

Cover Page

Order ID : Q3155

Project ID : Tanner G. Duckrey Public School

Client : Kleinfelder

Lab Sample Number

Q3155-01
Q3155-02
Q3155-03
Q3155-04

Client Sample Number

COMP-1
COMP-2
COMP-3
TB

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: 9/26/2025

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 #: Q3155

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: KETAN PATEL

Date: 09/26/2025

LAB CHRONICLE

OrderID:	Q3155	OrderDate:	9/19/2025 1:05:00 PM
Client:	Kleinfelder	Project:	Tanner G. Duckrey Public School
Contact:	Mark Warchol	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3155-01	COMP-1	SOIL	SVOCMS Group1	8270E	09/19/25	09/22/25	09/23/25	09/19/25
Q3155-02	COMP-2	SOIL	SVOCMS Group1	8270E	09/19/25	09/22/25	09/23/25	09/19/25
Q3155-03	COMP-3	SOIL	SVOCMS Group1	8270E	09/19/25	09/22/25	09/23/25	09/19/25

Hit Summary Sheet SW-846

SDG No.: Q3155
Client: Kleinfelder

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-1								
Q3155-01	COMP-1	SOIL	Phenanthrene	290.000		23.8	190	ug/Kg
Q3155-01	COMP-1	SOIL	Pyrene	520.000		40.9	190	ug/Kg
Q3155-01	COMP-1	SOIL	Benzo(a)anthracene	230.000		26.2	190	ug/Kg
Q3155-01	COMP-1	SOIL	Chrysene	240.000		22.6	190	ug/Kg
Q3155-01	COMP-1	SOIL	Benzo(b)fluoranthene	320.000		21.6	190	ug/Kg
Q3155-01	COMP-1	SOIL	Benzo(a)pyrene	240.000		33.5	190	ug/Kg
Q3155-01	COMP-1	SOIL	Indeno(1,2,3-cd)pyrene	140.000	J	33.1	190	ug/Kg
Q3155-01	COMP-1	SOIL	Benzo(g,h,i)perylene	190.000		29.2	190	ug/Kg
Total Svoc :				2,170.00				
Total Concentration:				2,170.00				
Client ID : COMP-2								
Q3155-02	COMP-2	SOIL	Phenanthrene	530.000		22.9	190	ug/Kg
Q3155-02	COMP-2	SOIL	Anthracene	110.000	J	36.5	190	ug/Kg
Q3155-02	COMP-2	SOIL	Pyrene	550.000		39.5	190	ug/Kg
Q3155-02	COMP-2	SOIL	Benzo(a)anthracene	340.000		25.2	190	ug/Kg
Q3155-02	COMP-2	SOIL	Chrysene	320.000		21.8	190	ug/Kg
Q3155-02	COMP-2	SOIL	Benzo(b)fluoranthene	390.000		20.8	190	ug/Kg
Q3155-02	COMP-2	SOIL	Benzo(a)pyrene	320.000		32.3	190	ug/Kg
Q3155-02	COMP-2	SOIL	Indeno(1,2,3-cd)pyrene	170.000	J	31.9	190	ug/Kg
Q3155-02	COMP-2	SOIL	Benzo(g,h,i)perylene	200.000		28.2	190	ug/Kg
Total Svoc :				2,930.00				
Total Concentration:				2,930.00				
Client ID : COMP-3								
Q3155-03	COMP-3	SOIL	Naphthalene	90.500	J	24.7	180	ug/Kg
Q3155-03	COMP-3	SOIL	Fluorene	160.000	J	27.5	180	ug/Kg
Q3155-03	COMP-3	SOIL	Phenanthrene	2,100.000		22.7	180	ug/Kg
Q3155-03	COMP-3	SOIL	Anthracene	370.000		36.2	180	ug/Kg
Q3155-03	COMP-3	SOIL	Pyrene	1,900.000		39.1	180	ug/Kg
Q3155-03	COMP-3	SOIL	Benzo(a)anthracene	1,200.000		25	180	ug/Kg
Q3155-03	COMP-3	SOIL	Chrysene	1,100.000		21.6	180	ug/Kg
Q3155-03	COMP-3	SOIL	Benzo(b)fluoranthene	1,500.000		20.7	180	ug/Kg
Q3155-03	COMP-3	SOIL	Benzo(a)pyrene	1,100.000		32.1	180	ug/Kg
Q3155-03	COMP-3	SOIL	Indeno(1,2,3-cd)pyrene	610.000		31.6	180	ug/Kg
Q3155-03	COMP-3	SOIL	Benzo(g,h,i)perylene	730.000		27.9	180	ug/Kg
Total Svoc :				10,860.50				
Total Concentration:				10,860.50				



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Hit Summary Sheet
SW-846

SDG No.: Q3155
Client: Kleinfelder

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: **Q3155**

Client: **Kleinfelder**

Analytical Method: **8270E**

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB169774BL	PB169774BL	Nitrobenzene-d5	100	72.8	73		18	107
		2-Fluorobiphenyl	100	71.4	71		20	109
		Terphenyl-d14	100	67.4	67		10	105
PB169774BS	PB169774BS	Nitrobenzene-d5	100	69.3	69		18	107
		2-Fluorobiphenyl	100	67.8	68		20	109
		Terphenyl-d14	100	74.3	74		10	105
Q3153-05MS	OR-500-COMP-40MS	Nitrobenzene-d5	100	57.1	57		18	107
		2-Fluorobiphenyl	100	48.9	49		20	109
		Terphenyl-d14	100	56.1	56		10	105
Q3153-05MSD	OR-500-COMP-40MSD	Nitrobenzene-d5	100	59.7	60		18	107
		2-Fluorobiphenyl	100	49.7	50		20	109
		Terphenyl-d14	100	59.6	60		10	105
Q3155-01	COMP-1	Nitrobenzene-d5	100	57.1	57		18	107
		2-Fluorobiphenyl	100	53.6	54		20	109
		Terphenyl-d14	100	57.5	57		10	105
Q3155-02	COMP-2	Nitrobenzene-d5	100	67.5	67		18	107
		2-Fluorobiphenyl	100	63.1	63		20	109
		Terphenyl-d14	100	66.7	67		10	105
Q3155-03	COMP-3	Nitrobenzene-d5	100	62.8	63		18	107
		2-Fluorobiphenyl	100	61.3	61		20	109
		Terphenyl-d14	100	63.7	64		10	105

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3155

Analytical Method: SW8270E

Client: Kleinfelder

DataFile: BP025835.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3153-05MS		Client Sample ID: OR-500-COMP-40MS									
Naphthalene	1200	0	1000	ug/Kg	83				51	121	
Fluorene	1200	0	1000	ug/Kg	83				53	118	
Phenanthrene	1200	0	1000	ug/Kg	83				52	128	
Anthracene	1200	0	1000	ug/Kg	83				62	124	
Pyrene	1200	0	1100	ug/Kg	92				37	122	
Benzo(a)anthracene	1200	0	1000	ug/Kg	83				53	119	
Chrysene	1200	0	1000	ug/Kg	83				57	121	
Benzo(b)fluoranthene	1200	0	1000	ug/Kg	83				52	117	
Benzo(a)pyrene	1200	0	1000	ug/Kg	83				70	142	
Indeno(1,2,3-cd)pyrene	1200	0	1000	ug/Kg	83				40	129	
Benzo(g,h,i)perylene	1200	0	1000	ug/Kg	83				24	125	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3155

Analytical Method: SW8270E

Client: Kleinfelder

DataFile: BP025836.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3153-05MSD		Client Sample ID: OR-500-COMP-40MSD									
Naphthalene	1200	0	1000	ug/Kg	83		0		51	121	20
Fluorene	1200	0	1000	ug/Kg	83		0		53	118	20
Phenanthrene	1200	0	1000	ug/Kg	83		0		52	128	20
Anthracene	1200	0	1100	ug/Kg	92	10			62	124	20
Pyrene	1200	0	1200	ug/Kg	100	8			37	122	20
Benzo(a)anthracene	1200	0	1100	ug/Kg	92	10			53	119	20
Chrysene	1200	0	1100	ug/Kg	92	10			57	121	20
Benzo(b)fluoranthene	1200	0	1100	ug/Kg	92	10			52	117	20
Benzo(a)pyrene	1200	0	1100	ug/Kg	92	10			70	142	20
Indeno(1,2,3-cd)pyrene	1200	0	1100	ug/Kg	92	10			40	129	20
Benzo(g,h,i)perylene	1200	0	1100	ug/Kg	92	10			24	125	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3155

Analytical Method: 8270E

Client: Kleinfelder

DataFile: BP025829.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB169774BS	Naphthalene	1700	1300	ug/Kg	76				62	100	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1400	ug/Kg	82				61	105	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				60	102	
	Chrysene	1700	1400	ug/Kg	82				59	101	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(a)pyrene	1700	1500	ug/Kg	88				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1400	ug/Kg	82				63	101	
	Benzo(g,h,i)perylene	1700	1400	ug/Kg	82				70	108	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169774BL

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Lab File ID: BP025828.D

Lab Sample ID: PB169774BL

Instrument ID: BNA_P

Date Extracted: 09/22/2025

Matrix: (soil/water) SOIL

Date Analyzed: 09/23/2025

Level: (low/med) LOW

Time Analyzed: 13:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169774BS	PB169774BS	BP025829.D	09/23/2025
OR-500-COMP-40MS	Q3153-05MS	BP025835.D	09/23/2025
OR-500-COMP-40MSD	Q3153-05MSD	BP025836.D	09/23/2025
COMP-1	Q3155-01	BG064437.D	09/23/2025
COMP-2	Q3155-02	BG064438.D	09/23/2025
COMP-3	Q3155-03	BG064439.D	09/23/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BG064217.D
Instrument ID: BNA_G

Contract: POWE02
SDG NO.: Q3155
DFTPP Injection Date: 08/28/2025
DFTPP Injection Time: 10:11

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	34.7
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	7.1
365	Greater than 1% of mass 198	5.2
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	90.8
443	15.0 - 24.0% of mass 442	17 (18.7) 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	BG064218.D	08/28/2025	10:51
SSTDICC005	SSTDICC005	BG064219.D	08/28/2025	11:32
SSTDICC010	SSTDICC010	BG064220.D	08/28/2025	12:12
SSTDICC020	SSTDICC020	BG064221.D	08/28/2025	12:53
SSTDICCC040	SSTDICCC040	BG064222.D	08/28/2025	13:33
SSTDICC050	SSTDICC050	BG064223.D	08/28/2025	14:55
SSTDICC060	SSTDICC060	BG064224.D	08/28/2025	15:35
SSTDICC080	SSTDICC080	BG064225.D	08/28/2025	16:16



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: AllianceContract: POWE02Lab Code: ACESDG NO.: Q3155Lab File ID: BG064434.DDFTPP Injection Date: 09/23/2025Instrument ID: BNA_GDFTPP Injection Time: 10:47

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.2 (0.6) 1
69	Mass 69 relative abundance	29.5
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	6.4
441	Present, but less than mass 443	10
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.6 (18.6) 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	BG064435.D	09/23/2025	11:28
COMP-1	Q3155-01	BG064437.D	09/23/2025	13:18
COMP-2	Q3155-02	BG064438.D	09/23/2025	13:59
COMP-3	Q3155-03	BG064439.D	09/23/2025	14:40



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP025724.D
Instrument ID: BNA_P

Contract: POWE02
SDG NO.: Q3155
DFTPP Injection Date: 09/11/2025
DFTPP Injection Time: 08:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	10.8
442	Greater than 50% of mass 198	69.4
443	15.0 - 24.0% of mass 442	13.7 (19.7) 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	BP025725.D	09/11/2025	08:56
SSTDICC005	SSTDICC005	BP025726.D	09/11/2025	09:37
SSTDICC010	SSTDICC010	BP025727.D	09/11/2025	10:18
SSTDICC020	SSTDICC020	BP025728.D	09/11/2025	10:59
SSTDICCC040	SSTDICCC040	BP025729.D	09/11/2025	12:21
SSTDICC060	SSTDICC060	BP025731.D	09/11/2025	13:43
SSTDICC080	SSTDICC080	BP025732.D	09/11/2025	14:24
SSTDICC050	SSTDICC050	BP025733.D	09/11/2025	15:20



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP025823.D
Instrument ID: BNA_P

Contract: POWE02
SDG NO.: Q3155
DFTPP Injection Date: 09/23/2025
DFTPP Injection Time: 09:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	34.4
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11.9
442	Greater than 50% of mass 198	76
443	15.0 - 24.0% of mass 442	14.8 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025824.D	09/23/2025	11:03
PB169774BL	PB169774BL	BP025828.D	09/23/2025	13:48
PB169774BS	PB169774BS	BP025829.D	09/23/2025	14:29
OR-500-COMP-40MS	Q3153-05MS	BP025835.D	09/23/2025	18:41
OR-500-COMP-40MSD	Q3153-05MSD	BP025836.D	09/23/2025	19:22

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3155

Client ID : SSTDCCC040

Date Analyzed: 09/23/2025

Lab File ID: BG064435.D

Time Analyzed: 11:28

Instrument ID: BNA_G

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	19841	7.843	85807	10.63	61310	14.47
UPPER LIMIT	39682	8.343	171614	11.128	122620	14.965
LOWER LIMIT	9920.5	7.343	42903.5	10.128	30655	13.965
EPA SAMPLE NO.						
01 COMP-1	19558	7.84	83888	10.62	59255	14.46
02 COMP-2	22529	7.84	95164	10.62	68543	14.46
03 COMP-3	22469	7.84	93751	10.63	66454	14.46

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.: Q3155

Client ID: SSTDCCC040

Date Analyzed: 09/23/2025

Lab File ID: BG064435.D

Time Analyzed: 11:28

Instrument ID: BNA_G

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	146814	17.203	160877	21.433	172846	24.43
UPPER LIMIT	293628	17.703	321754	21.933	345692	24.93
LOWER LIMIT	73407	16.703	80438.5	20.933	86423	23.93
EPA SAMPLE NO.						
01 COMP-1	141083	17.20	152528	21.43	170295	24.43
02 COMP-2	152982	17.20	165680	21.43	182154	24.42
03 COMP-3	149111	17.20	164886	21.43	182770	24.44

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.: Q3155

Client ID : SSTDCCC040

Date Analyzed: 09/23/2025

Lab File ID: BP025824.D

Time Analyzed: 11:03

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	220036	7.755	921644	10.52	640458	14.38
UPPER LIMIT	440072	8.255	1843290	11.019	1280920	14.878
LOWER LIMIT	110018	7.255	460822	10.019	320229	13.878
EPA SAMPLE NO.						
01 PB169774BL	226989	7.75	889928	10.52	600979	14.37
02 PB169774BS	241907	7.75	991516	10.52	681683	14.37
03 OR-500-COMP-40MS	185533	7.75	778843	10.51	542949	14.37
04 OR-500-COMP-40MSD	217289	7.75	953089	10.52	680180	14.38

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.: Q3155

Client ID: SSTDCCC040

Date Analyzed: 09/23/2025

Lab File ID: BP025824.D

Time Analyzed: 11:03

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	1402360	17.178	1584560	21.63	1726840	25.007
UPPER LIMIT	2804720	17.678	3169120	22.13	3453680	25.507
LOWER LIMIT	701180	16.678	792280	21.13	863420	24.507
EPA SAMPLE NO.						
01 PB169774BL	1402810	17.18	1747160	21.64	1629650	25.00
02 PB169774BS	1453270	17.16	1418310	21.62	1138070	24.98
03 OR-500-COMP-40MS	1061860	17.18	915774	21.63	1000890	24.98
04 OR-500-COMP-40MSD	1328390	17.18	1034220	21.63	1170740	24.98

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:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-1	SDG No.:	Q3155
Lab Sample ID:	Q3155-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064437.D	1	09/22/25 09:30	09/23/25 13:18	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	25.8	U	25.8	190	ug/Kg
86-73-7	Fluorene	28.8	U	28.8	190	ug/Kg
85-01-8	Phenanthrene	290		23.8	190	ug/Kg
120-12-7	Anthracene	37.9	U	37.9	190	ug/Kg
129-00-0	Pyrene	520		40.9	190	ug/Kg
56-55-3	Benzo(a)anthracene	230		26.2	190	ug/Kg
218-01-9	Chrysene	240		22.6	190	ug/Kg
205-99-2	Benzo(b)fluoranthene	320		21.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	240		33.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	33.1	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190		29.2	190	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	57.1		18 - 107	57%	SPK: 100
321-60-8	2-Fluorobiphenyl	53.6		20 - 109	54%	SPK: 100
1718-51-0	Terphenyl-d14	57.5		10 - 105	57%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	19600	7.836			
1146-65-2	Naphthalene-d8	83900	10.62			
15067-26-2	Acenaphthene-d10	59300	14.463			
1517-22-2	Phenanthrene-d10	141000	17.201			
1719-03-5	Chrysene-d12	153000	21.431			
1520-96-3	Perylene-d12	170000	24.428			

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-1	SDG No.:	Q3155
Lab Sample ID:	Q3155-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064437.D	1	09/22/25 09:30	09/23/25 13:18	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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_G\Data\BG092325\
 Data File : BG064437.D
 Acq On : 23 Sep 2025 13:18
 Operator : RC/JU
 Sample : Q3155-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Sep 23 13:53:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

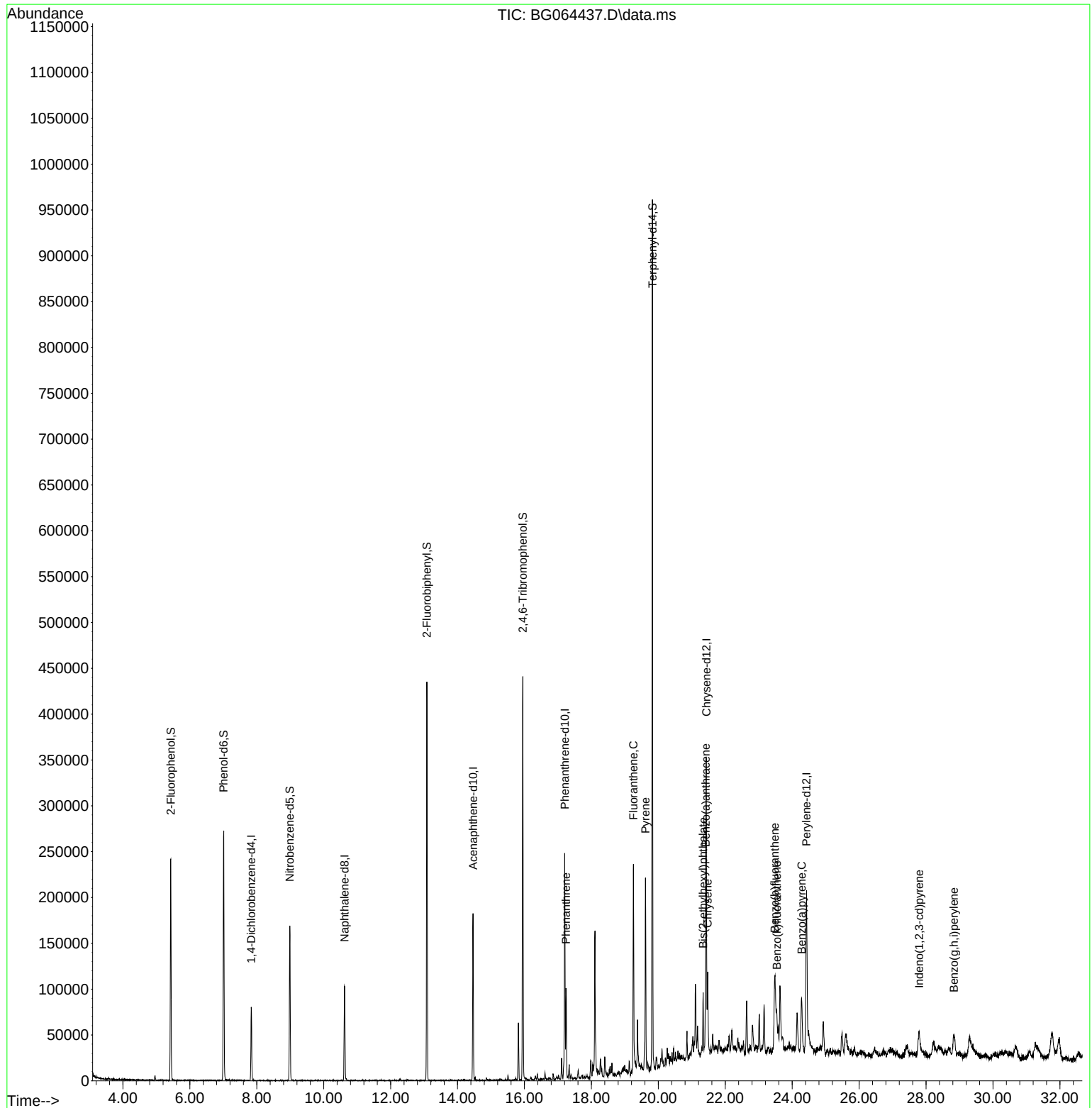
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	19558	20.000	ng	-0.02
21) Naphthalene-d8	10.620	136	83888	20.000	ng	#-0.03
39) Acenaphthene-d10	14.463	164	59255	20.000	ng	-0.02
64) Phenanthrene-d10	17.201	188	141083	20.000	ng	#-0.02
76) Chrysene-d12	21.431	240	152528	20.000	ng	#-0.02
86) Perylene-d12	24.428	264	170295	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.432	112	89530	82.128	ng	-0.01
7) Phenol-d6	7.007	99	124040	82.823	ng	-0.02
23) Nitrobenzene-d5	8.987	82	85833	57.063	ng	-0.03
42) 2,4,6-Tribromophenol	15.950	330	82399	104.986	ng	-0.02
45) 2-Fluorobiphenyl	13.082	172	208112	53.608	ng	-0.03
79) Terphenyl-d14	19.821	244	420225	57.480	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	17.242	178	57420	7.717	ng	99
75) Fluoranthene	19.257	202	129086	14.754	ng	96
78) Pyrene	19.616	202	131355	13.669	ng	99
81) Benzo(a)anthracene	21.414	228	59739	6.122	ng	92
83) Chrysene	21.472	228	59110	6.310	ng	97
84) Bis(2-ethylhexyl)phtha...	21.337	149	24018	4.414	ng	# 95
87) Indeno(1,2,3-cd)pyrene	27.789	276	43681	3.756	ng	# 62
88) Benzo(b)fluoranthene	23.482	252	80480	8.374	ng	# 97
89) Benzo(k)fluoranthene	23.541	252	33443m	3.415	ng	
90) Benzo(a)pyrene	24.281	252	57298	6.409	ng	# 98
92) Benzo(g,h,i)perylene	28.829	276	45161	4.970	ng	94

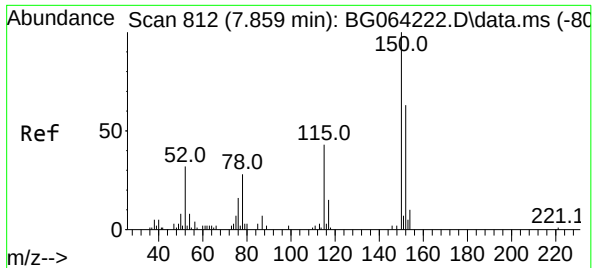
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
Data File : BG064437.D
Acq On : 23 Sep 2025 13:18
Operator : RC/JU
Sample : Q3155-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

