	ng	99
30) 1,2,4-Trichlorobenzene	10.419	180	483350	42.694	ng	100
31) Naphthalene	10.601	128	1494676	43.131	ng	99
32) Benzoic acid	9.872	122	362237	47.195	ng	96
33) 4-Chloroaniline	10.701	127	415649	27.153	ng	99
34) Hexachlorobutadiene	10.889	225	300315	42.594	ng	99
35) Caprolactam	11.483	113	166236	43.898	ng	96
36) 4-Chloro-3-methylphenol	11.831	107	528039	44.558	ng	99
37) 2-Methylnaphthalene	12.207	142	965857	42.828	ng	100
38) 1-Methylnaphthalene	12.431	142	991029	41.322	ng	100
40) 1,2,4,5-Tetrachloroben...	12.578	216	530873	43.258	ng	99
41) Hexachlorocyclopentadiene	12.560	237	714288	96.356	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	380238	45.894	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025425.D
 Acq On : 15 Aug 2025 13:26
 Operator : CG/JU
 Sample : PB169230BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169230BSD

Quant Time: Aug 15 13:57:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

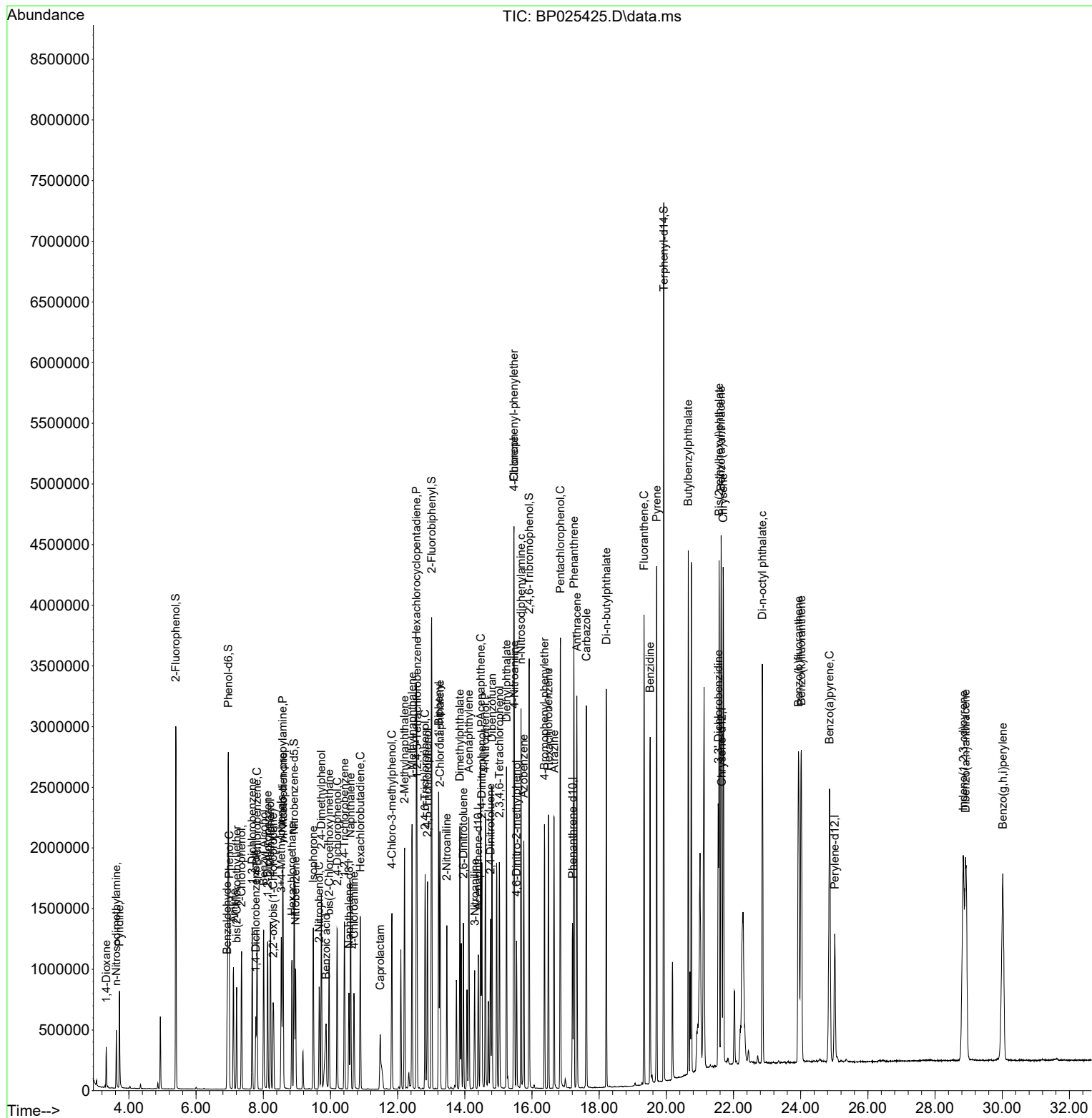
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.889	196	426971	47.021	ng	99
46) 1,1'-Biphenyl	13.225	154	1341958	43.484	ng	98
47) 2-Chloronaphthalene	13.260	162	1045208	43.506	ng	99
48) 2-Nitroaniline	13.466	65	332445	47.491	ng	97
49) Acenaphthylene	14.119	152	1736412	43.679	ng	100
50) Dimethylphthalate	13.854	163	1364594	43.854	ng	99
51) 2,6-Dinitrotoluene	13.960	165	305278	46.547	ng	95
52) Acenaphthene	14.472	154	1034163	44.318	ng	99
53) 3-Nitroaniline	14.295	138	246772	33.442	ng	99
54) 2,4-Dinitrophenol	14.507	184	378502	108.068	ng	95
55) Dibenzofuran	14.807	168	1583459	42.921	ng	98
56) 4-Nitrophenol	14.613	139	578099	95.340	ng	91
57) 2,4-Dinitrotoluene	14.766	165	446631	47.730	ng	97
58) Fluorene	15.466	166	1251709	42.998	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.030	232	368890	46.009	ng	99
60) Diethylphthalate	15.242	149	1397834	44.210	ng	99
61) 4-Chlorophenyl-phenyle...	15.460	204	617566	42.656	ng	96
62) 4-Nitroaniline	15.477	138	327789	43.331	ng	96
63) Azobenzene	15.754	77	1250604	46.193	ng	97
65) 4,6-Dinitro-2-methylph...	15.542	198	258648	49.550	ng	90
66) n-Nitrosodiphenylamine	15.672	169	1144220	44.808	ng	99
67) 4-Bromophenyl-phenylether	16.371	248	411920	44.726	ng	96
68) Hexachlorobenzene	16.489	284	475535	44.542	ng	100
69) Atrazine	16.660	200	441483	46.165	ng	97
70) Pentachlorophenol	16.848	266	660333	97.981	ng	97
71) Phenanthrene	17.248	178	2060065	44.783	ng	99
72) Anthracene	17.336	178	2122885	45.190	ng	100
73) Carbazole	17.618	167	2031552	45.913	ng	99
74) Di-n-butylphthalate	18.213	149	2497806	45.882	ng	100
75) Fluoranthene	19.336	202	2442709	44.517	ng	99
77) Benzidine	19.518	184	1450901	48.125	ng	100
78) Pyrene	19.712	202	2568011	44.724	ng	100
80) Butylbenzylphthalate	20.654	149	1210580	46.520	ng	97
81) Benzo(a)anthracene	21.630	228	2695916	46.273	ng	99
82) 3,3'-Dichlorobenzidine	21.548	252	748927	34.104	ng	99
83) Chrysene	21.695	228	2507192	45.952	ng	98
84) Bis(2-ethylhexyl)phtha...	21.571	149	1768457	46.165	ng	100
85) Di-n-octyl phthalate	22.859	149	3215556	48.802	ng	99
87) Indeno(1,2,3-cd)pyrene	28.841	276	3557513	46.858	ng	98
88) Benzo(b)fluoranthene	23.936	252	2906105	47.605	ng	100
89) Benzo(k)fluoranthene	24.018	252	2863889	46.881	ng	99
90) Benzo(a)pyrene	24.859	252	2797186	47.072	ng	100
91) Dibenzo(a,h)anthracene	28.912	278	2913978	46.967	ng	98
92) Benzo(g,h,i)perylene	30.018	276	2846019	46.665	ng	98

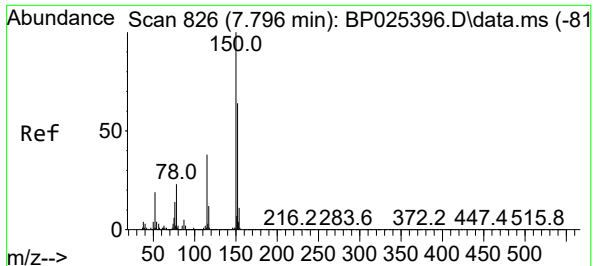
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On    : 15 Aug 2025  13:26  
Operator  : CG/JU  
Sample    : PB169230BSD  
Misc      :  
ALS Vial  : 5    Sample Multiplier: 1
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Instrument :
BNA_P
ClientSampleId :
PB169230BSD

Quant Time: Aug 15 13:57:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

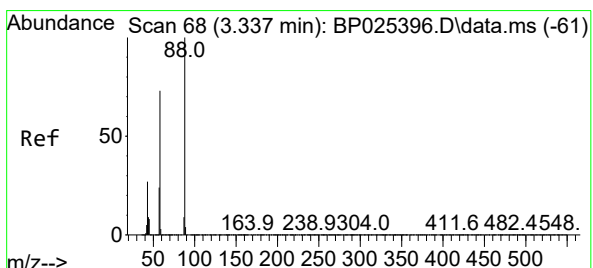
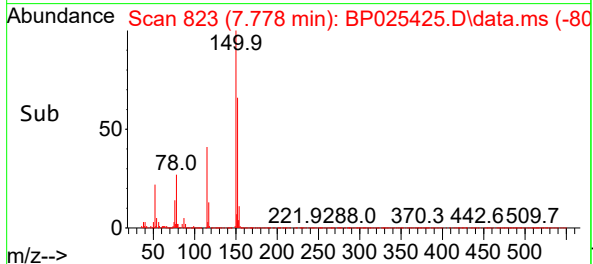
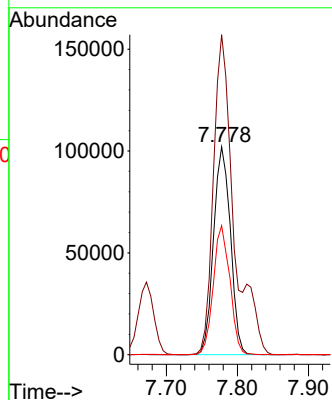
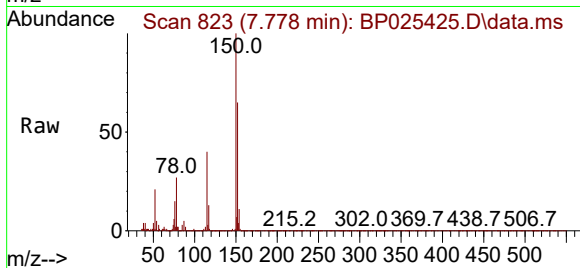




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

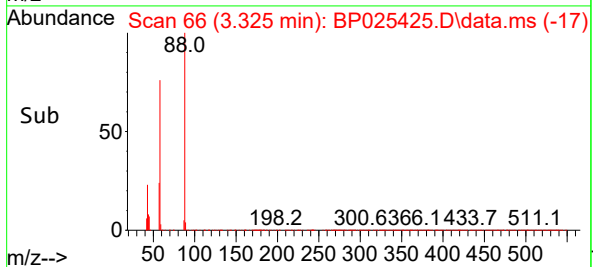
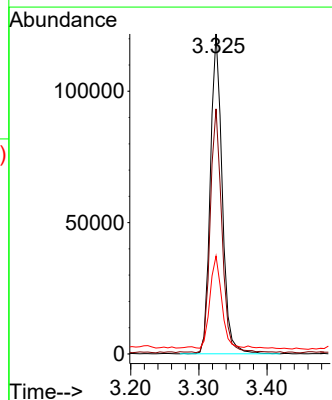
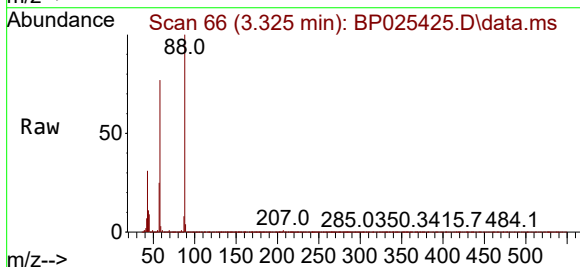
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

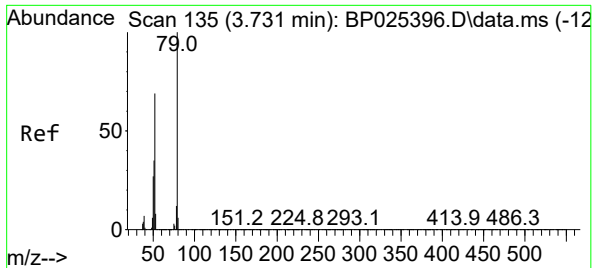
Tgt Ion:152 Resp: 168072
Ion Ratio Lower Upper
152 100
150 154.0 125.9 188.9
115 62.1 48.5 72.7



#2
1,4-Dioxane
Concen: 37.144 ng
RT: 3.325 min Scan# 66
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion: 88 Resp: 147246
Ion Ratio Lower Upper
88 100
58 75.5 59.2 88.8
43 28.1 21.7 32.5

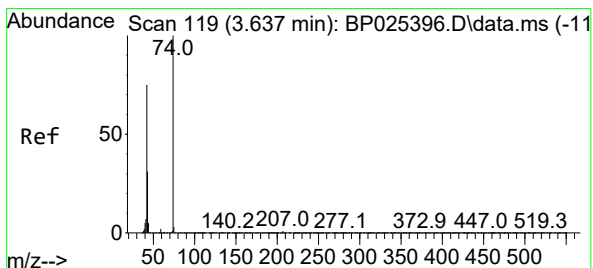
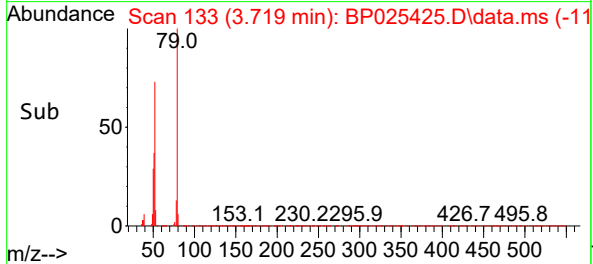
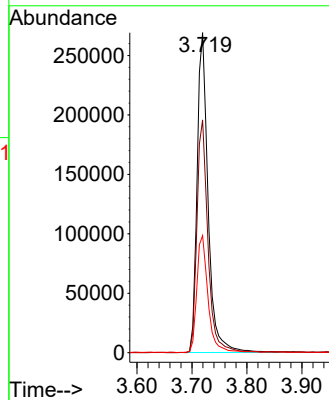
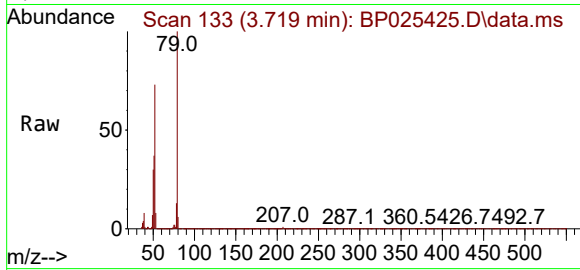




#3
Pyridine
Concen: 34.463 ng
RT: 3.719 min Scan# 111
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

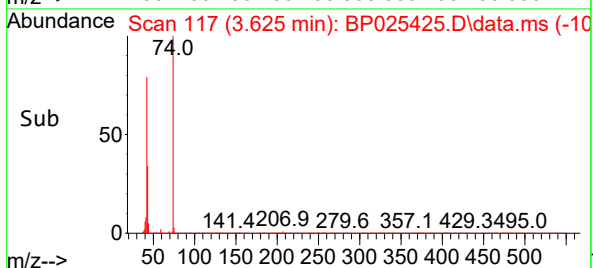
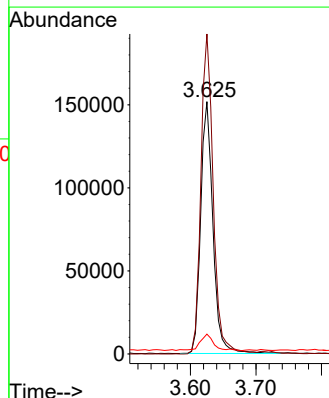
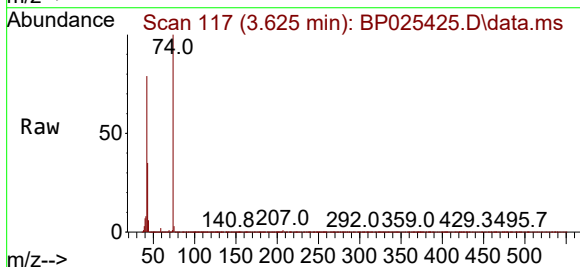
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

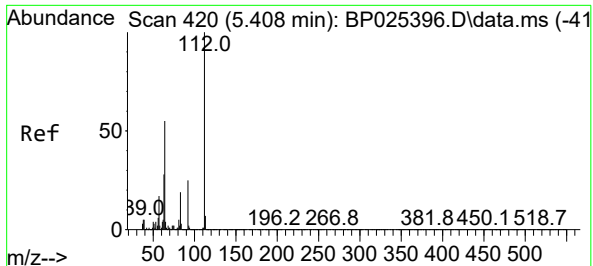
Tgt Ion: 79 Resp: 373939
Ion Ratio Lower Upper
79 100
52 72.8 55.5 83.3
51 36.6 28.3 42.5



#4
n-Nitrosodimethylamine
Concen: 44.239 ng
RT: 3.625 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion: 42 Resp: 197894
Ion Ratio Lower Upper
42 100
74 126.8 107.0 160.4
44 7.9 6.2 9.4

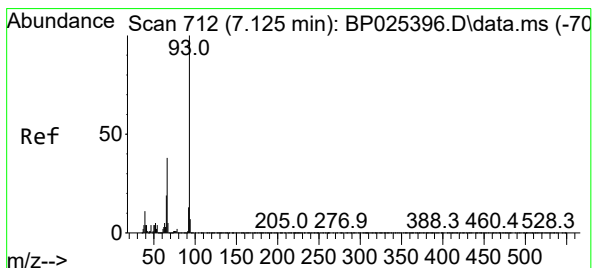
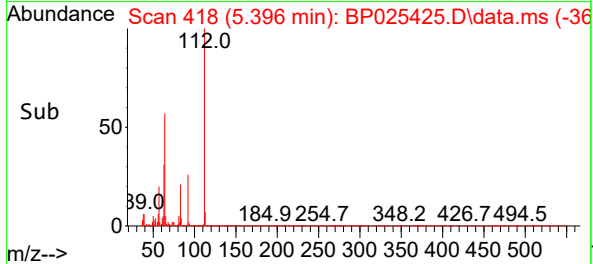
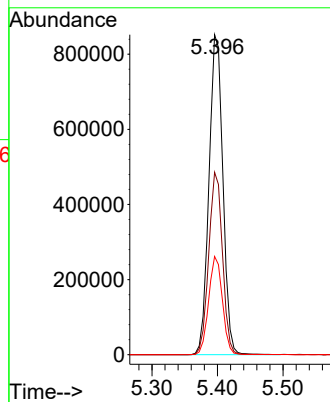
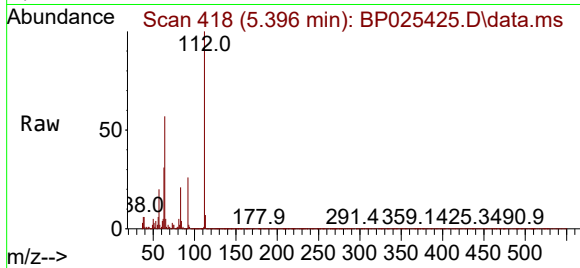




#5
2-Fluorophenol
Concen: 124.443 ng
RT: 5.396 min Scan# 41
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

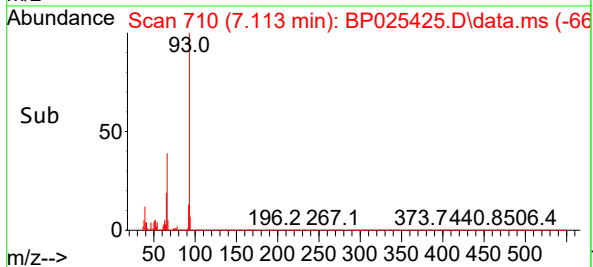
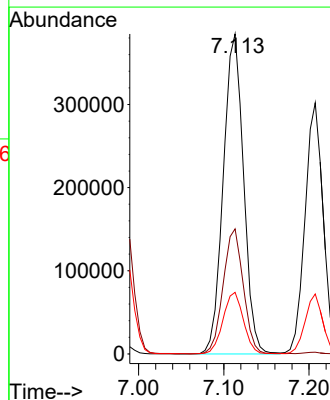
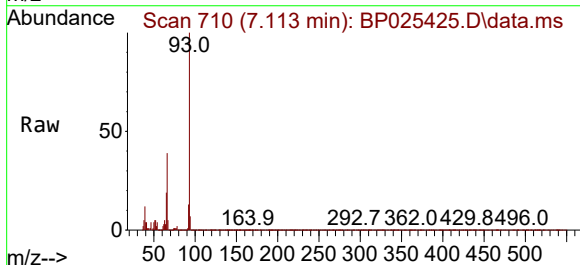
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

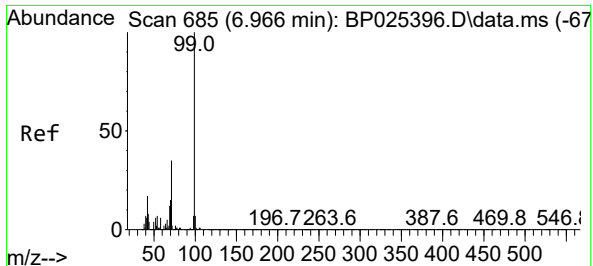
Tgt Ion:112 Resp: 1259438
Ion Ratio Lower Upper
112 100
64 57.0 43.8 65.8
63 30.7 22.7 34.1



#6
Aniline
Concen: 36.394 ng
RT: 7.113 min Scan# 710
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion: 93 Resp: 636255
Ion Ratio Lower Upper
93 100
66 39.1 30.4 45.6
65 19.3 15.3 22.9

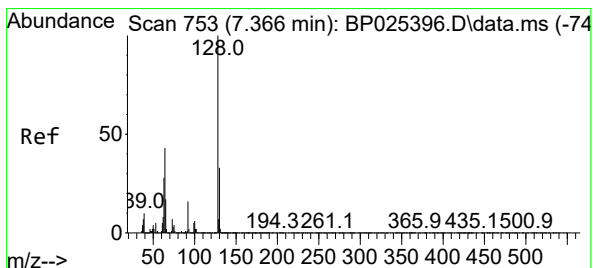
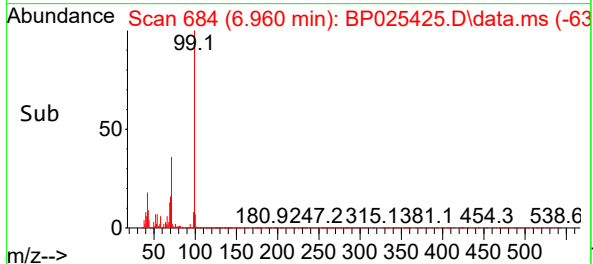
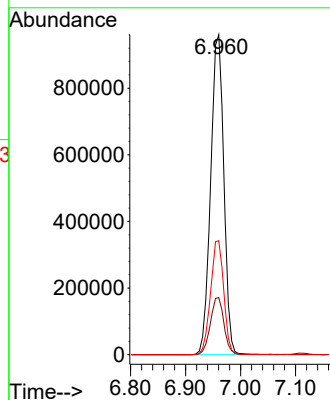
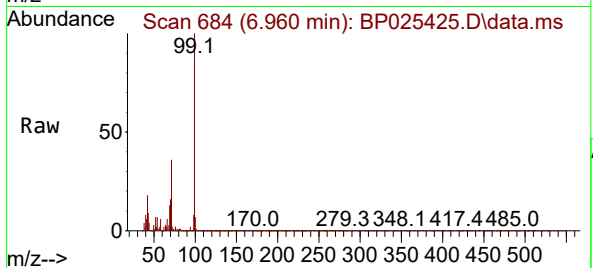




#7
Phenol-d6
Concen: 123.363 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

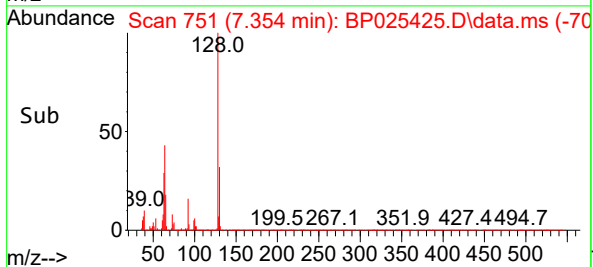
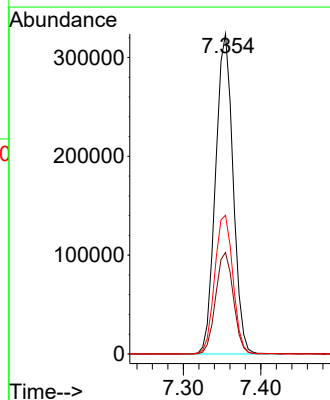
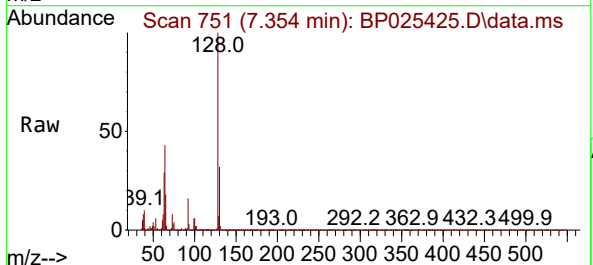
Instrument :
BNA_P
ClientSampleId :
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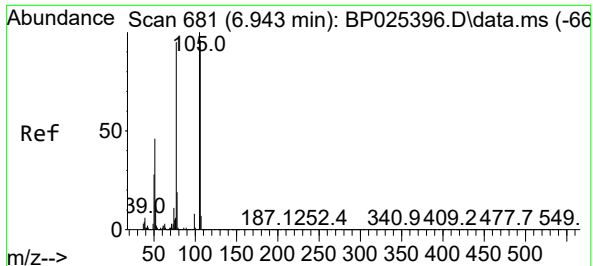
Tgt Ion: 99 Resp: 1600680
Ion Ratio Lower Upper
99 100
42 17.8 13.7 20.5
71 35.6 28.2 42.4



#8
2-Chlorophenol
Concen: 44.657 ng
RT: 7.354 min Scan# 751
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion: 128 Resp: 510013
Ion Ratio Lower Upper
128 100
130 31.7 12.6 52.6
64 43.3 23.4 63.4

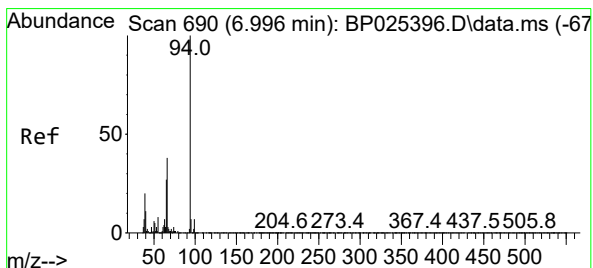
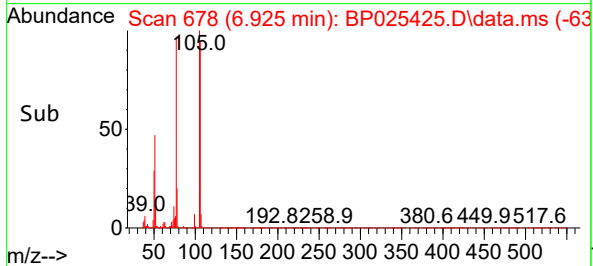
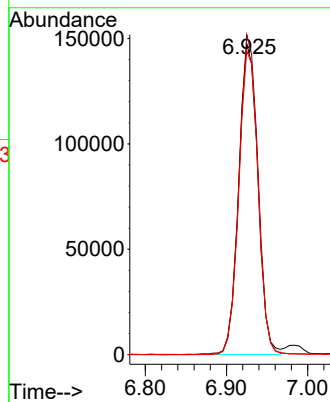
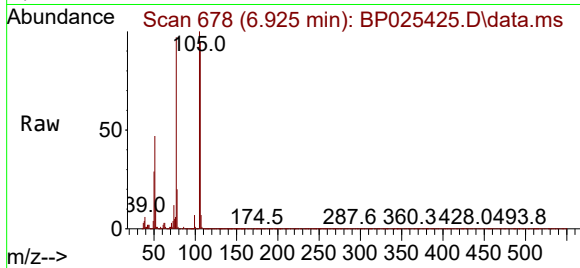




#9
Benzaldehyde
Concen: 26.600 ng
RT: 6.925 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

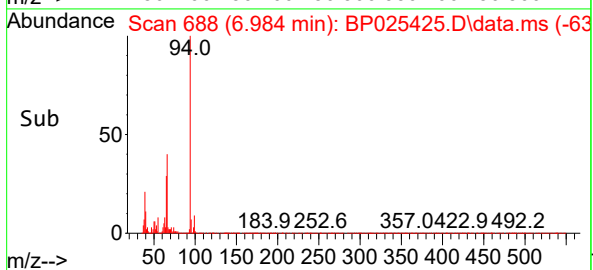
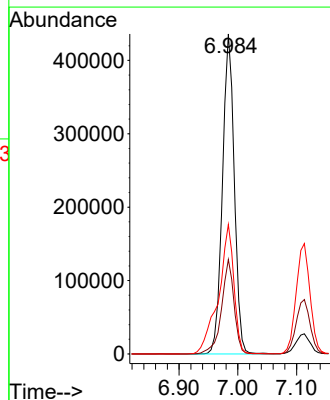
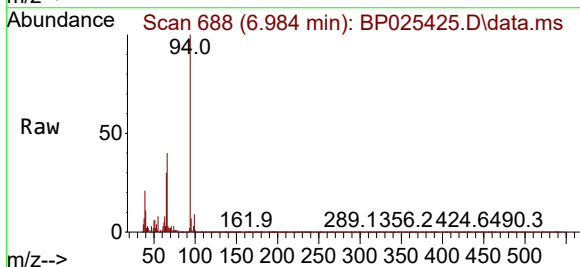
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

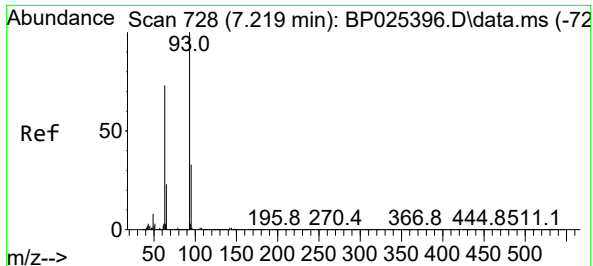
Tgt Ion: 77 Resp: 241816
Ion Ratio Lower Upper
77 100
105 103.0 84.8 124.8
106 97.7 80.5 120.5



#10
Phenol
Concen: 44.909 ng
RT: 6.984 min Scan# 688
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion: 94 Resp: 611448
Ion Ratio Lower Upper
94 100
65 29.5 6.8 46.8
66 40.4 18.2 58.2

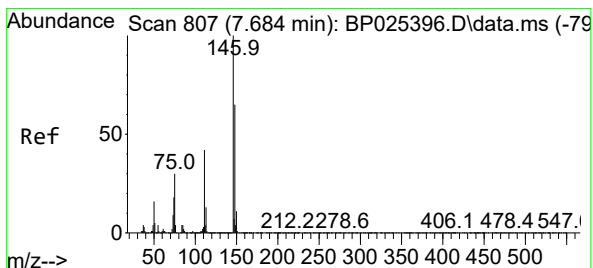
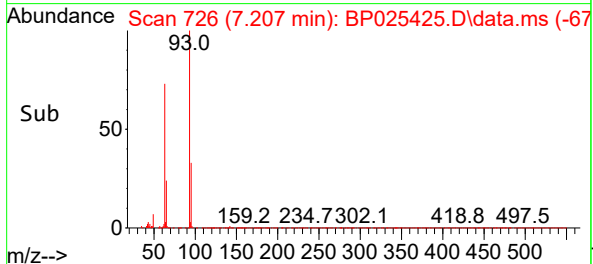
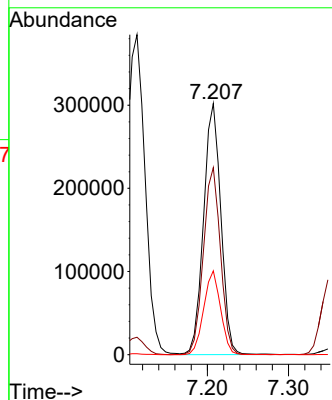
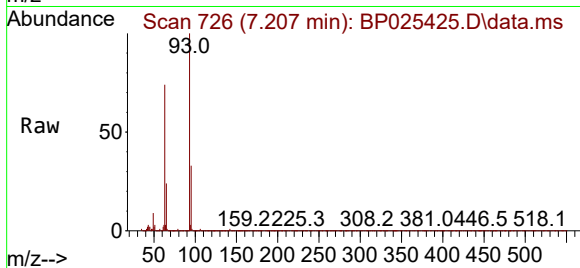




#11
bis(2-Chloroethyl)ether
Concen: 42.162 ng
RT: 7.207 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

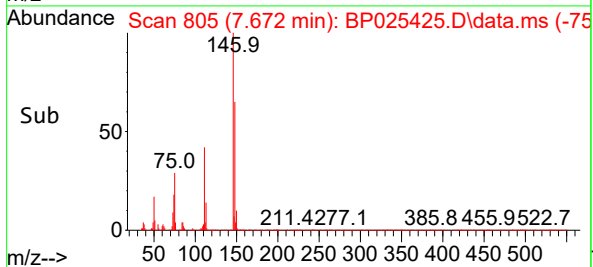
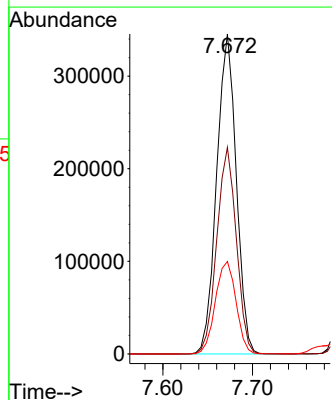
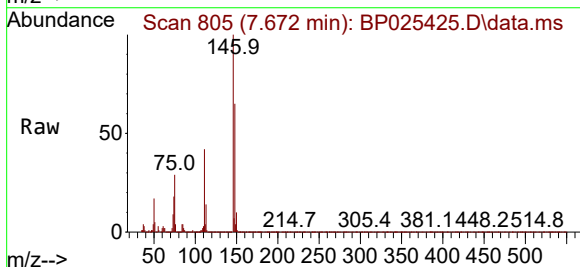
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

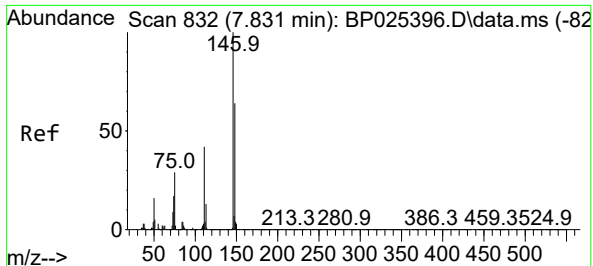
Tgt Ion: 93 Resp: 447428
Ion Ratio Lower Upper
93 100
63 74.5 52.6 92.6
95 33.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 41.664 ng
RT: 7.672 min Scan# 805
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion: 146 Resp: 524682
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
75 28.9 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 41.695 ng

RT: 7.813 min Scan# 81

Delta R.T. -0.018 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

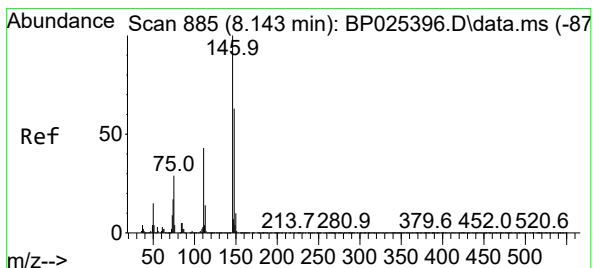
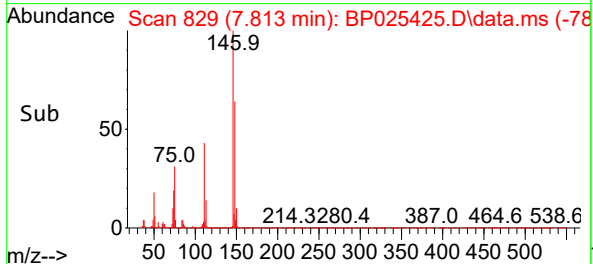
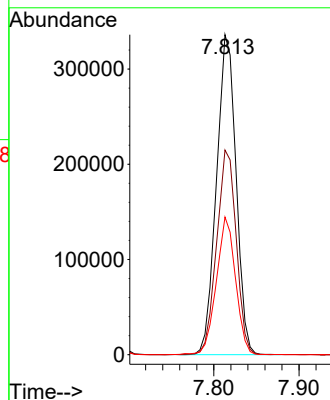
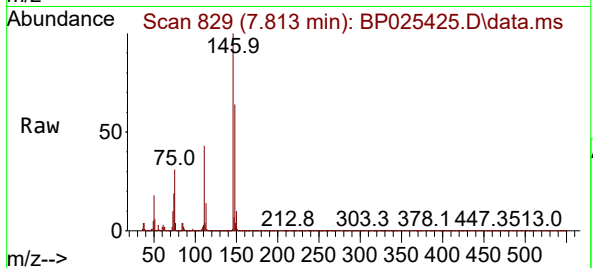
Tgt Ion:146 Resp: 536677

Ion Ratio Lower Upper

146 100

148 64.0 51.6 77.4

111 43.0 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 41.593 ng

RT: 8.131 min Scan# 883

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

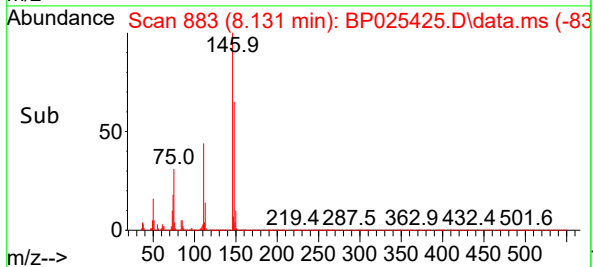
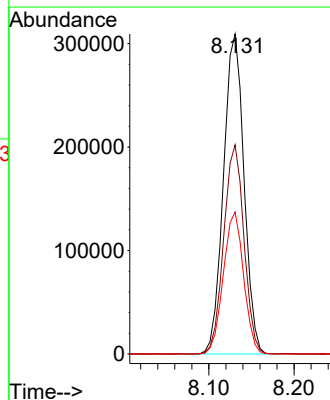
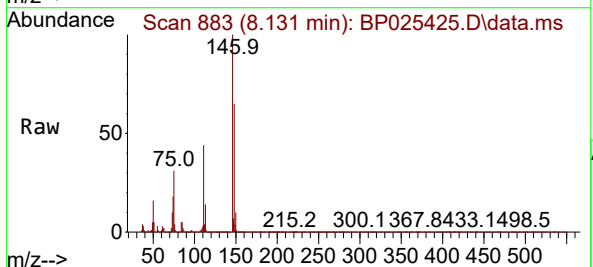
Tgt Ion:146 Resp: 518242

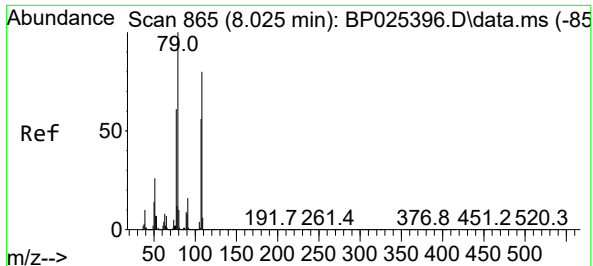
Ion Ratio Lower Upper

146 100

148 65.4 50.4 75.6

111 44.4 34.5 51.7

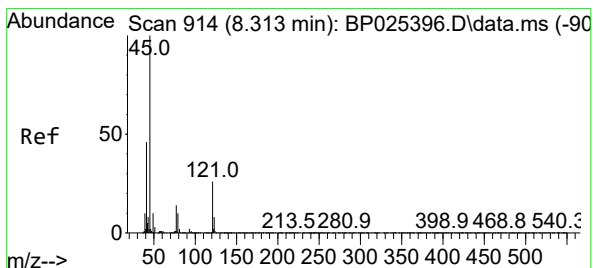
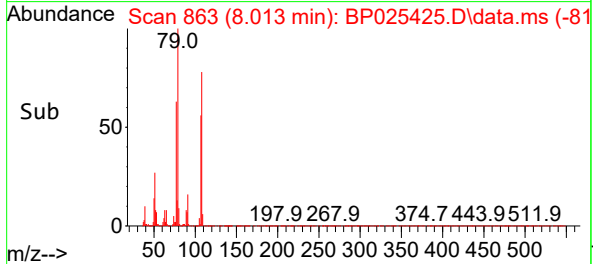
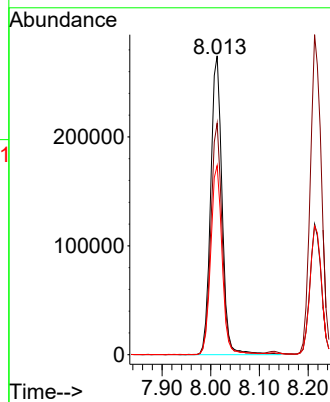
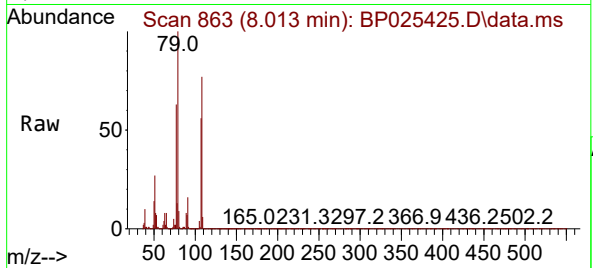




#15
Benzyl Alcohol
Concen: 43.066 ng
RT: 8.013 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

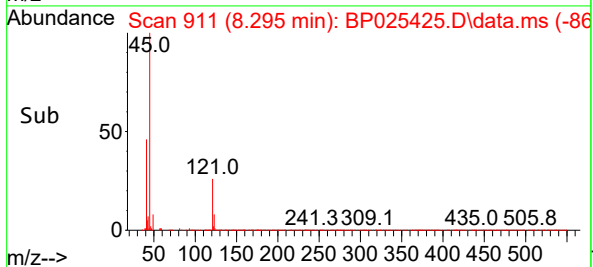
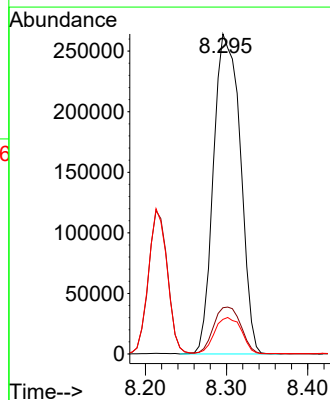
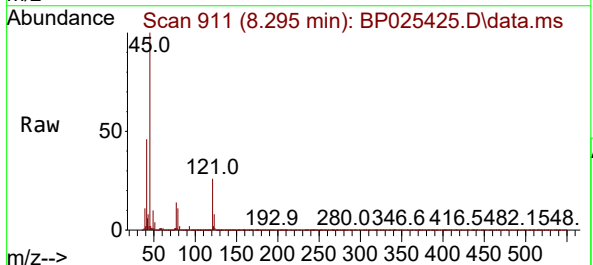
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

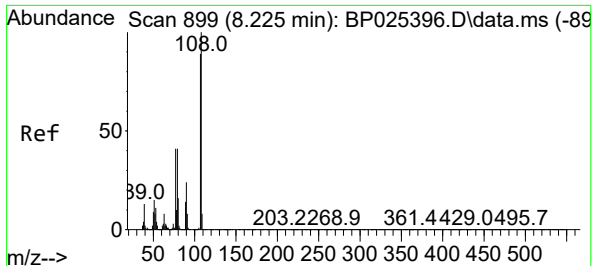
Tgt Ion: 79 Resp: 443998
Ion Ratio Lower Upper
79 100
108 77.5 63.8 95.6
77 63.3 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.615 ng
RT: 8.295 min Scan# 911
Delta R.T. -0.018 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion: 45 Resp: 605807
Ion Ratio Lower Upper
45 100
77 14.4 0.0 35.3
79 10.8 0.0 31.8

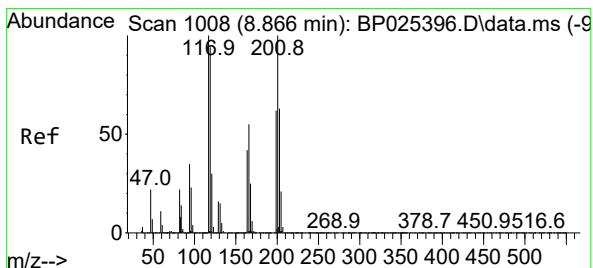
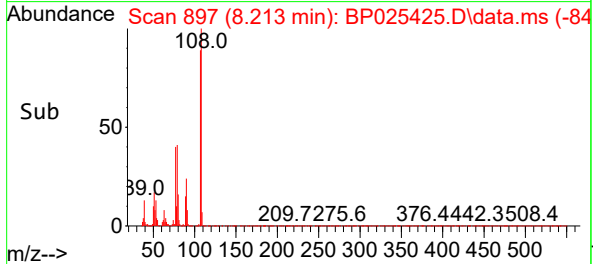
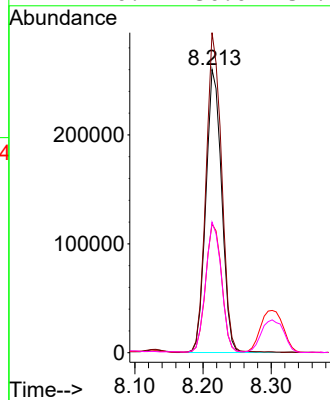
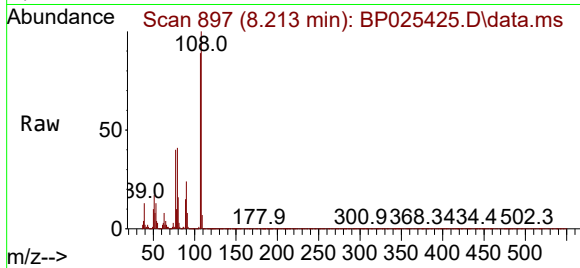




#17
2-Methylphenol
Concen: 44.217 ng
RT: 8.213 min Scan# 899
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

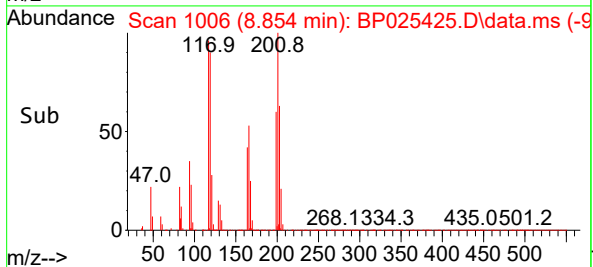
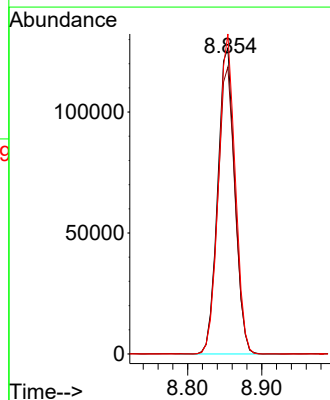
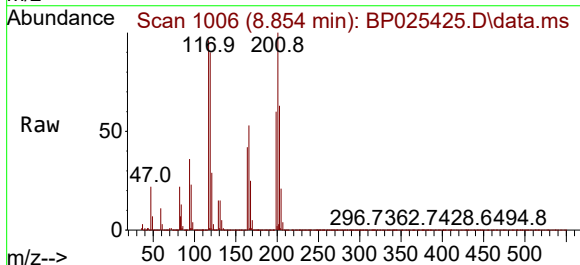
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

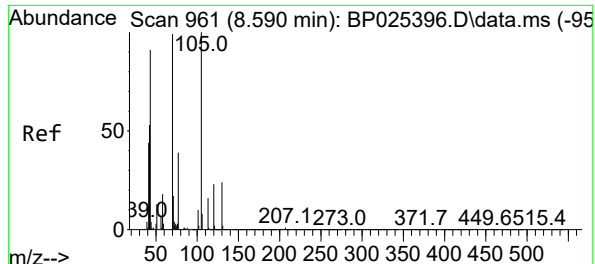
Tgt Ion:107 Resp: 418119
Ion Ratio Lower Upper
107 100
108 113.0 89.4 134.0
77 45.5 36.3 54.5
79 46.1 36.6 54.8



#18
Hexachloroethane
Concen: 42.792 ng
RT: 8.854 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:117 Resp: 202516
Ion Ratio Lower Upper
117 100
119 93.8 75.1 112.7
201 104.6 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 39.885 ng

RT: 8.578 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

Tgt Ion: 70 Resp: 342802

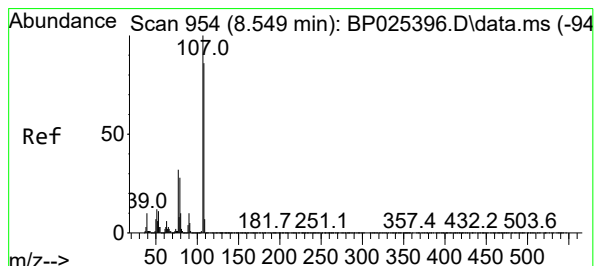
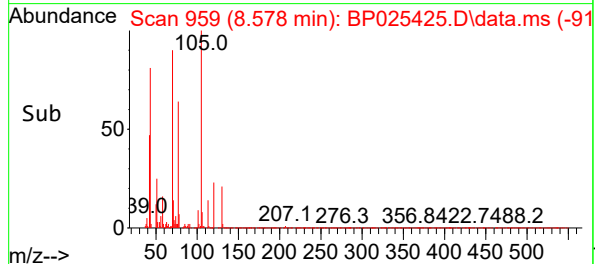
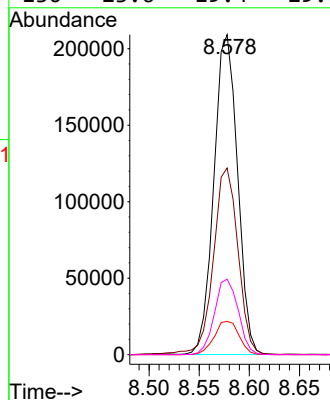
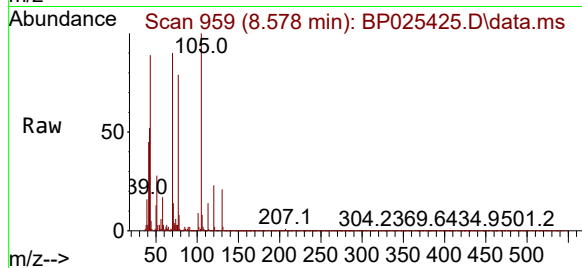
Ion Ratio Lower Upper

70 100

42 58.4 43.8 65.6

101 10.4 8.5 12.7

130 23.6 19.4 29.0



#20

3+4-Methylphenols

Concen: 43.523 ng

RT: 8.537 min Scan# 952

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Tgt Ion: 107 Resp: 570482

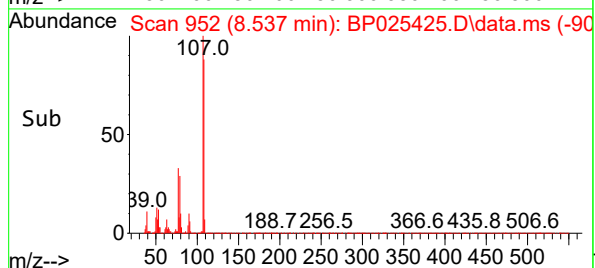
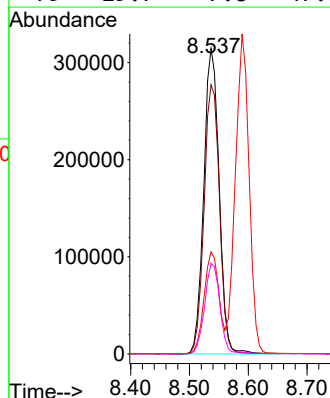
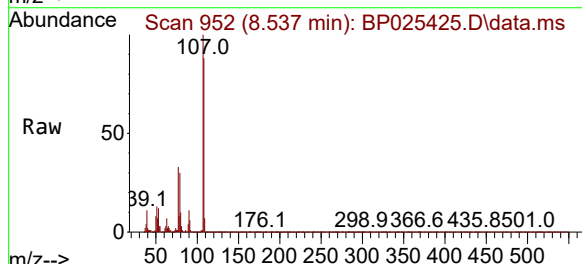
Ion Ratio Lower Upper

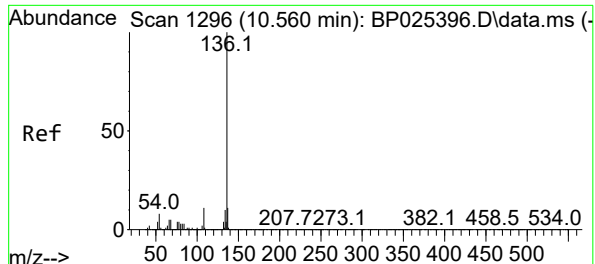
107 100

108 88.2 66.3 106.3

77 33.4 12.3 52.3

79 29.7 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.548 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

Tgt Ion:136 Resp: 666741

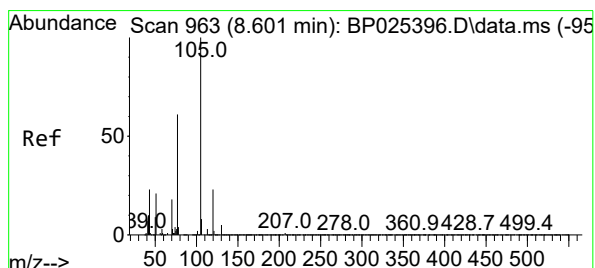
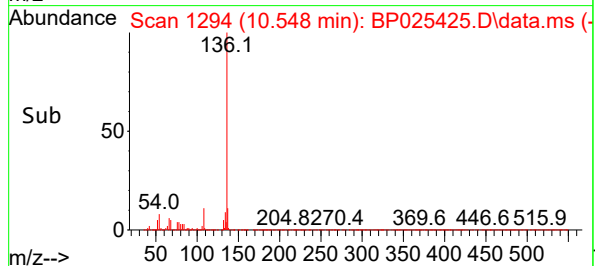
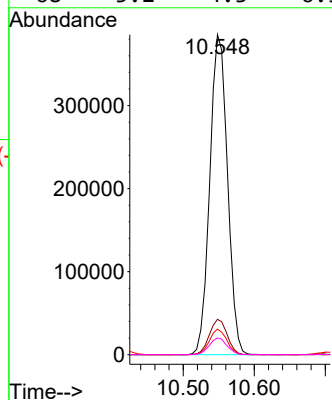
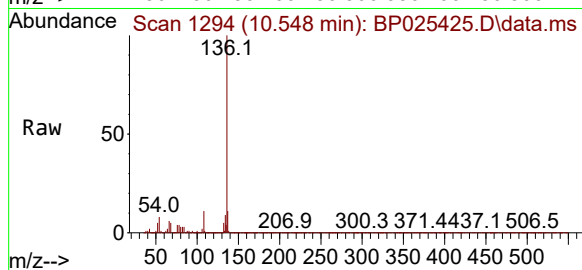
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 8.0 6.0 9.0

68 5.2 4.3 6.5



#22

Acetophenone

Concen: 42.891 ng

RT: 8.590 min Scan# 961

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Tgt Ion:105 Resp: 717162

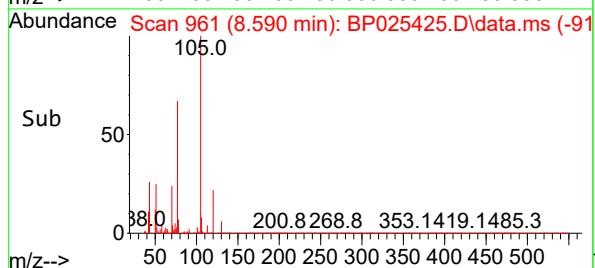
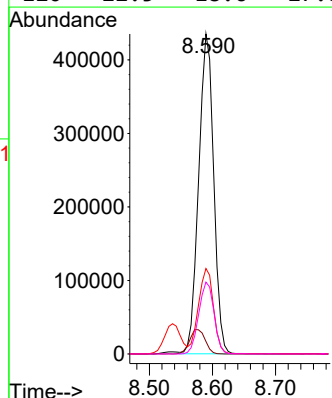
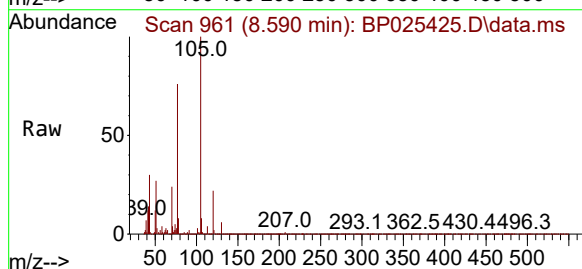
Ion Ratio Lower Upper

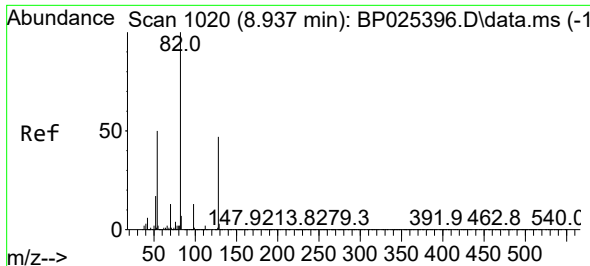
105 100

71 3.9 2.6 4.0

51 26.7 20.6 30.8

120 22.5 18.6 27.8





#23

Nitrobenzene-d5

Concen: 77.424 ng

RT: 8.919 min Scan# 1017

Delta R.T. -0.018 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

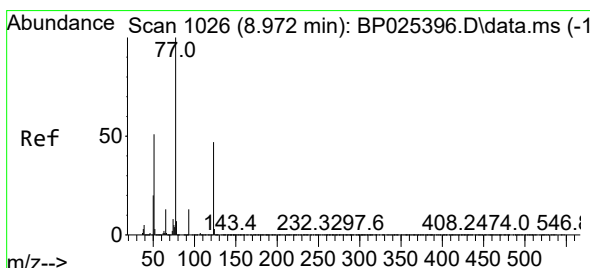
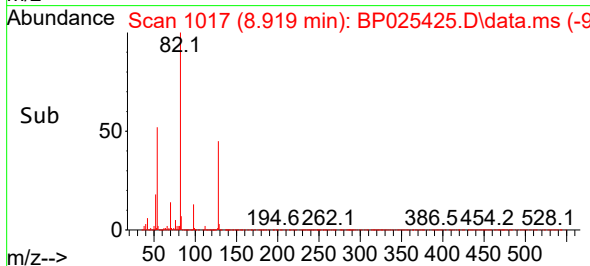
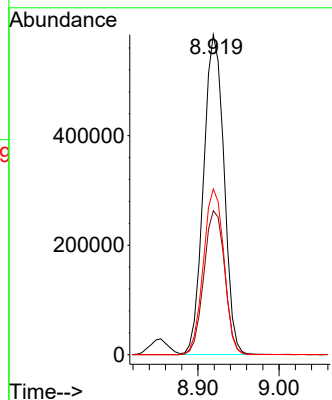
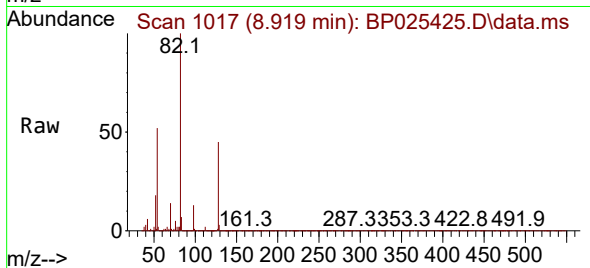
Tgt Ion: 82 Resp: 1020486