Quant Time: Sep 23 13:53:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

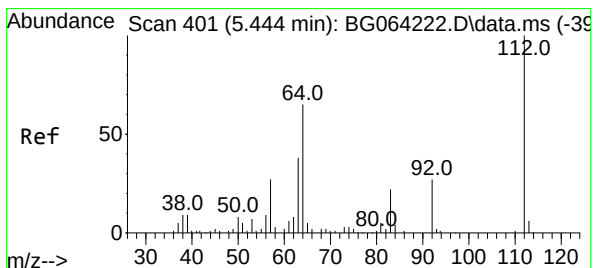
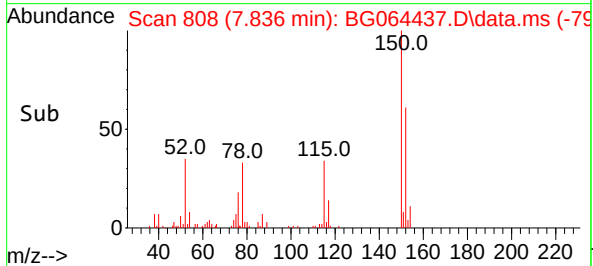
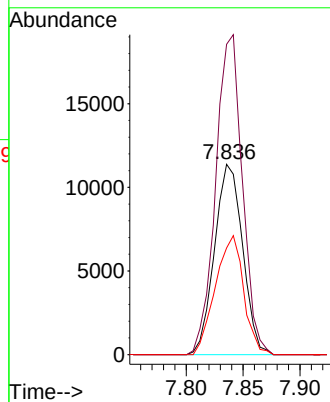
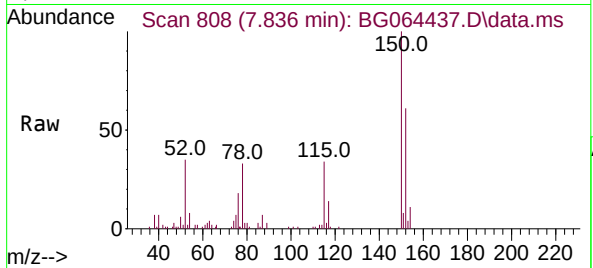




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.836 min Scan# 808
Delta R.T. -0.023 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

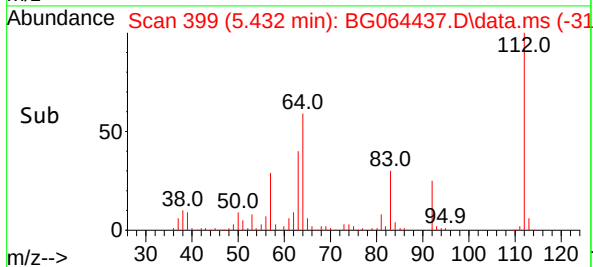
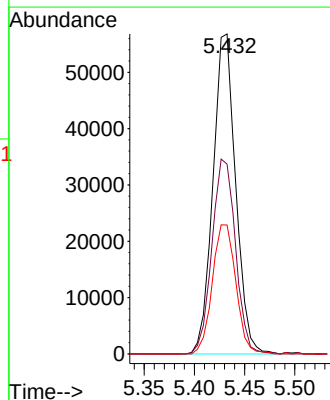
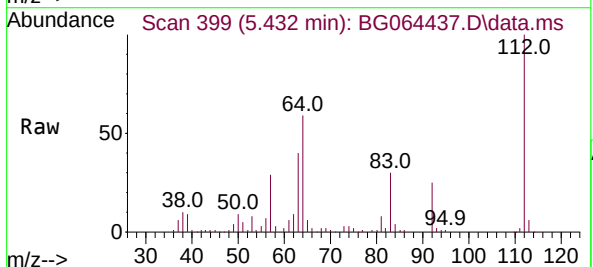
Instrument :
BNA_G
ClientSampleId :
COMP-1

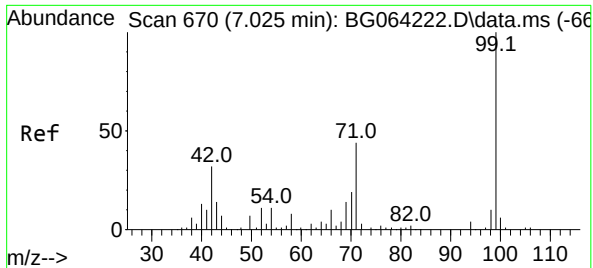
Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.1	128.0	192.0
115	56.1	55.7	83.5



#5
2-Fluorophenol
Concen: 82.128 ng
RT: 5.432 min Scan# 399
Delta R.T. -0.012 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	51.8	77.6
63	40.3	30.6	45.8

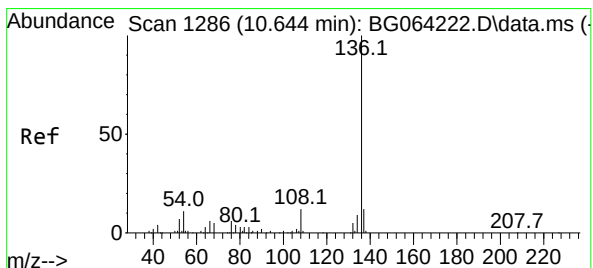
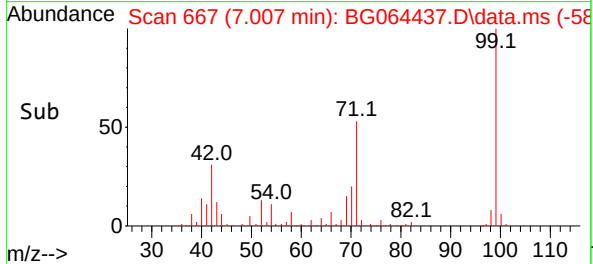
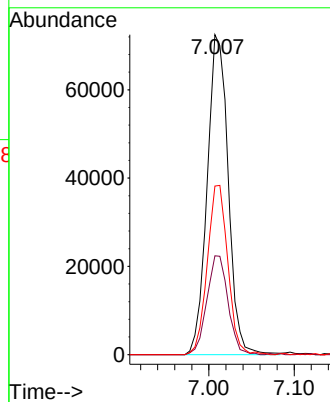
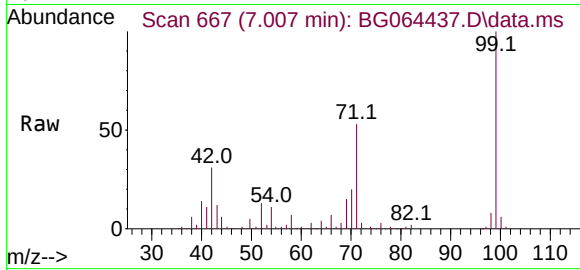




#7
Phenol-d6
Concen: 82.823 ng
RT: 7.007 min Scan# 60
Delta R.T. -0.024 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

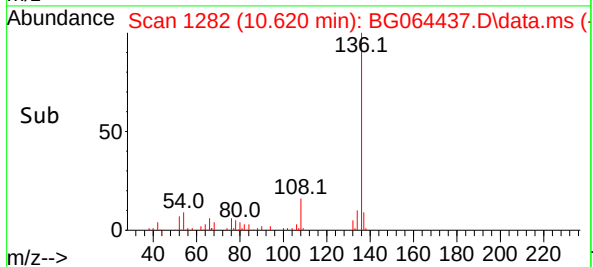
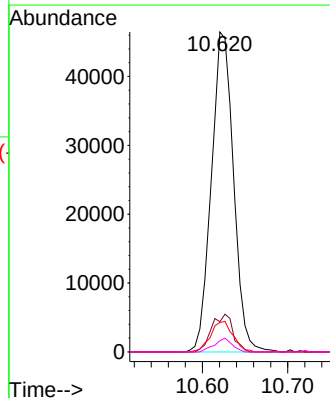
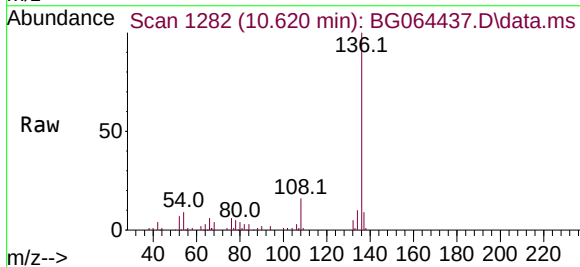
Instrument :
BNA_G
ClientSampleId :
COMP-1

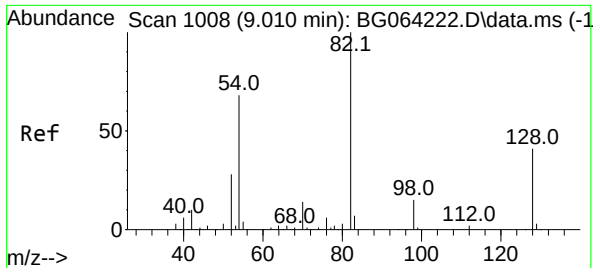
Tgt Ion: 99 Resp: 124040
Ion Ratio Lower Upper
99 100
42 30.9 25.8 38.8
71 52.7 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.620 min Scan# 1282
Delta R.T. -0.030 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Tgt Ion: 136 Resp: 83888
Ion Ratio Lower Upper
136 100
137 9.4 9.6 14.4#
54 9.2 8.8 13.2
68 3.5 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 57.063 ng

RT: 8.987 min Scan# 1004

Delta R.T. -0.029 min

Lab File: BG064437.D

Acq: 23 Sep 2025 13:18

Instrument :

BNA_G

ClientSampleId :

COMP-1

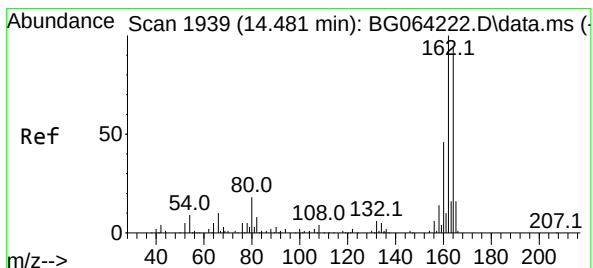
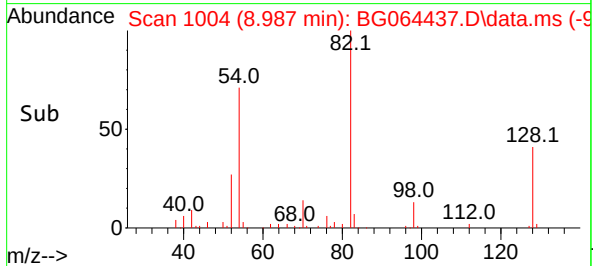
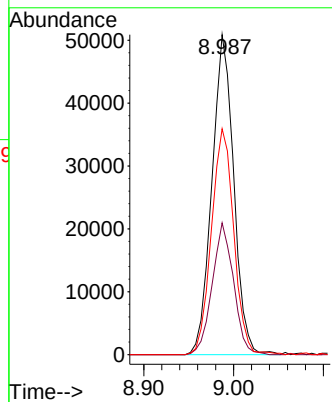
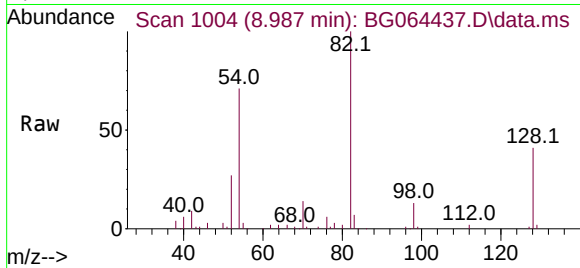
Tgt Ion: 82 Resp: 85833

Ion Ratio Lower Upper

82 100

128 41.2 32.6 48.8

54 70.6 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1936

Delta R.T. -0.018 min

Lab File: BG064437.D

Acq: 23 Sep 2025 13:18

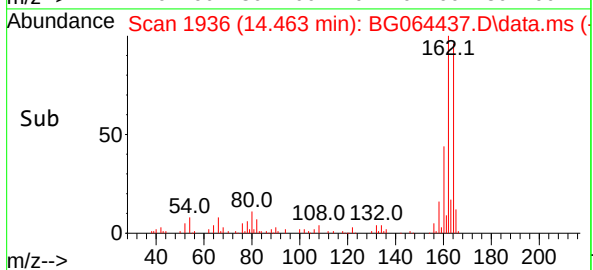
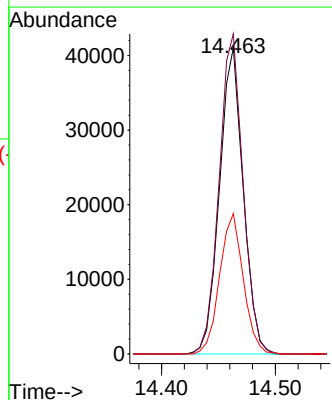
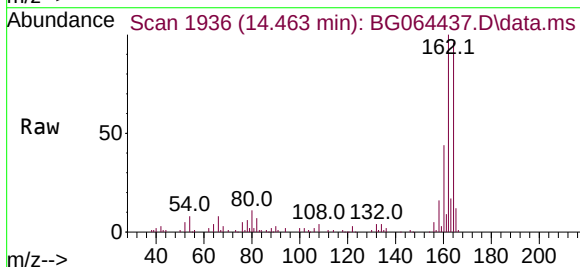
Tgt Ion: 164 Resp: 59255

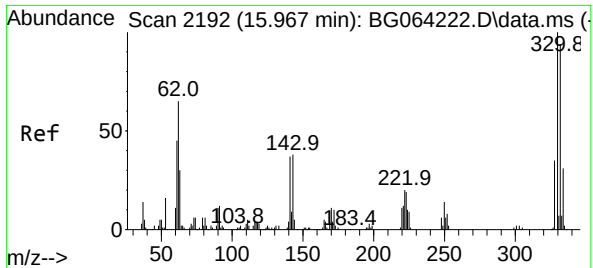
Ion Ratio Lower Upper

164 100

162 104.5 85.4 128.0

160 45.8 39.2 58.8





#42

2,4,6-Tribromophenol

Concen: 104.986 ng

RT: 15.950 min Scan# 21

Delta R.T. -0.024 min

Lab File: BG064437.D

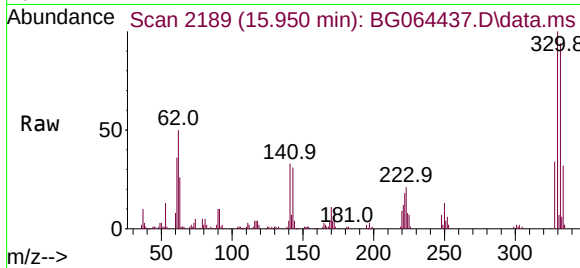
Acq: 23 Sep 2025 13:18

Instrument :

BNA_G

ClientSampleId :

COMP-1



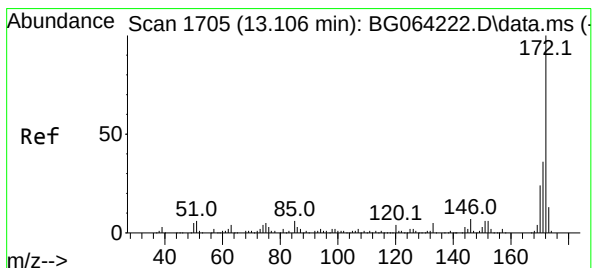
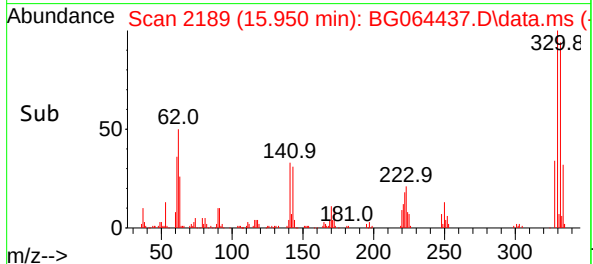
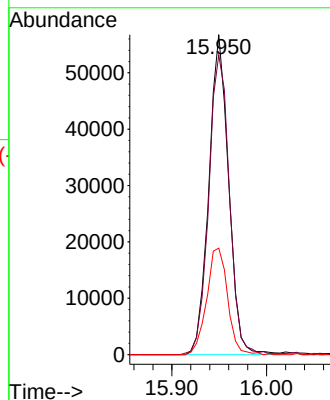
Tgt Ion:330 Resp: 82399

Ion Ratio Lower Upper

330 100

332 97.6 77.6 116.4

141 35.2 29.8 44.6



#45

2-Fluorobiphenyl

Concen: 53.608 ng

RT: 13.082 min Scan# 1701

Delta R.T. -0.029 min

Lab File: BG064437.D

Acq: 23 Sep 2025 13:18

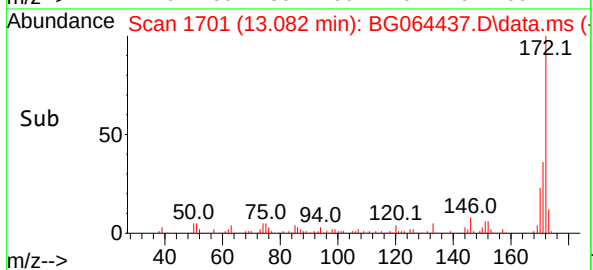
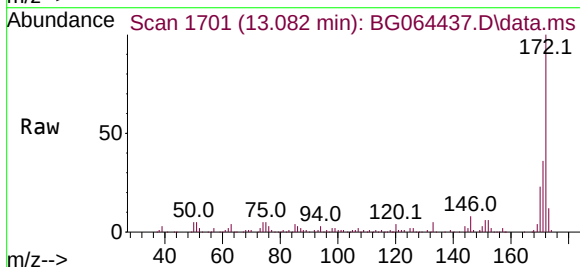
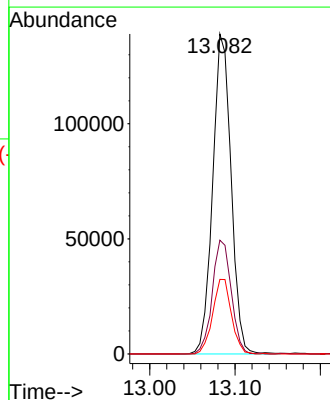
Tgt Ion:172 Resp: 208112

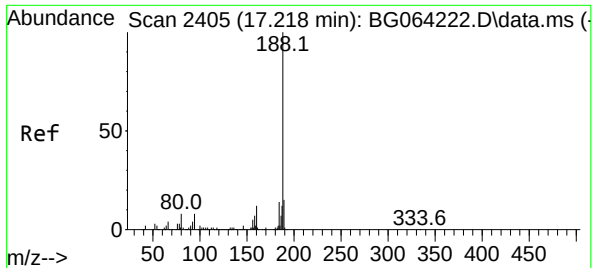
Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.3 19.0 28.6

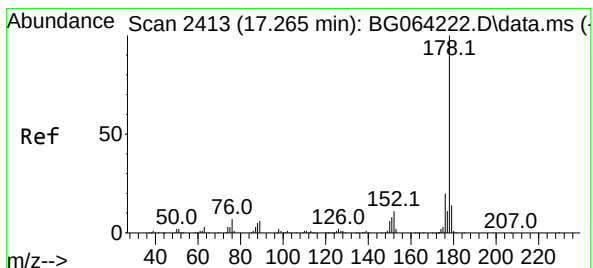
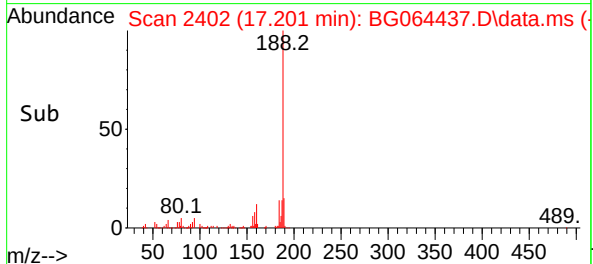
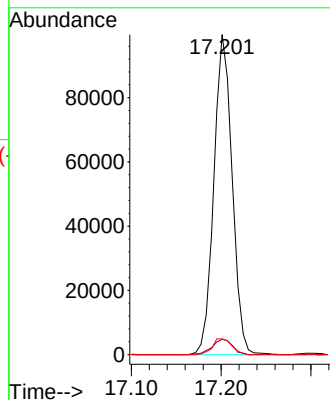
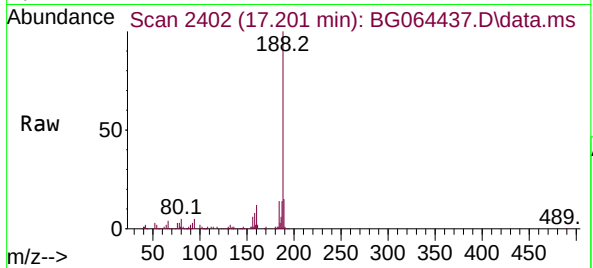




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.024 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

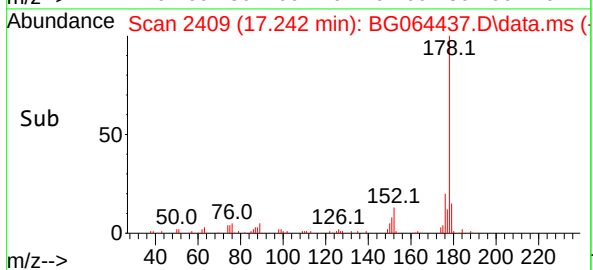
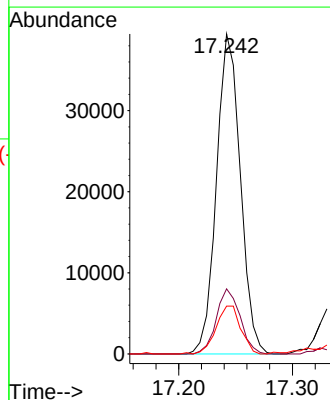
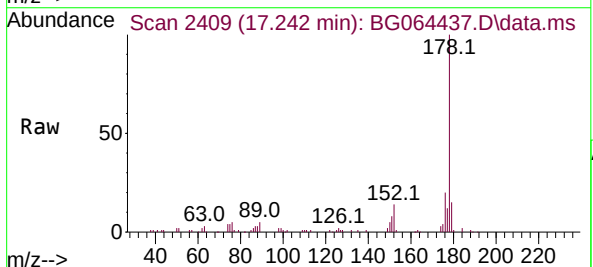
Instrument :
BNA_G
ClientSampleId :
COMP-1

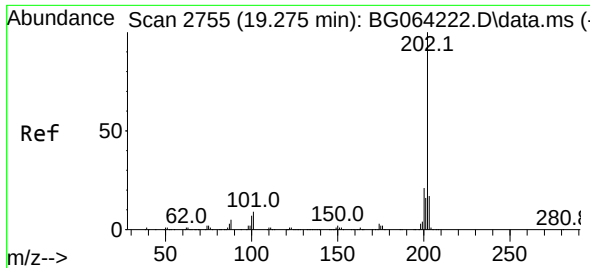
Tgt Ion:188 Resp: 141083
Ion Ratio Lower Upper
188 100
94 4.8 6.2 9.4#
80 4.9 6.8 10.2#