Ion Ratio Lower Upper

82 100

128 45.0 37.7 56.5

54 51.8 39.8 59.6



#24

Nitrobenzene

Concen: 44.976 ng

RT: 8.960 min Scan# 1024

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

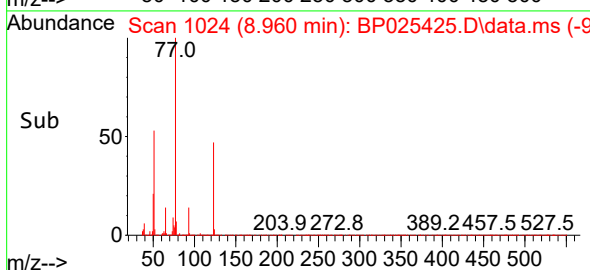
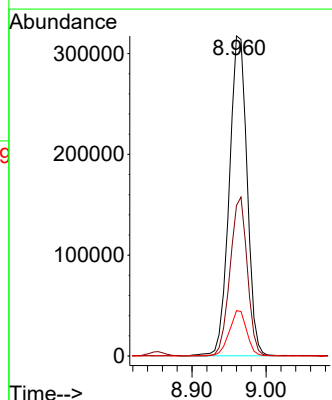
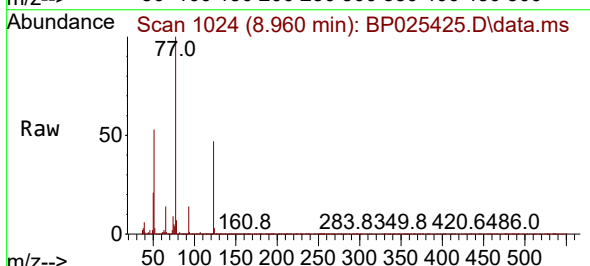
Tgt Ion: 77 Resp: 529804

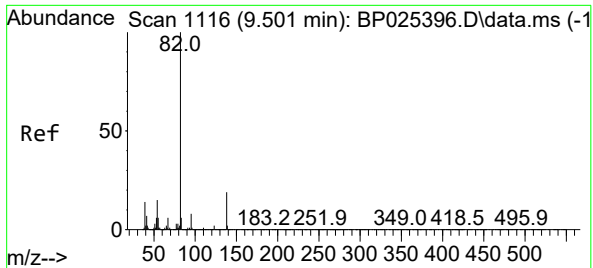
Ion Ratio Lower Upper

77 100

123 47.1 38.6 58.0

65 14.2 10.6 15.8

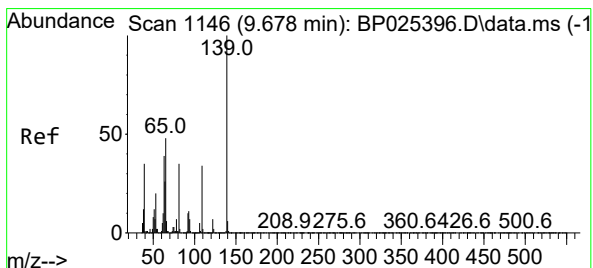
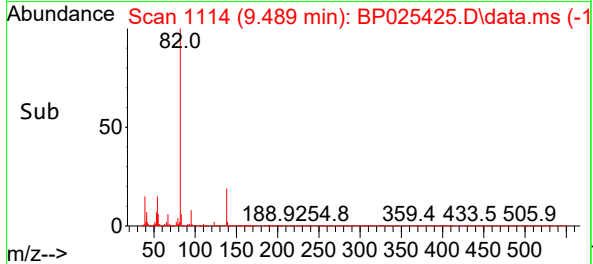
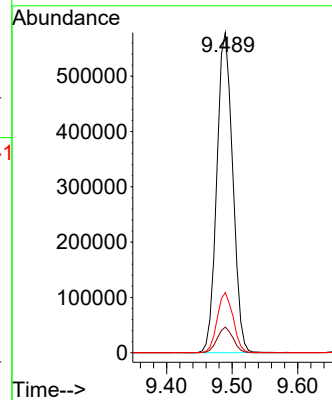
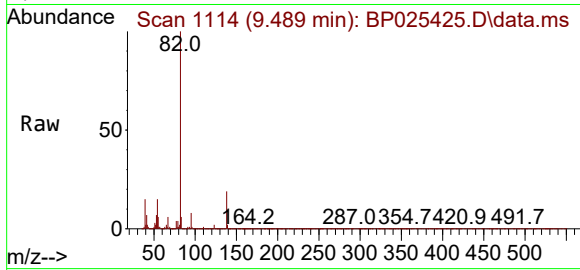




#25
Isophorone
Concen: 41.739 ng
RT: 9.489 min Scan# 1116
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

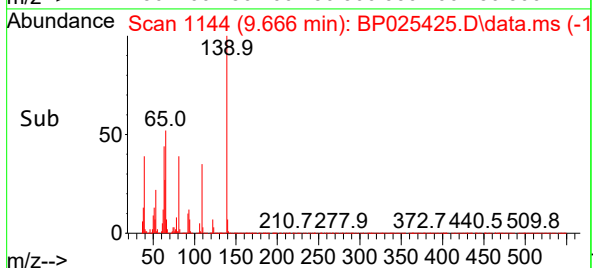
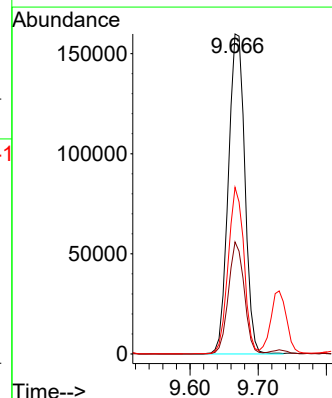
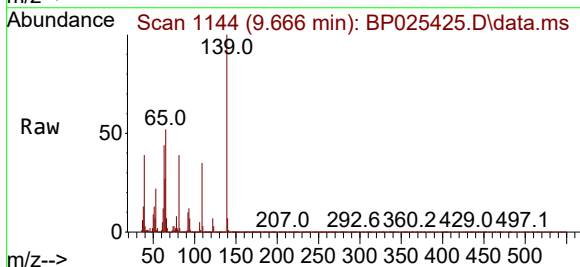
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

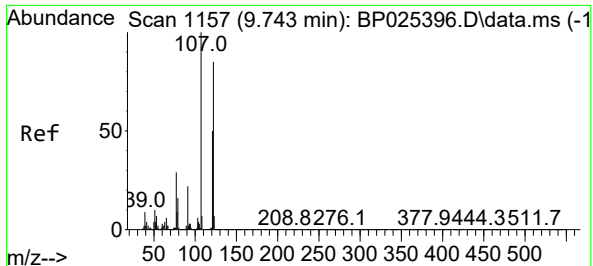
Tgt Ion: 82 Resp: 973615
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 18.8 15.4 23.0



#26
2-Nitrophenol
Concen: 44.509 ng
RT: 9.666 min Scan# 1144
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion: 139 Resp: 269071
Ion Ratio Lower Upper
139 100
109 35.0 26.9 40.3
65 52.0 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 45.278 ng

RT: 9.731 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

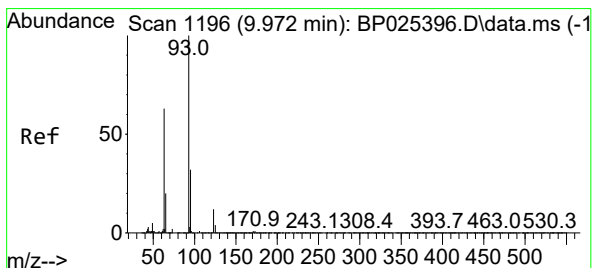
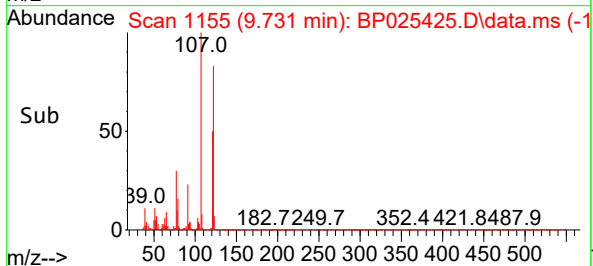
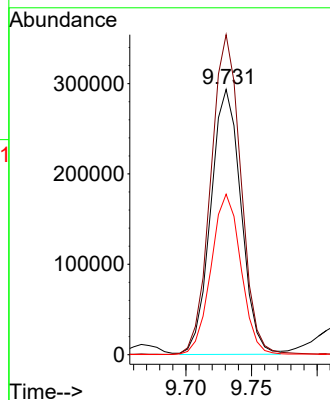
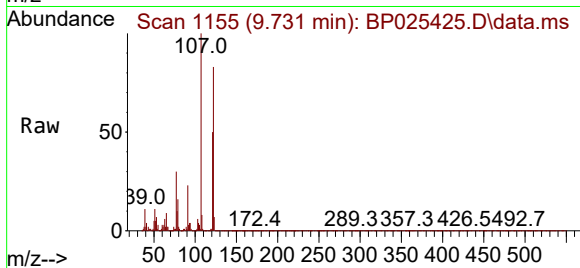
Tgt Ion:122 Resp: 470718

Ion Ratio Lower Upper

122 100

107 120.6 93.7 140.5

121 60.5 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 42.754 ng

RT: 9.960 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

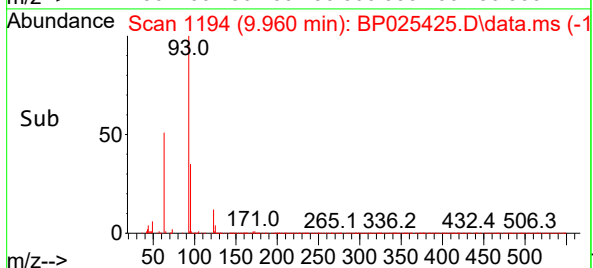
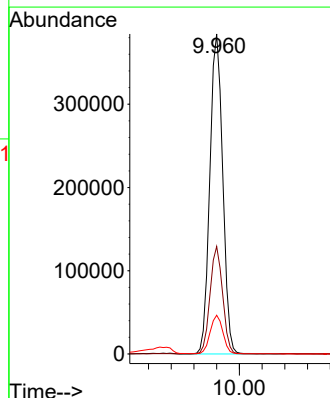
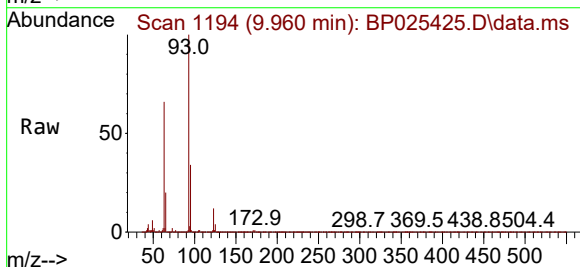
Tgt Ion: 93 Resp: 602831

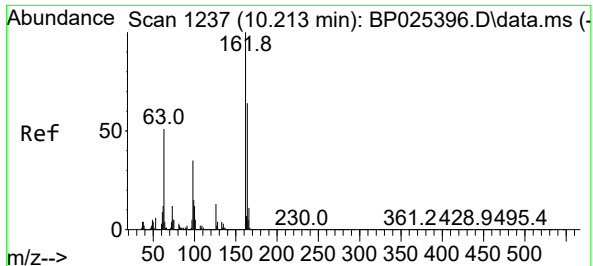
Ion Ratio Lower Upper

93 100

95 33.6 25.4 38.0

123 12.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 45.804 ng

RT: 10.201 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

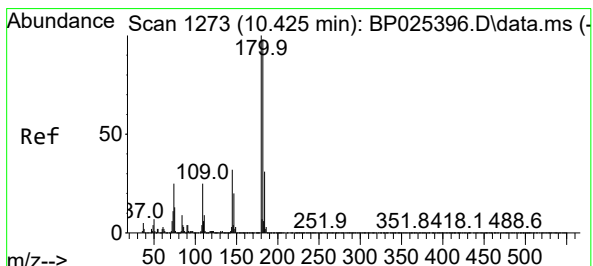
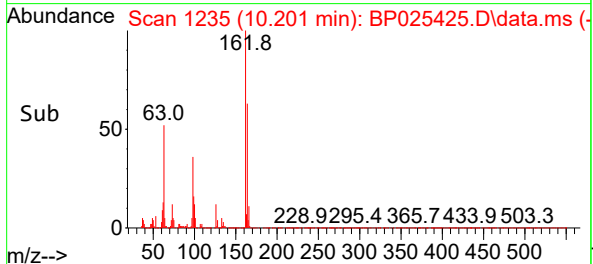
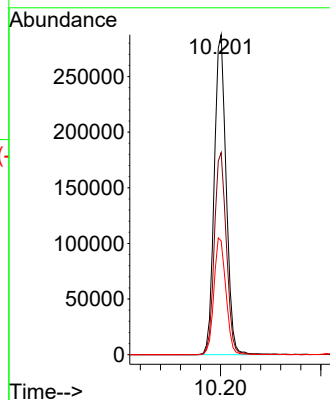
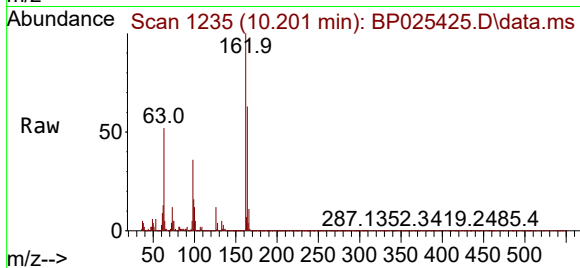
Tgt Ion:162 Resp: 473045

Ion Ratio Lower Upper

162 100

164 63.1 44.4 84.4

98 35.6 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 42.694 ng

RT: 10.419 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

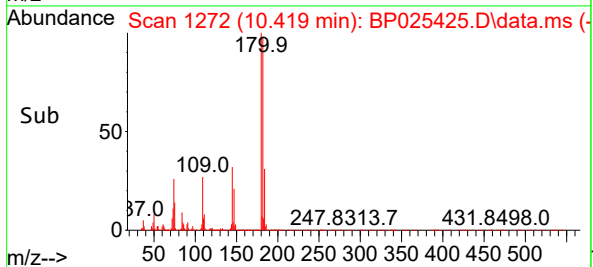
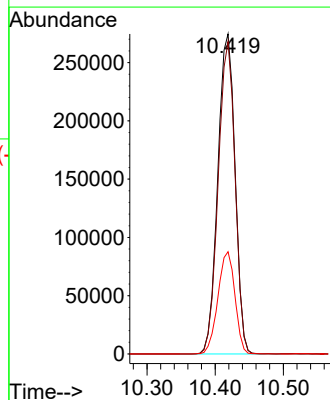
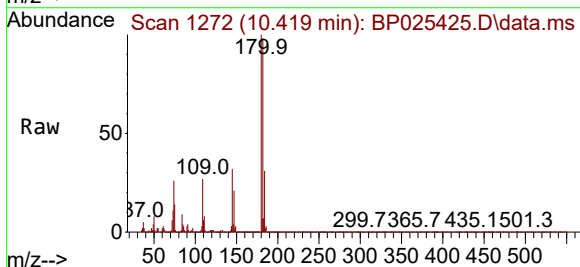
Tgt Ion:180 Resp: 483350

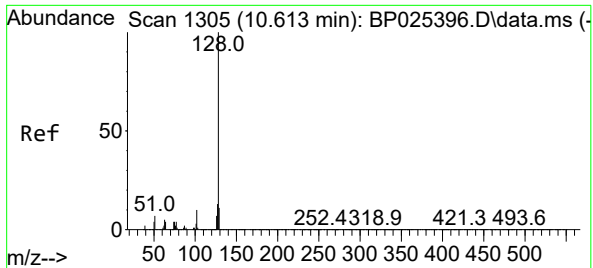
Ion Ratio Lower Upper

180 100

182 97.6 78.0 117.0

145 31.9 25.9 38.9

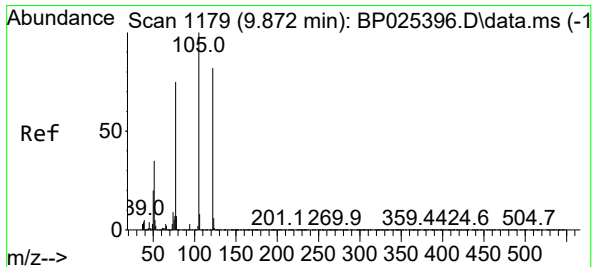
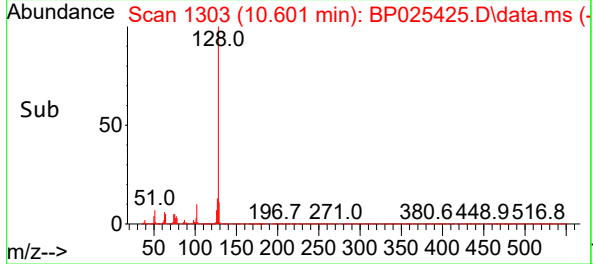
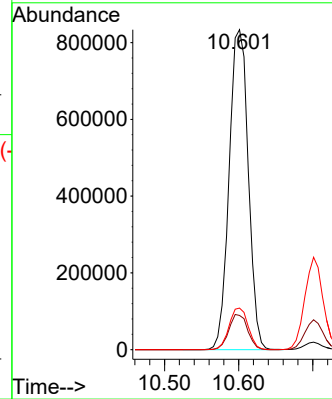
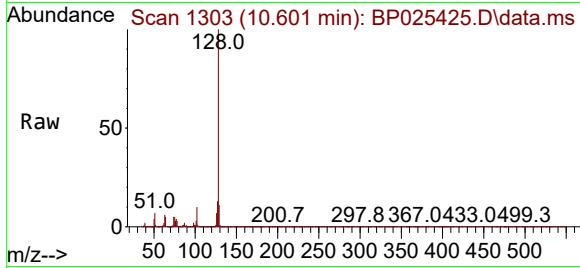




#31
Naphthalene
Concen: 43.131 ng
RT: 10.601 min Scan# 111
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

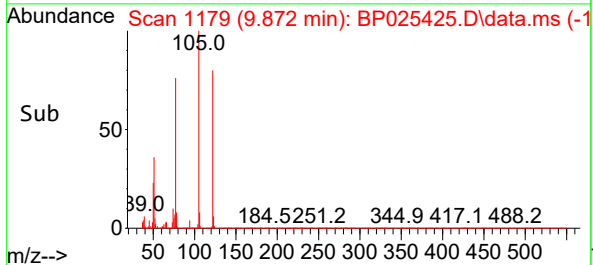
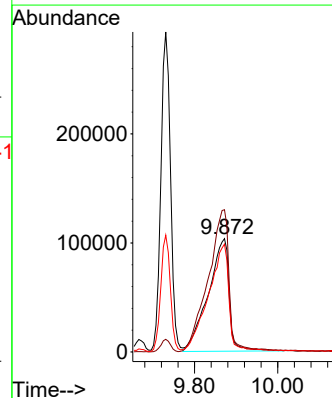
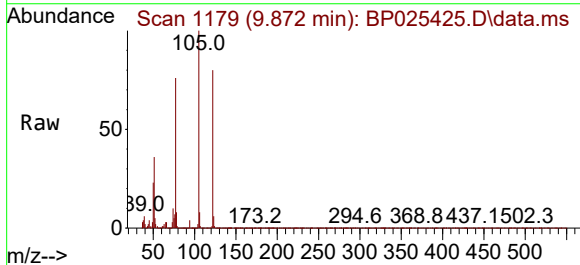
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

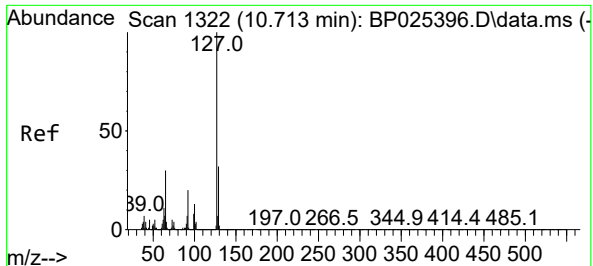
Tgt Ion:128 Resp: 1494676
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.0 10.7 16.1



#32
Benzoic acid
Concen: 47.195 ng
RT: 9.872 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:122 Resp: 362237
Ion Ratio Lower Upper
122 100
105 125.6 100.6 140.6
77 95.2 71.5 111.5

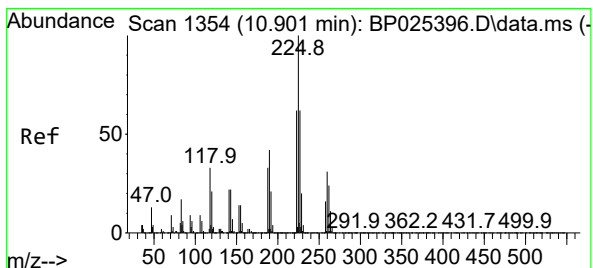
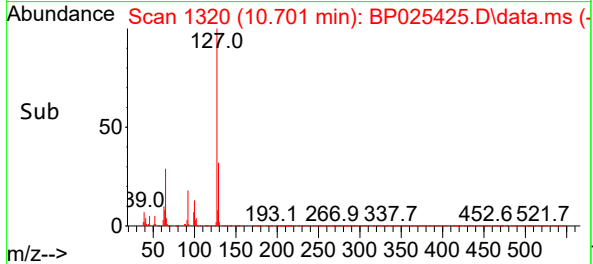
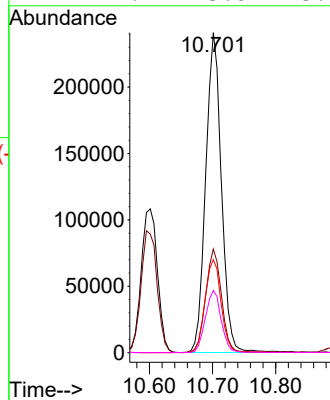
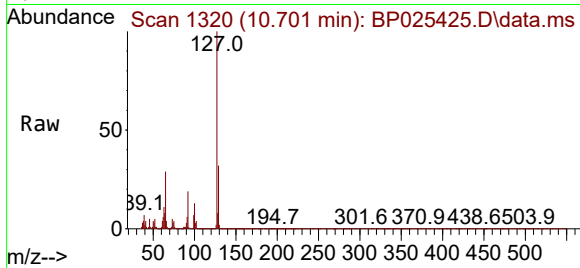




#33
4-Chloroaniline
Concen: 27.153 ng
RT: 10.701 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

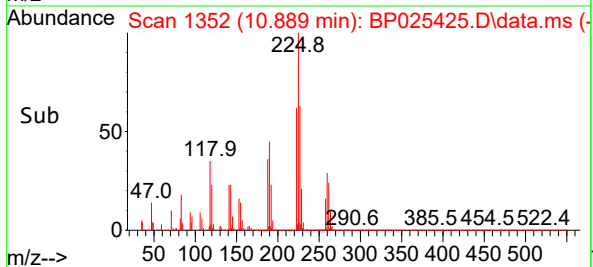
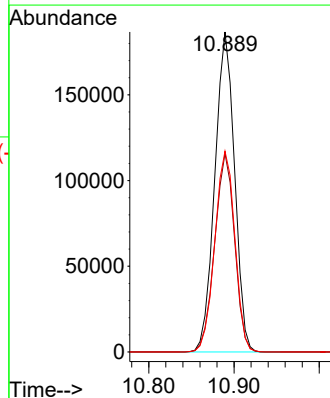
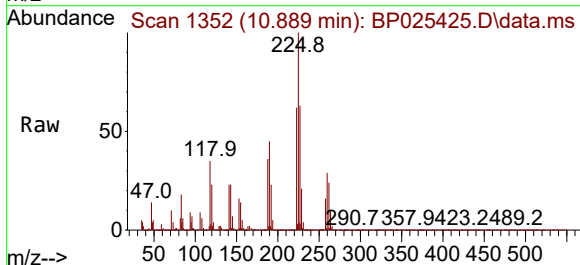
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

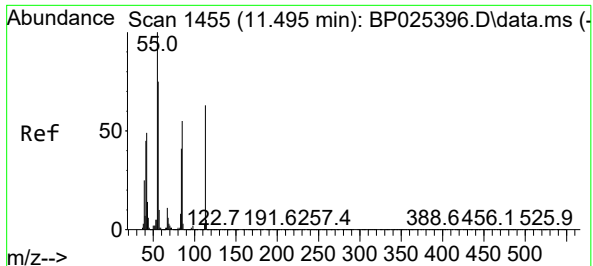
Tgt Ion:	127	Resp:	415649
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.4	38.2
65	29.1	23.8	35.6
92	19.4	15.8	23.8



#34
Hexachlorobutadiene
Concen: 42.594 ng
RT: 10.889 min Scan# 1352
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:	225	Resp:	300315
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.0	75.0
227	62.7	49.7	74.5

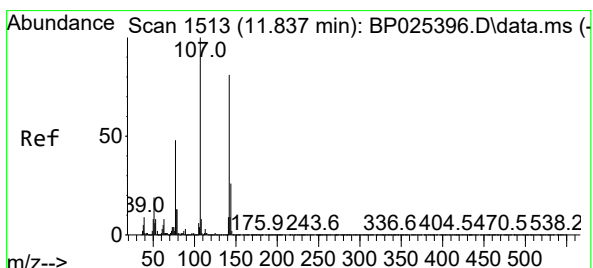
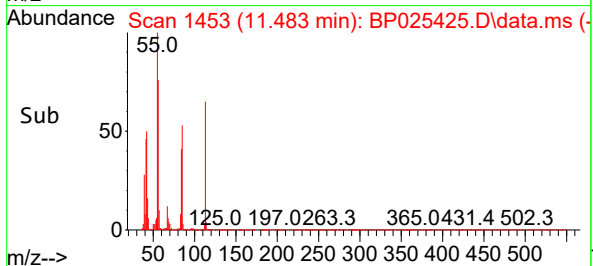
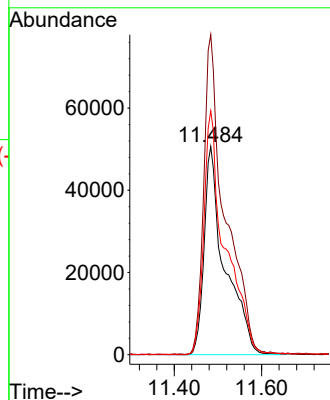
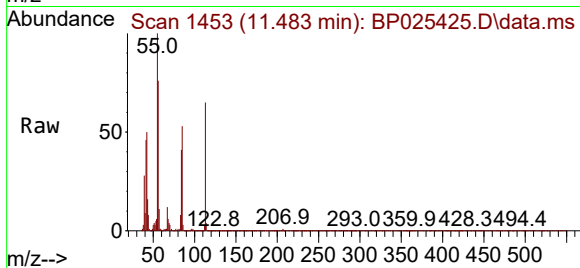




#35
Caprolactam
Concen: 43.898 ng
RT: 11.483 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

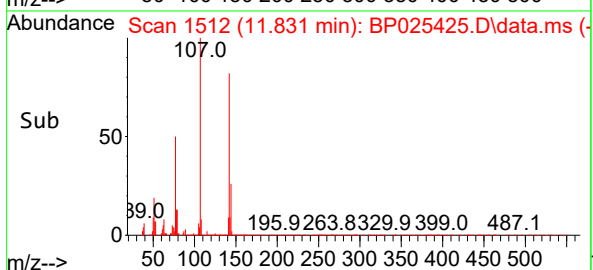
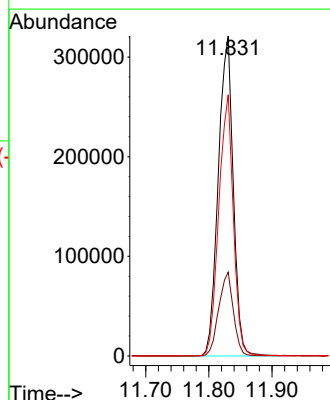
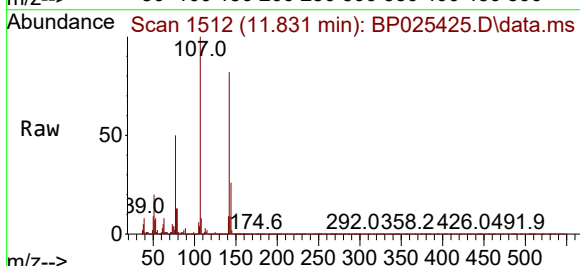
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

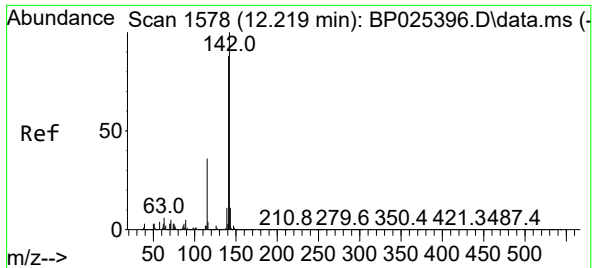
Tgt Ion:113 Resp: 166236
Ion Ratio Lower Upper
113 100
55 153.8 140.0 180.0
56 117.1 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 44.558 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:107 Resp: 528039
Ion Ratio Lower Upper
107 100
144 26.2 21.0 31.4
142 81.6 64.6 97.0

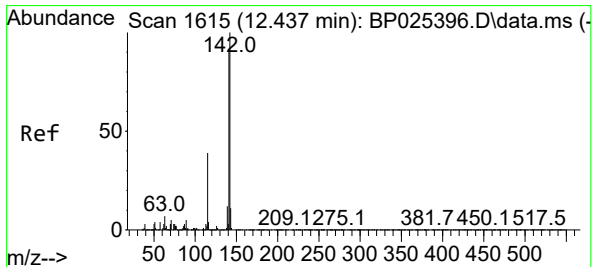
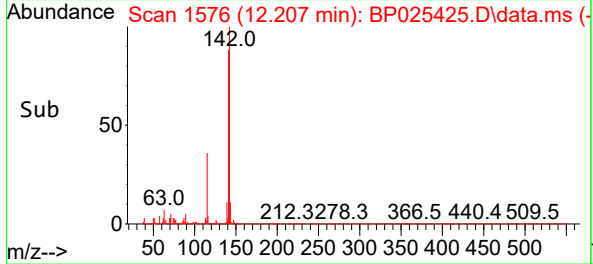
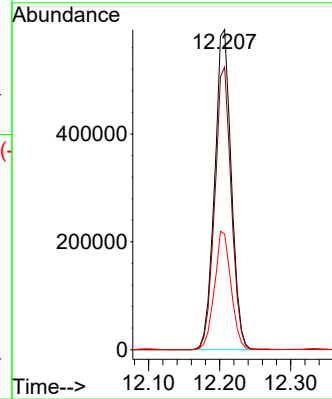
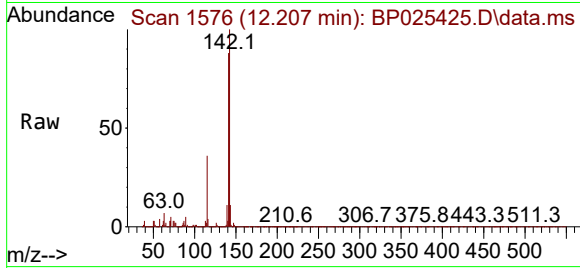




#37
2-Methylnaphthalene
Concen: 42.828 ng
RT: 12.207 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

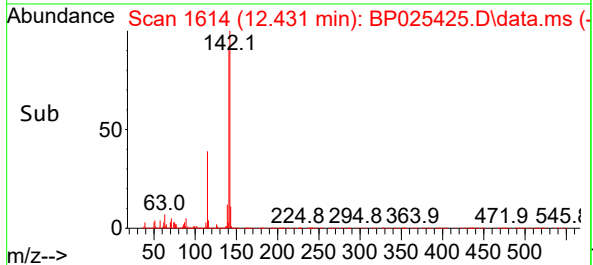
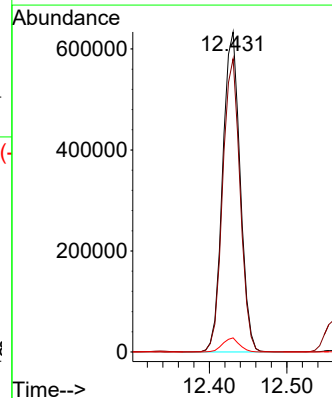
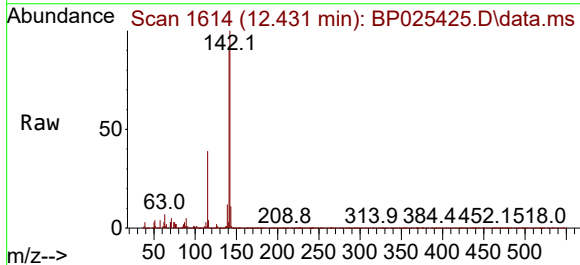
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

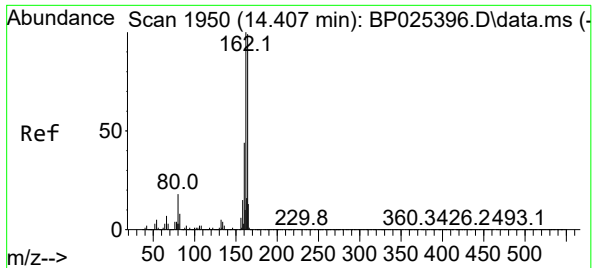
Tgt Ion:142 Resp: 965857
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5
115 36.2 28.9 43.3



#38
1-Methylnaphthalene
Concen: 41.322 ng
RT: 12.431 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:142 Resp: 991029
Ion Ratio Lower Upper
142 100
141 91.7 73.1 109.7
116 4.4 3.2 4.8

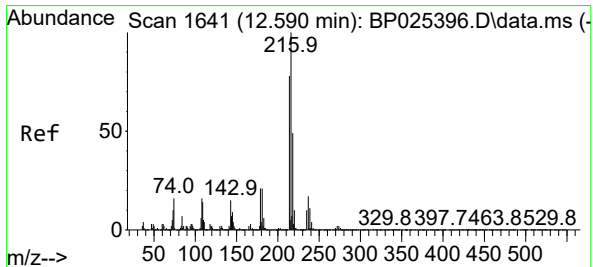
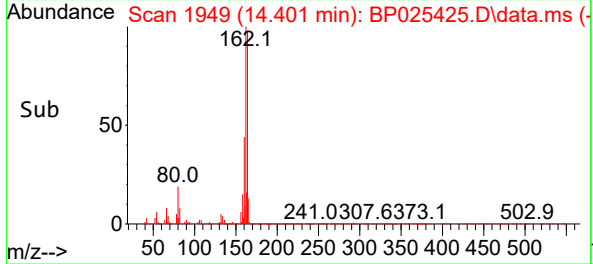
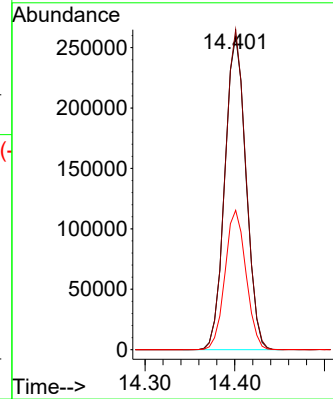
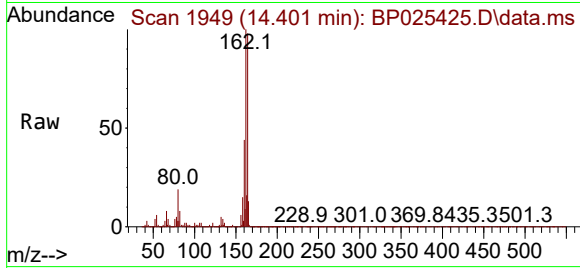




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

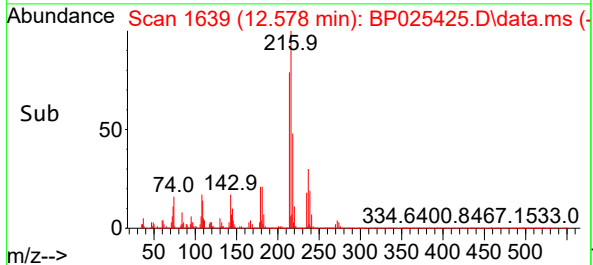
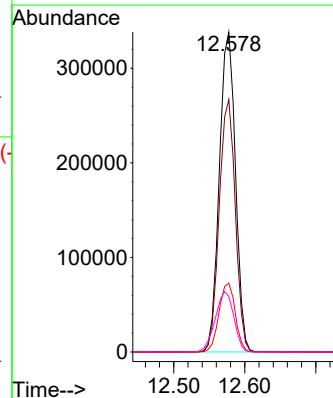
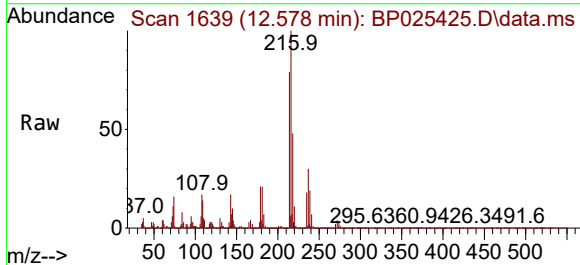
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

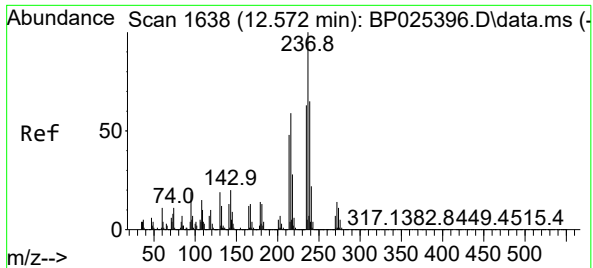
Tgt Ion:164 Resp: 424927
Ion Ratio Lower Upper
164 100
162 102.0 81.0 121.6
160 44.4 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.258 ng
RT: 12.578 min Scan# 1639
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:216 Resp: 530873
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.4
179 21.8 17.1 25.7
108 21.8 14.9 22.3

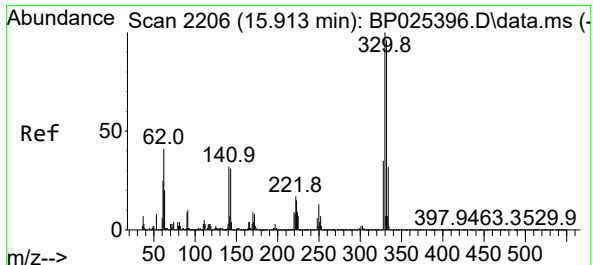
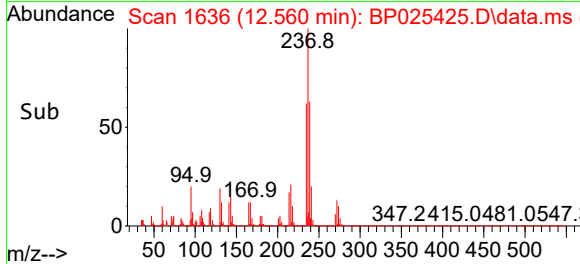
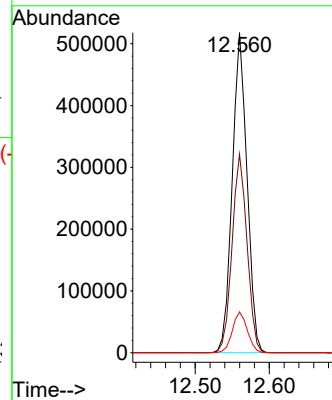
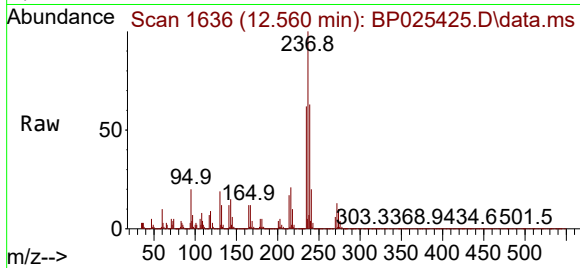




#41
Hexachlorocyclopentadiene
Concen: 96.356 ng
RT: 12.560 min Scan# 1636
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

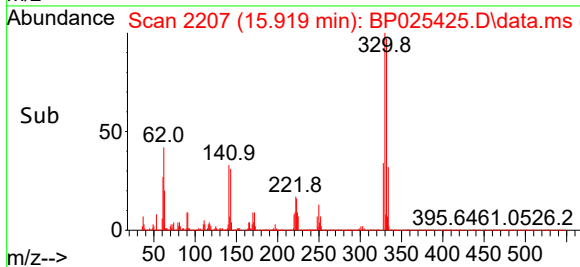
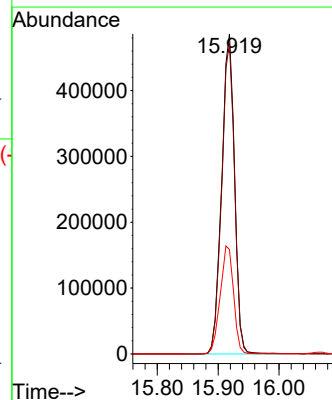
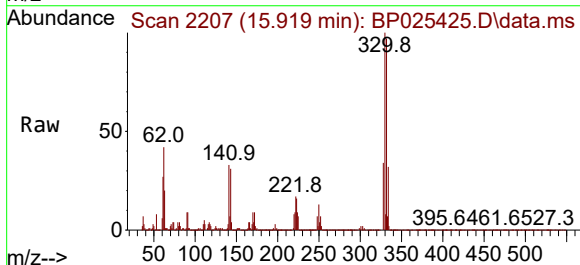
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

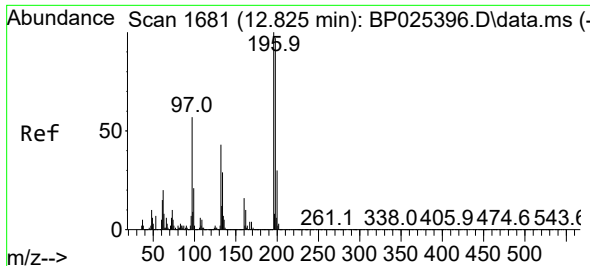
Tgt Ion:237 Resp: 714288
Ion Ratio Lower Upper
237 100
235 62.0 42.7 82.7
272 12.8 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 124.601 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:330 Resp: 712661
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 34.9 26.6 39.8

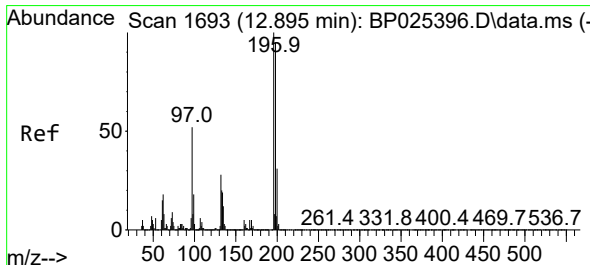
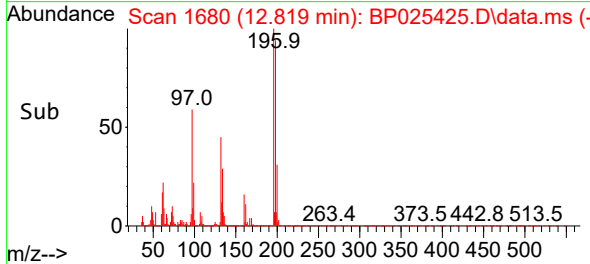
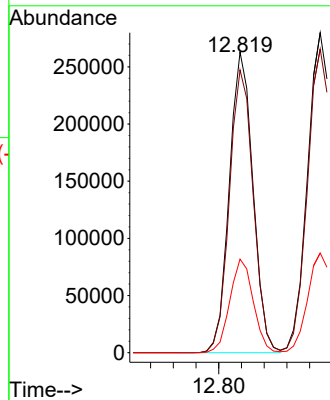
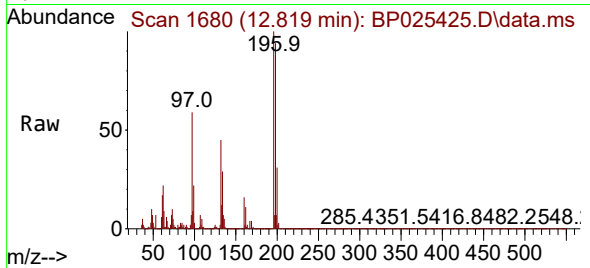




#43
2,4,6-Trichlorophenol
Concen: 45.894 ng
RT: 12.819 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

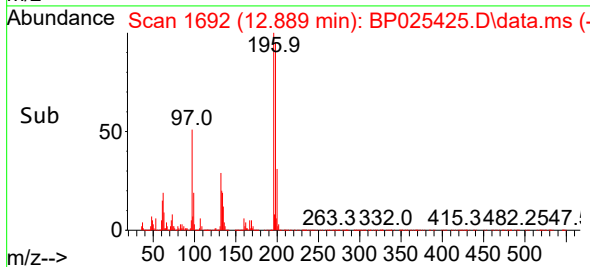
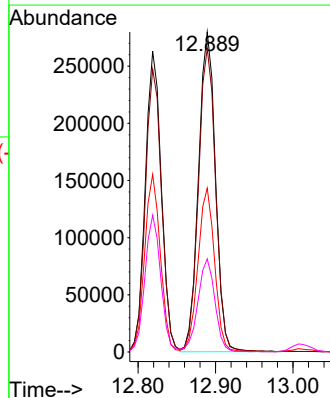
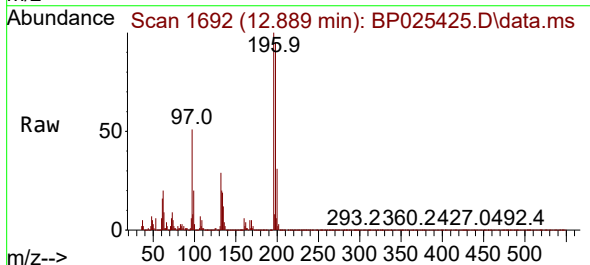
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

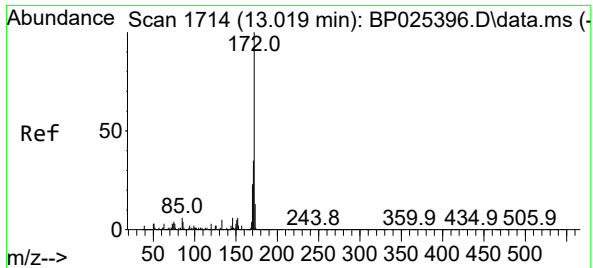
Tgt Ion:196 Resp: 380238
Ion Ratio Lower Upper
196 100
198 94.0 77.2 115.8
200 31.1 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 47.021 ng
RT: 12.889 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:196 Resp: 426971
Ion Ratio Lower Upper
196 100
198 94.9 76.2 114.2
97 51.2 41.2 61.8
132 29.1 22.6 34.0

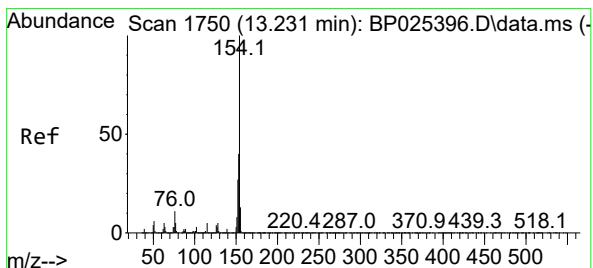
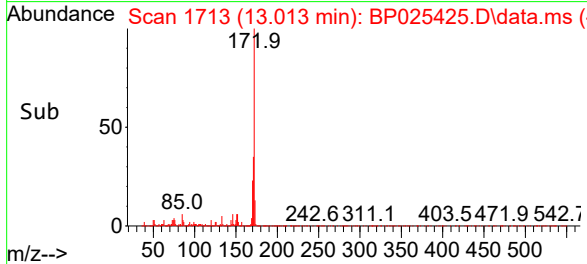
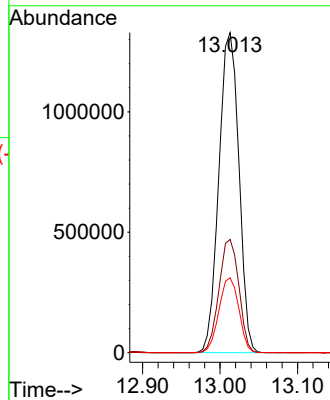
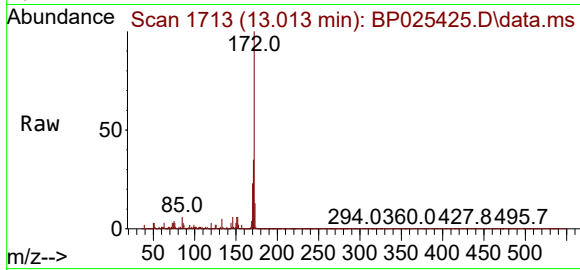




#45
2-Fluorobiphenyl
Concen: 76.778 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

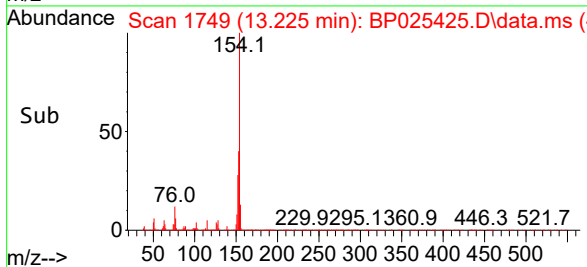
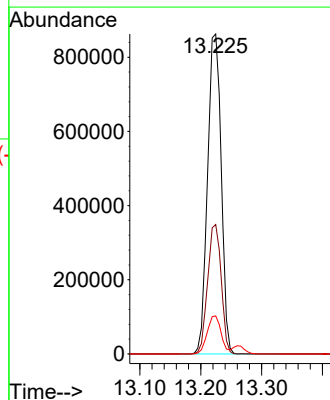
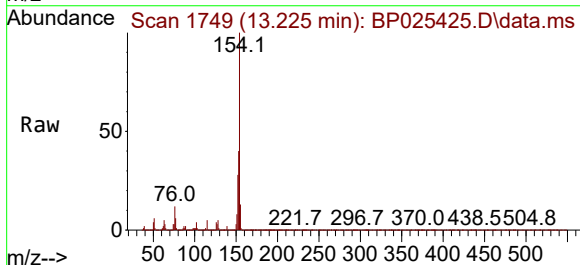
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

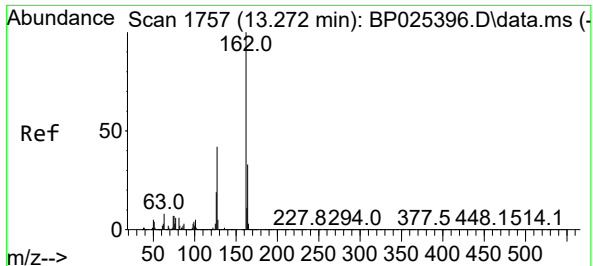
Tgt Ion:172 Resp: 2387172
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 43.484 ng
RT: 13.225 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:154 Resp: 1341958
Ion Ratio Lower Upper
154 100
153 40.4 19.5 59.5
76 11.9 0.0 31.1





#47

2-Chloronaphthalene

Concen: 43.506 ng

RT: 13.260 min Scan# 1755

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

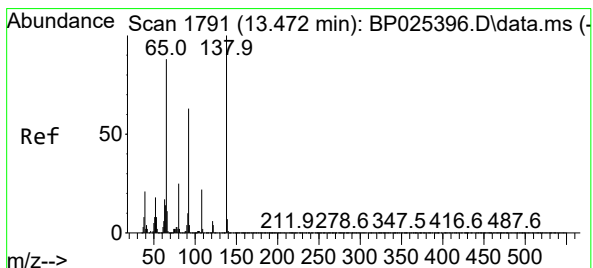
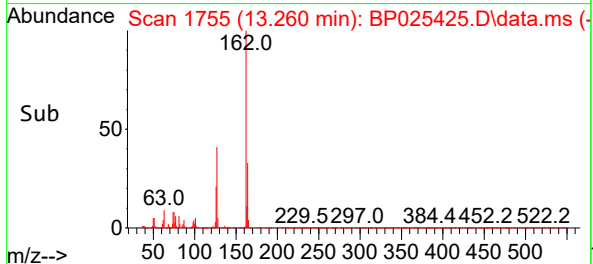
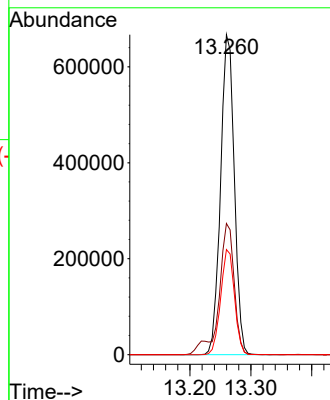
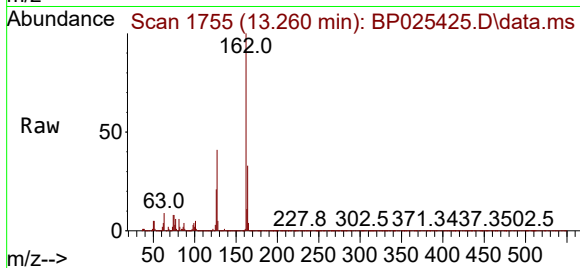
Tgt Ion:162 Resp: 1045208

Ion Ratio Lower Upper

162 100

127 41.0 33.4 50.2

164 32.8 26.2 39.2



#48

2-Nitroaniline

Concen: 47.491 ng

RT: 13.466 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

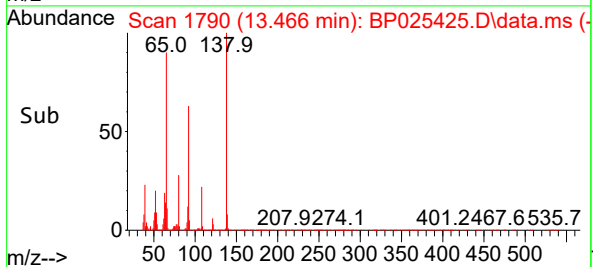
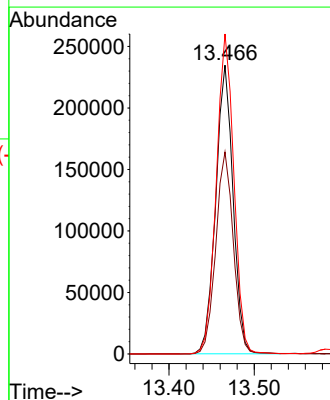
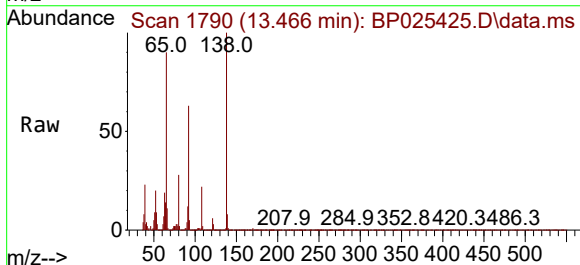
Tgt Ion: 65 Resp: 332445

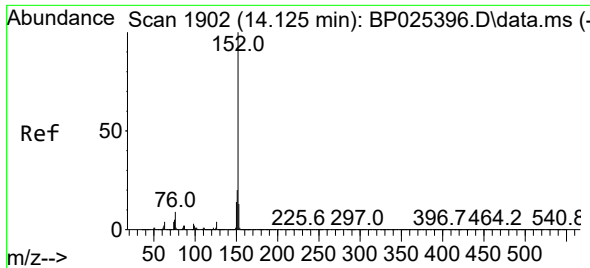
Ion Ratio Lower Upper

65 100

92 69.9 57.6 86.4

138 110.8 91.0 136.6

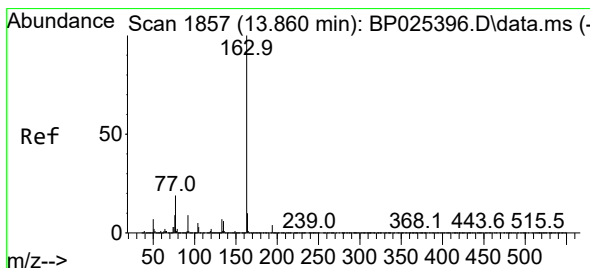
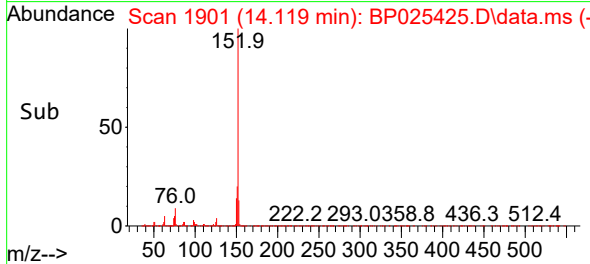
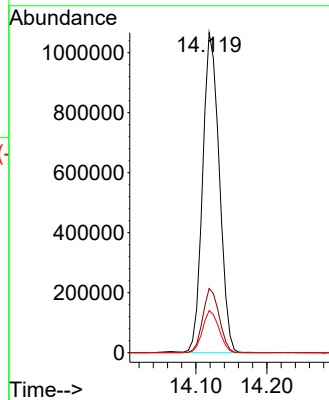
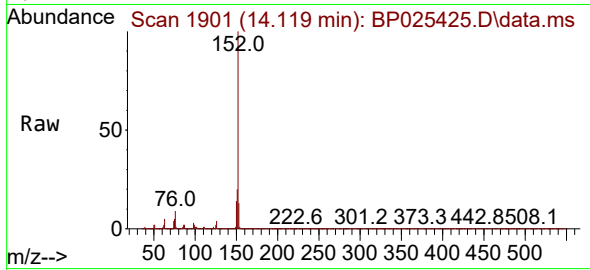




#49
Acenaphthylene
Concen: 43.679 ng
RT: 14.119 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

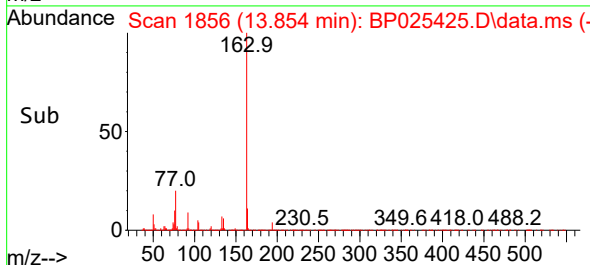
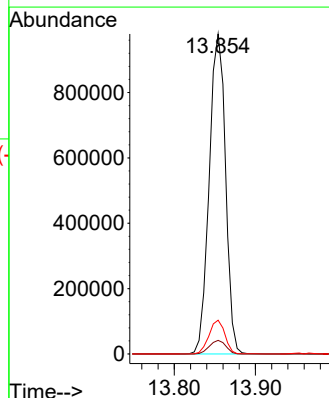
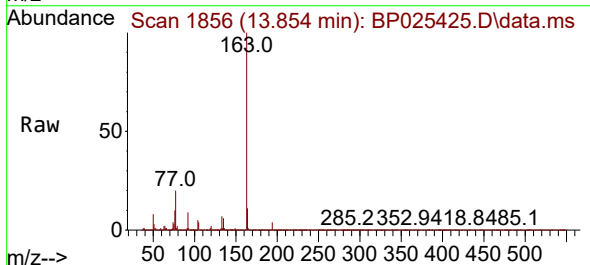
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

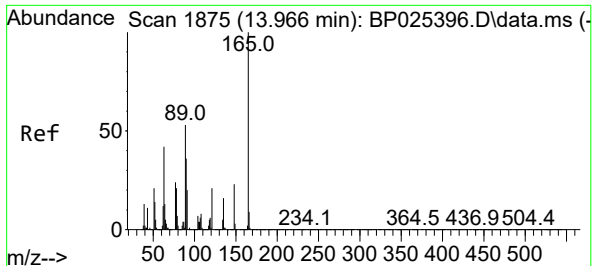
Tgt Ion:152 Resp: 1736412
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 43.854 ng
RT: 13.854 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:163 Resp: 1364594
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.6 7.9 11.9

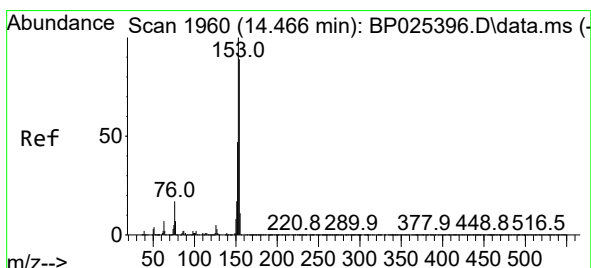
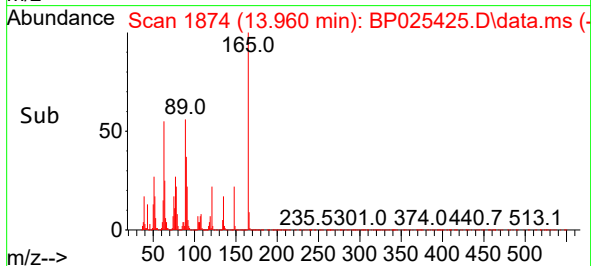
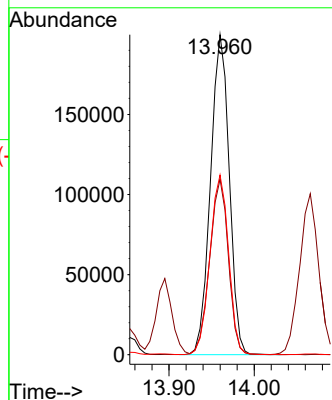
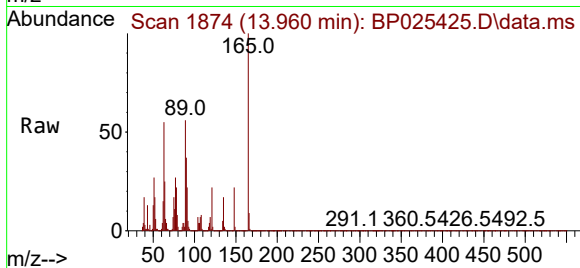




#51
2,6-Dinitrotoluene
Concen: 46.547 ng
RT: 13.960 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