#71
Phenanthrene
Concen: 7.717 ng
RT: 17.242 min Scan# 2409
Delta R.T. -0.024 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Tgt Ion:178 Resp: 57420
Ion Ratio Lower Upper
178 100
176 20.3 15.9 23.9
179 14.9 11.4 17.2

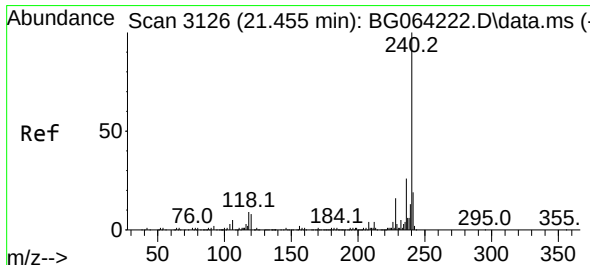
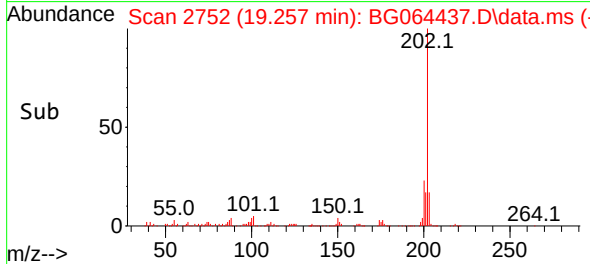
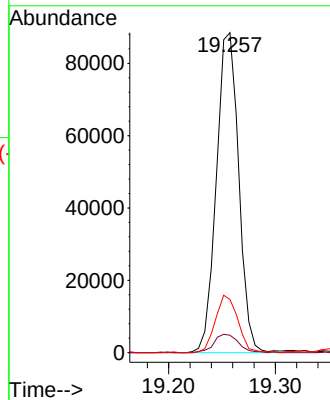
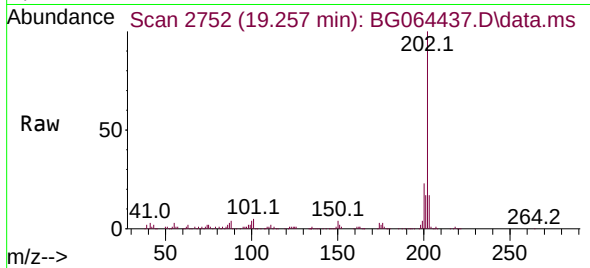




#75
Fluoranthene
Concen: 14.754 ng
RT: 19.257 min Scan# 2752
Delta R.T. -0.018 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

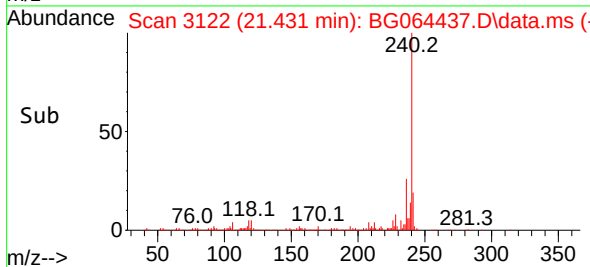
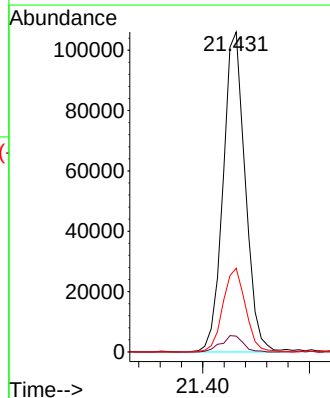
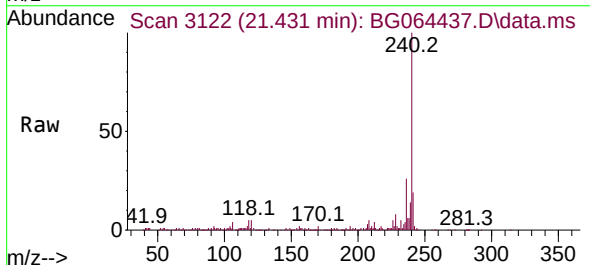
Instrument :
BNA_G
ClientSampleId :
COMP-1

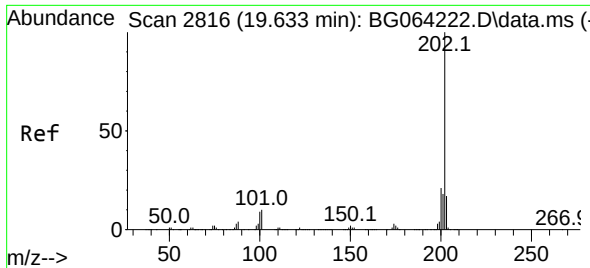
Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.4	0.0	28.7
203	16.6	0.0	36.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.431 min Scan# 3122
Delta R.T. -0.024 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.9	6.2	9.4#
236	26.1	20.5	30.7

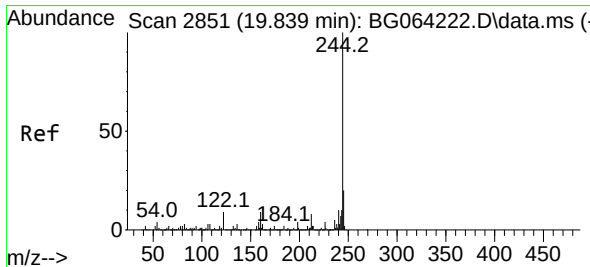
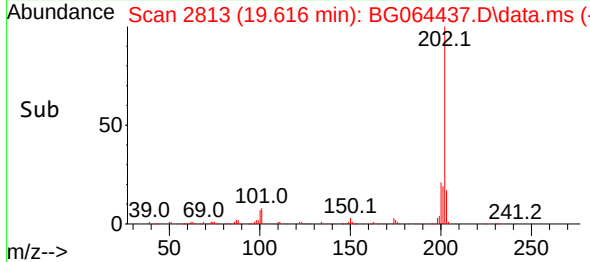
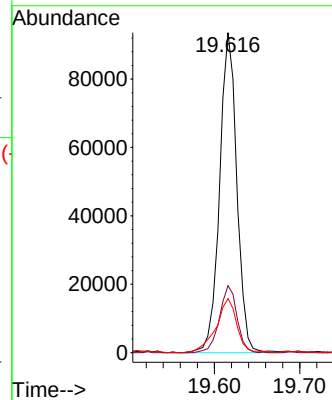
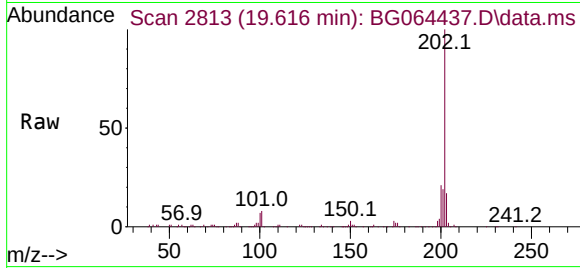




#78
Pyrene
Concen: 13.669 ng
RT: 19.616 min Scan# 2816
Delta R.T. -0.024 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

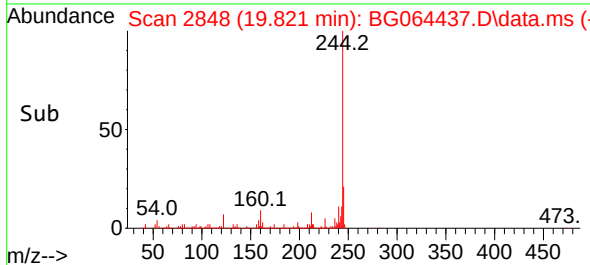
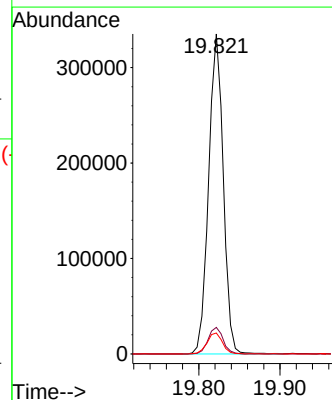
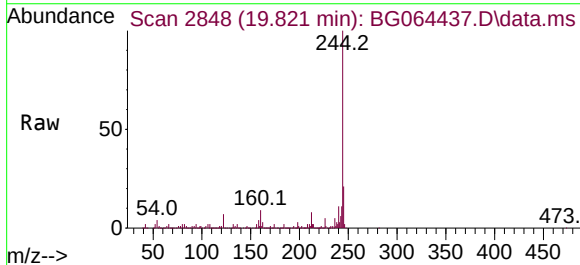
Instrument :
BNA_G
ClientSampleId :
COMP-1

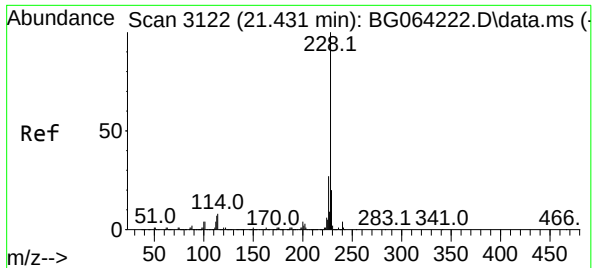
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	16.9	13.8	20.8



#79
Terphenyl-d14
Concen: 57.480 ng
RT: 19.821 min Scan# 2848
Delta R.T. -0.024 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	10.0
122	6.5	7.0	10.6

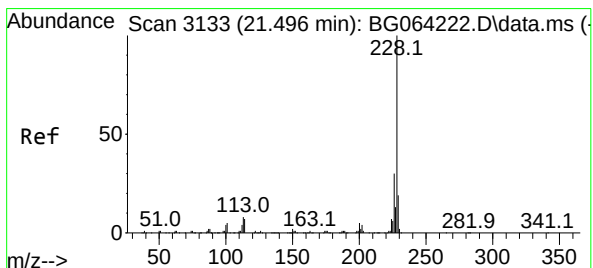
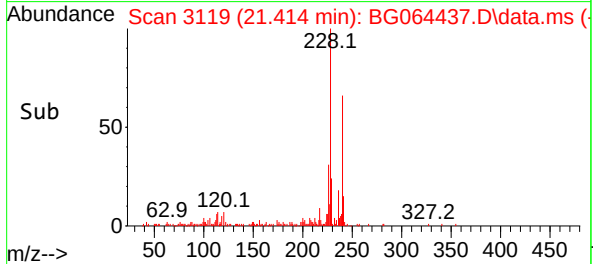
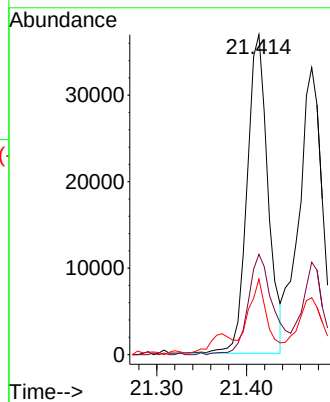
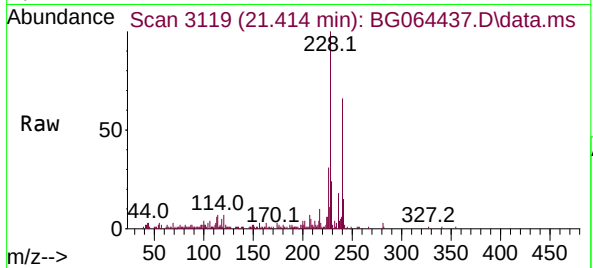




#81
Benzo(a)anthracene
Concen: 6.122 ng
RT: 21.414 min Scan# 3122
Delta R.T. -0.024 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

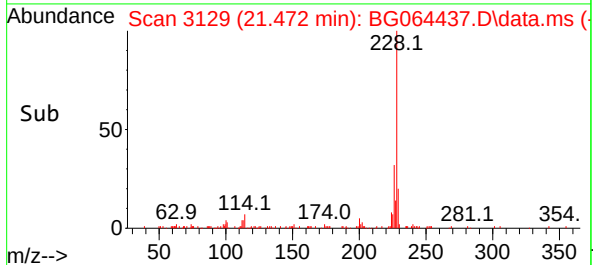
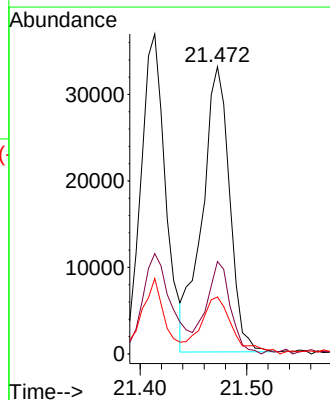
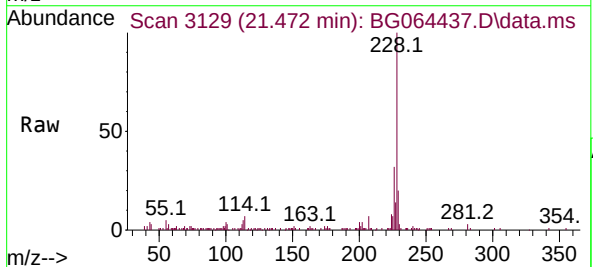
Instrument :
BNA_G
ClientSampleId :
COMP-1

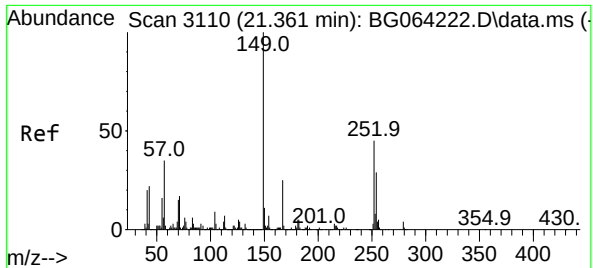
Tgt Ion:228 Resp: 59739
Ion Ratio Lower Upper
228 100
226 31.3 21.7 32.5
229 23.6 15.9 23.9



#83
Chrysene
Concen: 6.310 ng
RT: 21.472 min Scan# 3129
Delta R.T. -0.030 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Tgt Ion:228 Resp: 59110
Ion Ratio Lower Upper
228 100
226 32.2 24.2 36.2
229 19.8 15.4 23.2

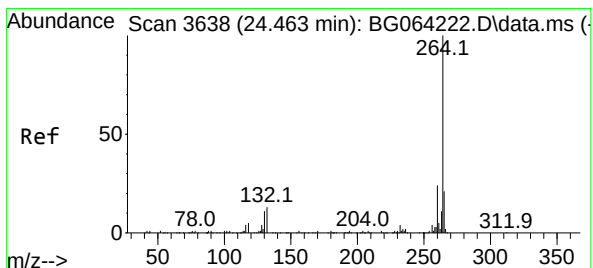
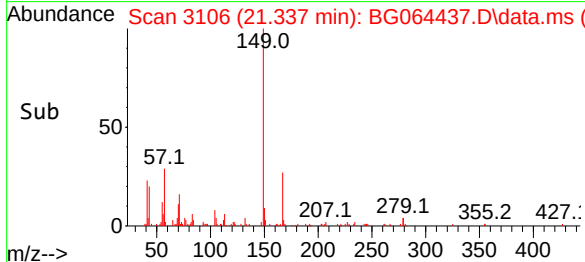
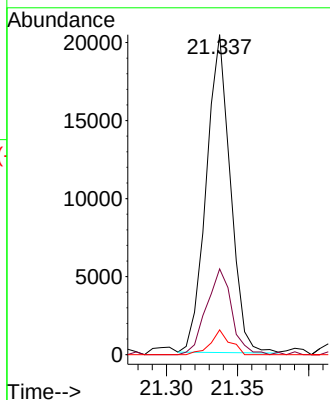
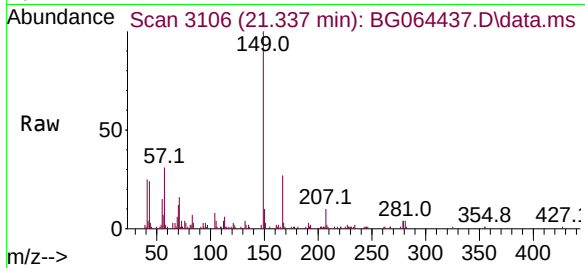




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.414 ng
RT: 21.337 min Scan# 3110
Delta R.T. -0.029 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

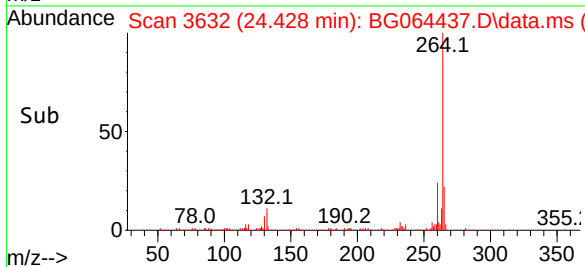
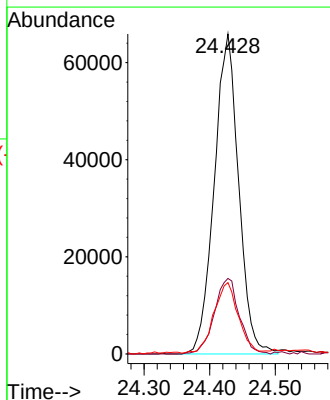
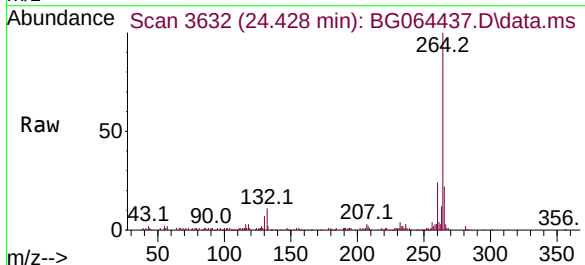
Instrument :
BNA_G
ClientSampleId :
COMP-1

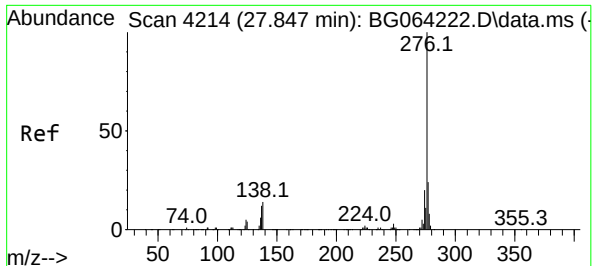
Tgt Ion:149 Resp: 24018
Ion Ratio Lower Upper
149 100
167 26.8 20.0 30.0
279 7.7 3.0 4.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.428 min Scan# 3632
Delta R.T. -0.035 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Tgt Ion:264 Resp: 170295
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 22.3 16.7 25.1

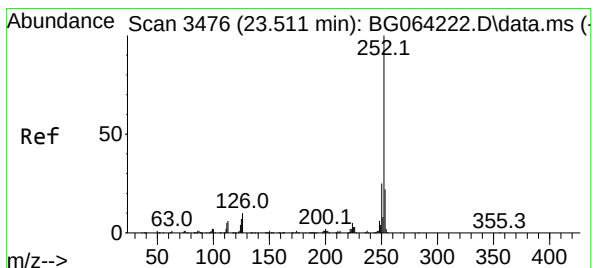
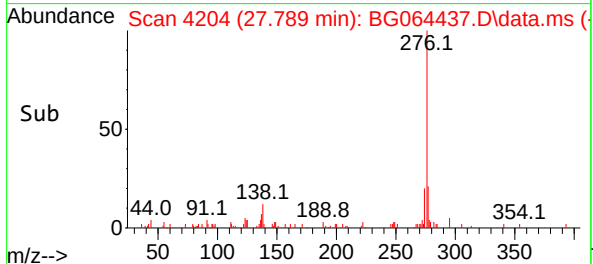
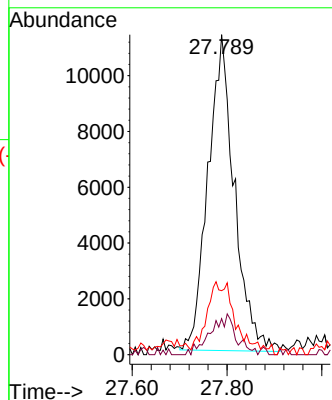
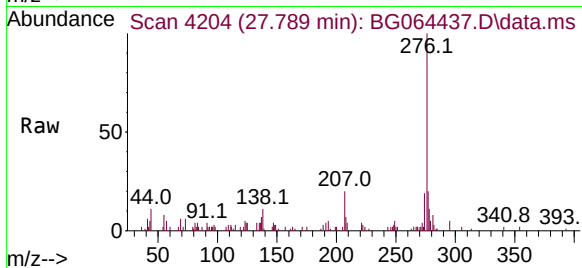




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.756 ng
 RT: 27.789 min Scan# 41
 Delta R.T. -0.082 min
 Lab File: BG064437.D
 Acq: 23 Sep 2025 13:18

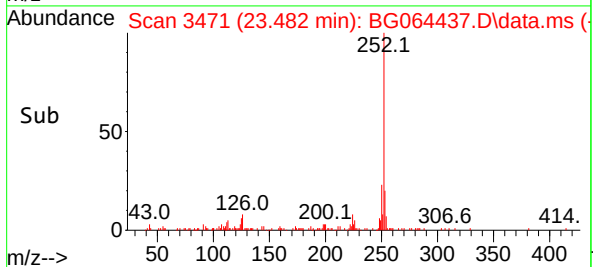
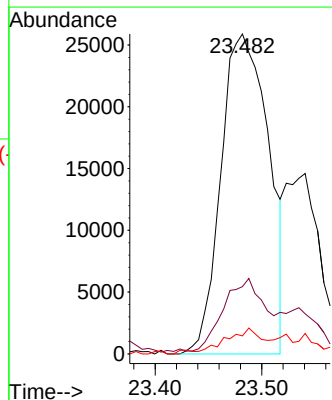
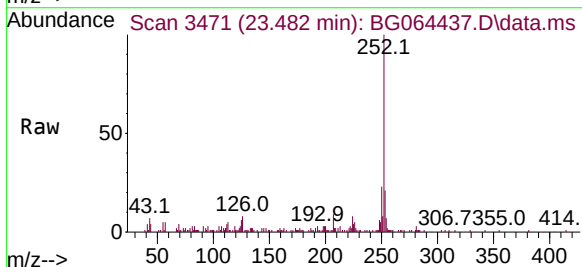
Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

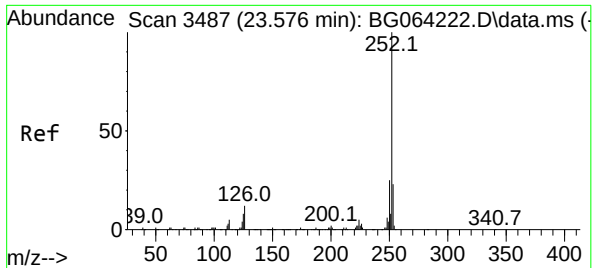
Tgt Ion:276 Resp: 43681
 Ion Ratio Lower Upper
 276 100
 138 10.9 7.4 11.0
 277 0.0 20.5 30.7#



#88
 Benzo(b)fluoranthene
 Concen: 8.374 ng
 RT: 23.482 min Scan# 3471
 Delta R.T. -0.035 min
 Lab File: BG064437.D
 Acq: 23 Sep 2025 13:18