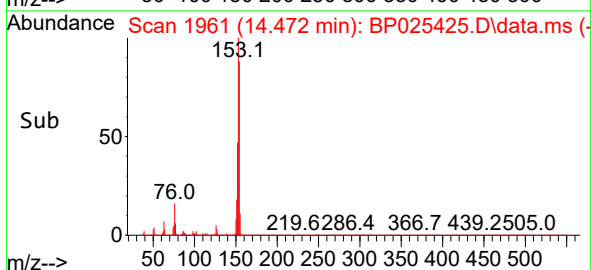
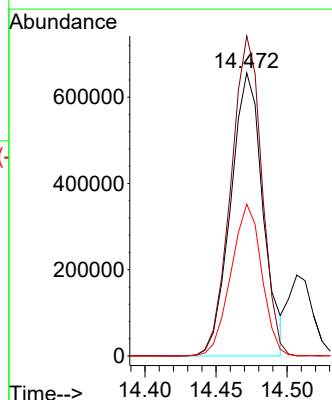
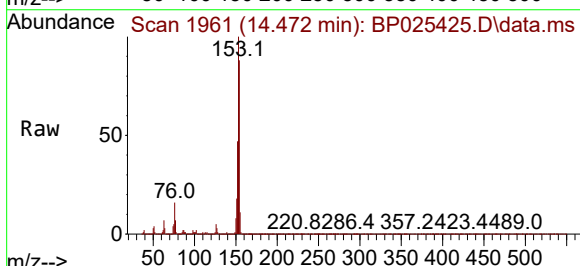
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

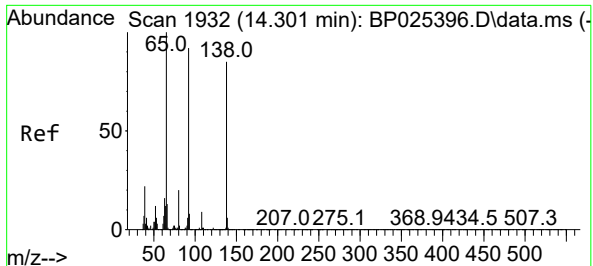
Tgt Ion:165 Resp: 305278
Ion Ratio Lower Upper
165 100
63 54.9 40.9 61.3
89 56.1 42.1 63.1



#52
Acenaphthene
Concen: 44.318 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:154 Resp: 1034163
Ion Ratio Lower Upper
154 100
153 113.0 90.2 135.2
152 53.7 42.1 63.1

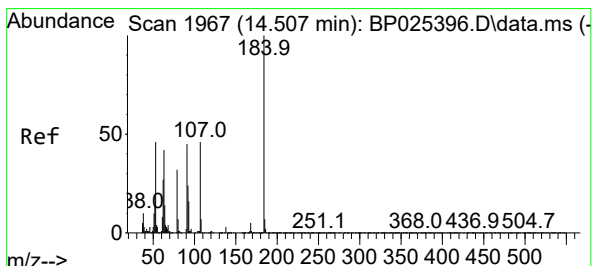
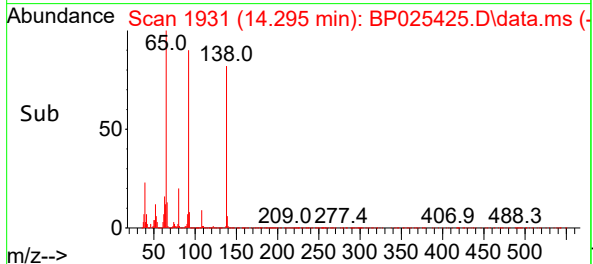
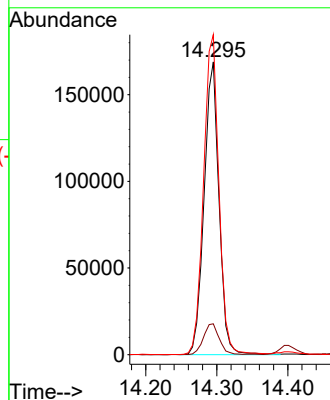
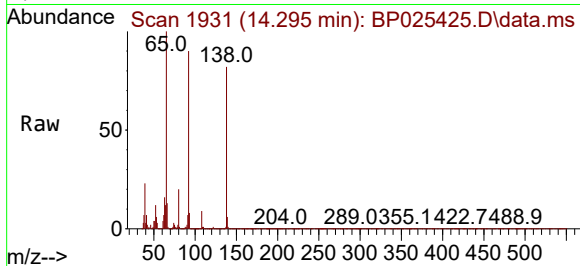




#53
3-Nitroaniline
Concen: 33.442 ng
RT: 14.295 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

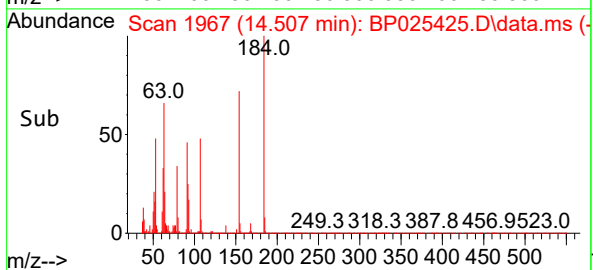
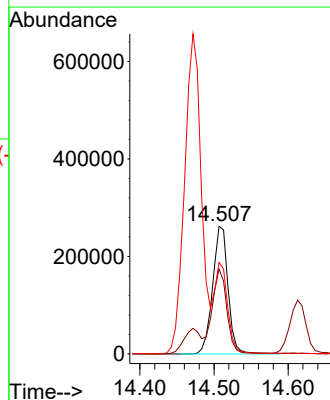
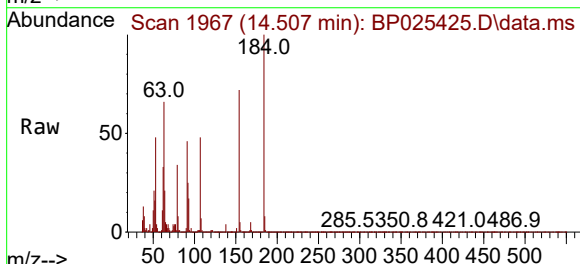
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

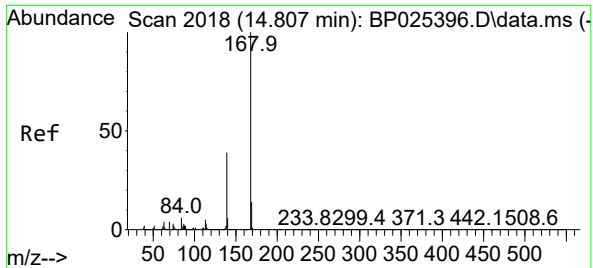
Tgt Ion:138 Resp: 246772
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 109.3 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 108.068 ng
RT: 14.507 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:184 Resp: 378502
Ion Ratio Lower Upper
184 100
63 66.4 49.4 74.2
154 71.6 54.6 82.0

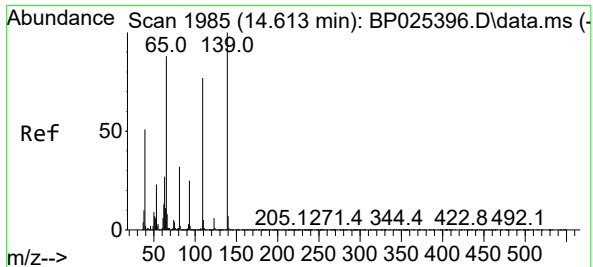
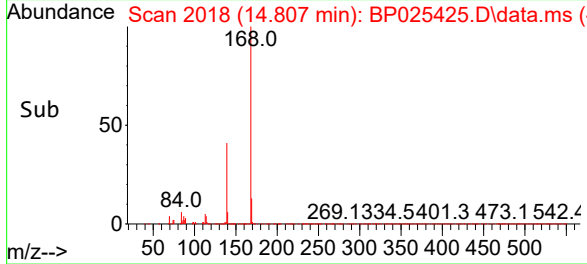
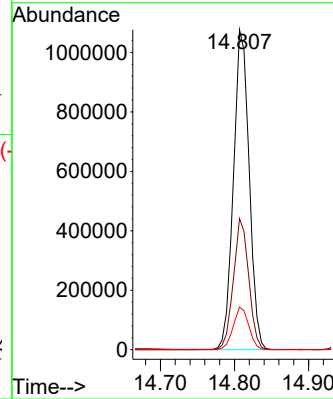
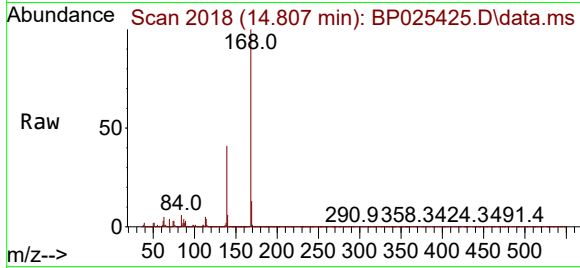




#55
Dibenzofuran
Concen: 42.921 ng
RT: 14.807 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

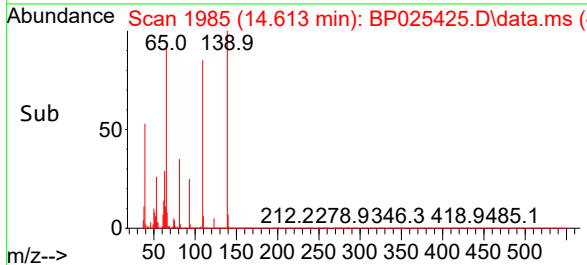
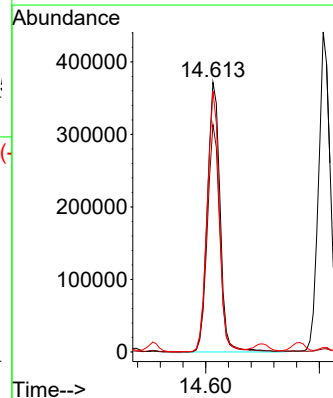
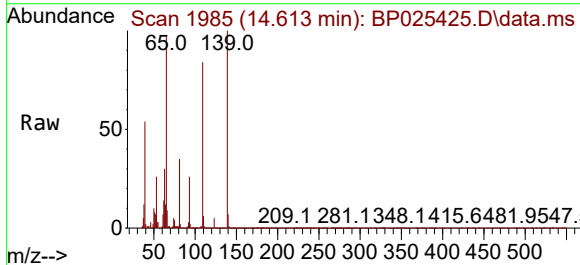
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

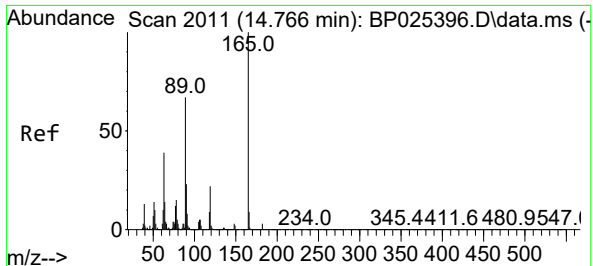
Tgt Ion:168 Resp: 1583459
Ion Ratio Lower Upper
168 100
139 41.0 31.5 47.3
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 95.340 ng
RT: 14.613 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:139 Resp: 578099
Ion Ratio Lower Upper
139 100
109 84.3 56.6 96.6
65 96.7 68.2 108.2

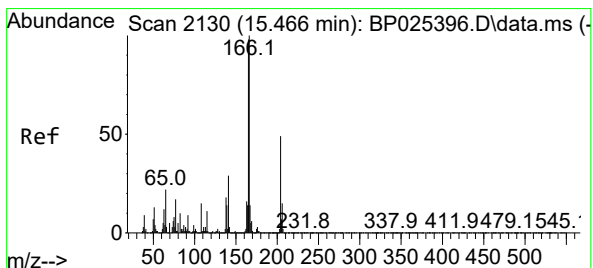
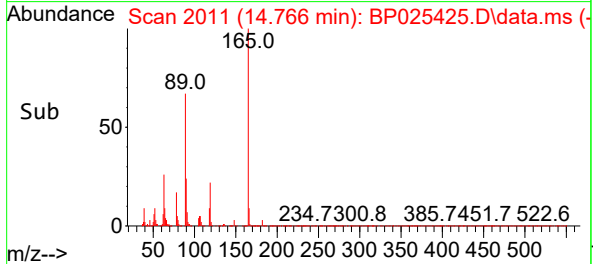
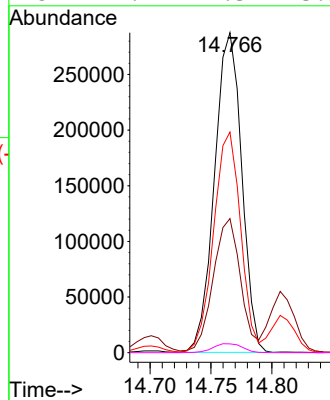
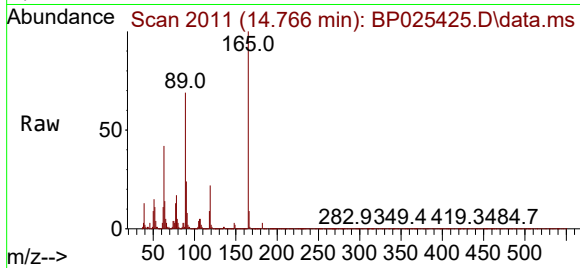




#57
2,4-Dinitrotoluene
Concen: 47.730 ng
RT: 14.766 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

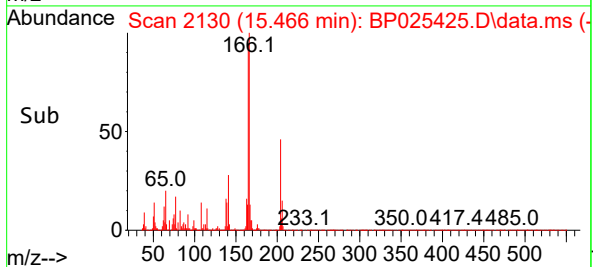
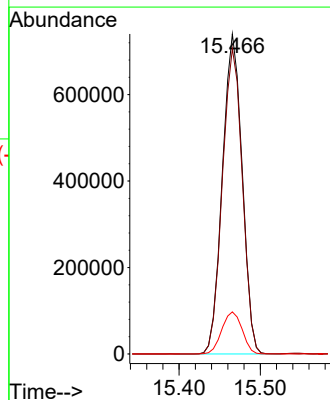
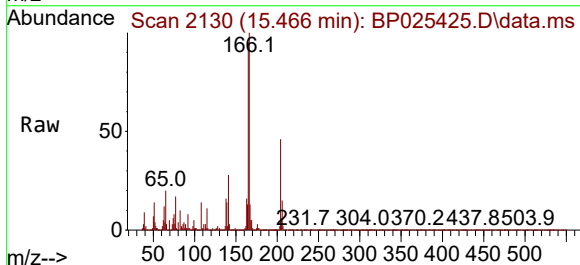
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

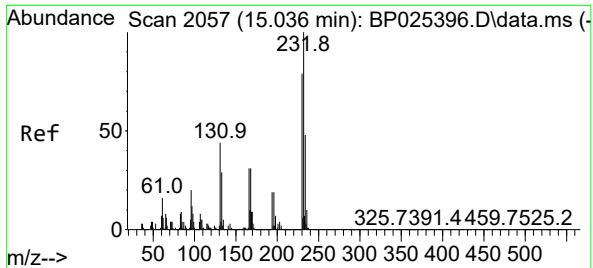
Tgt Ion:165 Resp: 446631
Ion Ratio Lower Upper
165 100
63 41.9 31.4 47.2
89 68.9 53.3 79.9
182 2.7 2.3 3.5



#58
Fluorene
Concen: 42.998 ng
RT: 15.466 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:166 Resp: 1251709
Ion Ratio Lower Upper
166 100
165 95.4 78.8 118.2
167 13.2 11.0 16.4

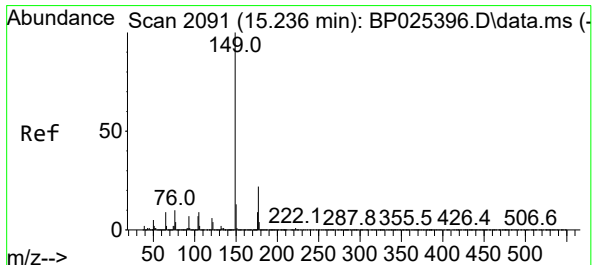
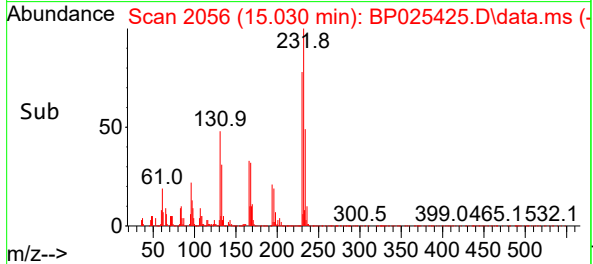
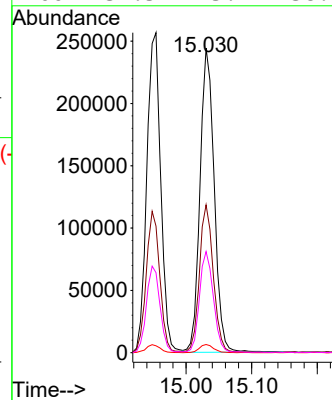
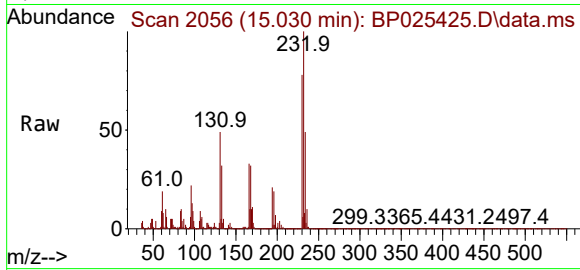




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.009 ng
RT: 15.030 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

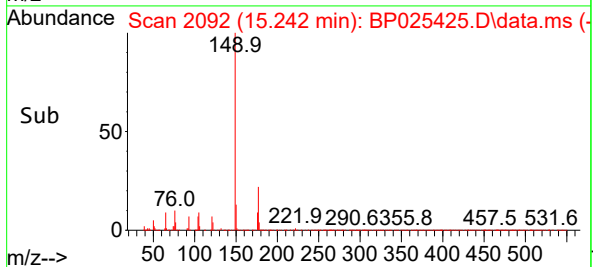
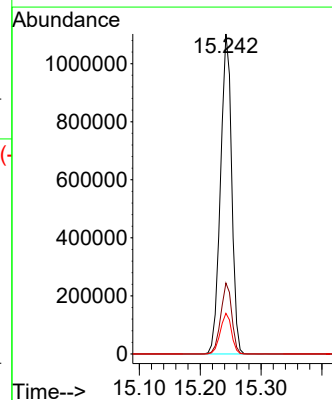
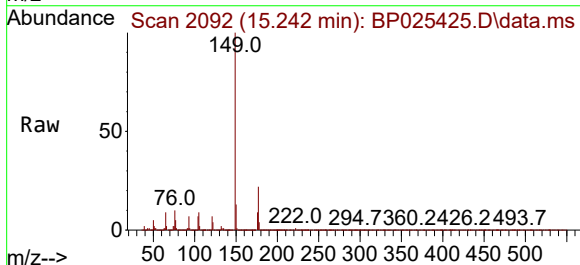
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

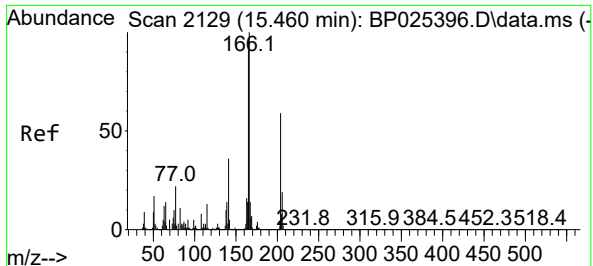
Tgt Ion:232 Resp: 368890
Ion Ratio Lower Upper
232 100
131 47.3 37.0 55.6
130 2.7 1.9 2.9
166 32.5 25.4 38.0



#60
Diethylphthalate
Concen: 44.210 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:149 Resp: 1397834
Ion Ratio Lower Upper
149 100
177 22.2 17.3 25.9
150 12.7 10.3 15.5

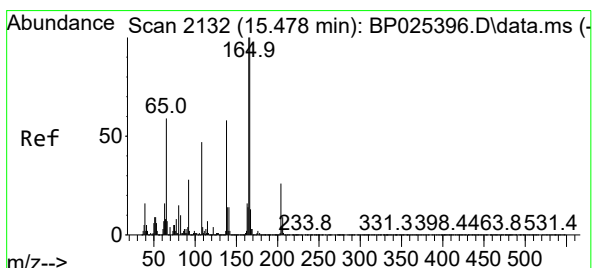
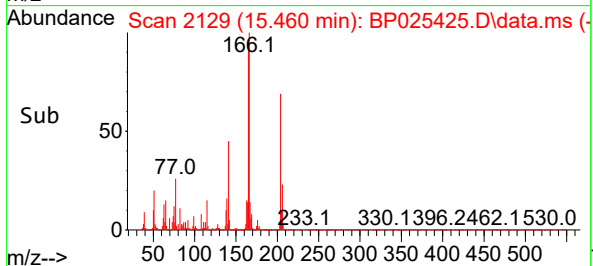
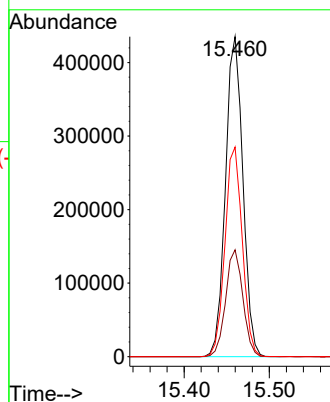
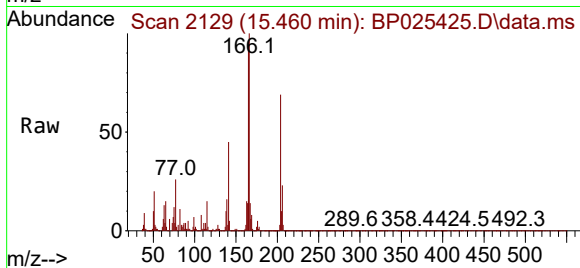




#61
4-Chlorophenyl-phenylether
Concen: 42.656 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

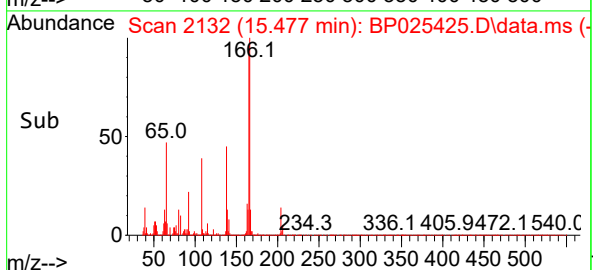
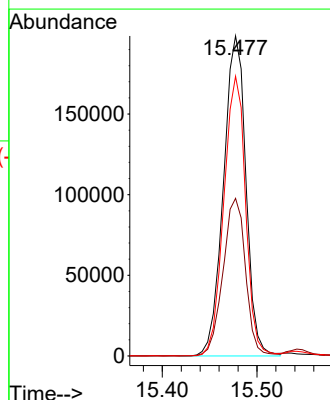
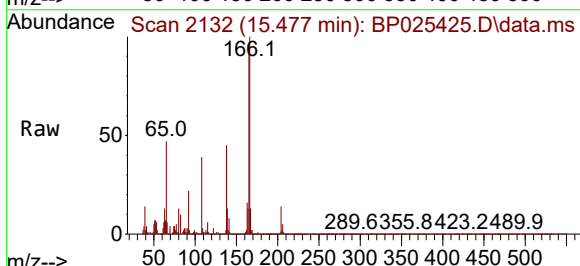
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

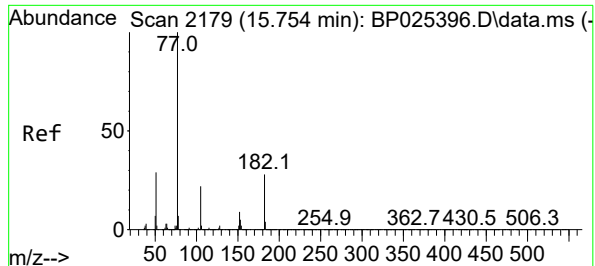
Tgt Ion:204 Resp: 617566
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.8
141 65.5 49.4 74.2



#62
4-Nitroaniline
Concen: 43.331 ng
RT: 15.477 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:138 Resp: 327789
Ion Ratio Lower Upper
138 100
92 49.2 29.1 69.1
108 87.4 61.5 101.5





#63

Azobenzene

Concen: 46.193 ng

RT: 15.754 min Scan# 2179

Delta R.T. -0.000 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

Tgt Ion: 77 Resp: 1250604

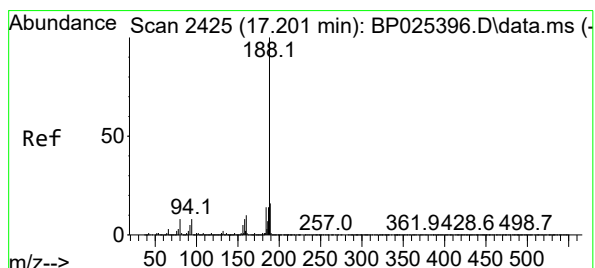
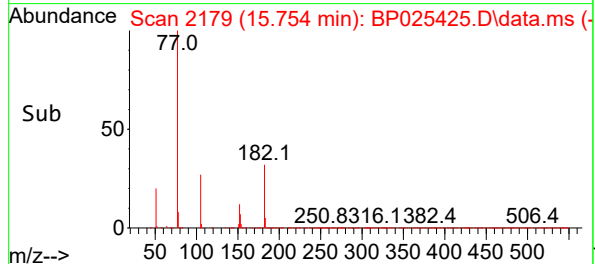
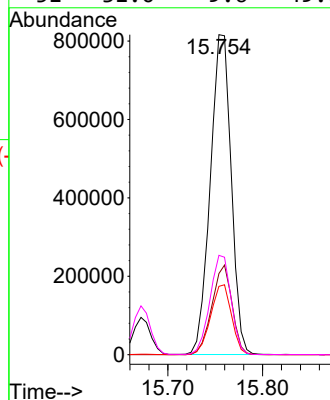
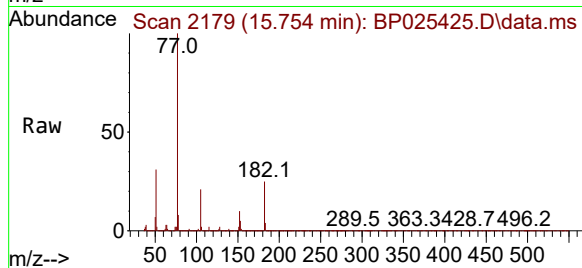
Ion Ratio Lower Upper

77 100

182 25.3 7.5 47.5

105 21.3 2.1 42.1

51 31.0 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 2426

Delta R.T. 0.006 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

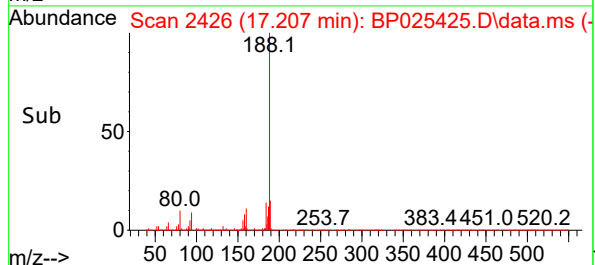
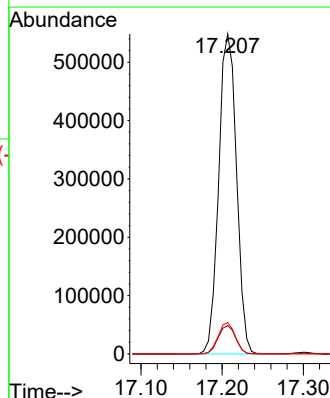
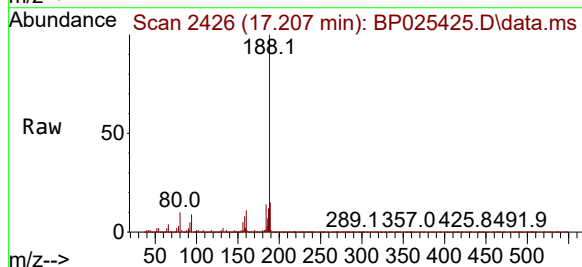
Tgt Ion:188 Resp: 837407

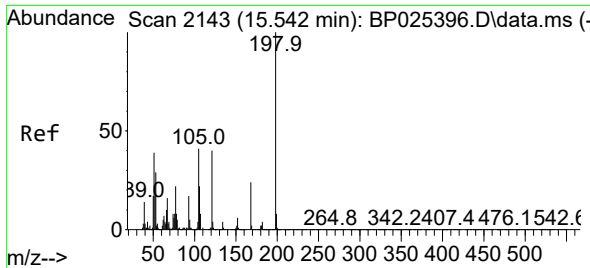
Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

80 9.8 6.7 10.1

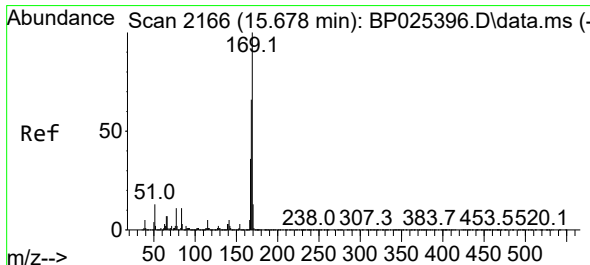
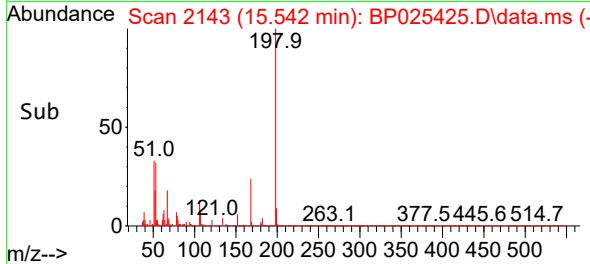
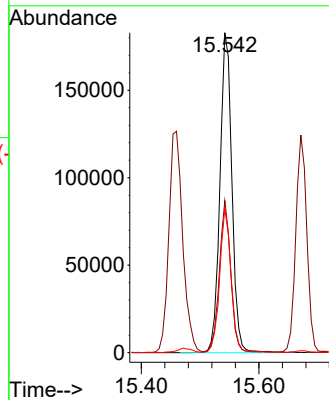
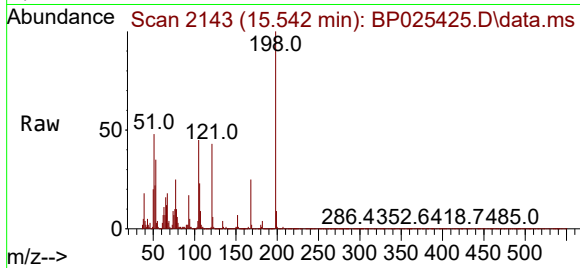