Tgt Ion:252 Resp: 80480
 Ion Ratio Lower Upper
 252 100
 253 21.0 17.5 26.3
 125 5.6 5.9 8.9#

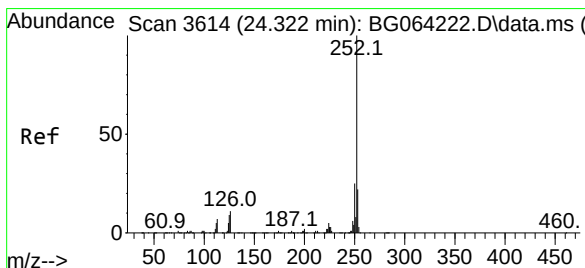
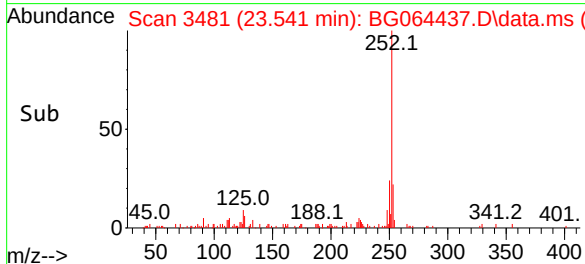
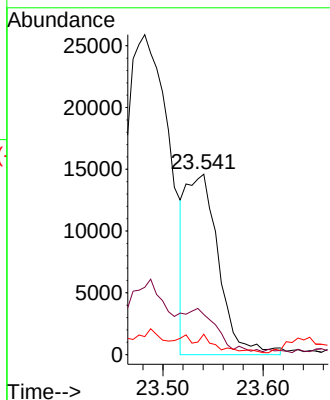
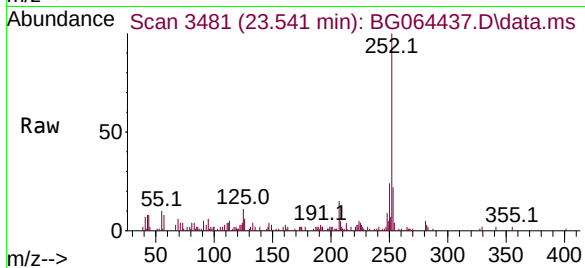




#89
Benzo(k)fluoranthene
Concen: 3.415 ng m
RT: 23.541 min Scan# 3487
Delta R.T. -0.047 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

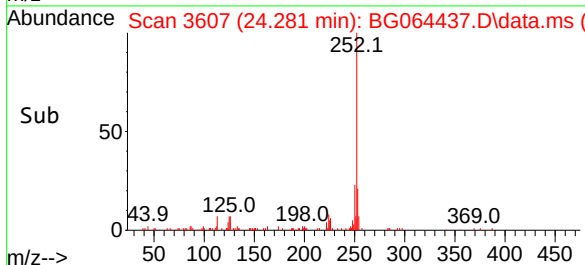
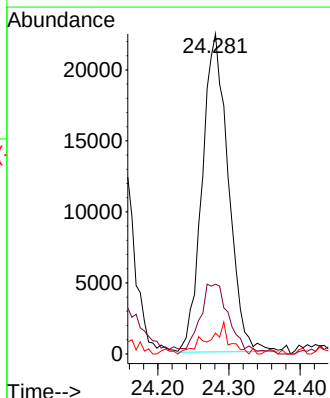
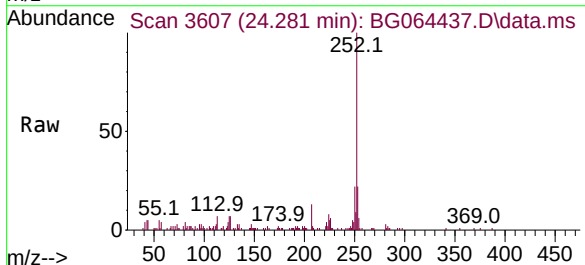
Instrument :
BNA_G
ClientSampleId :
COMP-1

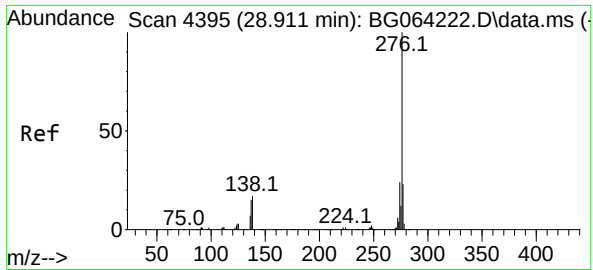
Tgt Ion:252 Resp: 33443
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 11.4 7.0 10.4#



#90
Benzo(a)pyrene
Concen: 6.409 ng
RT: 24.281 min Scan# 3607
Delta R.T. -0.047 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Tgt Ion:252 Resp: 57298
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 6.5 7.0 10.6#





#92

Benzo(g,h,i)perylene

Concen: 4.970 ng

RT: 28.829 min Scan# 43

Delta R.T. -0.106 min

Lab File: BG064437.D

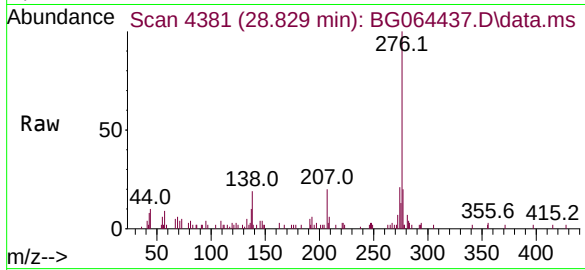
Acq: 23 Sep 2025 13:18

Instrument :

BNA_G

ClientSampleId :

COMP-1



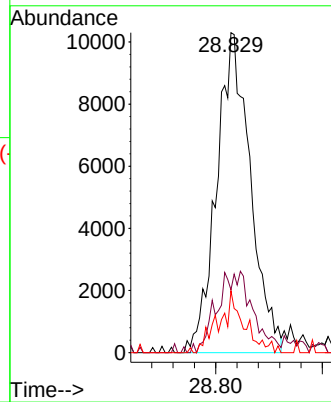
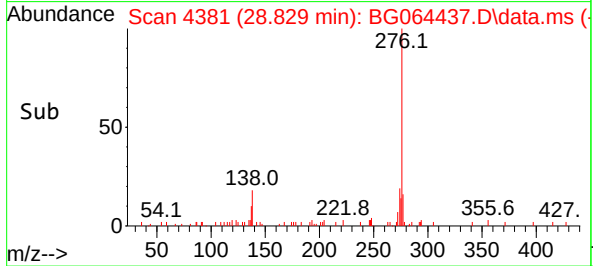
Tgt Ion:276 Resp: 45161

Ion Ratio Lower Upper

276 100

277 19.6 18.2 27.4

138 19.3 13.3 19.9



Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-2	SDG No.:	Q3155
Lab Sample ID:	Q3155-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064438.D	1	09/22/25 09:30	09/23/25 13:59	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	24.9	U	24.9	190	ug/Kg
86-73-7	Fluorene	27.7	U	27.7	190	ug/Kg
85-01-8	Phenanthrene	530		22.9	190	ug/Kg
120-12-7	Anthracene	110	J	36.5	190	ug/Kg
129-00-0	Pyrene	550		39.5	190	ug/Kg
56-55-3	Benzo(a)anthracene	340		25.2	190	ug/Kg
218-01-9	Chrysene	320		21.8	190	ug/Kg
205-99-2	Benzo(b)fluoranthene	390		20.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	320		32.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	J	31.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200		28.2	190	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	67.5		18 - 107	67%	SPK: 100
321-60-8	2-Fluorobiphenyl	63.1		20 - 109	63%	SPK: 100
1718-51-0	Terphenyl-d14	66.7		10 - 105	67%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	22500	7.842			
1146-65-2	Naphthalene-d8	95200	10.621			
15067-26-2	Acenaphthene-d10	68500	14.463			
1517-22-2	Phenanthrene-d10	153000	17.201			
1719-03-5	Chrysene-d12	166000	21.432			
1520-96-3	Perylene-d12	182000	24.422			

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-2	SDG No.:	Q3155
Lab Sample ID:	Q3155-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064438.D	1	09/22/25 09:30	09/23/25 13:59	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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_G\Data\BG092325\
 Data File : BG064438.D
 Acq On : 23 Sep 2025 13:59
 Operator : RC/JU
 Sample : Q3155-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Quant Time: Sep 23 14:36:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

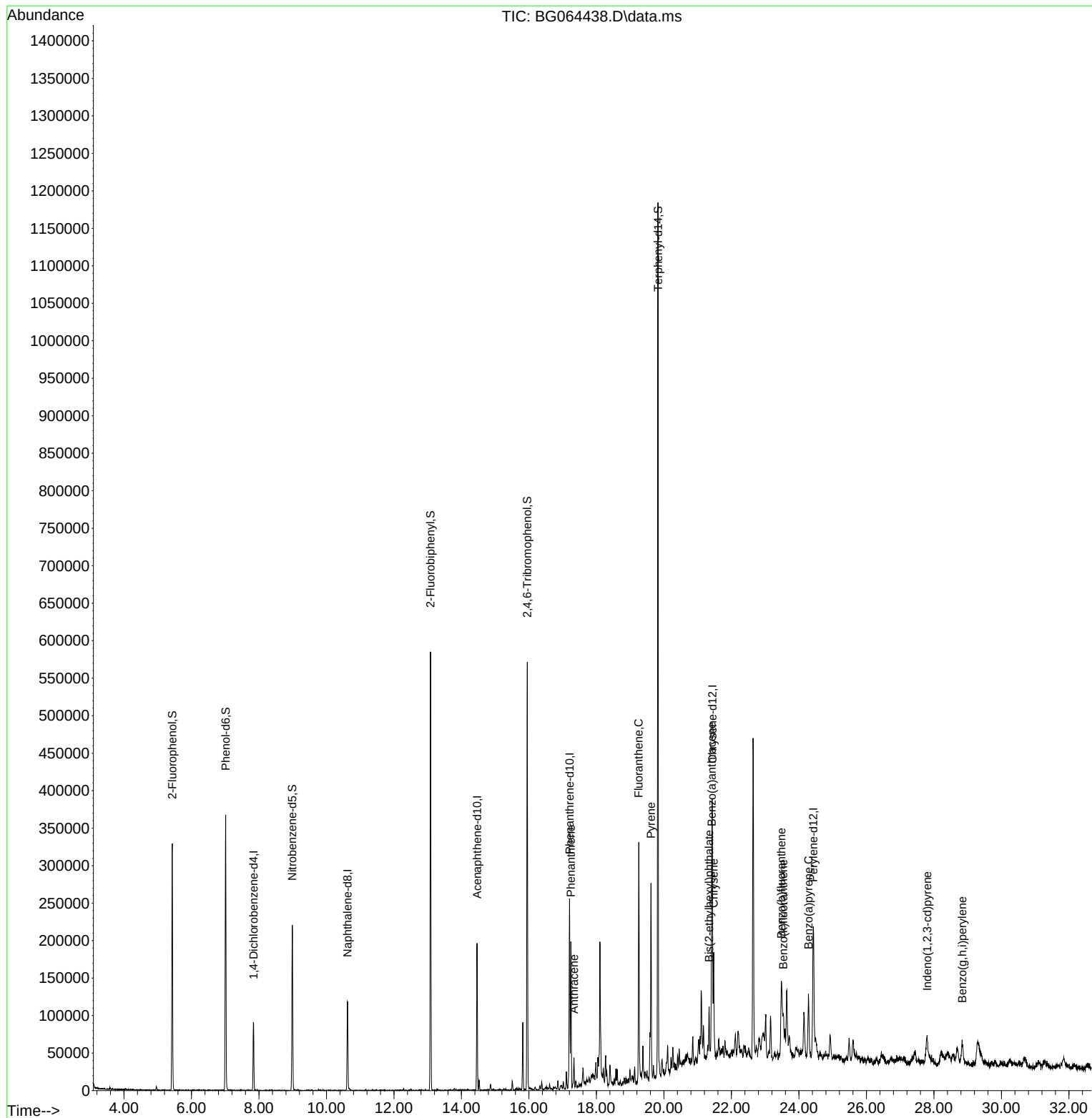
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	22529	20.000	ng	-0.02
21) Naphthalene-d8	10.621	136	95164	20.000	ng	#-0.03
39) Acenaphthene-d10	14.463	164	68543	20.000	ng	-0.02
64) Phenanthrene-d10	17.201	188	152982	20.000	ng	#-0.02
76) Chrysene-d12	21.432	240	165680	20.000	ng	#-0.02
86) Perylene-d12	24.422	264	182154	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.433	112	120183	95.708	ng	-0.01
7) Phenol-d6	7.013	99	159400	92.397	ng	-0.02
23) Nitrobenzene-d5	8.987	82	115178	67.499	ng	-0.03
42) 2,4,6-Tribromophenol	15.950	330	104767	115.397	ng	-0.02
45) 2-Fluorobiphenyl	13.082	172	283264	63.079	ng	-0.03
79) Terphenyl-d14	19.822	244	529910	66.730	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	17.242	178	116132	14.393	ng	98
72) Anthracene	17.336	178	25022	3.049	ng	97
75) Fluoranthene	19.252	202	186285	19.635	ng	97
78) Pyrene	19.616	202	158198	15.156	ng	96
81) Benzo(a)anthracene	21.414	228	99007	9.341	ng	97
83) Chrysene	21.473	228	90450	8.889	ng	95
84) Bis(2-ethylhexyl)phtha...	21.337	149	24165	4.088	ng	92
87) Indeno(1,2,3-cd)pyrene	27.795	276	56820	4.568	ng	# 97
88) Benzo(b)fluoranthene	23.476	252	110608	10.759	ng	# 94
89) Benzo(k)fluoranthene	23.535	252	48261m	4.608	ng	
90) Benzo(a)pyrene	24.281	252	82598	8.637	ng	93
92) Benzo(g,h,i)perylene	28.840	276	53436	5.498	ng	# 94

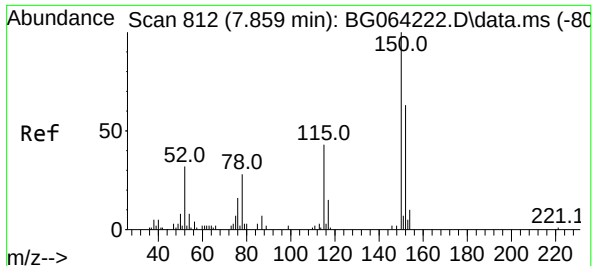
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
Data File : BG064438.D
Acq On : 23 Sep 2025 13:59
Operator : RC/JU
Sample : Q3155-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-2

Quant Time: Sep 23 14:36:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

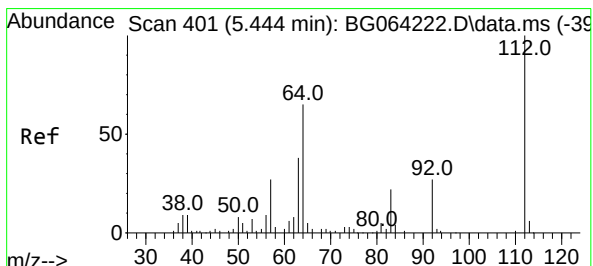
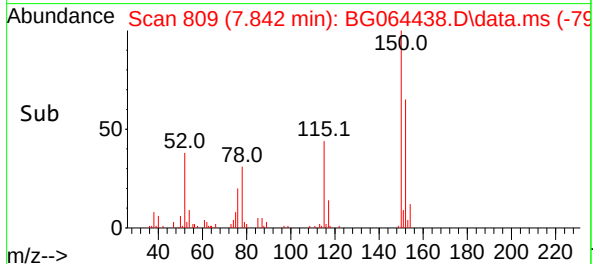
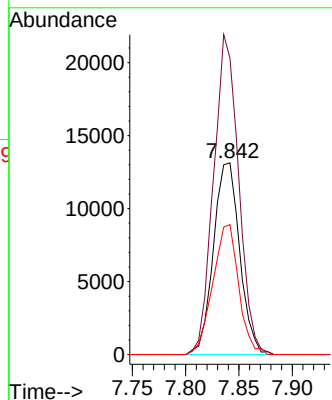
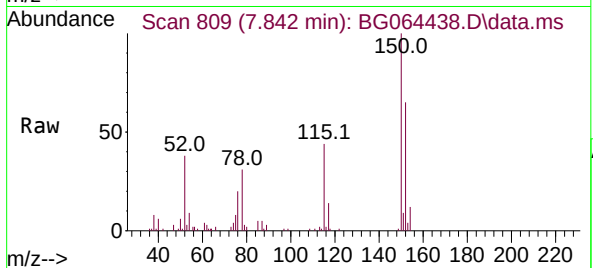




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.842 min Scan# 809
Delta R.T. -0.017 min
Lab File: BG064438.D
Acq: 23 Sep 2025 13:59

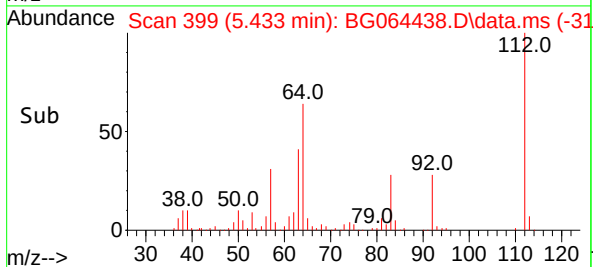
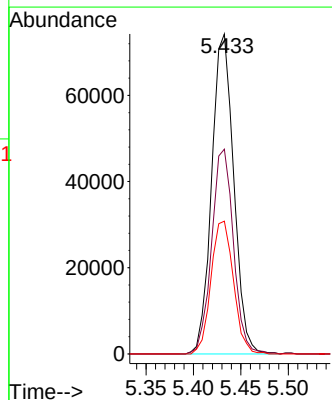
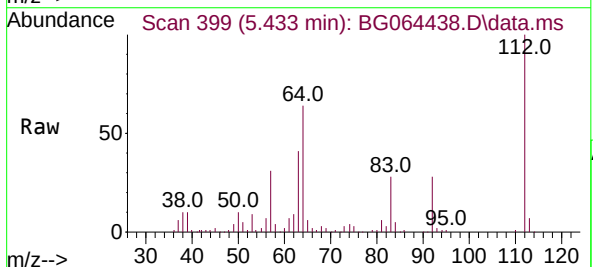
Instrument :
BNA_G
ClientSampleId :
COMP-2

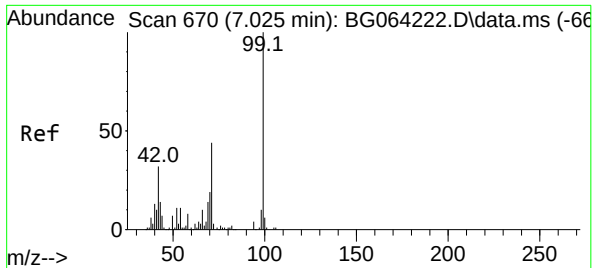
Tgt Ion:152 Resp: 22529
Ion Ratio Lower Upper
152 100
150 154.6 128.0 192.0
115 67.8 55.7 83.5



#5
2-Fluorophenol
Concen: 95.708 ng
RT: 5.433 min Scan# 399
Delta R.T. -0.012 min
Lab File: BG064438.D
Acq: 23 Sep 2025 13:59

Tgt Ion:112 Resp: 120183
Ion Ratio Lower Upper
112 100
64 64.0 51.8 77.6
63 41.5 30.6 45.8

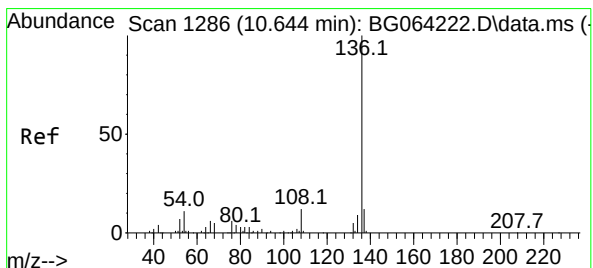
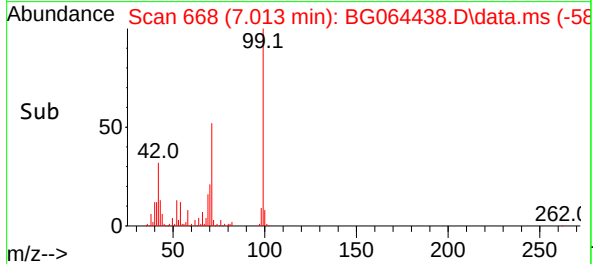
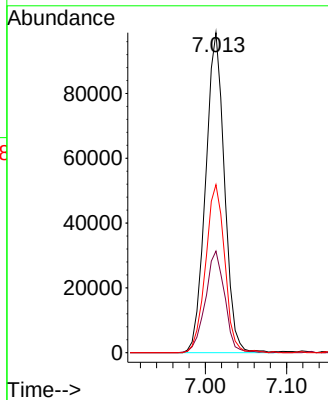
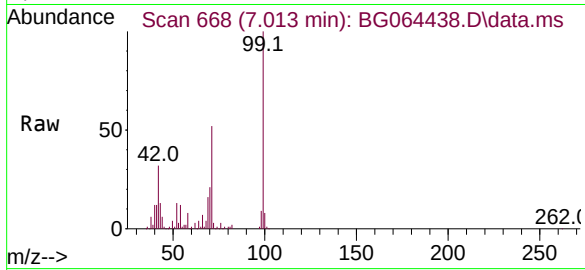




#7
Phenol-d6
Concen: 92.397 ng
RT: 7.013 min Scan# 60
Delta R.T. -0.018 min
Lab File: BG064438.D
Acq: 23 Sep 2025 13:59

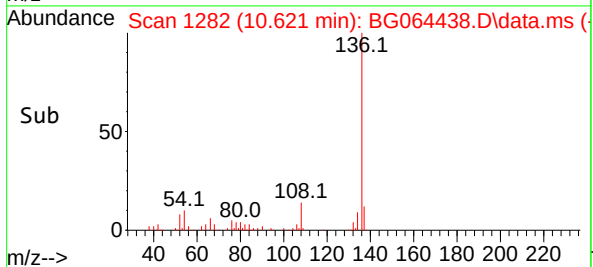
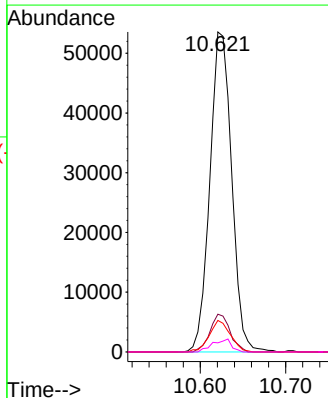
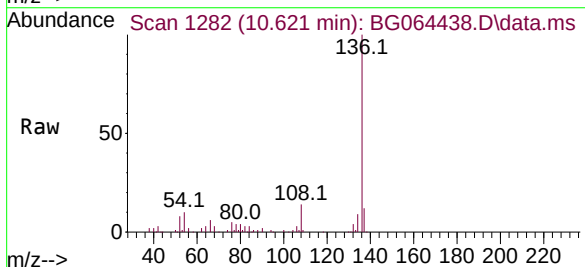
Instrument :
BNA_G
ClientSampleId :
COMP-2