#65
4,6-Dinitro-2-methylphenol
Concen: 49.550 ng
RT: 15.542 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

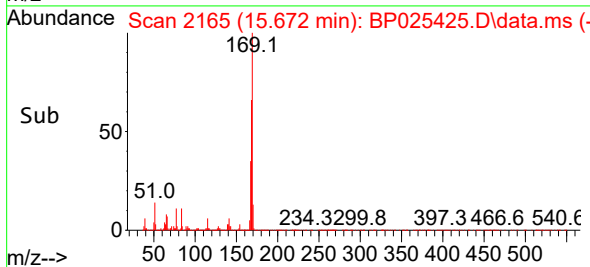
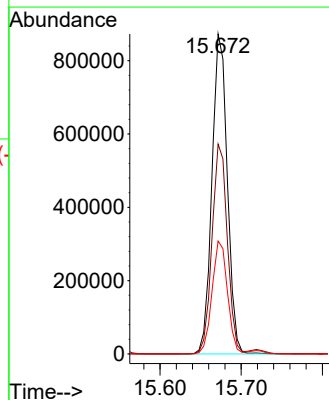
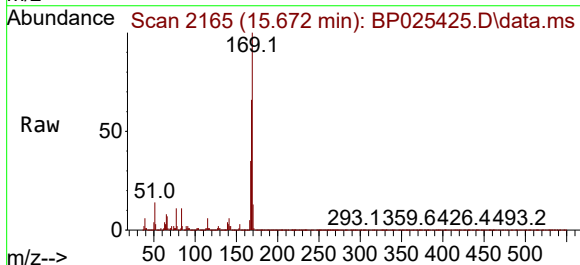
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

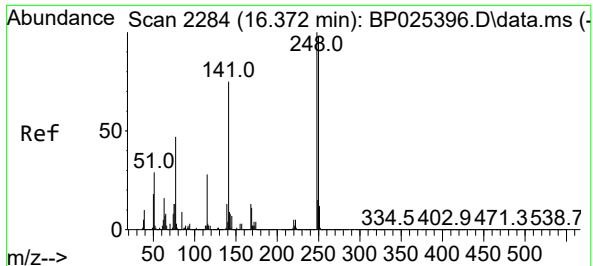
Tgt Ion	Ratio	Lower	Upper
198	100		
51	47.5	19.6	59.6
105	45.0	20.9	60.9



#66
n-Nitrosodiphenylamine
Concen: 44.808 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.6	53.2	79.8
167	35.3	28.7	43.1

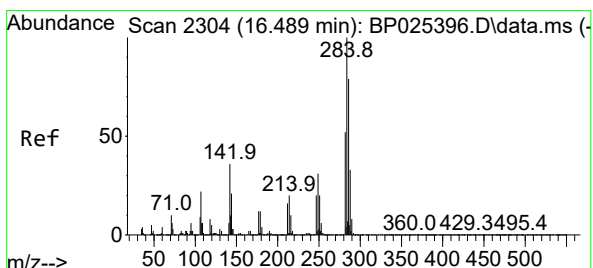
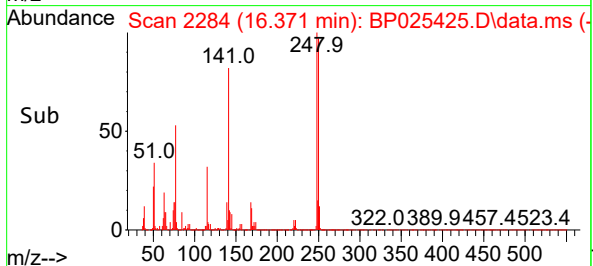
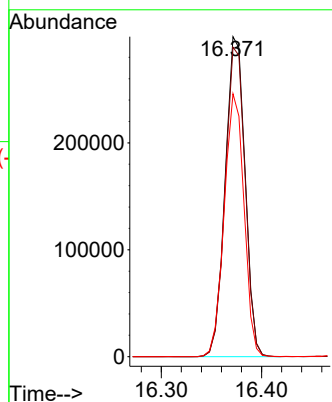
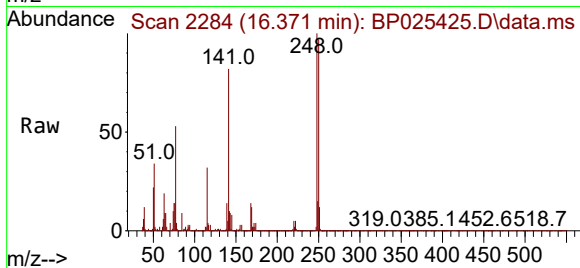




#67
4-Bromophenyl-phenylether
Concen: 44.726 ng
RT: 16.371 min Scan# 211
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

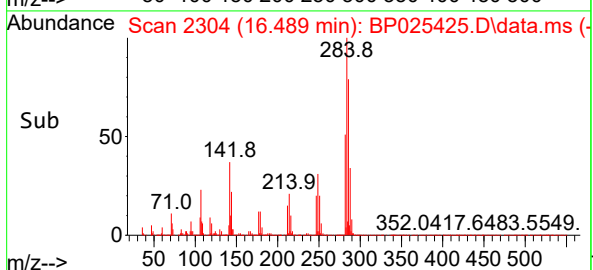
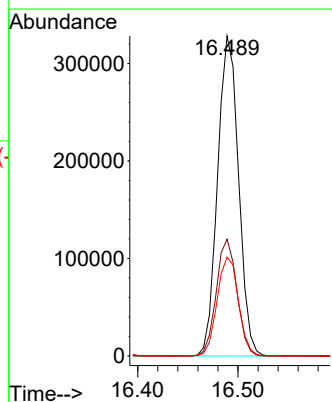
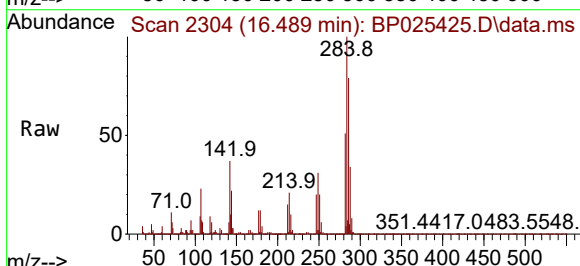
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

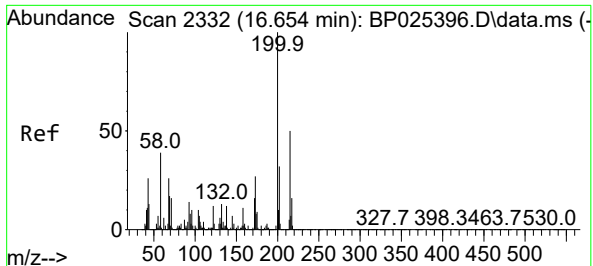
Tgt Ion:248 Resp: 411920
Ion Ratio Lower Upper
248 100
250 96.7 78.2 117.2
141 82.2 59.6 89.4



#68
Hexachlorobenzene
Concen: 44.542 ng
RT: 16.489 min Scan# 2304
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:284 Resp: 475535
Ion Ratio Lower Upper
284 100
142 36.5 29.1 43.7
249 30.9 25.0 37.4

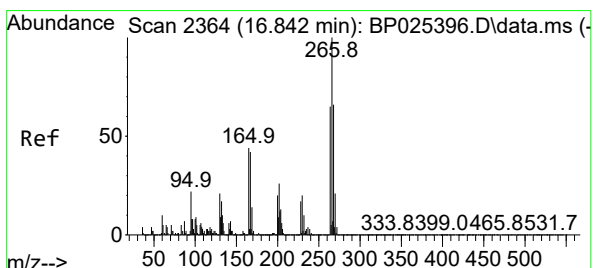
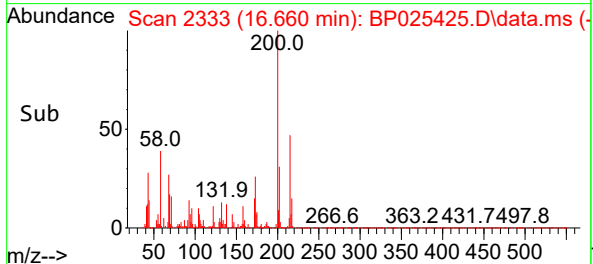
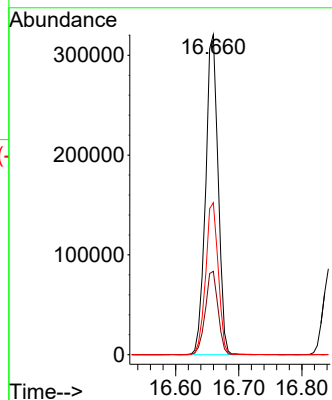
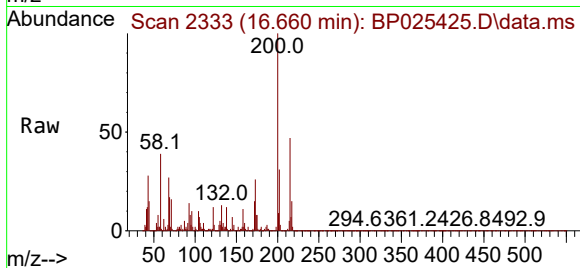




#69
 Atrazine
 Concen: 46.165 ng
 RT: 16.660 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP025425.D
 Acq: 15 Aug 2025 13:26

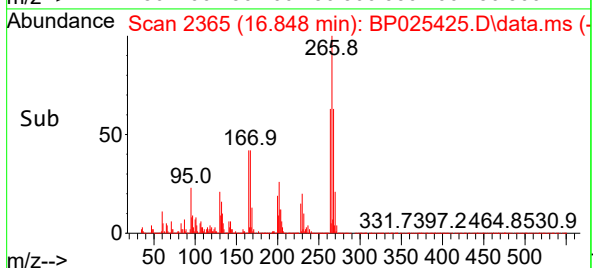
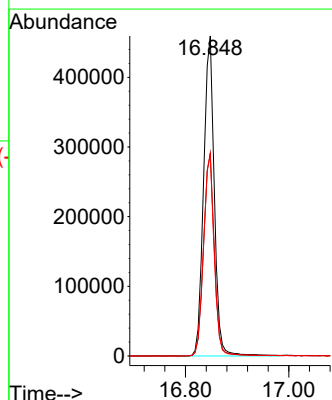
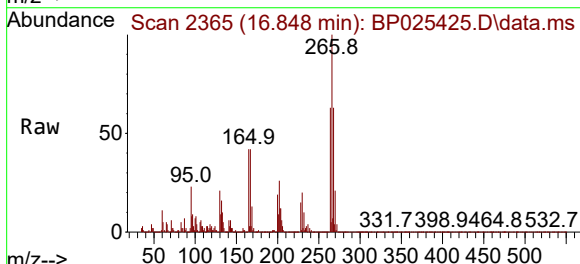
Instrument :
 BNA_P
 ClientSampleId :
 PB169230BSD

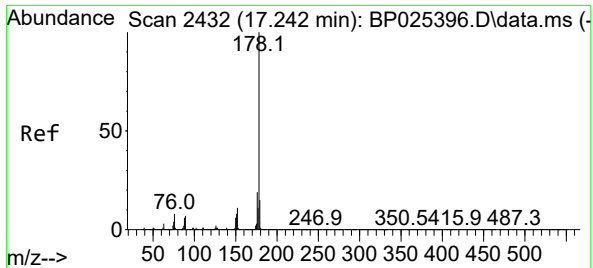
Tgt Ion:200 Resp: 441483
 Ion Ratio Lower Upper
 200 100
 173 26.0 6.7 46.7
 215 47.5 29.7 69.7



#70
 Pentachlorophenol
 Concen: 97.981 ng
 RT: 16.848 min Scan# 2365
 Delta R.T. 0.006 min
 Lab File: BP025425.D
 Acq: 15 Aug 2025 13:26

Tgt Ion:266 Resp: 660333
 Ion Ratio Lower Upper
 266 100
 268 63.3 52.6 79.0
 264 63.0 52.0 78.0

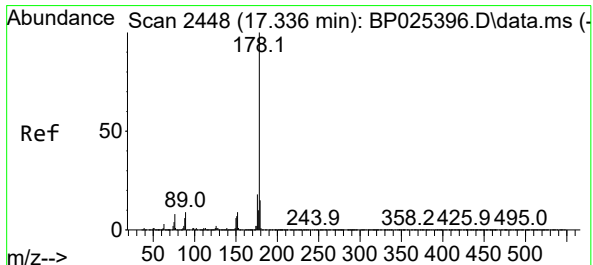
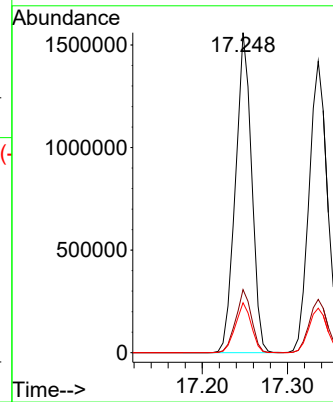
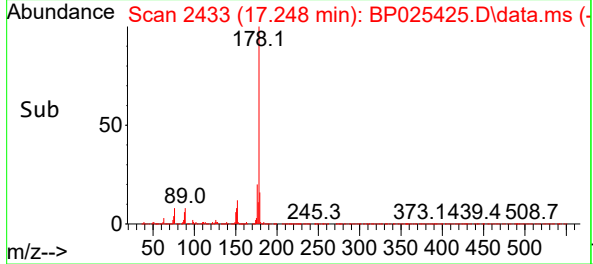
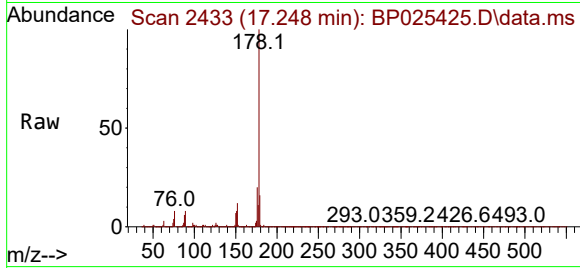




#71
Phenanthrene
Concen: 44.783 ng
RT: 17.248 min Scan# 2432
Delta R.T. 0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

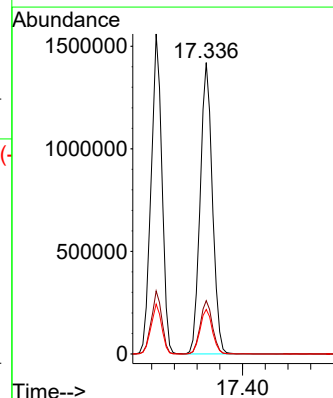
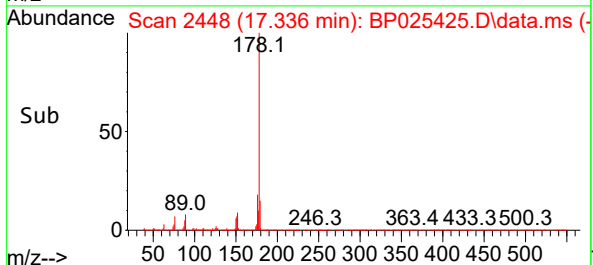
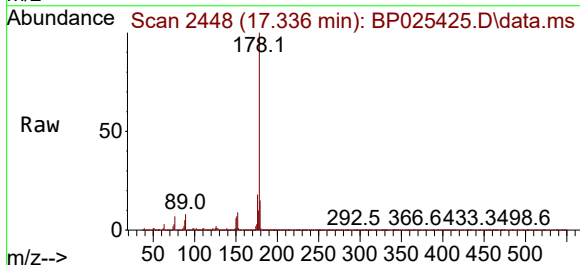
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

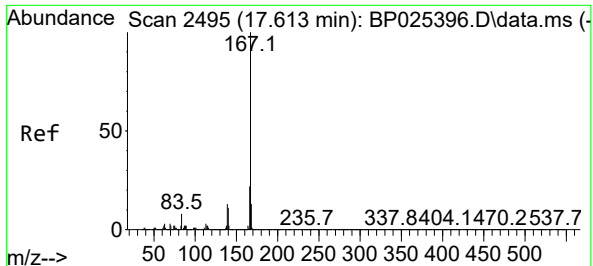
Tgt Ion:178 Resp: 2060065
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.6 12.2 18.4



#72
Anthracene
Concen: 45.190 ng
RT: 17.336 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:178 Resp: 2122885
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.2 12.2 18.2

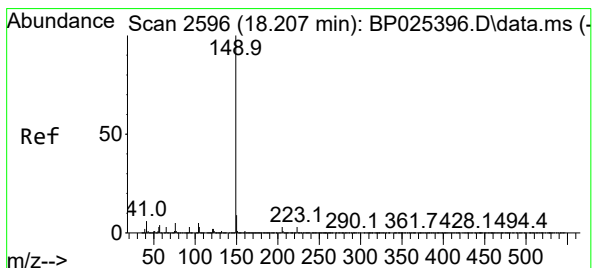
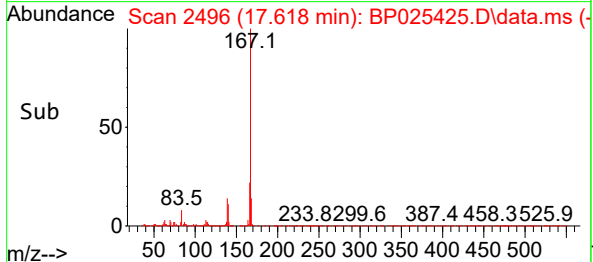
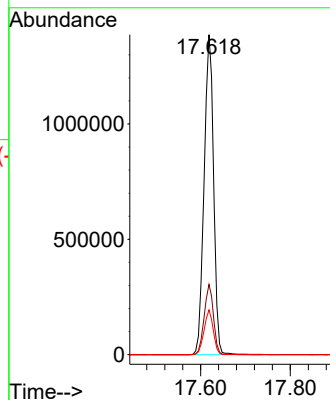
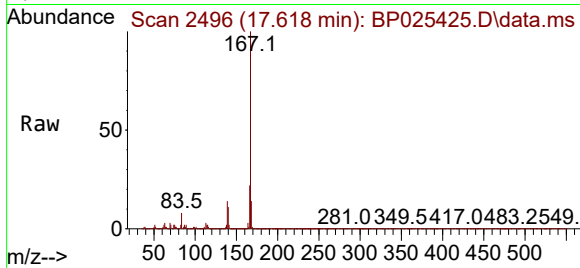




#73
 Carbazole
 Concen: 45.913 ng
 RT: 17.618 min Scan# 2495
 Delta R.T. 0.006 min
 Lab File: BP025425.D
 Acq: 15 Aug 2025 13:26

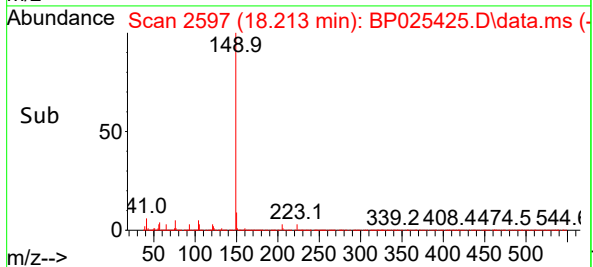
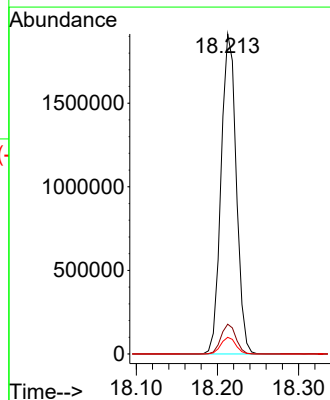
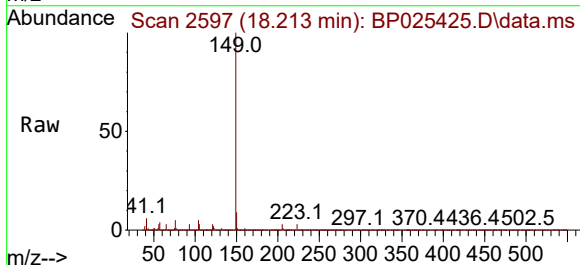
Instrument :
 BNA_P
 ClientSampleId :
 PB169230BSD

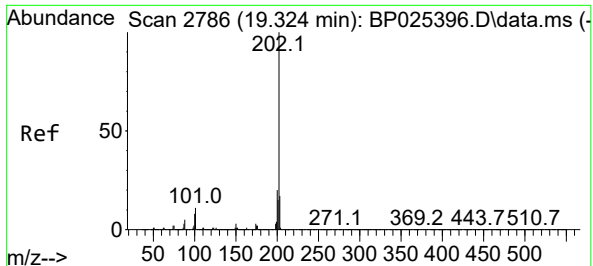
Tgt Ion:167 Resp: 2031552
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 14.0 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 45.882 ng
 RT: 18.213 min Scan# 2597
 Delta R.T. 0.006 min
 Lab File: BP025425.D
 Acq: 15 Aug 2025 13:26

Tgt Ion:149 Resp: 2497806
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.2 4.2 6.2

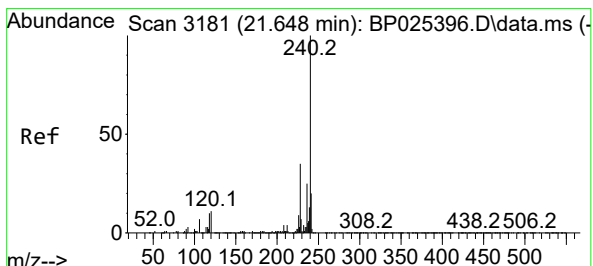
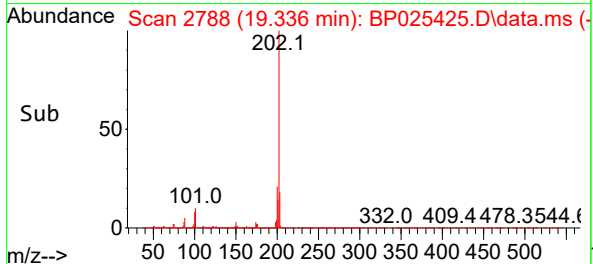
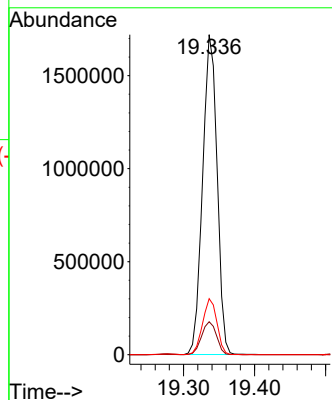
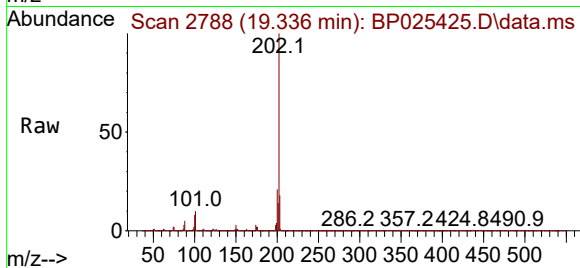




#75
Fluoranthene
Concen: 44.517 ng
RT: 19.336 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

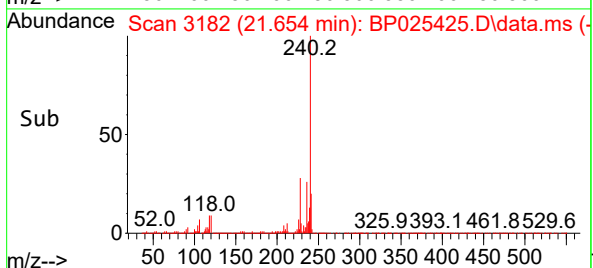
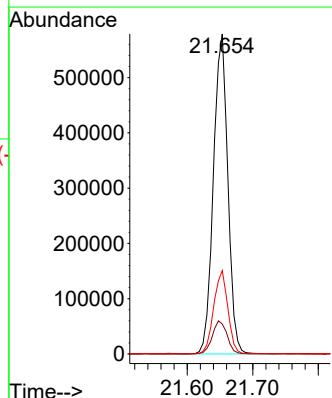
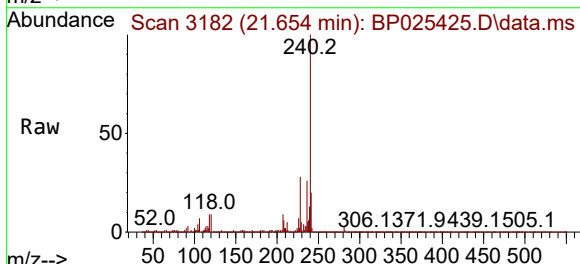
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

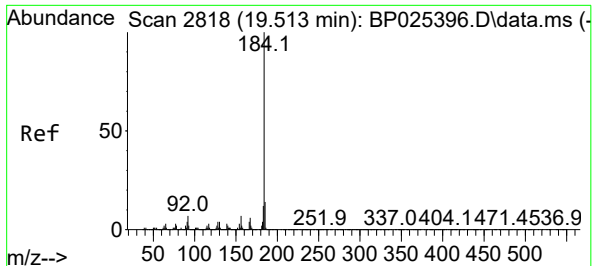
Tgt Ion:202 Resp: 2442709
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.1
203 17.5 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:240 Resp: 883409
Ion Ratio Lower Upper
240 100
120 9.4 8.9 13.3
236 26.1 19.8 29.8

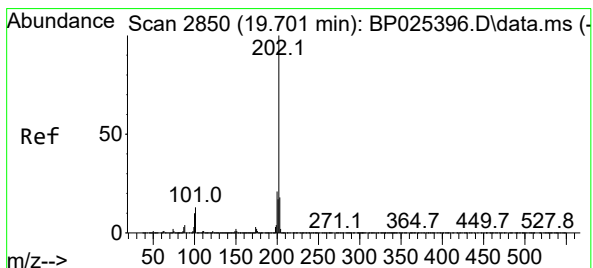
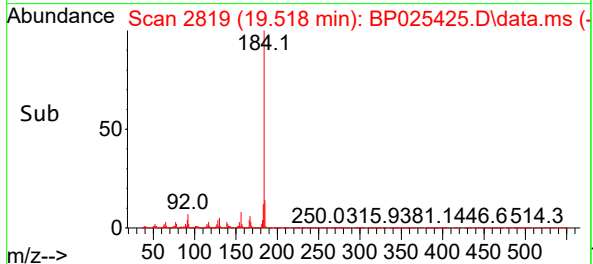
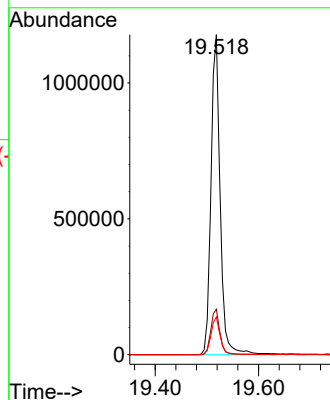
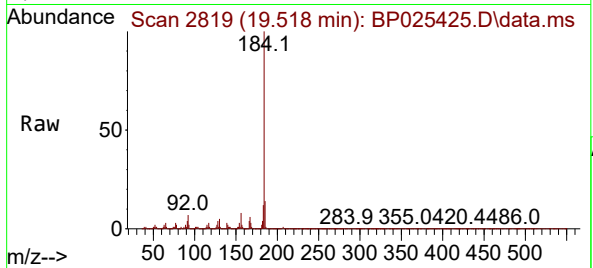




#77
Benzidine
Concen: 48.125 ng
RT: 19.518 min Scan# 2819
Delta R.T. 0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

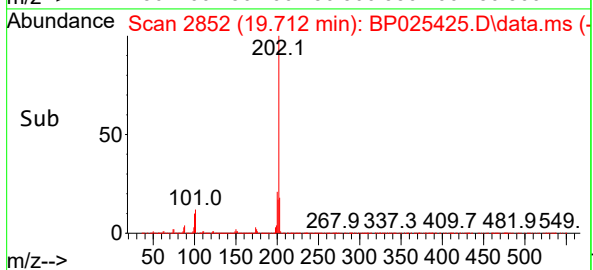
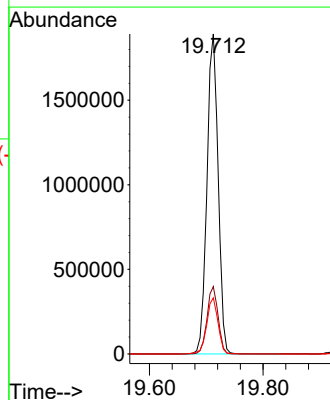
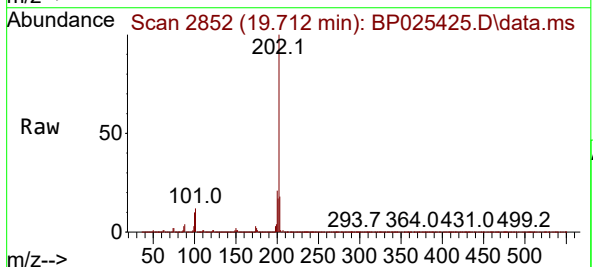
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

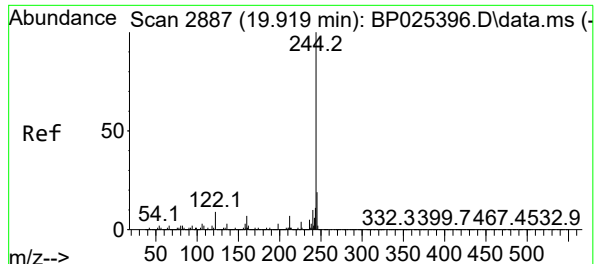
Tgt Ion:184 Resp: 1450901
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.8 9.4 14.2



#78
Pyrene
Concen: 44.724 ng
RT: 19.712 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:202 Resp: 2568011
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 77.350 ng

RT: 19.924 min Scan# 2888

Delta R.T. 0.006 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

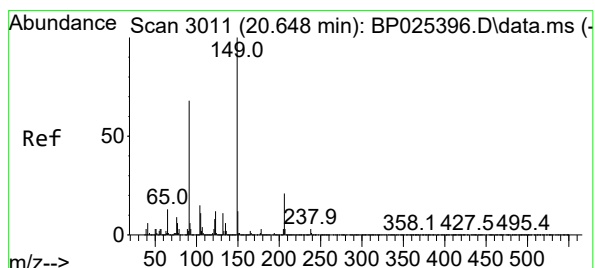
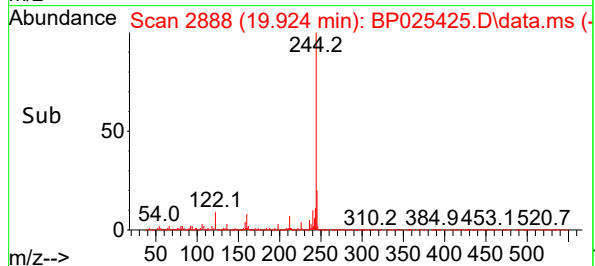
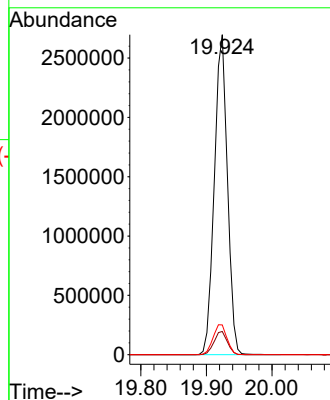
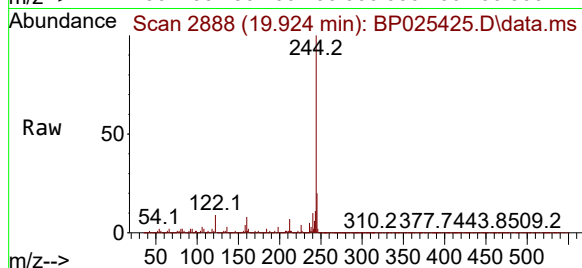
Tgt Ion:244 Resp: 3734835

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 9.3 7.4 11.2



#80

Butylbenzylphthalate

Concen: 46.520 ng

RT: 20.654 min Scan# 3012

Delta R.T. 0.006 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

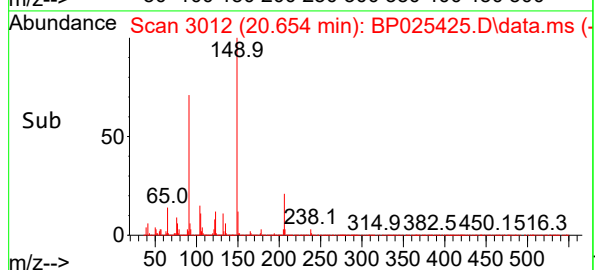
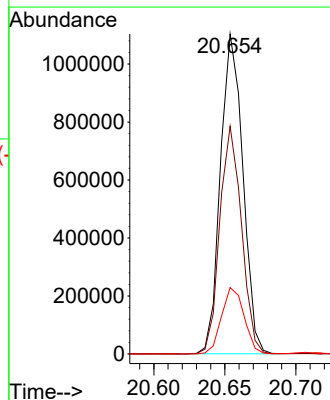
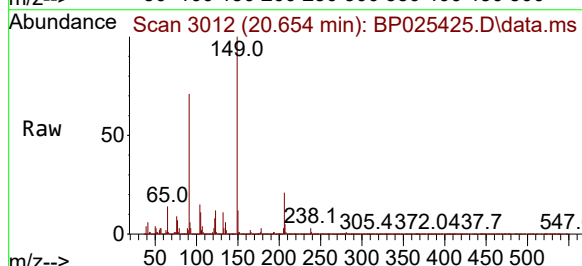
Tgt Ion:149 Resp: 1210580

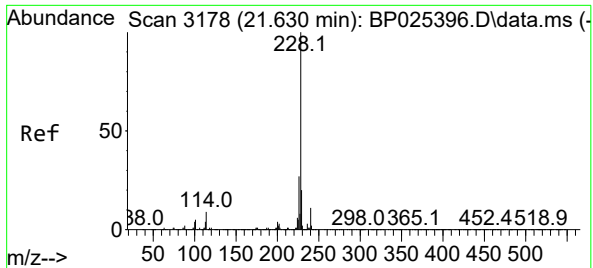
Ion Ratio Lower Upper

149 100

91 71.1 54.2 81.2

206 20.8 16.6 24.8

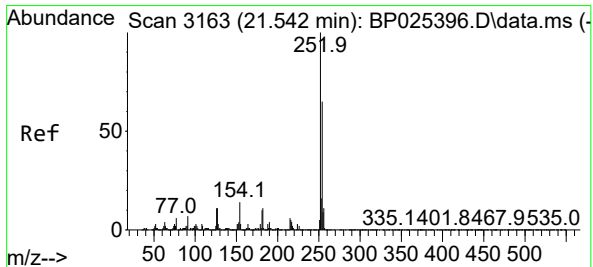
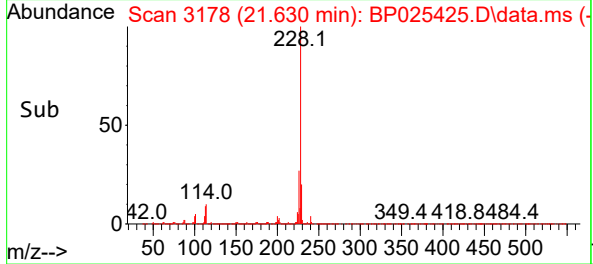
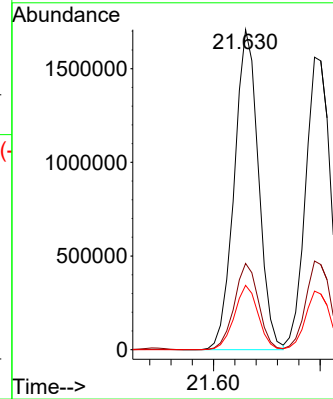
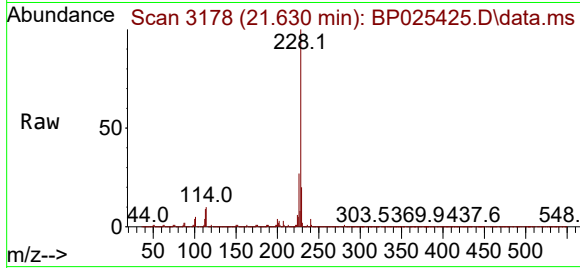




#81
Benzo(a)anthracene
Concen: 46.273 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

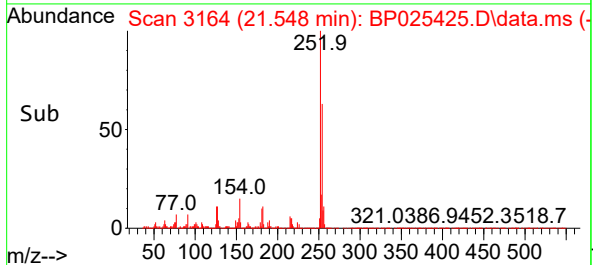
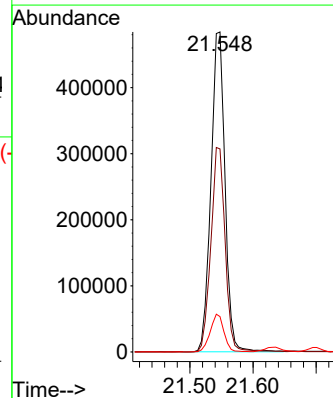
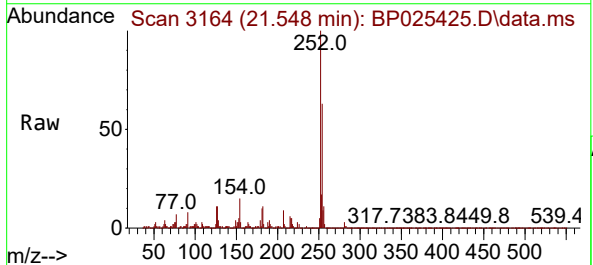
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

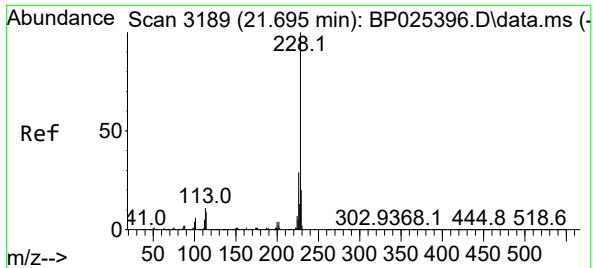
Tgt Ion:228 Resp: 2695916
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 20.1 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 34.104 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:252 Resp: 748927
Ion Ratio Lower Upper
252 100
254 63.5 51.8 77.6
126 11.0 9.1 13.7

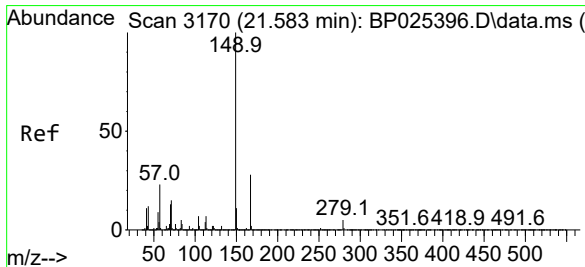
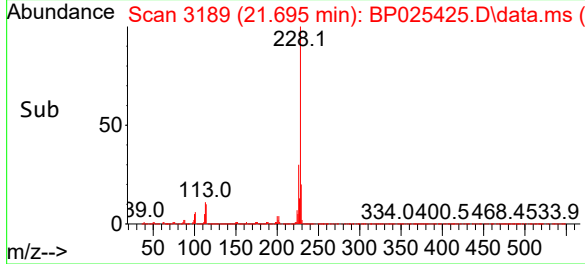
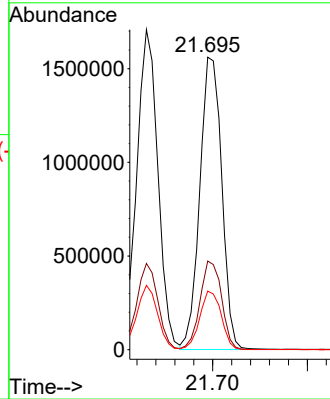
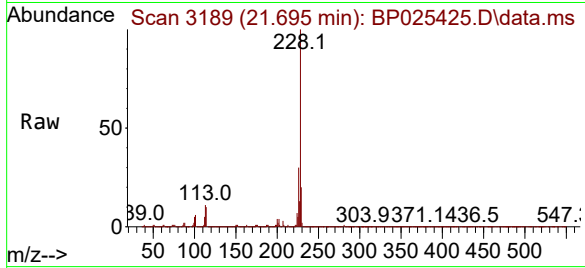




#83
Chrysene
Concen: 45.952 ng
RT: 21.695 min Scan# 3189
Delta R.T. -0.000 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

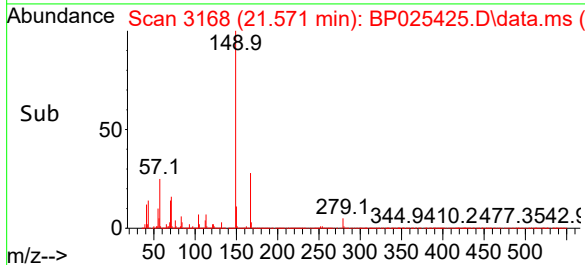
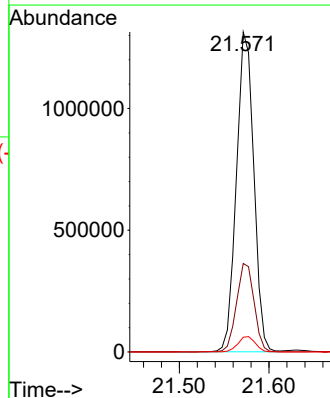
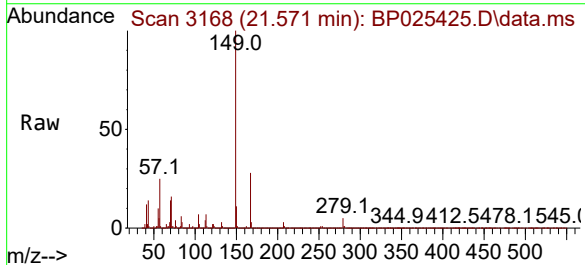
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

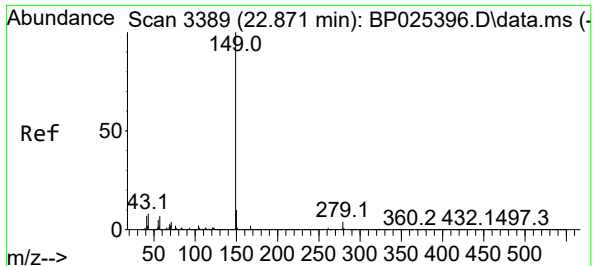
Tgt Ion:228 Resp: 2507192
Ion Ratio Lower Upper
228 100
226 30.3 23.2 34.8
229 20.0 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.165 ng
RT: 21.571 min Scan# 3168
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:149 Resp: 1768457
Ion Ratio Lower Upper
149 100
167 27.7 22.1 33.1
279 4.6 3.8 5.6

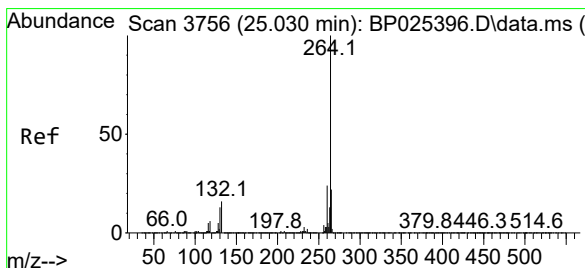
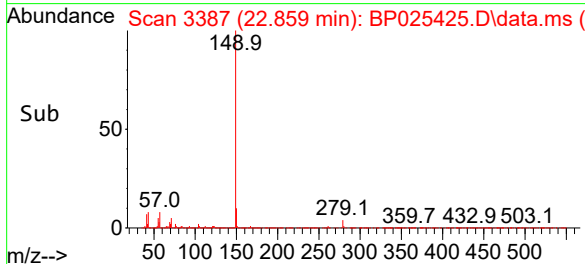
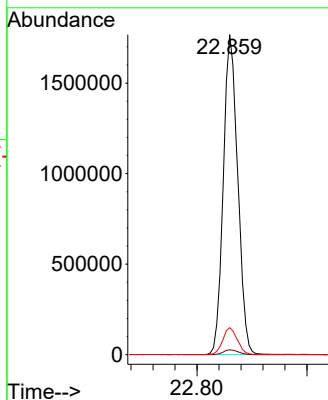
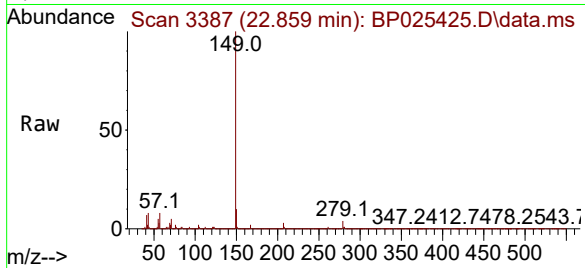




#85
Di-n-octyl phthalate
Concen: 48.802 ng
RT: 22.859 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

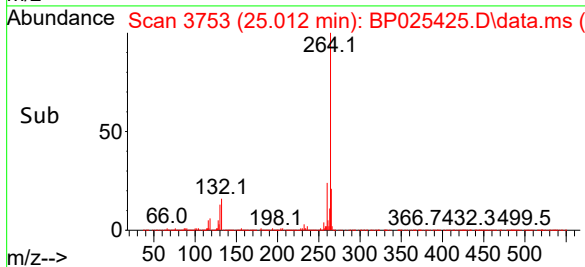
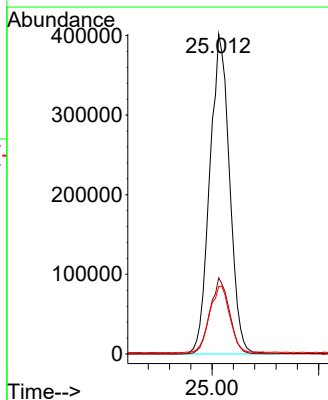
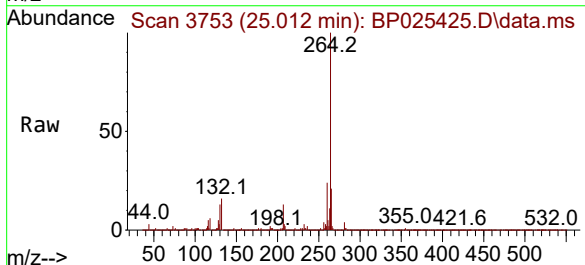
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

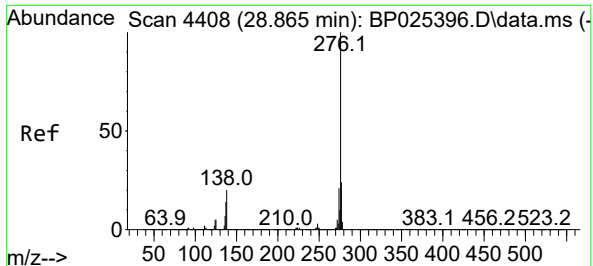
Tgt Ion:149 Resp: 3215556
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.4 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.012 min Scan# 3753
Delta R.T. -0.018 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:264 Resp: 1035260
Ion Ratio Lower Upper
264 100
260 23.8 19.3 28.9
265 21.0 17.4 26.0

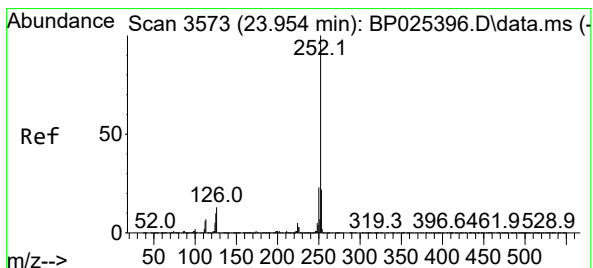
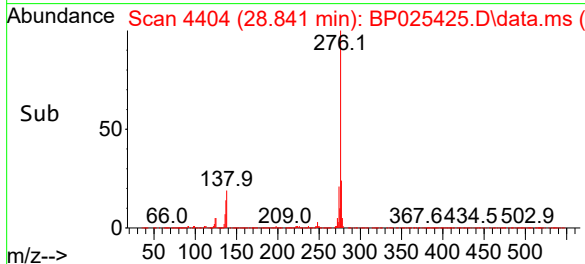
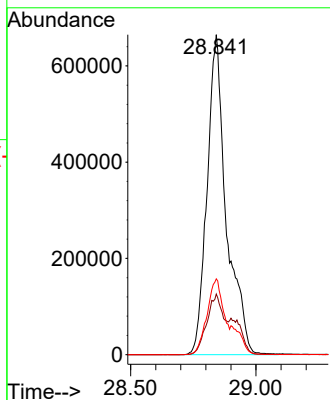
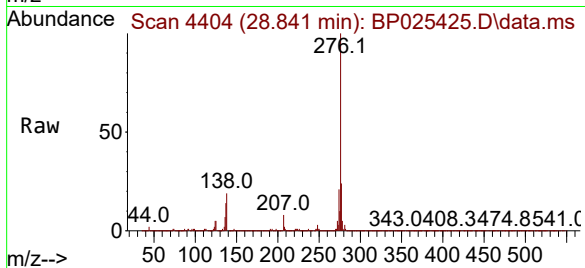




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.858 ng
 RT: 28.841 min Scan# 4404
 Delta R.T. -0.024 min
 Lab File: BP025425.D
 Acq: 15 Aug 2025 13:26

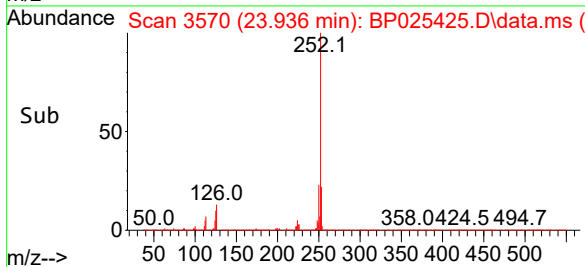
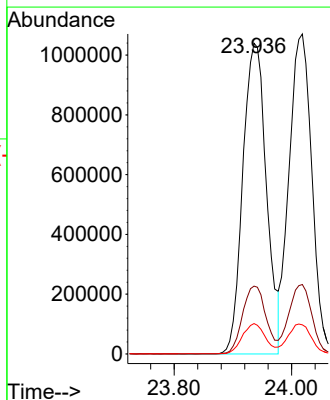
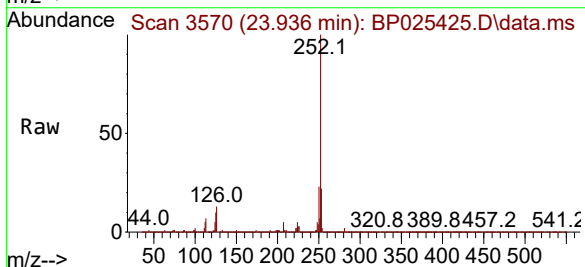
Instrument :
 BNA_P
 ClientSampleId :
 PB169230BSD

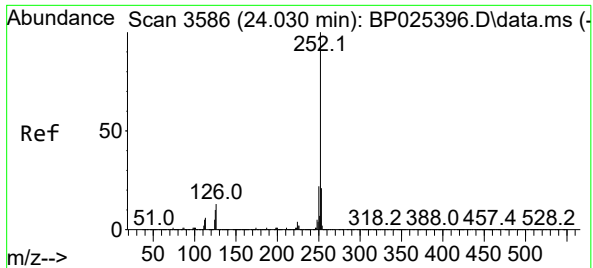
Tgt Ion:276 Resp: 3557513
 Ion Ratio Lower Upper
 276 100
 138 16.5 12.9 19.3
 277 20.4 17.0 25.6



#88
 Benzo(b)fluoranthene
 Concen: 47.605 ng
 RT: 23.936 min Scan# 3570
 Delta R.T. -0.018 min
 Lab File: BP025425.D
 Acq: 15 Aug 2025 13:26

Tgt Ion:252 Resp: 2906105
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.7 26.5
 125 9.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 46.881 ng

RT: 24.018 min Scan# 3584

Delta R.T. -0.012 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

Instrument :

BNA_P

ClientSampleId :

PB169230BSD

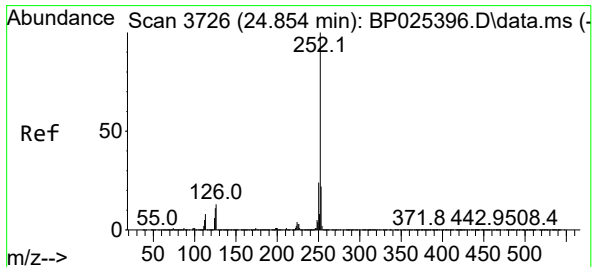
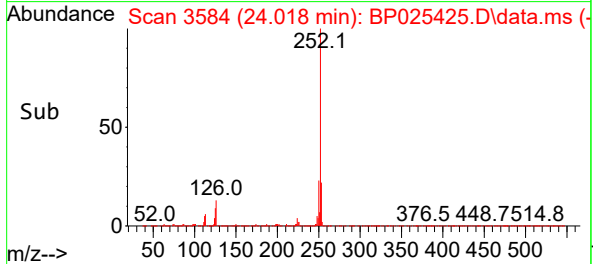
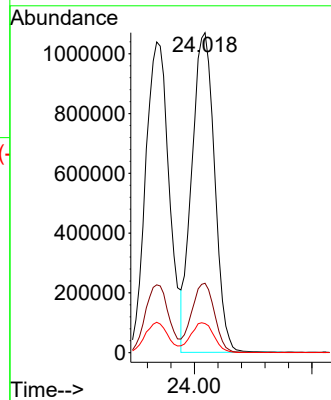
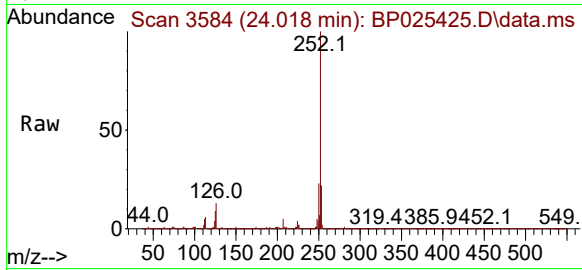
Tgt Ion:252 Resp: 2863889

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 9.1 7.8 11.6



#90

Benzo(a)pyrene

Concen: 47.072 ng

RT: 24.859 min Scan# 3727

Delta R.T. 0.006 min

Lab File: BP025425.D

Acq: 15 Aug 2025 13:26

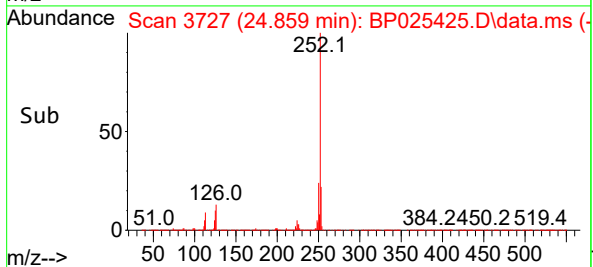
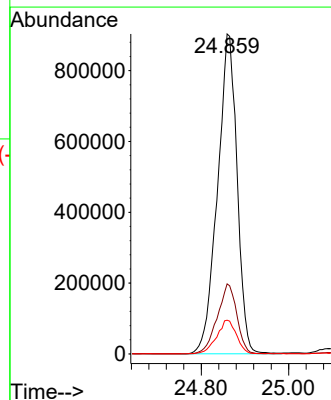
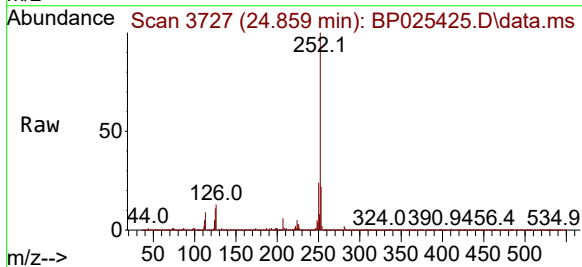
Tgt Ion:252 Resp: 2797186

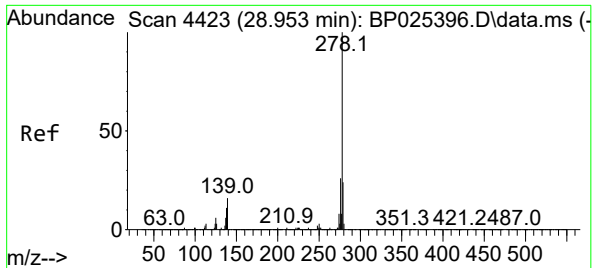
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.5 8.7 13.1

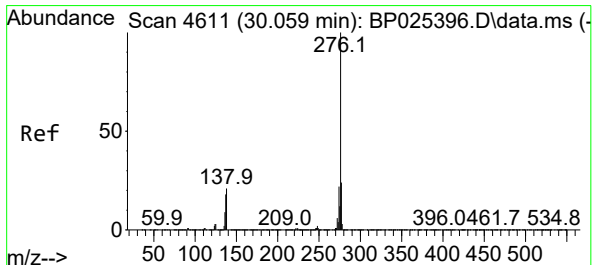
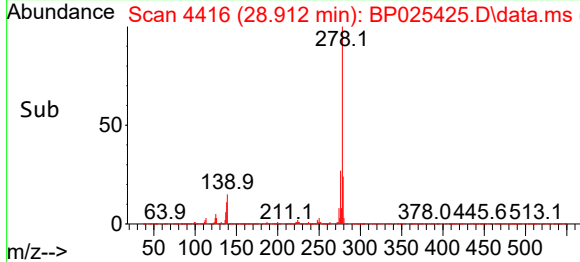
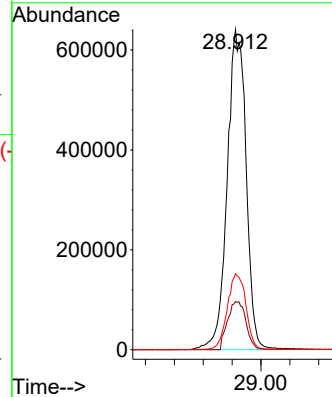
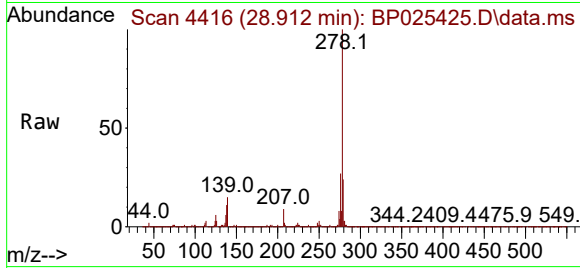




#91
Dibenzo(a,h)anthracene
Concen: 46.967 ng
RT: 28.912 min Scan# 4416
Delta R.T. -0.041 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

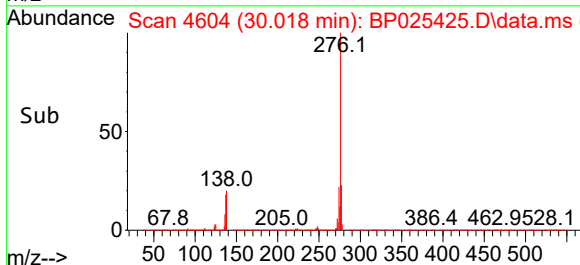
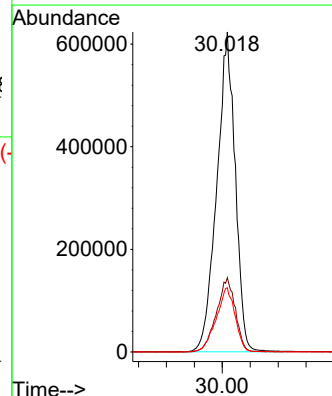
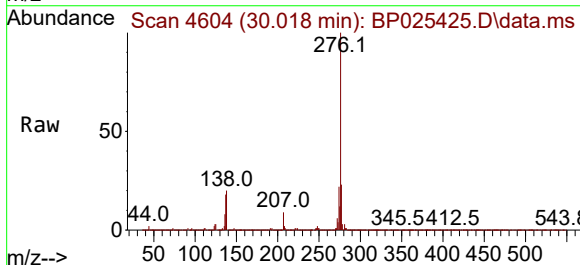
Instrument :
BNA_P
ClientSampleId :
PB169230BSD

Tgt Ion:278 Resp: 2913978
Ion Ratio Lower Upper
278 100
139 15.1 13.0 19.4
279 23.8 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 46.665 ng
RT: 30.018 min Scan# 4604
Delta R.T. -0.041 min
Lab File: BP025425.D
Acq: 15 Aug 2025 13:26

Tgt Ion:276 Resp: 2846019
Ion Ratio Lower Upper
276 100
277 23.2 19.4 29.0
138 20.1 16.7 25.1



Manual Integration Report

Sequence:	bf081525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BF143418.D	Benzoic acid	Rahul	8/18/2025 8:33:03 AM	Jagrut	8/18/2025 8:43:19 AM	Peak Integrated by Software
SSTDICC020	BF143419.D	Benzoic acid	Rahul	8/18/2025 8:33:06 AM	Jagrut	8/18/2025 8:43:12 AM	Peak Integrated by Software