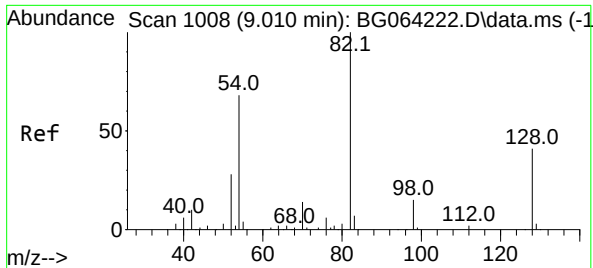
Tgt Ion	Ratio	Lower	Upper
99	100		
42	31.7	25.8	38.8
71	52.5	35.2	52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.621 min Scan# 1282
Delta R.T. -0.029 min
Lab File: BG064438.D
Acq: 23 Sep 2025 13:59

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	9.8	8.8	13.2
68	2.8	4.1	6.1





#23

Nitrobenzene-d5

Concen: 67.499 ng

RT: 8.987 min Scan# 1004

Delta R.T. -0.029 min

Lab File: BG064438.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_G

ClientSampleId :

COMP-2

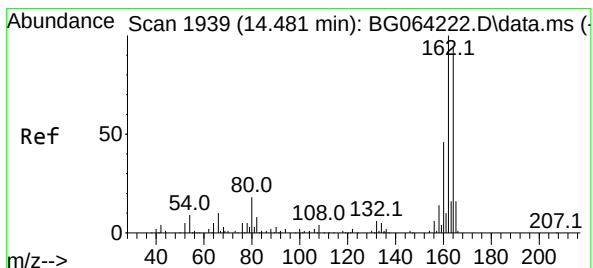
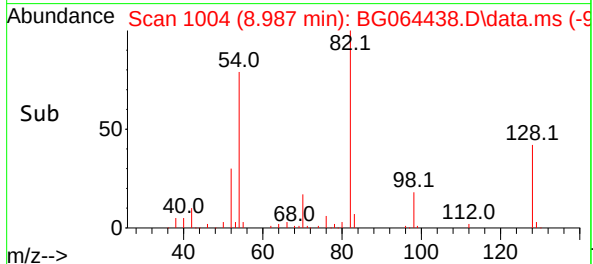
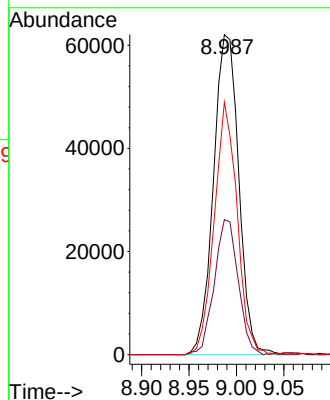
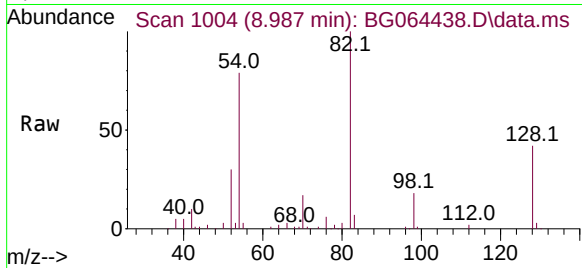
Tgt Ion: 82 Resp: 115178

Ion Ratio Lower Upper

82 100

128 42.2 32.6 48.8

54 78.9 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1936

Delta R.T. -0.018 min

Lab File: BG064438.D

Acq: 23 Sep 2025 13:59

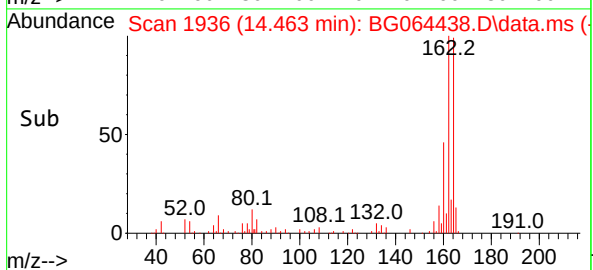
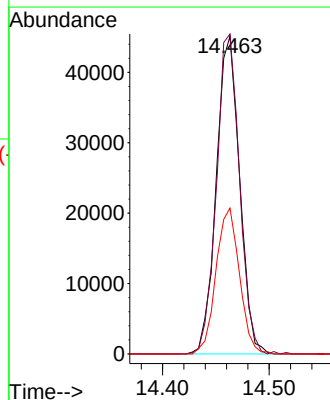
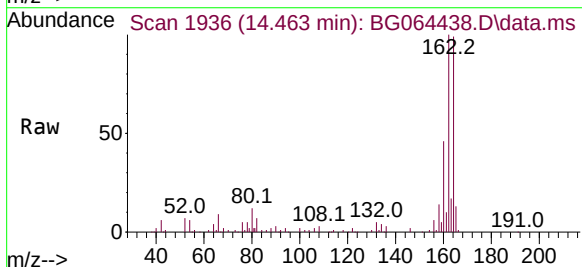
Tgt Ion: 164 Resp: 68543

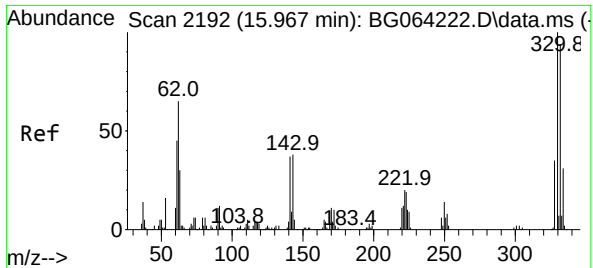
Ion Ratio Lower Upper

164 100

162 100.8 85.4 128.0

160 45.9 39.2 58.8





#42

2,4,6-Tribromophenol

Concen: 115.397 ng

RT: 15.950 min Scan# 21

Delta R.T. -0.023 min

Lab File: BG064438.D

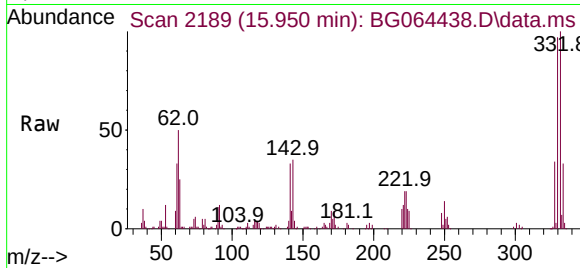
Acq: 23 Sep 2025 13:59

Instrument :

BNA_G

ClientSampleId :

COMP-2



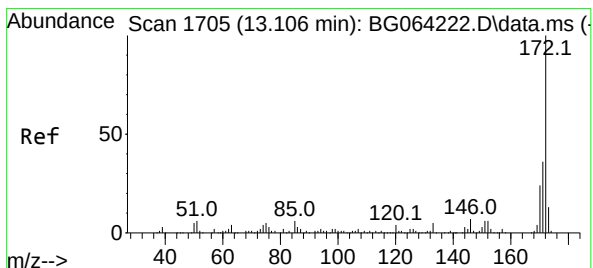
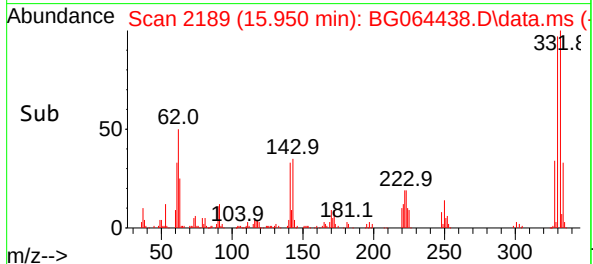
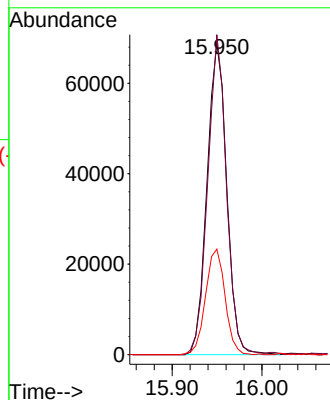
Tgt Ion:330 Resp: 104767

Ion Ratio Lower Upper

330 100

332 97.6 77.6 116.4

141 33.7 29.8 44.6



#45

2-Fluorobiphenyl

Concen: 63.079 ng

RT: 13.082 min Scan# 1701

Delta R.T. -0.029 min

Lab File: BG064438.D

Acq: 23 Sep 2025 13:59

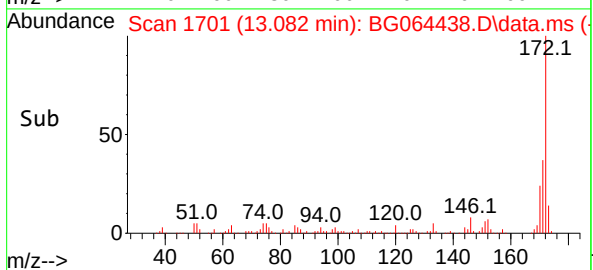
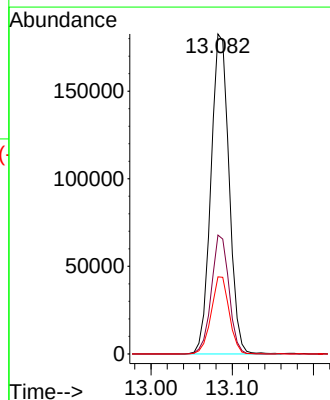
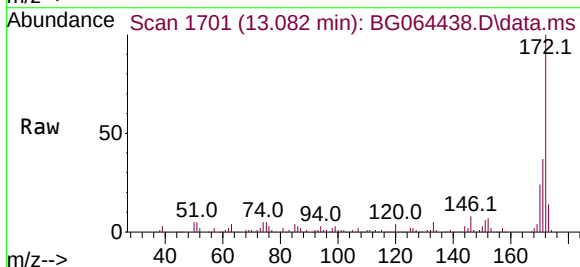
Tgt Ion:172 Resp: 283264

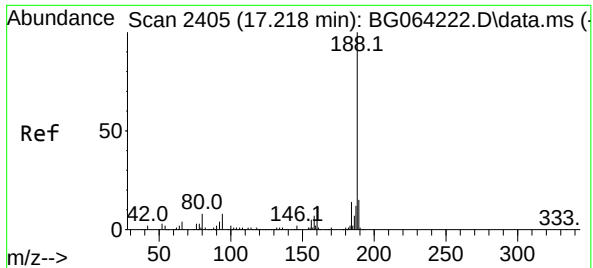
Ion Ratio Lower Upper

172 100

171 37.1 28.7 43.1

170 24.1 19.0 28.6

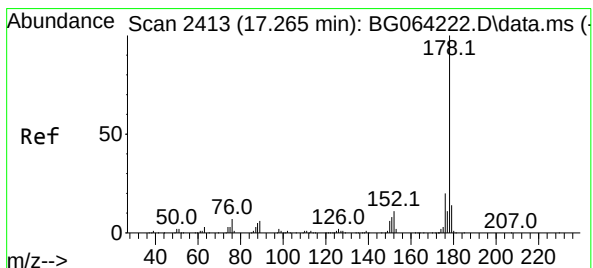
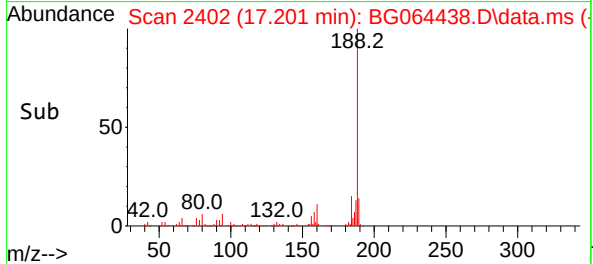
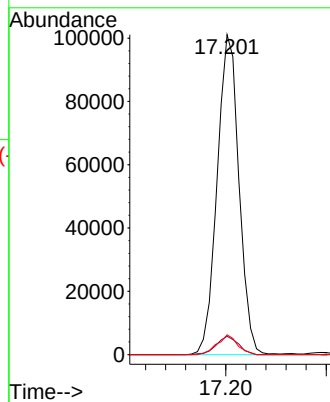
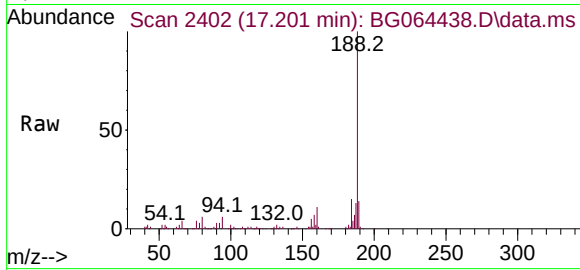




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2400
Delta R.T. -0.023 min
Lab File: BG064438.D
Acq: 23 Sep 2025 13:59

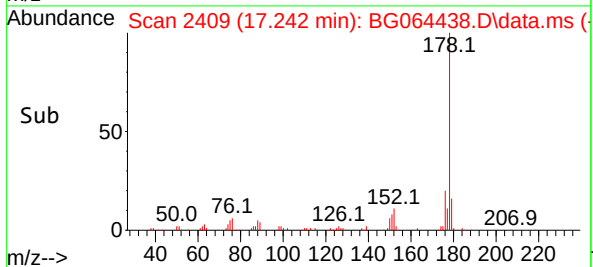
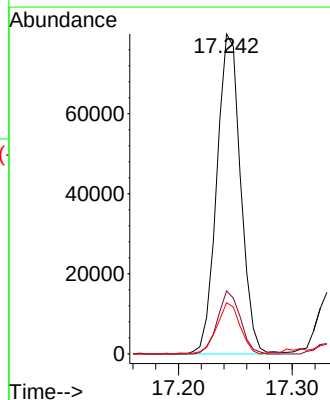
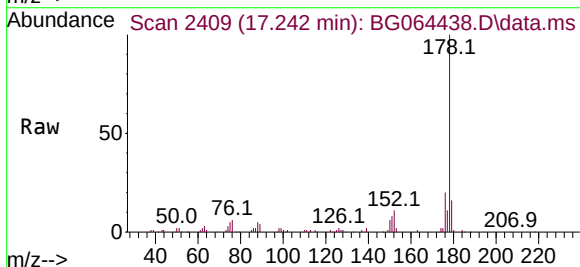
Instrument :
BNA_G
ClientSampleId :
COMP-2

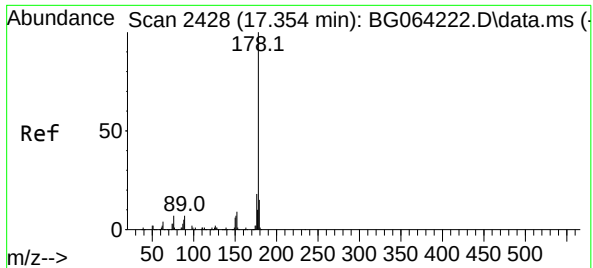
Tgt Ion:188 Resp: 152982
Ion Ratio Lower Upper
188 100
94 5.7 6.2 9.4#
80 6.2 6.8 10.2#



#71
Phenanthrene
Concen: 14.393 ng
RT: 17.242 min Scan# 2409
Delta R.T. -0.023 min
Lab File: BG064438.D
Acq: 23 Sep 2025 13:59

Tgt Ion:178 Resp: 116132
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 16.0 11.4 17.2

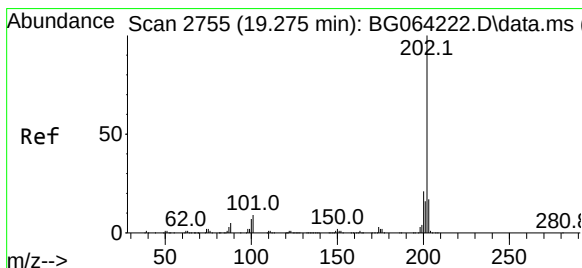
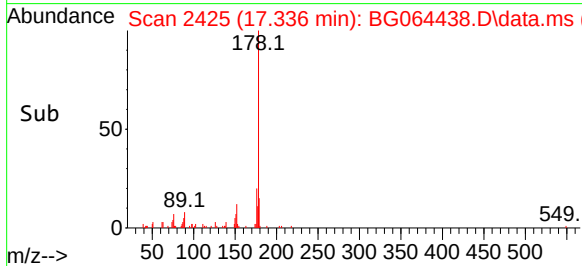
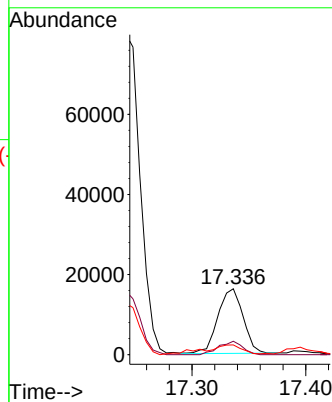
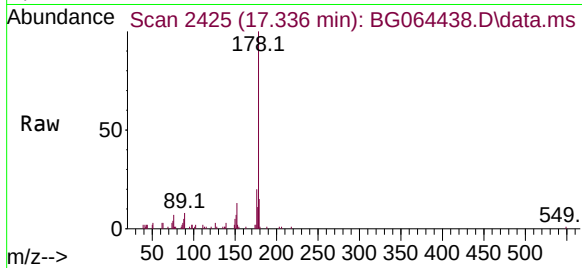




#72
Anthracene
Concen: 3.049 ng
RT: 17.336 min Scan# 2428
Delta R.T. -0.023 min
Lab File: BG064438.D
Acq: 23 Sep 2025 13:59

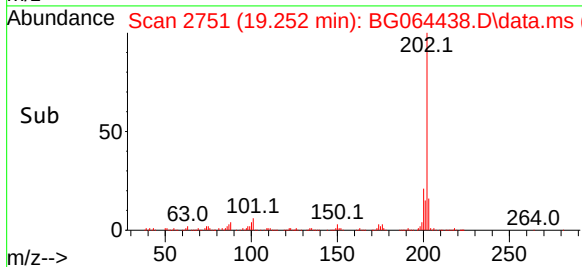
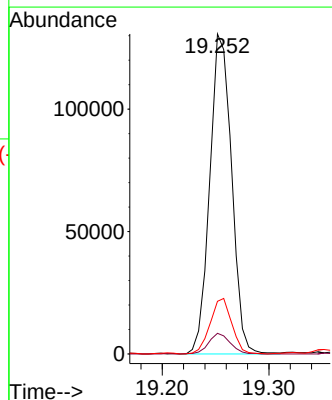
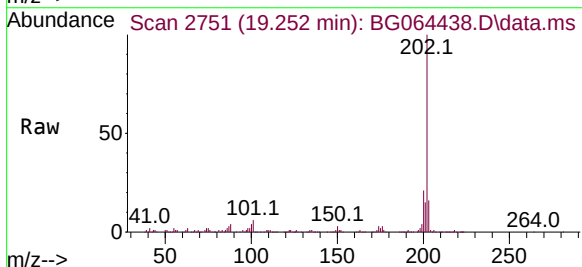
Instrument :
BNA_G
ClientSampleId :
COMP-2

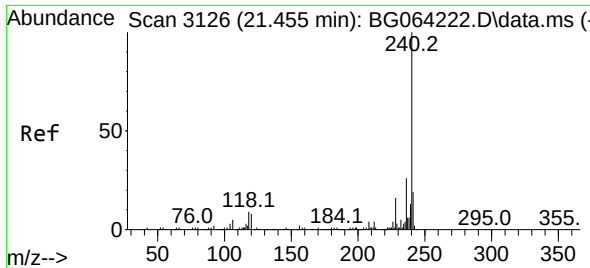
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	14.7	22.1
179	14.7	12.1	18.1



#75
Fluoranthene
Concen: 19.635 ng
RT: 19.252 min Scan# 2751
Delta R.T. -0.023 min
Lab File: BG064438.D
Acq: 23 Sep 2025 13:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	28.7
203	16.4	0.0	36.9

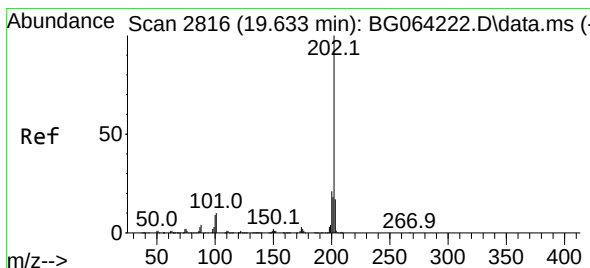
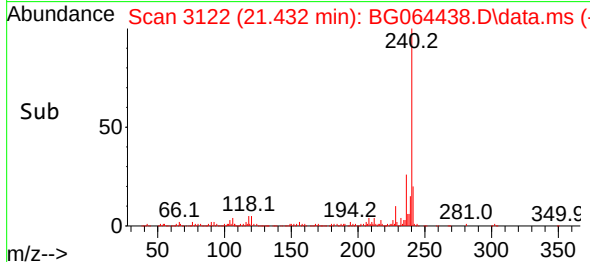
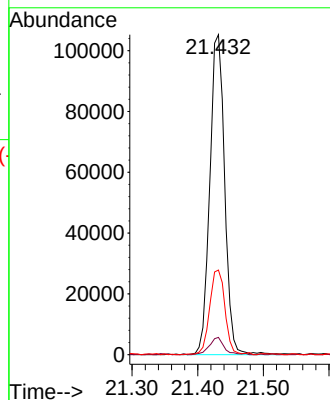
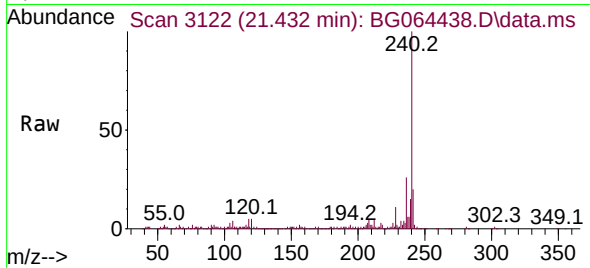




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.432 min Scan# 3122
Delta R.T. -0.023 min
Lab File: BG064438.D
Acq: 23 Sep 2025 13:59

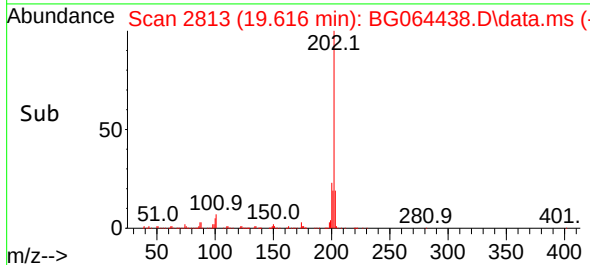
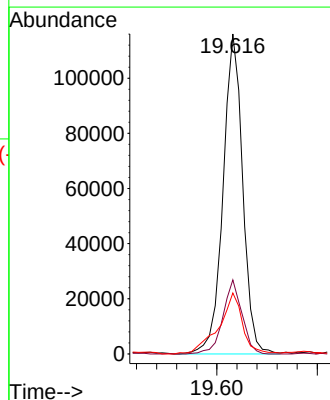
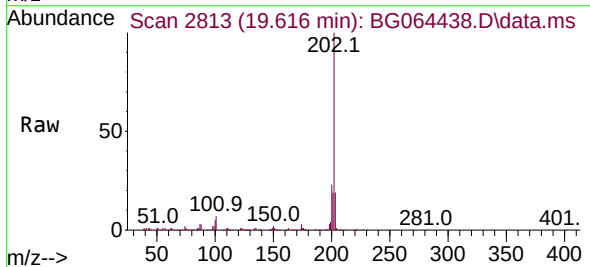
Instrument :
BNA_G
ClientSampleId :
COMP-2