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Manual Integration Report

Sequence:

bf081825

Instrument

BNA_f

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:	BP081425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP025393.D	Acenaphthene	Rahul	8/15/2025 9:34:57 AM	Jagrut	8/15/2025 12:49:22 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Acenaphthene	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Benzaldehyde	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Benzoic acid	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Acenaphthene	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Benzoic acid	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICCC040	BP025396.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:47 AM	Jagrut	8/15/2025 12:49:30 PM	Peak Integrated by Software
SSTDICC050	BP025397.D	Benzo(g,h,i)perylene	Rahul	8/15/2025 9:34:43 AM	Jagrut	8/15/2025 12:49:33 PM	Peak Integrated by Software
SSTDICC050	BP025397.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:43 AM	Jagrut	8/15/2025 12:49:33 PM	Peak Integrated by Software
SSTDICC080	BP025399.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:40 AM	Jagrut	8/15/2025 12:49:36 PM	Peak Integrated by Software
SSTDICV040	BP025400.D	Acenaphthene	Rahul	8/15/2025 9:34:38 AM	Jagrut	8/15/2025 12:49:39 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

BP081425

Instrument

BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025403.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:33 AM	Jagrut	8/15/2025 12:49:44 PM	Peak Integrated by Software
SSTDCCC040	BP025405.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:31 AM	Jagrut	8/15/2025 12:49:46 PM	Peak Integrated by Software
SSTDCCC040	BP025420.D	Acenaphthene	Rahul	8/15/2025 12:47:42 PM	Jagrut	8/15/2025 12:48:50 PM	Peak Integrated by Software
SSTDCCC040	BP025420.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 12:47:42 PM	Jagrut	8/15/2025 12:48:50 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

BP081525

Instrument

BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025422.D	Acenaphthene	Rahul	8/18/2025 8:33:34 AM	Jagrut	8/18/2025 8:42:26 AM	Peak Integrated by Software
PB169230BS	BP025424.D	Benzo(g,h,i)perylene	Rahul	8/18/2025 8:33:37 AM	Jagrut	8/18/2025 8:42:28 AM	Peak Integrated by Software
SSTDCCC040	BP025436.D	Acenaphthene	Rahul	8/18/2025 8:33:44 AM	Jagrut	8/18/2025 8:42:33 AM	Peak Integrated by Software
SSTDCCC040	BP025438.D	Acenaphthene	Rahul	8/18/2025 8:33:47 AM	Jagrut	8/18/2025 8:42:35 AM	Peak Integrated by Software
SSTDCCC040	BP025438.D	Benzo(g,h,i)perylene	Rahul	8/18/2025 8:33:47 AM	Jagrut	8/18/2025 8:42:35 AM	Peak Integrated by Software

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF081525

Review By	Rahul	Review On	8/18/2025 8:39:29 AM
Supervise By	Jagrut	Supervise On	8/18/2025 8:43:38 AM
SubDirectory	BF081525	HP Acquire Method	BNA_F
		HP Processing Method	bf081525
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13170,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143415.D	15 Aug 2025 13:59	RC/JU	Ok
2	SSTDICC2.5	BF143416.D	15 Aug 2025 14:29	RC/JU	Ok
3	SSTDICC005	BF143417.D	15 Aug 2025 14:58	RC/JU	Ok
4	SSTDICC010	BF143418.D	15 Aug 2025 15:28	RC/JU	Ok,M
5	SSTDICC020	BF143419.D	15 Aug 2025 15:58	RC/JU	Ok,M
6	SSTDICCC040	BF143420.D	15 Aug 2025 16:28	RC/JU	Ok
7	SSTDICC050	BF143421.D	15 Aug 2025 16:58	RC/JU	Ok
8	SSTDICC060	BF143422.D	15 Aug 2025 17:27	RC/JU	Ok
9	SSTDICC080	BF143423.D	15 Aug 2025 17:57	RC/JU	Ok
10	SSTDICV040	BF143424.D	15 Aug 2025 18:57	RC/JU	Ok
11	PB169229BL	BF143425.D	15 Aug 2025 19:27	RC/JU	Ok
12	PB169229BS	BF143426.D	15 Aug 2025 19:56	RC/JU	Ok,M
13	SSTDCCC040	BF143427.D	15 Aug 2025 20:26	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF081825

Review By	Rahul	Review On	8/19/2025 8:33:20 AM
Supervise By	Jagrut	Supervise On	8/19/2025 8:38:35 AM
SubDirectory	BF081825	HP Acquire Method	BNA_F
		HP Processing Method	bf081525
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13170,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143428.D	18 Aug 2025 08:37	RC/JU	Ok
2	SSTDCCC040	BF143429.D	18 Aug 2025 09:06	RC/JU	Ok
3	PB169212TB	BF143430.D	18 Aug 2025 09:35	RC/JU	Ok
4	PB169256BS	BF143431.D	18 Aug 2025 10:04	RC/JU	Ok,M
5	PB169256BSD	BF143432.D	18 Aug 2025 10:33	RC/JU	Ok,M
6	PB169256BL	BF143433.D	18 Aug 2025 11:02	RC/JU	Ok
7	Q2832-10	BF143434.D	18 Aug 2025 11:41	RC/JU	Ok,M
8	Q2844-01	BF143435.D	18 Aug 2025 12:10	RC/JU	Ok
9	Q2837-01	BF143436.D	18 Aug 2025 12:39	RC/JU	Ok
10	Q2811-02	BF143437.D	18 Aug 2025 13:08	RC/JU	Ok
11	Q2844-06	BF143438.D	18 Aug 2025 13:37	RC/JU	Ok,M
12	Q2844-11	BF143439.D	18 Aug 2025 14:06	RC/JU	Ok
13	Q2844-09	BF143440.D	18 Aug 2025 14:36	RC/JU	Ok
14	Q2844-04	BF143441.D	18 Aug 2025 15:05	RC/JU	Ok
15	Q2844-02	BF143442.D	18 Aug 2025 15:34	RC/JU	Ok,M
16	Q2874-03	BF143443.D	18 Aug 2025 16:04	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM
SubDirectory	BP081425	HP Acquire Method	BNA_P
		HP Processing Method	bp081425
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S13170,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025390.D	14 Aug 2025 10:30	CG/JU	Ok
2	SSTDCCC040	BP025391.D	14 Aug 2025 11:52	CG/JU	Not Ok
3	SSTDICC2.5	BP025392.D	14 Aug 2025 12:33	CG/JU	Ok
4	SSTDICC005	BP025393.D	14 Aug 2025 13:15	CG/JU	Ok,M
5	SSTDICC010	BP025394.D	14 Aug 2025 13:56	CG/JU	Ok,M
6	SSTDICC020	BP025395.D	14 Aug 2025 14:38	CG/JU	Ok,M
7	SSTDICCC040	BP025396.D	14 Aug 2025 15:19	CG/JU	Ok,M
8	SSTDICC050	BP025397.D	14 Aug 2025 16:01	CG/JU	Ok,M
9	SSTDICC060	BP025398.D	14 Aug 2025 16:42	CG/JU	Ok
10	SSTDICC080	BP025399.D	14 Aug 2025 17:24	CG/JU	Ok,M
11	SSTDICV040	BP025400.D	14 Aug 2025 18:05	CG/JU	Ok,M
12	PB169200TB	BP025401.D	14 Aug 2025 19:28	CG/JU	Ok
13	PB169210BS	BP025402.D	14 Aug 2025 20:10	CG/JU	Ok,M
14	SSTDCCC040	BP025403.D	14 Aug 2025 20:51	CG/JU	Ok,M
15	DFTPP	BP025404.D	14 Aug 2025 22:14	CG/JU	Ok
16	SSTDCCC040	BP025405.D	14 Aug 2025 22:56	CG/JU	Ok,M
17	PB169228BL	BP025406.D	14 Aug 2025 23:37	CG/JU	Ok
18	PB169228BS	BP025407.D	15 Aug 2025 00:18	CG/JU	Ok,M
19	Q2820-10	BP025408.D	15 Aug 2025 01:00	CG/JU	Ok
20	Q2820-11	BP025409.D	15 Aug 2025 01:41	CG/JU	Ok
21	Q2820-21	BP025410.D	15 Aug 2025 02:22	CG/JU	ReRun

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840			
CCC		SP6836			
Internal Standard/PEM		S13170,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

22	Q2820-22	BP025411.D	15 Aug 2025 03:03	CG/JU	ReRun
23	Q2820-14	BP025412.D	15 Aug 2025 03:45	CG/JU	Ok
24	Q2820-16	BP025413.D	15 Aug 2025 04:26	CG/JU	Ok
25	Q2820-17	BP025414.D	15 Aug 2025 05:07	CG/JU	Ok
26	Q2820-17MS	BP025415.D	15 Aug 2025 05:48	CG/JU	Ok,M
27	Q2820-17MSD	BP025416.D	15 Aug 2025 06:29	CG/JU	Ok,M
28	Q2820-18	BP025417.D	15 Aug 2025 07:10	CG/JU	Ok
29	Q2820-19	BP025418.D	15 Aug 2025 07:51	CG/JU	ReRun
30	Q2820-20	BP025419.D	15 Aug 2025 08:32	CG/JU	ReRun
31	SSTDCCC040	BP025420.D	15 Aug 2025 09:13	CG/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP081525

Review By	Rahul	Review On	8/18/2025 8:39:39 AM
Supervise By	Jagrut	Supervise On	8/18/2025 8:42:55 AM
SubDirectory	BP081525	HP Acquire Method	BNA_P
		HP Processing Method	bp081425
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S13170,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025421.D	15 Aug 2025 09:55	CG/JU	Ok
2	SSTDCCC040	BP025422.D	15 Aug 2025 10:36	CG/JU	Ok,M
3	PB169230BL	BP025423.D	15 Aug 2025 11:17	CG/JU	Ok
4	PB169230BS	BP025424.D	15 Aug 2025 11:59	CG/JU	Ok,M
5	PB169230BSD	BP025425.D	15 Aug 2025 13:26	CG/JU	Ok
6	Q2814-05RE	BP025426.D	15 Aug 2025 14:08	CG/JU	Confirms
7	Q2814-20	BP025427.D	15 Aug 2025 14:49	CG/JU	Ok
8	Q2814-11	BP025428.D	15 Aug 2025 15:31	CG/JU	Ok
9	Q2814-17	BP025429.D	15 Aug 2025 16:12	CG/JU	Ok
10	Q2814-18	BP025430.D	15 Aug 2025 16:54	CG/JU	ReRun
11	Q2827-05DL	BP025431.D	15 Aug 2025 17:35	CG/JU	Ok,M
12	Q2820-07RE	BP025432.D	15 Aug 2025 18:17	CG/JU	Confirms
13	Q2820-01RE	BP025433.D	15 Aug 2025 18:58	CG/JU	Confirms
14	Q2820-21RE	BP025434.D	15 Aug 2025 19:40	CG/JU	Confirms
15	Q2820-22RE	BP025435.D	15 Aug 2025 20:21	CG/JU	Confirms
16	SSTDCCC040	BP025436.D	15 Aug 2025 21:03	CG/JU	Ok,M
17	DFTPP	BP025437.D	15 Aug 2025 23:08	CG/JU	Ok
18	SSTDCCC040	BP025438.D	15 Aug 2025 23:49	CG/JU	Ok,M
19	PB169275BL	BP025439.D	16 Aug 2025 00:31	CG/JU	Ok
20	PB169275BS	BP025440.D	16 Aug 2025 01:13	CG/JU	Ok,M
21	Q2732-03	BP025441.D	16 Aug 2025 01:55	CG/JU	Ok

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP081525

Review By	Rahul	Review On	8/18/2025 8:39:39 AM
Supervise By	Jagrut	Supervise On	8/18/2025 8:42:55 AM
SubDirectory	BP081525	HP Acquire Method	BNA_P
		HP Processing Method	bp081425
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S13170,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q2836-03	BP025442.D	16 Aug 2025 02:37	CG/JU	Ok
23	Q2836-07	BP025443.D	16 Aug 2025 03:19	CG/JU	Ok
24	Q2836-11	BP025444.D	16 Aug 2025 04:00	CG/JU	Ok
25	Q2836-15	BP025445.D	16 Aug 2025 04:41	CG/JU	Ok
26	Q2838-04	BP025446.D	16 Aug 2025 05:22	CG/JU	Ok
27	Q2838-08	BP025447.D	16 Aug 2025 06:04	CG/JU	Ok
28	Q2832-02	BP025448.D	16 Aug 2025 06:45	CG/JU	Ok
29	Q2832-02MS	BP025449.D	16 Aug 2025 07:26	CG/JU	Ok,M
30	Q2832-02MSD	BP025450.D	16 Aug 2025 08:07	CG/JU	Ok,M
31	Q2832-04	BP025451.D	16 Aug 2025 08:48	CG/JU	Ok
32	Q2832-06	BP025452.D	16 Aug 2025 09:29	CG/JU	Ok
33	Q2832-08	BP025453.D	16 Aug 2025 10:11	CG/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF081525

Review By	Rahul	Review On	8/18/2025 8:39:29 AM
Supervise By	Jagrut	Supervise On	8/18/2025 8:43:38 AM
SubDirectory	BF081525	HP Acquire Method	BNA_F
		HP Processing Method	bf081525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143415.D	15 Aug 2025 13:59		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF143416.D	15 Aug 2025 14:29		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF143417.D	15 Aug 2025 14:58		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF143418.D	15 Aug 2025 15:28		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BF143419.D	15 Aug 2025 15:58	Compound#41,54 Kept on LR	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF143420.D	15 Aug 2025 16:28	Benzaldehyde failed in the Calibration.	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF143421.D	15 Aug 2025 16:58		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF143422.D	15 Aug 2025 17:27		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF143423.D	15 Aug 2025 17:57	compound #77 removed.	RC/JU	Ok
10	SSTDICV040	ICVBF081525	BF143424.D	15 Aug 2025 18:57		RC/JU	Ok
11	PB169229BL	PB169229BL	BF143425.D	15 Aug 2025 19:27		RC/JU	Ok
12	PB169229BS	PB169229BS	BF143426.D	15 Aug 2025 19:56		RC/JU	Ok,M
13	SSTDCCC040	SSTDCCC040EC	BF143427.D	15 Aug 2025 20:26		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF081825

Review By	Rahul	Review On	8/19/2025 8:33:20 AM
Supervise By	Jagrut	Supervise On	8/19/2025 8:38:35 AM
SubDirectory	BF081825	HP Acquire Method	BNA_F
		HP Processing Method	bf081525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143428.D	18 Aug 2025 08:37		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143429.D	18 Aug 2025 09:06		RC/JU	Ok
3	PB169212TB	PB169212TB	BF143430.D	18 Aug 2025 09:35		RC/JU	Ok
4	PB169256BS	PB169256BS	BF143431.D	18 Aug 2025 10:04		RC/JU	Ok,M
5	PB169256BSD	PB169256BSD	BF143432.D	18 Aug 2025 10:33		RC/JU	Ok,M
6	PB169256BL	PB169256BL	BF143433.D	18 Aug 2025 11:02		RC/JU	Ok
7	Q2832-10	TG-S05	BF143434.D	18 Aug 2025 11:41		RC/JU	Ok,M
8	Q2844-01	PAD-081325	BF143435.D	18 Aug 2025 12:10		RC/JU	Ok
9	Q2837-01	TW-WTS-13	BF143436.D	18 Aug 2025 12:39		RC/JU	Ok
10	Q2811-02	EFF-WASTE WATER	BF143437.D	18 Aug 2025 13:08	Surrogate Fail	RC/JU	Ok
11	Q2844-06	MOO-25-0223	BF143438.D	18 Aug 2025 13:37	Internal Standard Failed.	RC/JU	Ok,M
12	Q2844-11	MOO-25-0228	BF143439.D	18 Aug 2025 14:06		RC/JU	Ok
13	Q2844-09	MOO-25-0226	BF143440.D	18 Aug 2025 14:36		RC/JU	Ok
14	Q2844-04	MOO-25-0234-0235	BF143441.D	18 Aug 2025 15:05	Internal Standard Fail	RC/JU	Ok
15	Q2844-02	MOO-25-0224-0225	BF143442.D	18 Aug 2025 15:34	Internal Standard Fail	RC/JU	Ok,M
16	Q2874-03	ELI-HQ-CONCRETE	BF143443.D	18 Aug 2025 16:04		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM
SubDirectory	BP081425	HP Acquire Method	BNA_P
		HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025390.D	14 Aug 2025 10:30		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025391.D	14 Aug 2025 11:52	A Fresh Calibration is required.	CG/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BP025392.D	14 Aug 2025 12:33		CG/JU	Ok
4	SSTDICC005	SSTDICC005	BP025393.D	14 Aug 2025 13:15		CG/JU	Ok,M
5	SSTDICC010	SSTDICC010	BP025394.D	14 Aug 2025 13:56		CG/JU	Ok,M
6	SSTDICC020	SSTDICC020	BP025395.D	14 Aug 2025 14:38		CG/JU	Ok,M
7	SSTDICCC040	SSTDICCC040	BP025396.D	14 Aug 2025 15:19	Benzidine failed in the Calibration Method.	CG/JU	Ok,M
8	SSTDICC050	SSTDICC050	BP025397.D	14 Aug 2025 16:01		CG/JU	Ok,M
9	SSTDICC060	SSTDICC060	BP025398.D	14 Aug 2025 16:42		CG/JU	Ok
10	SSTDICC080	SSTDICC080	BP025399.D	14 Aug 2025 17:24		CG/JU	Ok,M
11	SSTDICV040	ICVBP081425	BP025400.D	14 Aug 2025 18:05		CG/JU	Ok,M
12	PB169200TB	PB169200TB	BP025401.D	14 Aug 2025 19:28		CG/JU	Ok
13	PB169210BS	PB169210BS	BP025402.D	14 Aug 2025 20:10		CG/JU	Ok,M
14	SSTDCCC040	SSTDCCC040EC	BP025403.D	14 Aug 2025 20:51		CG/JU	Ok,M
15	DFTPP	DFTPP	BP025404.D	14 Aug 2025 22:14		CG/JU	Ok
16	SSTDCCC040	SSTDCCC040	BP025405.D	14 Aug 2025 22:56		CG/JU	Ok,M
17	PB169228BL	PB169228BL	BP025406.D	14 Aug 2025 23:37		CG/JU	Ok

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425
STD. NAME	STD REF.#				
Tune/Reschk	SP6757				
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840				
CCC	SP6836				
Internal Standard/PEM	S13170,10ul/1000ul sample				
ICV/I.BLK	SP6770				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

18	PB169228BS	PB169228BS	BP025407.D	15 Aug 2025 00:18		CG/JU	Ok,M
19	Q2820-10	SOIL-DUP-2	BP025408.D	15 Aug 2025 01:00		CG/JU	Ok
20	Q2820-11	10PC-W	BP025409.D	15 Aug 2025 01:41		CG/JU	Ok
21	Q2820-21	22M-N	BP025410.D	15 Aug 2025 02:22	Surrogate Fail	CG/JU	ReRun
22	Q2820-22	22M-W	BP025411.D	15 Aug 2025 03:03	Surrogate Fail	CG/JU	ReRun
23	Q2820-14	10P-E	BP025412.D	15 Aug 2025 03:45		CG/JU	Ok
24	Q2820-16	10P-N	BP025413.D	15 Aug 2025 04:26		CG/JU	Ok
25	Q2820-17	88H-E	BP025414.D	15 Aug 2025 05:07		CG/JU	Ok
26	Q2820-17MS	88H-EMS	BP025415.D	15 Aug 2025 05:48		CG/JU	Ok,M
27	Q2820-17MSD	88H-EMSD	BP025416.D	15 Aug 2025 06:29		CG/JU	Ok,M
28	Q2820-18	88H-N	BP025417.D	15 Aug 2025 07:10		CG/JU	Ok
29	Q2820-19	88H-W	BP025418.D	15 Aug 2025 07:51	Surrogate fail	CG/JU	ReRun
30	Q2820-20	88H-S	BP025419.D	15 Aug 2025 08:32	Surrogate Fail	CG/JU	ReRun
31	SSTDCCC040	SSTDCCC040EC	BP025420.D	15 Aug 2025 09:13		CG/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP081525

Review By	Rahul	Review On	8/18/2025 8:39:39 AM
Supervise By	Jagrut	Supervise On	8/18/2025 8:42:55 AM
SubDirectory	BP081525	HP Acquire Method	BNA_P
		HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025421.D	15 Aug 2025 09:55		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025422.D	15 Aug 2025 10:36		CG/JU	Ok,M
3	PB169230BL	PB169230BL	BP025423.D	15 Aug 2025 11:17		CG/JU	Ok
4	PB169230BS	PB169230BS	BP025424.D	15 Aug 2025 11:59		CG/JU	Ok,M
5	PB169230BSD	PB169230BSD	BP025425.D	15 Aug 2025 13:26		CG/JU	Ok
6	Q2814-05RE	TW-82H-ERE	BP025426.D	15 Aug 2025 14:08	Surrogate Fail	CG/JU	Confirms
7	Q2814-20	TW-518R-W	BP025427.D	15 Aug 2025 14:49		CG/JU	Ok
8	Q2814-11	TW-38M-S	BP025428.D	15 Aug 2025 15:31		CG/JU	Ok
9	Q2814-17	TW-518R-S	BP025429.D	15 Aug 2025 16:12		CG/JU	Ok
10	Q2814-18	TW-518R-N	BP025430.D	15 Aug 2025 16:54	Surrogate Fail	CG/JU	ReRun
11	Q2827-05DL	TP-9DL	BP025431.D	15 Aug 2025 17:35		CG/JU	Ok,M
12	Q2820-07RE	518R-SRE	BP025432.D	15 Aug 2025 18:17	Surrogate Fail	CG/JU	Confirms
13	Q2820-01RE	82H-SRE	BP025433.D	15 Aug 2025 18:58	Surrogate Fail	CG/JU	Confirms
14	Q2820-21RE	22M-NRE	BP025434.D	15 Aug 2025 19:40	Surrogate Fail	CG/JU	Confirms
15	Q2820-22RE	22M-WRE	BP025435.D	15 Aug 2025 20:21	Surrogate Fail	CG/JU	Confirms
16	SSTDCCC040	SSTDCCC040EC	BP025436.D	15 Aug 2025 21:03		CG/JU	Ok,M
17	DFTPP	DFTPP	BP025437.D	15 Aug 2025 23:08		CG/JU	Ok
18	SSTDCCC040	SSTDCCC040	BP025438.D	15 Aug 2025 23:49		CG/JU	Ok,M

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP081525

Review By	Rahul	Review On	8/18/2025 8:39:39 AM		
Supervise By	Jagrut	Supervise On	8/18/2025 8:42:55 AM		
SubDirectory	BP081525	HP Acquire Method	BNA_P	HP Processing Method	bp081425
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840			
CCC		SP6836			
Internal Standard/PEM		S13170,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

19	PB169275BL	PB169275BL	BP025439.D	16 Aug 2025 00:31		CG/JU	Ok
20	PB169275BS	PB169275BS	BP025440.D	16 Aug 2025 01:13		CG/JU	Ok,M
21	Q2732-03	WC-A7-01-C	BP025441.D	16 Aug 2025 01:55		CG/JU	Ok
22	Q2836-03	WC-A2-15-C	BP025442.D	16 Aug 2025 02:37		CG/JU	Ok
23	Q2836-07	WC-A2-16-C	BP025443.D	16 Aug 2025 03:19		CG/JU	Ok
24	Q2836-11	WC-A2-17-C	BP025444.D	16 Aug 2025 04:00		CG/JU	Ok
25	Q2836-15	WC-A5-02-C	BP025445.D	16 Aug 2025 04:41		CG/JU	Ok
26	Q2838-04	TP-11	BP025446.D	16 Aug 2025 05:22		CG/JU	Ok
27	Q2838-08	TP-10	BP025447.D	16 Aug 2025 06:04		CG/JU	Ok
28	Q2832-02	TG-S01	BP025448.D	16 Aug 2025 06:45		CG/JU	Ok
29	Q2832-02MS	TG-S01MS	BP025449.D	16 Aug 2025 07:26		CG/JU	Ok,M
30	Q2832-02MSD	TG-S01MSD	BP025450.D	16 Aug 2025 08:07		CG/JU	Ok,M
31	Q2832-04	TG-S02	BP025451.D	16 Aug 2025 08:48		CG/JU	Ok
32	Q2832-06	TG-S03	BP025452.D	16 Aug 2025 09:29		CG/JU	Ok
33	Q2832-08	TG-S04	BP025453.D	16 Aug 2025 10:11		CG/JU	Ok

M : Manual Integration

SOP ID: M3510C,3580A-Extraction SVOC-21

Clean Up SOP #: N/A

Extraction Start Date : 08/12/2025

Matrix : Water

Extraction Start Time : 11:39

Weigh By: N/A

Extraction By: RS

Extraction End Date : 08/12/2025

Balance check: N/A

Filter By: RJ

Extraction End Time : 16:45

Balance ID: N/A

pH Meter ID: N/A

Concentration By: RS

pH Strip Lot#: E3880

Hood ID: 4,5,6,7

Supervisor By : RUPESH

Extraction Method: ☒ Separatory Funnel

☐ Continous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6849
Surrogate	1.0ML	100/150 PPM	SP6852
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3954
Baked Na2SO4	N/A	EP2632
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
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:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH , 1.5ML Vial Lot # 2210443.

KD Bath ID: WATER BATH-1,2

Envap ID: NE VAP-02

KD Bath Temperature: 60 °C

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/12/25	RS (Ext Lab)	RS/SVOC
16:50	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 08/12/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169230BL	SBLK230	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB169230BS	SLCS230	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB169230BS D	SLCSD230	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
Q2815-01	TW-705R-S	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	C	Muddy	4
Q2815-02	TW-10PC-W	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C		5
Q2815-03	TW-10P-E	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C		6
Q2815-04	TW-10P-S	SVOC-TCL BNA -20	980	6	RUPESH	ritesh	1	C		7
Q2815-05	TW-10P-W	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	C		8
Q2815-06	TW-10P-N	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C		9
Q2815-07	TW-88H-E	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C	Muddy	10
Q2815-08	TW-88H-N	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C	Muddy	11
Q2815-09	TW-88H-W	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	C		12
Q2815-10	TW-88H-S	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C		13
Q2815-11	TW-22M-W	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C	Muddy	14
Q2815-12	TW-22M-S	SVOC-TCL BNA -20	980	6	RUPESH	ritesh	1	C	Muddy	15
Q2815-13	TW-22M-E	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C	Muddy	16
Q2815-14	TW-22M-N	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C	Muddy	SEP-1
Q2815-15	TW-17M-E	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	C	Muddy	2
Q2825-01	TW1	SVOCMS Group2	940	6	RUPESH	ritesh	1	C		3
Q2837-01	TW-WTS-13	SVOCMS Group4	980	12	RUPESH	ritesh	1	F		4

169228
10:39

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2825 WorkList ID : 191245 Department : Extraction Date : 08-12-2025 10:33:34

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2815-01	TW-705R-S	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/06/2025	8270E
Q2815-02	TW-10PC-W	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/06/2025	8270E
Q2815-03	TW-10P-E	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/06/2025	8270E
Q2815-04	TW-10P-S	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/06/2025	8270E
Q2815-05	TW-10P-W	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/06/2025	8270E
Q2815-06	TW-10P-N	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/06/2025	8270E
Q2815-07	TW-88H-E	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/07/2025	8270E
Q2815-08	TW-88H-N	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/07/2025	8270E
Q2815-09	TW-88H-W	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/07/2025	8270E
Q2815-10	TW-88H-S	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/07/2025	8270E
Q2815-11	TW-22M-W	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/08/2025	8270E
Q2815-12	TW-22M-S	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/08/2025	8270E
Q2815-13	TW-22M-E	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/08/2025	8270E
Q2815-14	TW-22M-N	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/08/2025	8270E
Q2815-15	TW-17M-E	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/08/2025	8270E
Q2825-01	TW1	Water	SVOCMS Group2	Cool 4 deg C	GENV01	D31	08/10/2025	8270E
Q2837-01	TW-WTS-13	Water	SVOCMS Group4	Cool 4 deg C	ENTA05	J23	08/12/2025	8270E

Date/Time 8/12/25 11:35
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by: RS

Date/Time 8/12/25 12:15
Raw Sample Received by: RS
Raw Sample Relinquished by: RS (Ext Lab)



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 788-9222

www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q 2837

COC Number:

Page 1 of 1

CLIENT INFORMATION

COMPANY: ENTACT, LLC

ADDRESS: 150 Bay Street, Suite 806

CITY: Jersey City STATE: NJ ZIP: 07302

ATTENTION: Austin Farmerie

PHONE: 412-716-1366

FAX:

PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY

PROJECT #: E9309 LOCATION: Brooklyn, NY

PROJECT MANAGER: Austin Farmerie

E-MAIL: afarmerie@entact.com

PHONE: 412-716-1366

FAX:

BILLING INFORMATION

BILL TO: ENTACT, LLC

PO# E9309

ADDRESS: 999 Oakmont Plaza Drive, Suite 300

CITY: Westmont

STATE: IL ZIP: 60559

ATTENTION: Wendy Murray

PHONE: 800-936-8228

ANALYSIS

SVOC-TCL BNA-20	Flash Point	PCB	BOD5	TSS	VOC-TCLVOA- 10	Metals ICP-TAL			
1	2	3	4	5	6	7	8	9	

DATA TURNAROUND INFORMATION

FAX: 5 DAYS*

HARD COPY: DAYS*

EDD 5 DAYS*

* TO BE APPROVED BY ALLIANCE

STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

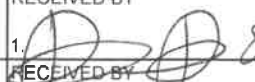
- ☐ RESEULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD Format _____

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	E	E	E	E	E	A	B			<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	TW-WTS-13	Surface Water		X	8/12	12:00	7	X	X	X	X	X	X	X			
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER 1. Austin Farmerie	DATE/TIME 08/12/25 12:00	RECEIVED BY 1.  1211 8-12-25	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp <u>5.1C</u> ☐ Ice in Cooler? _____
RELINQUISHED BY	DATE/TIME	RECEIVED BY	Comments:
2.		2.	
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY	
3. 	8-12-25	3.	

Page _____ of _____

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete
☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

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	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2837	ENTA05	Order Date : 8/12/2025 1:00:00 PM	Project Mgr :
Client Name : ENTACT		Project Name : 540 Degraw St, Brooklyn, N	Report Type : Level 1
Client Contact : Austin Farmerie		Receive DateTime : 8/12/2025 2:00:00 PM	EDD Type : Excel NJ
Invoice Name : ENTACT		Purchase Order :	Hard Copy Date :
Invoice Contact : Austin Farmerie			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2837-01	TW-WTS-13	Water	08/12/2025	12:00		VOCMS Group4	8260-Low		5 Bus. Days

Relinquished By :

Date / Time :


8-12-25 1505

Received By :

Date / Time :


8/12/25 1505

Storage Area : VOA Refridgerator Room