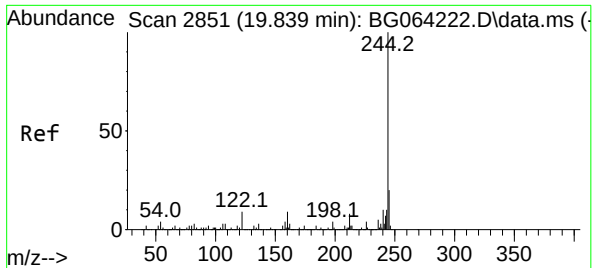
Tgt Ion:240 Resp: 165680
Ion Ratio Lower Upper
240 100
120 5.4 6.2 9.4#
236 26.4 20.5 30.7



#78
Pyrene
Concen: 15.156 ng
RT: 19.616 min Scan# 2813
Delta R.T. -0.023 min
Lab File: BG064438.D
Acq: 23 Sep 2025 13:59

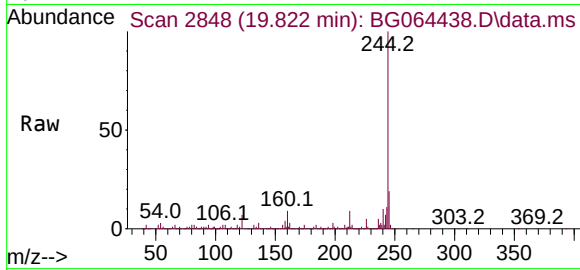
Tgt Ion:202 Resp: 158198
Ion Ratio Lower Upper
202 100
200 23.1 16.9 25.3
203 19.0 13.8 20.8



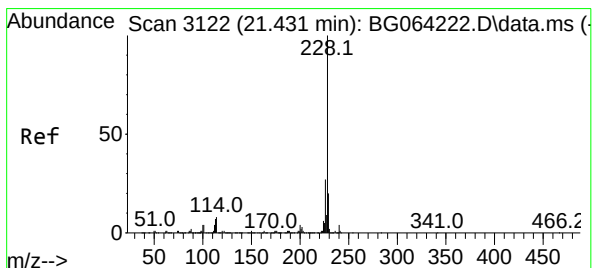
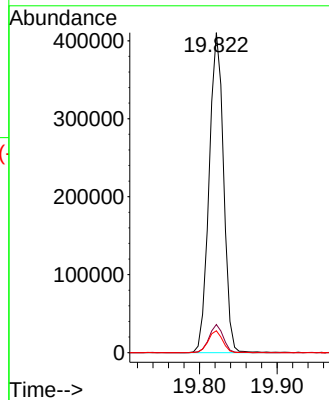
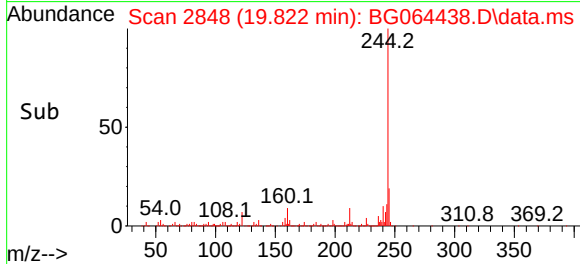


#79
 Terphenyl-d14
 Concen: 66.730 ng
 RT: 19.822 min Scan# 2848
 Delta R.T. -0.023 min
 Lab File: BG064438.D
 Acq: 23 Sep 2025 13:59

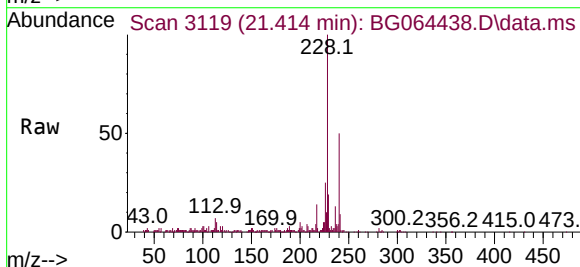
Instrument :
 BNA_G
 ClientSampleId :
 COMP-2



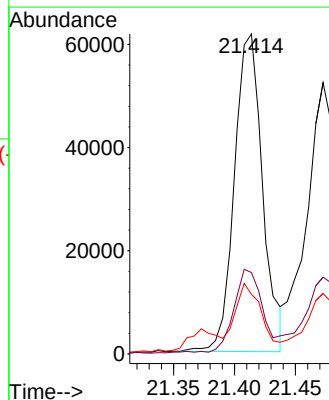
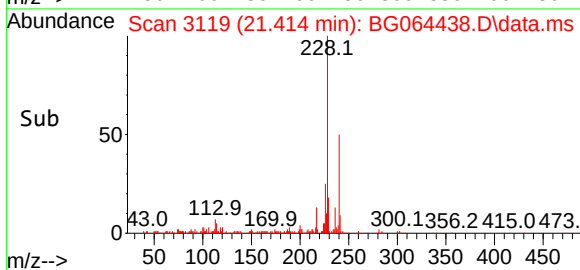
Tgt Ion:244 Resp: 529910
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.6 10.0
 122 6.8 7.0 10.6#

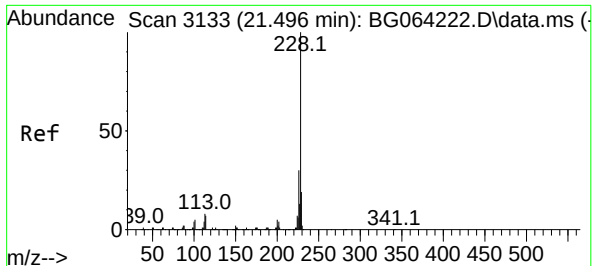


#81
 Benzo(a)anthracene
 Concen: 9.341 ng
 RT: 21.414 min Scan# 3119
 Delta R.T. -0.023 min
 Lab File: BG064438.D
 Acq: 23 Sep 2025 13:59



Tgt Ion:228 Resp: 99007
 Ion Ratio Lower Upper
 228 100
 226 25.4 21.7 32.5
 229 18.6 15.9 23.9

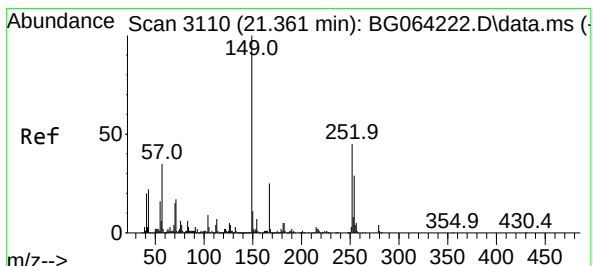
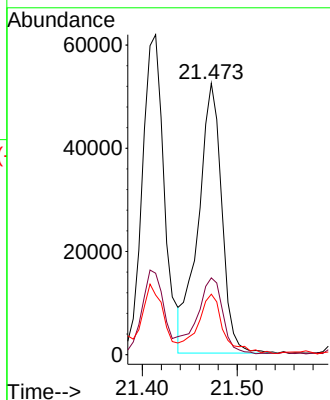
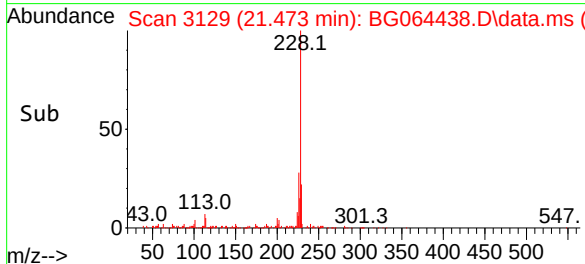
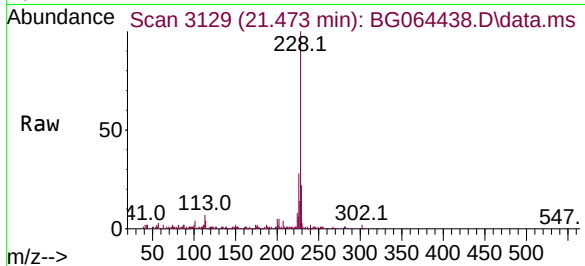




#83
Chrysene
Concen: 8.889 ng
RT: 21.473 min Scan# 31
Delta R.T. -0.029 min
Lab File: BG064438.D
Acq: 23 Sep 2025 13:59

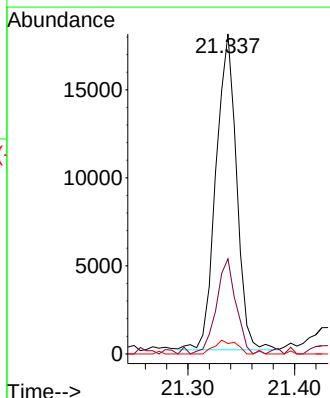
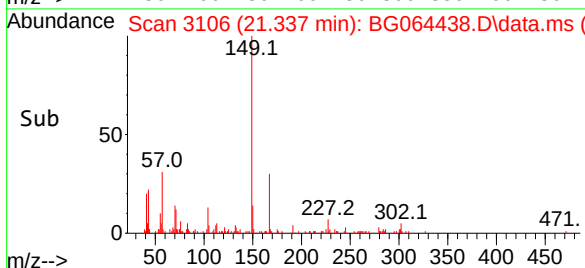
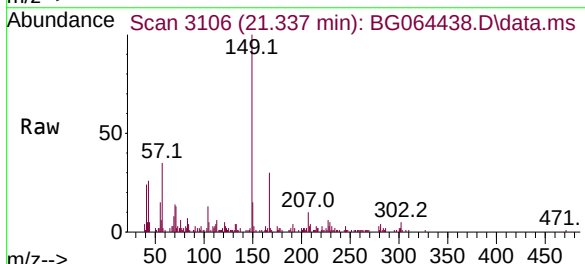
Instrument :
BNA_G
ClientSampleId :
COMP-2

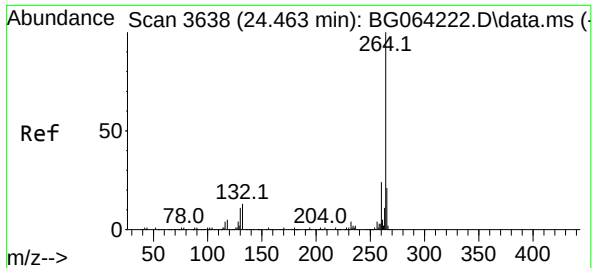
Tgt Ion	228	226	229
Resp:	90450		
Ratio	100	28.3	22.3
Lower		24.2	15.4
Upper		36.2	23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.088 ng
RT: 21.337 min Scan# 3106
Delta R.T. -0.029 min
Lab File: BG064438.D
Acq: 23 Sep 2025 13:59

Tgt Ion	149	167	279
Resp:	24165		
Ratio	100	29.7	3.2
Lower		20.0	3.0
Upper		30.0	4.4

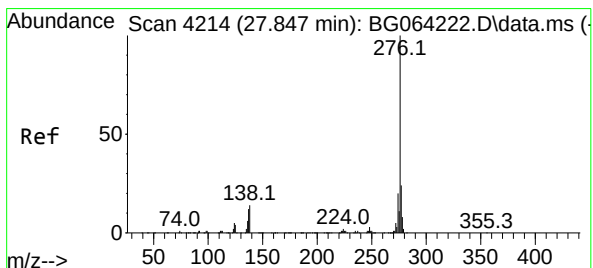
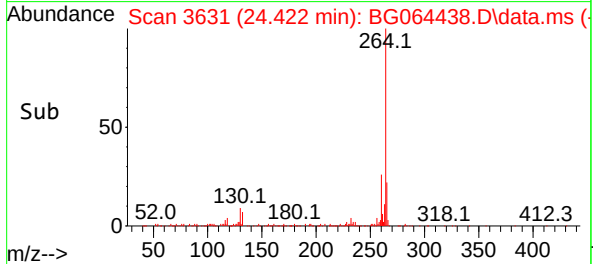
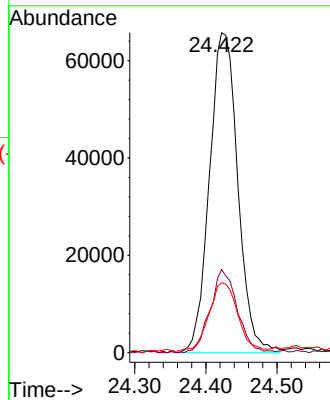
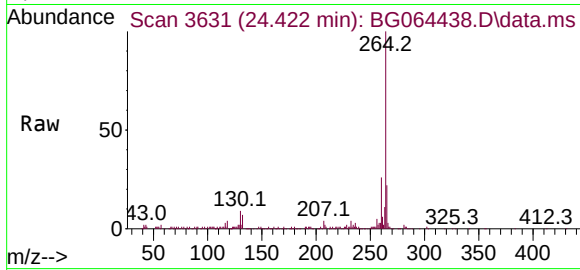




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.422 min Scan# 3638
 Delta R.T. -0.041 min
 Lab File: BG064438.D
 Acq: 23 Sep 2025 13:59

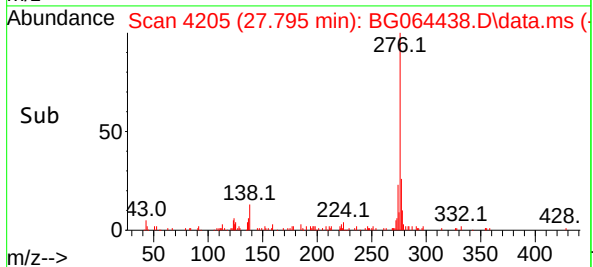
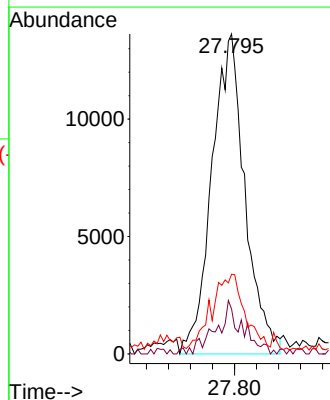
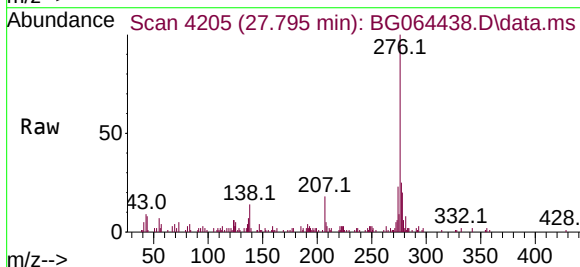
Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

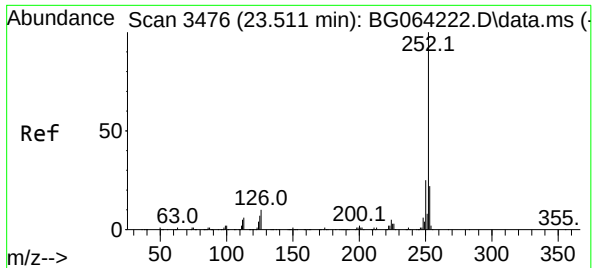
Tgt Ion:264 Resp: 182154
 Ion Ratio Lower Upper
 264 100
 260 26.0 18.9 28.3
 265 21.8 16.7 25.1



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.568 ng
 RT: 27.795 min Scan# 4205
 Delta R.T. -0.076 min
 Lab File: BG064438.D
 Acq: 23 Sep 2025 13:59

Tgt Ion:276 Resp: 56820
 Ion Ratio Lower Upper
 276 100
 138 6.4 7.4 11.0#
 277 24.8 20.5 30.7

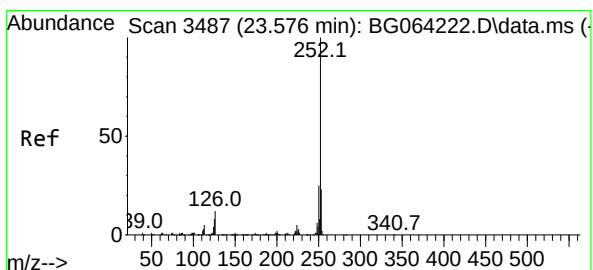
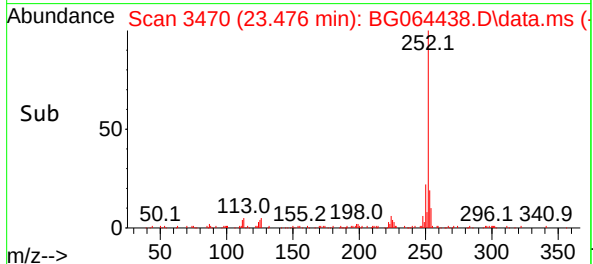
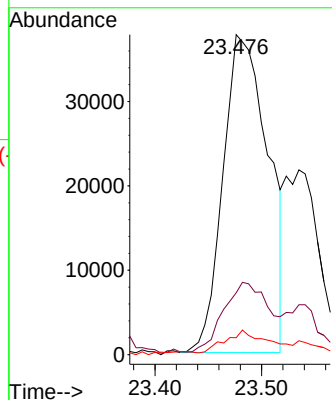
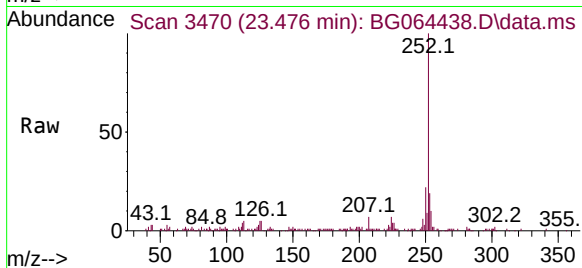




#88
Benzo(b)fluoranthene
Concen: 10.759 ng
RT: 23.476 min Scan# 3476
Delta R.T. -0.041 min
Lab File: BG064438.D
Acq: 23 Sep 2025 13:59

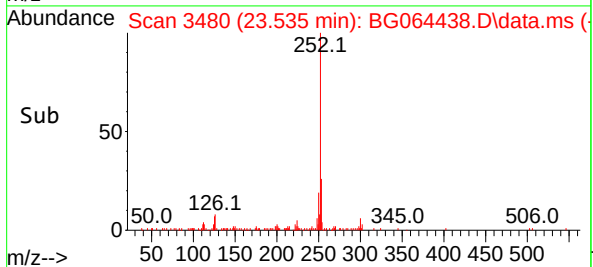
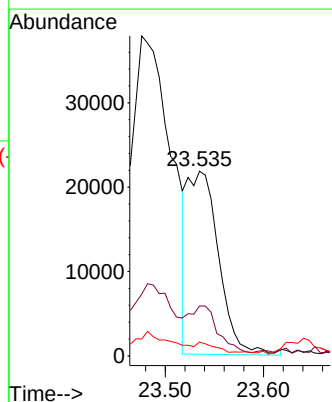
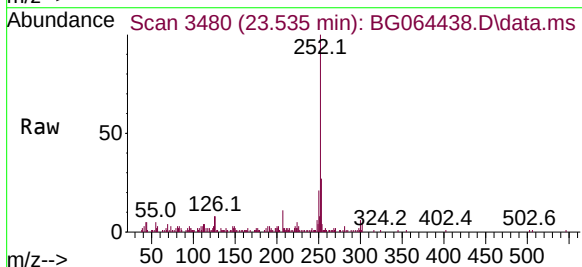
Instrument :
BNA_G
ClientSampleId :
COMP-2

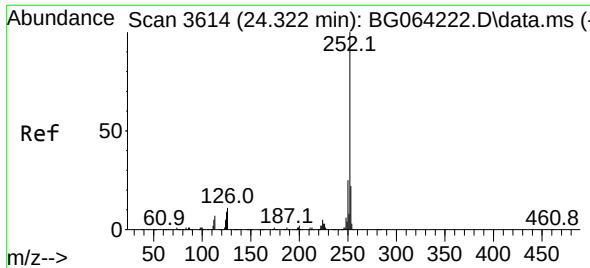
Tgt Ion:252 Resp: 110608
Ion Ratio Lower Upper
252 100
253 19.3 17.5 26.3
125 5.3 5.9 8.9#



#89
Benzo(k)fluoranthene
Concen: 4.608 ng m
RT: 23.535 min Scan# 3480
Delta R.T. -0.053 min
Lab File: BG064438.D
Acq: 23 Sep 2025 13:59

Tgt Ion:252 Resp: 48261
Ion Ratio Lower Upper
252 100
253 26.9 18.2 27.4
125 7.5 7.0 10.4

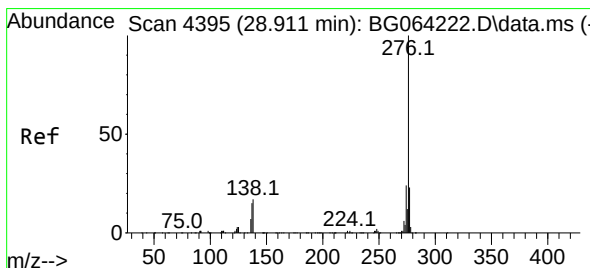
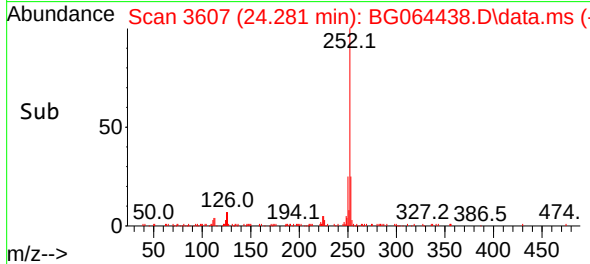
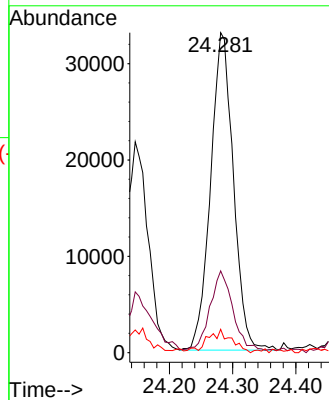
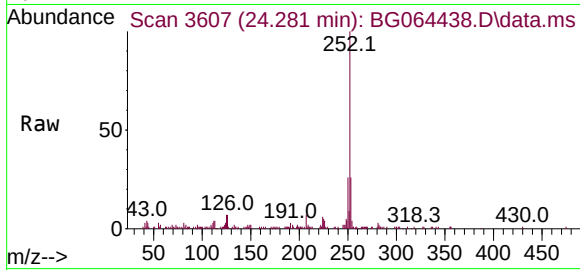




#90
Benzo(a)pyrene
Concen: 8.637 ng
RT: 24.281 min Scan# 30
Delta R.T. -0.047 min
Lab File: BG064438.D
Acq: 23 Sep 2025 13:59

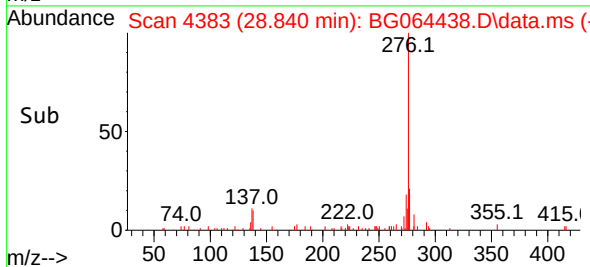
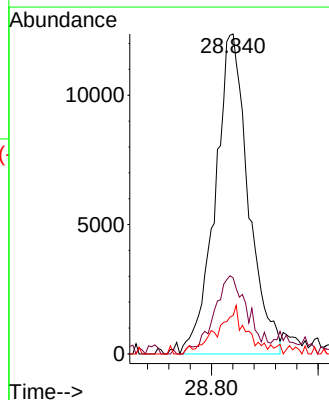
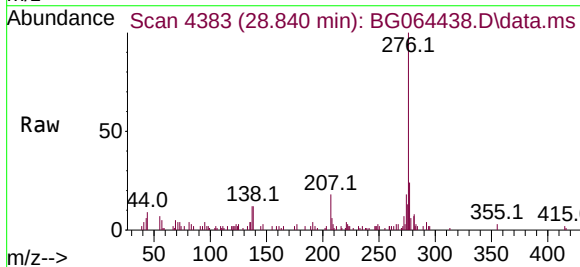
Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:	252	Resp:	82598
Ion Ratio	Lower	Upper	
252	100		
253	25.5	17.4	26.2
125	7.3	7.0	10.6



#92
Benzo(g,h,i)perylene
Concen: 5.498 ng
RT: 28.840 min Scan# 4383
Delta R.T. -0.094 min
Lab File: BG064438.D
Acq: 23 Sep 2025 13:59

Tgt Ion:	276	Resp:	53436
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.2	27.4
138	12.0	13.3	19.9



Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-3	SDG No.:	Q3155
Lab Sample ID:	Q3155-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064439.D	1	09/22/25 09:30	09/23/25 14:40	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	90.5	J	24.7	180	ug/Kg
86-73-7	Fluorene	160	J	27.5	180	ug/Kg
85-01-8	Phenanthrene	2100		22.7	180	ug/Kg
120-12-7	Anthracene	370		36.2	180	ug/Kg
129-00-0	Pyrene	1900		39.1	180	ug/Kg
56-55-3	Benzo(a)anthracene	1200		25.0	180	ug/Kg
218-01-9	Chrysene	1100		21.6	180	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		20.7	180	ug/Kg
50-32-8	Benzo(a)pyrene	1100		32.1	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	610		31.6	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	730		27.9	180	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	62.8		18 - 107	63%	SPK: 100
321-60-8	2-Fluorobiphenyl	61.3		20 - 109	61%	SPK: 100
1718-51-0	Terphenyl-d14	63.7		10 - 105	64%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	22500	7.837			
1146-65-2	Naphthalene-d8	93800	10.628			
15067-26-2	Acenaphthene-d10	66500	14.464			
1517-22-2	Phenanthrene-d10	149000	17.202			
1719-03-5	Chrysene-d12	165000	21.433			
1520-96-3	Perylene-d12	183000	24.435			

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-3	SDG No.:	Q3155
Lab Sample ID:	Q3155-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.8
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group1
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	1.0	GPC Cleanup : N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064439.D	1	09/22/25 09:30	09/23/25 14:40	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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_G\Data\BG092325\
 Data File : BG064439.D
 Acq On : 23 Sep 2025 14:40
 Operator : RC/JU
 Sample : Q3155-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

Quant Time: Sep 23 15:22:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

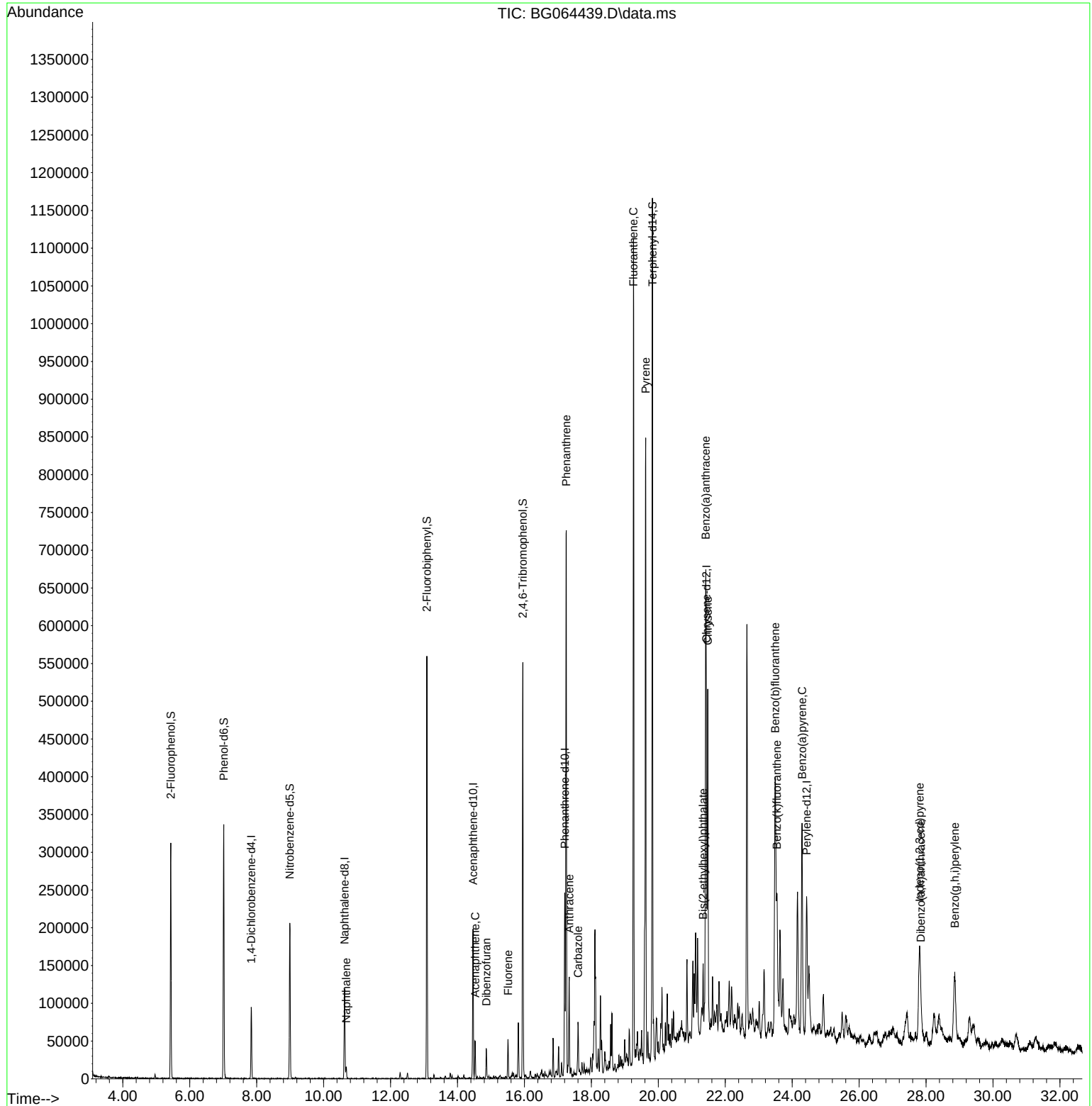
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.837	152	22469	20.000	ng	-0.02
21) Naphthalene-d8	10.628	136	93751	20.000	ng	#-0.02
39) Acenaphthene-d10	14.464	164	66454	20.000	ng	-0.02
64) Phenanthrene-d10	17.202	188	149111	20.000	ng	#-0.02
76) Chrysene-d12	21.433	240	164886	20.000	ng	#-0.02
86) Perylene-d12	24.435	264	182770	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	111264	88.842	ng	-0.01
7) Phenol-d6	7.014	99	151372	87.978	ng	-0.02
23) Nitrobenzene-d5	8.988	82	105583	62.809	ng	-0.03
42) 2,4,6-Tribromophenol	15.951	330	99758	113.334	ng	-0.02
45) 2-Fluorobiphenyl	13.084	172	266880	61.298	ng	-0.03
79) Terphenyl-d14	19.823	244	503300	63.684	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	10.675	128	12133	2.496	ng	# 94
52) Acenaphthene	14.529	154	18169	4.786	ng	94
55) Dibenzofuran	14.864	168	22366	3.746	ng	# 94
58) Fluorene	15.510	166	21955	4.486	ng	# 90
71) Phenanthrene	17.249	178	449425	57.145	ng	99
72) Anthracene	17.337	178	82731	10.341	ng	97
73) Carbazole	17.602	167	42406	6.017	ng	97
75) Fluoranthene	19.259	202	682109	73.763	ng	97
78) Pyrene	19.623	202	546964	52.653	ng	99
81) Benzo(a)anthracene	21.415	228	337337	31.979	ng	100
83) Chrysene	21.480	228	296447	29.273	ng	97
84) Bis(2-ethylhexyl)phtha...	21.339	149	31666	5.383	ng	# 98
87) Indeno(1,2,3-cd)pyrene	27.807	276	209463	16.782	ng	98
88) Benzo(b)fluoranthene	23.495	252	418863	40.606	ng	98
89) Benzo(k)fluoranthene	23.542	252	148953m	14.174	ng	
90) Benzo(a)pyrene	24.294	252	292453m	30.478	ng	
91) Dibenzo(a,h)anthracene	27.843	278	50917	5.081	ng	97
92) Benzo(g,h,i)perylene	28.859	276	195241	20.021	ng	# 93

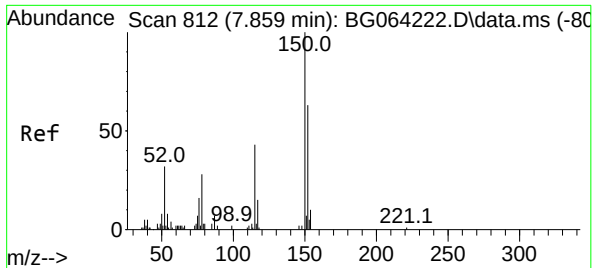
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
Data File : BG064439.D
Acq On : 23 Sep 2025 14:40
Operator : RC/JU
Sample : Q3155-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-3

Quant Time: Sep 23 15:22:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

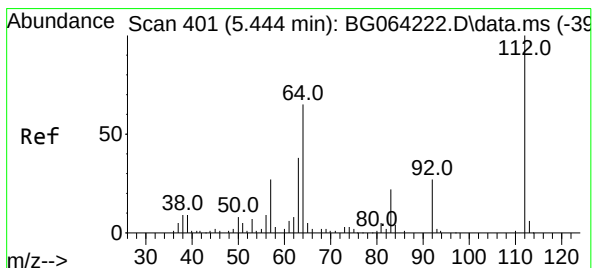
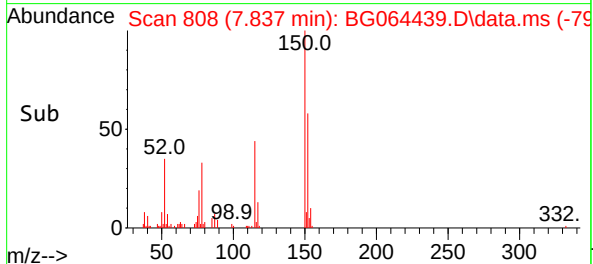
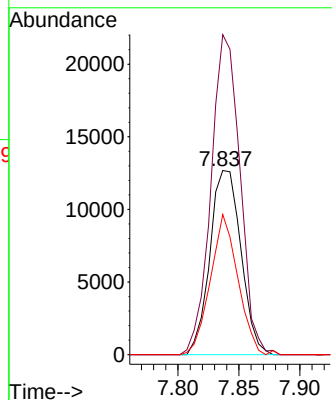
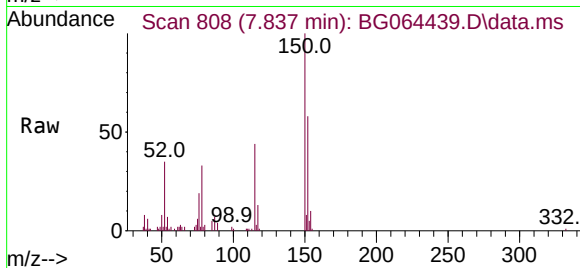




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.837 min Scan# 80
Delta R.T. -0.022 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

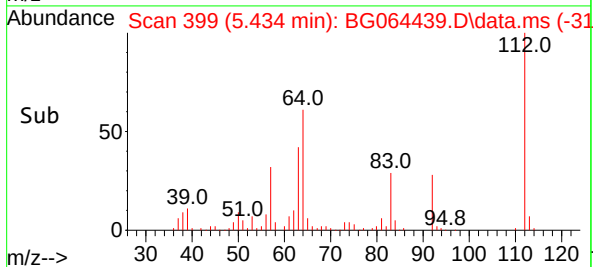
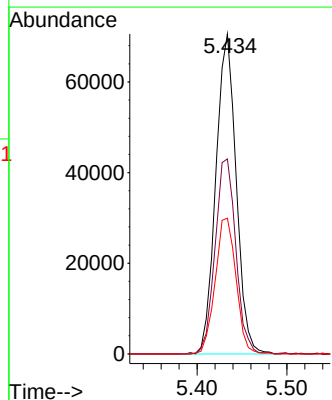
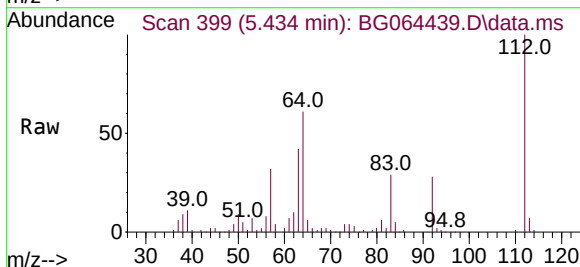
Instrument :
BNA_G
ClientSampleId :
COMP-3

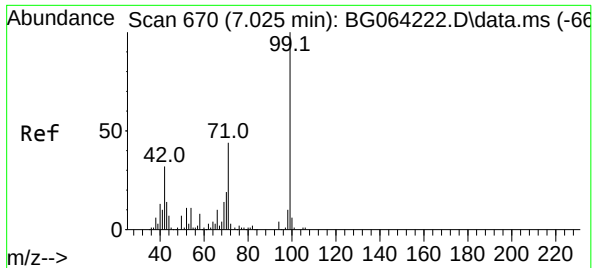
Tgt Ion	Ratio	Lower	Upper
152	100		
150	173.8	128.0	192.0
115	76.1	55.7	83.5



#5
2-Fluorophenol
Concen: 88.842 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.011 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

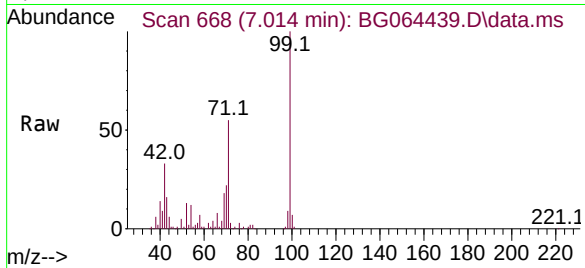
Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	51.8	77.6
63	42.4	30.6	45.8



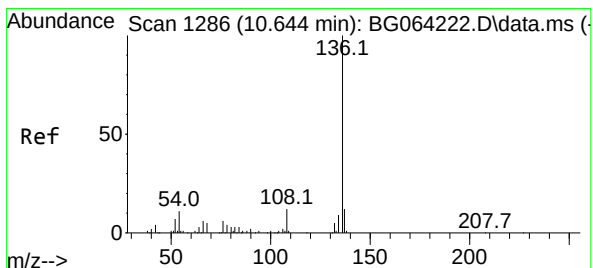
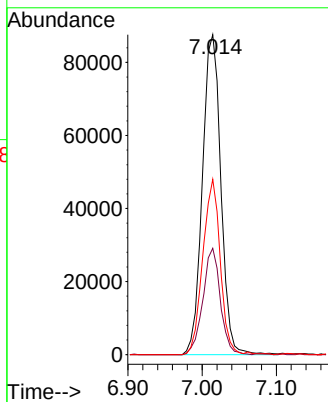
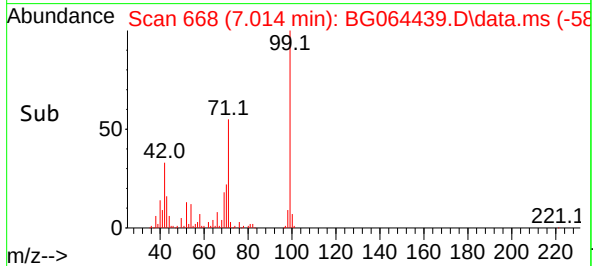


#7
Phenol-d6
Concen: 87.978 ng
RT: 7.014 min Scan# 60
Delta R.T. -0.016 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

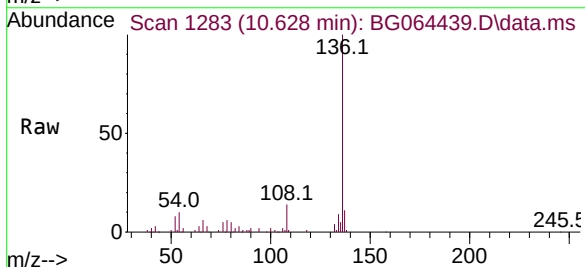
Instrument :
BNA_G
ClientSampleId :
COMP-3



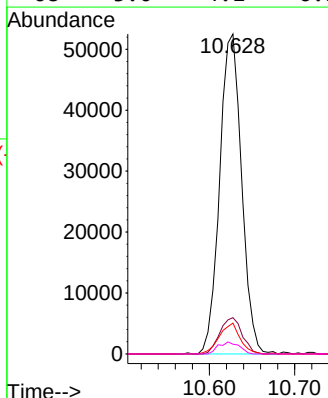
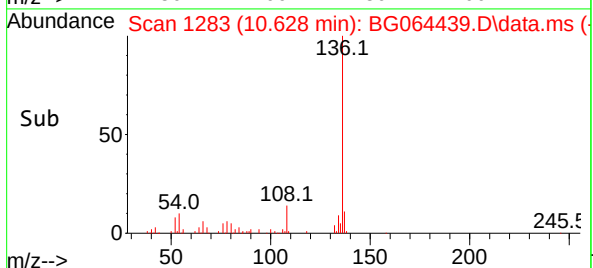
Tgt Ion: 99 Resp: 151372
Ion Ratio Lower Upper
99 100
42 33.2 25.8 38.8
71 54.8 35.2 52.8#

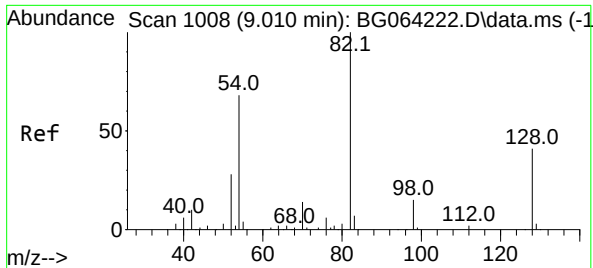


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1283
Delta R.T. -0.022 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40



Tgt Ion: 136 Resp: 93751
Ion Ratio Lower Upper
136 100
137 11.3 9.6 14.4
54 9.7 8.8 13.2
68 3.0 4.1 6.1#

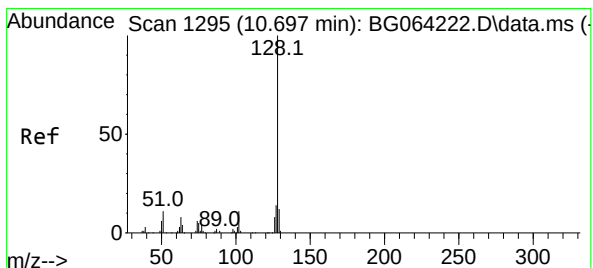
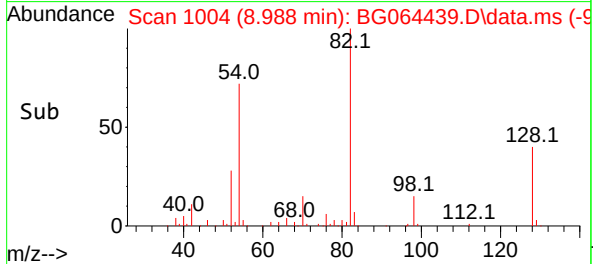
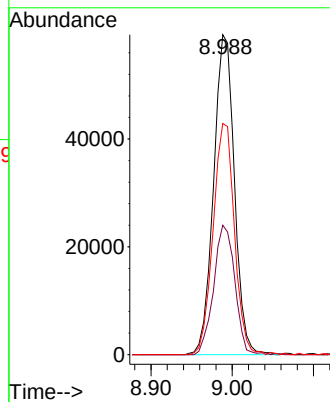
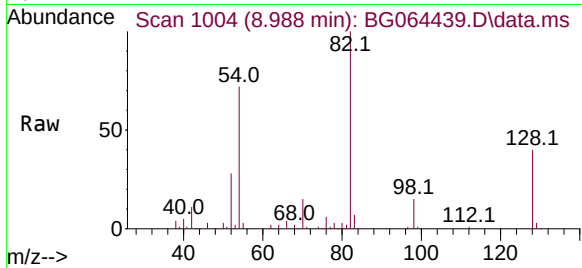




#23
Nitrobenzene-d5
Concen: 62.809 ng
RT: 8.988 min Scan# 1004
Delta R.T. -0.028 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

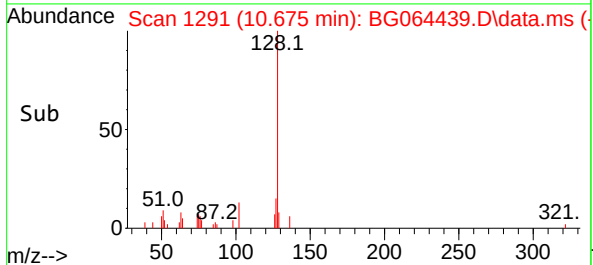
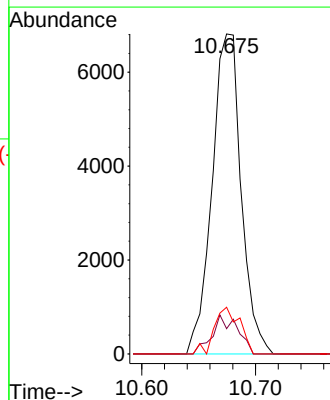
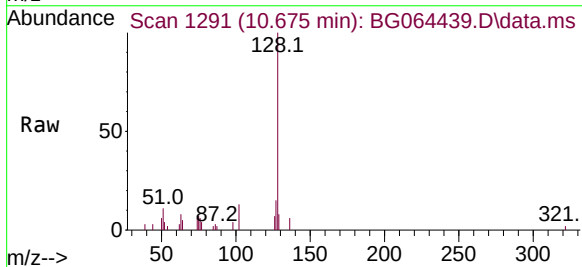
Instrument :
BNA_G
ClientSampleId :
COMP-3

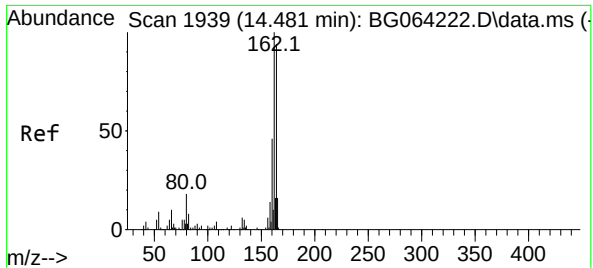
Tgt Ion: 82 Resp: 105583
Ion Ratio Lower Upper
82 100
128 40.4 32.6 48.8
54 72.2 54.7 82.1



#31
Naphthalene
Concen: 2.496 ng
RT: 10.675 min Scan# 1291
Delta R.T. -0.022 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

Tgt Ion: 128 Resp: 12133
Ion Ratio Lower Upper
128 100
129 7.9 9.4 14.2#
127 14.6 10.9 16.3

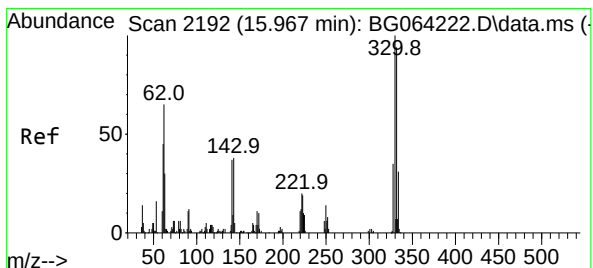
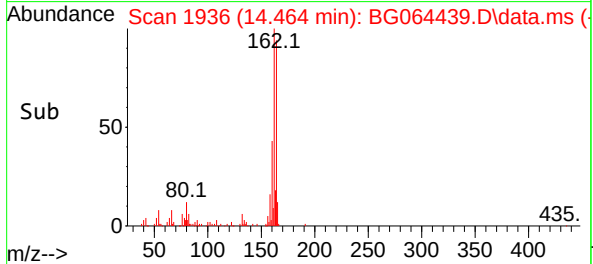
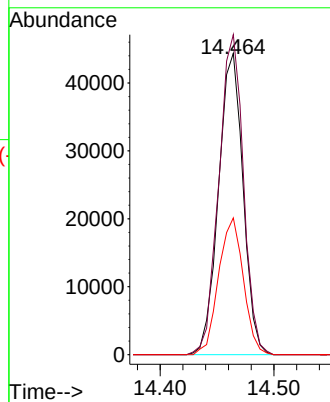
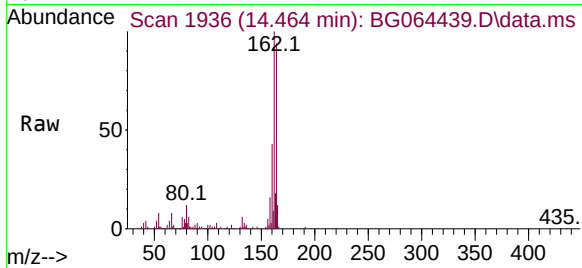




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.464 min Scan# 1939
Delta R.T. -0.017 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

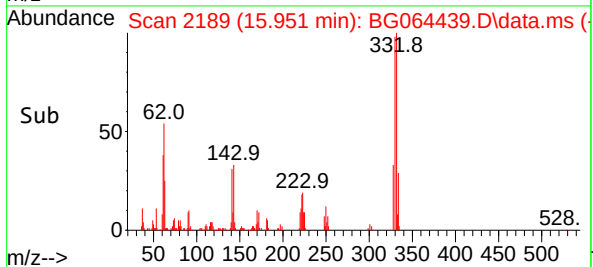
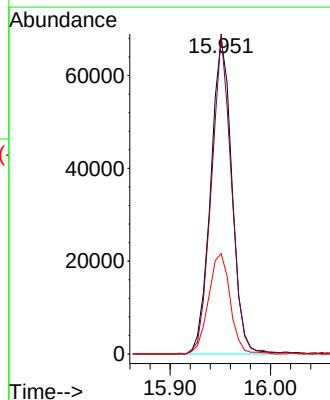
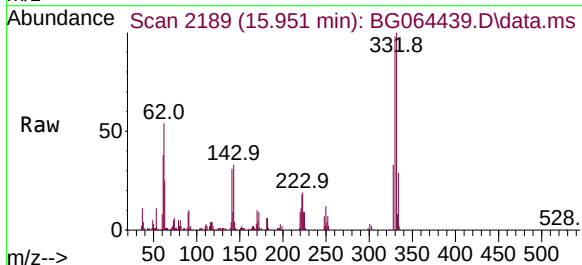
Instrument :
BNA_G
ClientSampleId :
COMP-3

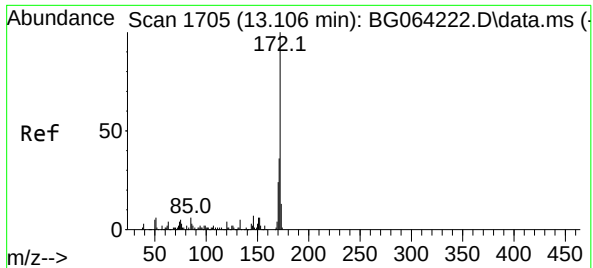
Tgt Ion	164	Resp:	66454
Ion Ratio	Lower	Upper	
164	100		
162	106.2	85.4	128.0
160	45.4	39.2	58.8



#42
2,4,6-Tribromophenol
Concen: 113.334 ng
RT: 15.951 min Scan# 2189
Delta R.T. -0.022 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

Tgt Ion	330	Resp:	99758
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.6	116.4
141	32.6	29.8	44.6

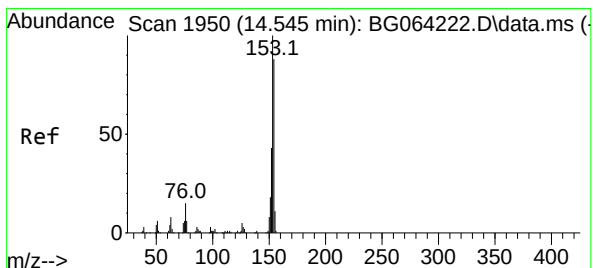
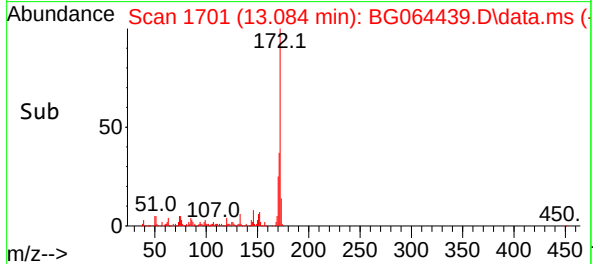
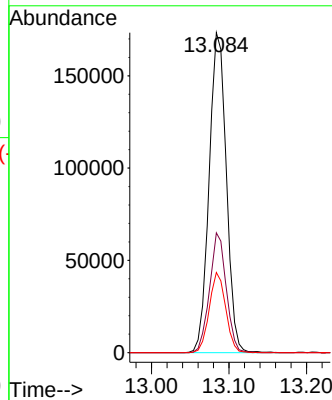
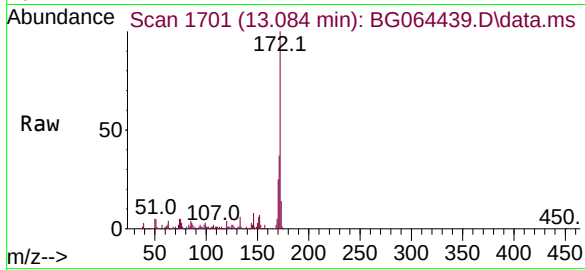




#45
2-Fluorobiphenyl
Concen: 61.298 ng
RT: 13.084 min Scan# 1705
Delta R.T. -0.028 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

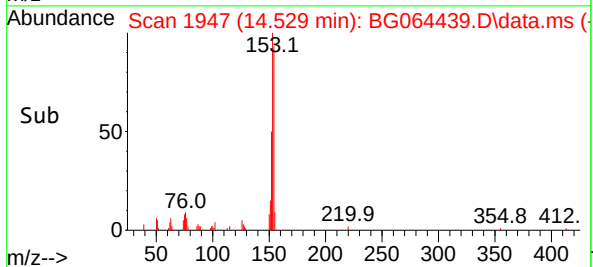
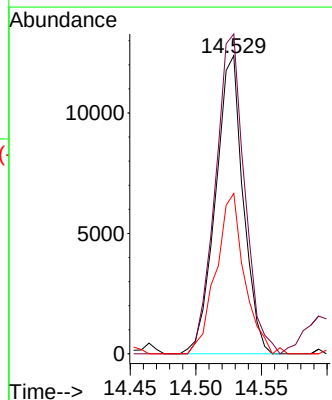
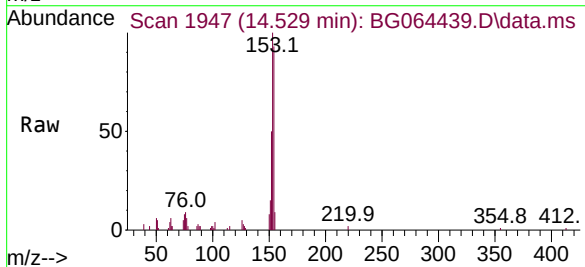
Instrument :
BNA_G
ClientSampleId :
COMP-3

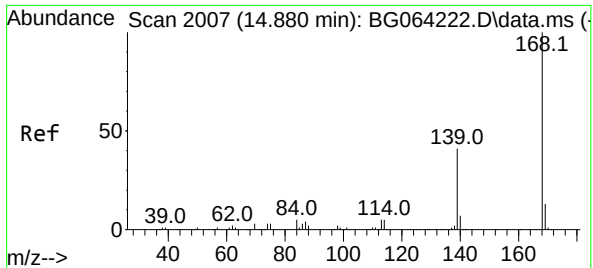
Tgt Ion:172 Resp: 266880
Ion Ratio Lower Upper
172 100
171 37.4 28.7 43.1
170 25.0 19.0 28.6



#52
Acenaphthene
Concen: 4.786 ng
RT: 14.529 min Scan# 1947
Delta R.T. -0.022 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

Tgt Ion:154 Resp: 18169
Ion Ratio Lower Upper
154 100
153 107.3 91.1 136.7
152 53.8 39.6 59.4

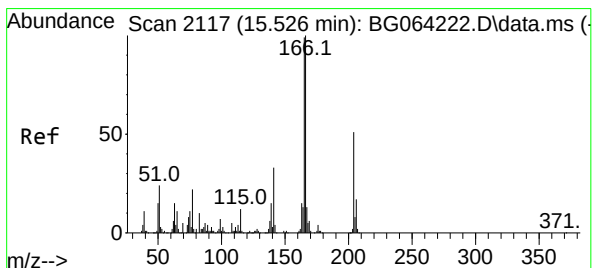
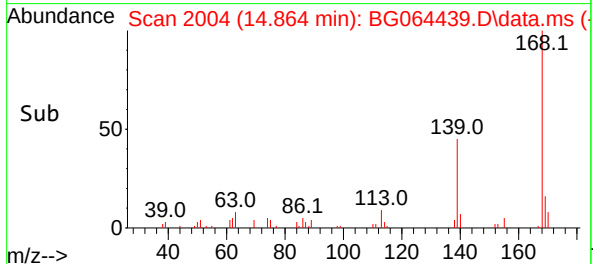
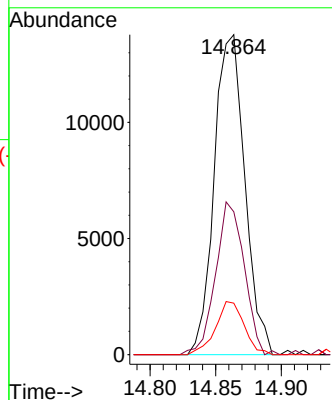
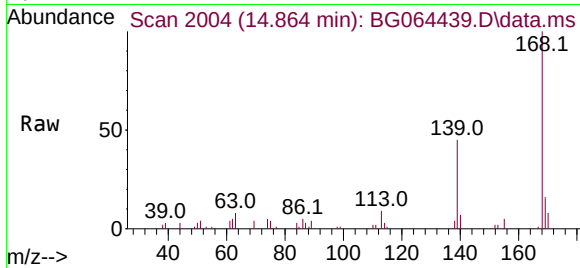




#55
Dibenzenofuran
Concen: 3.746 ng
RT: 14.864 min Scan# 2004
Delta R.T. -0.017 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

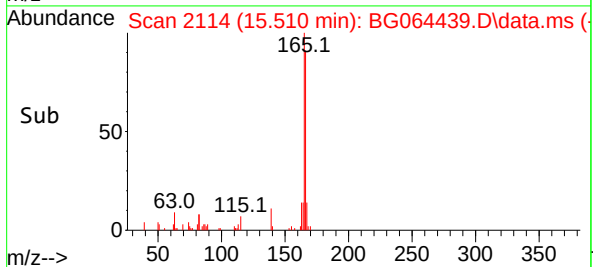
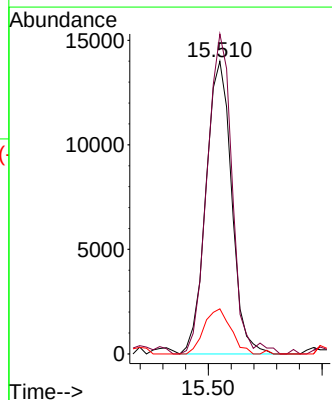
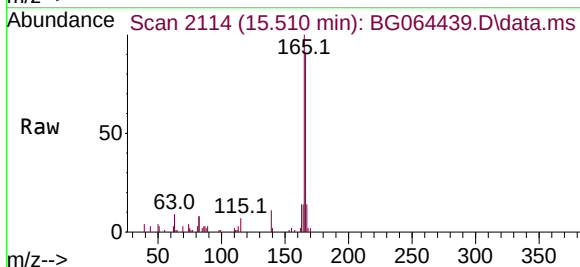
Instrument :
BNA_G
ClientSampleId :
COMP-3

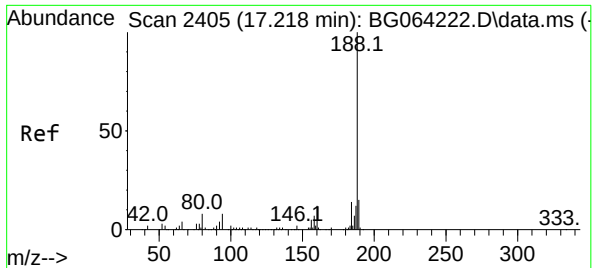
Tgt Ion:168 Resp: 22366
Ion Ratio Lower Upper
168 100
139 44.6 33.2 49.8
169 16.1 10.4 15.6#



#58
Fluorene
Concen: 4.486 ng
RT: 15.510 min Scan# 2114
Delta R.T. -0.022 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

Tgt Ion:166 Resp: 21955
Ion Ratio Lower Upper
166 100
165 109.4 79.1 118.7
167 15.4 10.2 15.4#

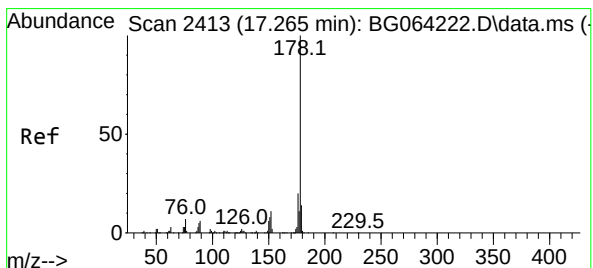
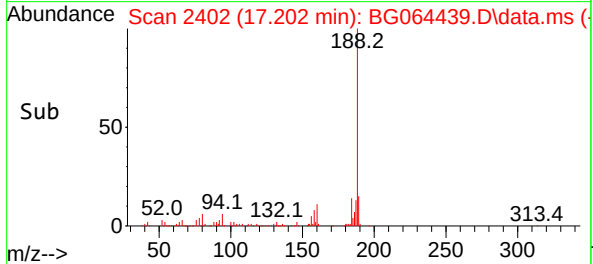
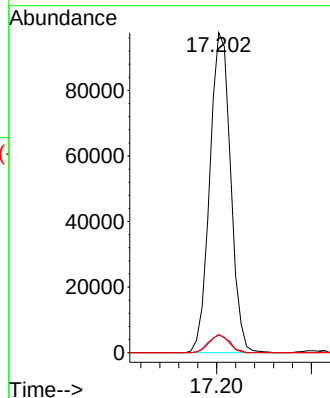
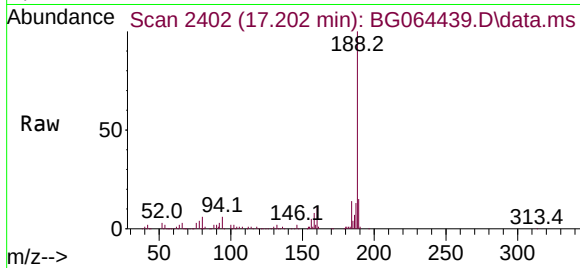




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.202 min Scan# 2405
Delta R.T. -0.022 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

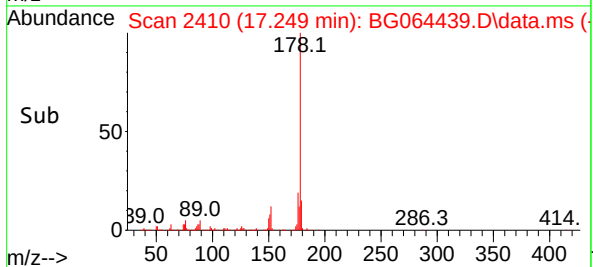
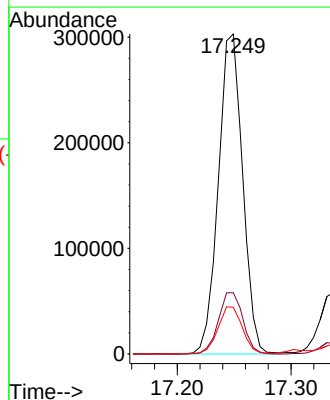
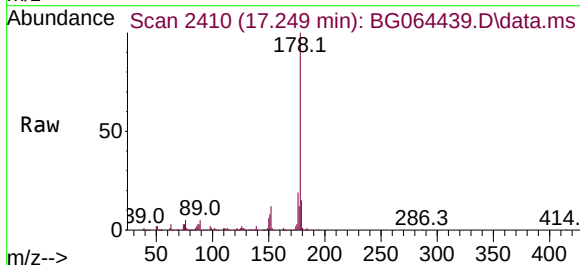
Instrument :
BNA_G
ClientSampleId :
COMP-3

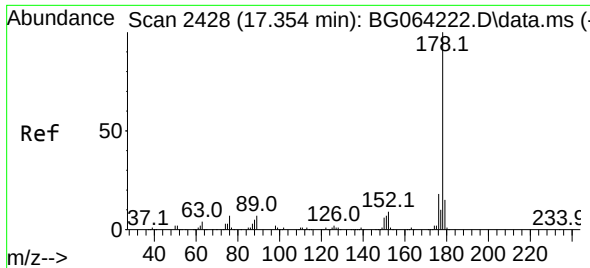
Tgt Ion:188 Resp: 149111
Ion Ratio Lower Upper
188 100
94 5.5 6.2 9.4#
80 5.7 6.8 10.2#



#71
Phenanthrene
Concen: 57.145 ng
RT: 17.249 min Scan# 2410
Delta R.T. -0.017 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

Tgt Ion:178 Resp: 449425
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 14.6 11.4 17.2

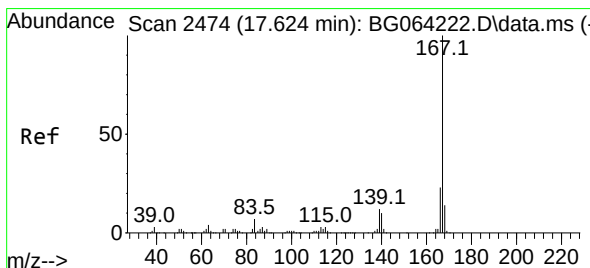
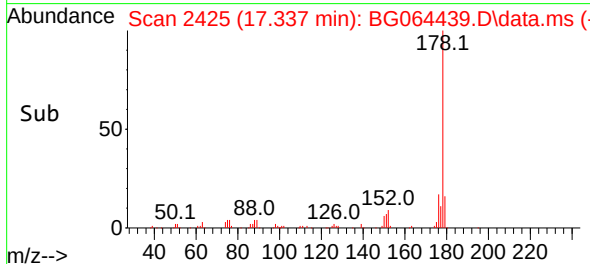
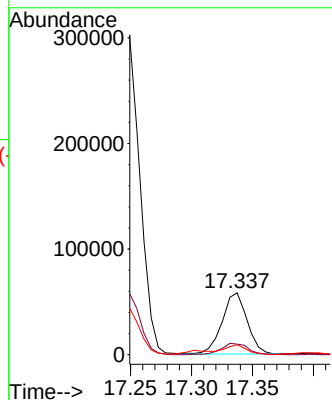
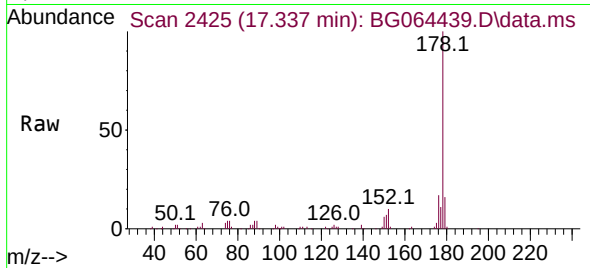




#72
Anthracene
Concen: 10.341 ng
RT: 17.337 min Scan# 2425
Delta R.T. -0.022 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

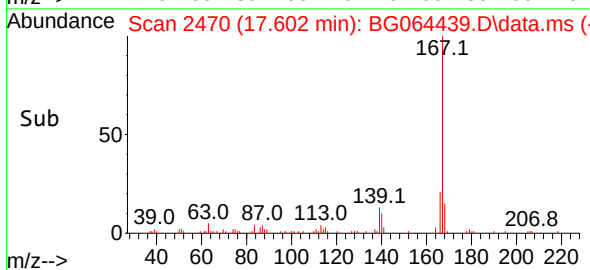
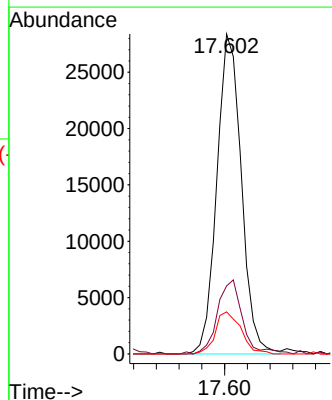
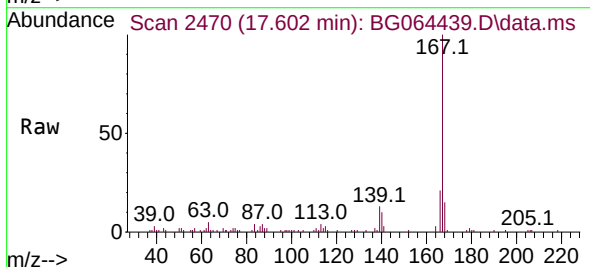
Instrument :
BNA_G
ClientSampleId :
COMP-3

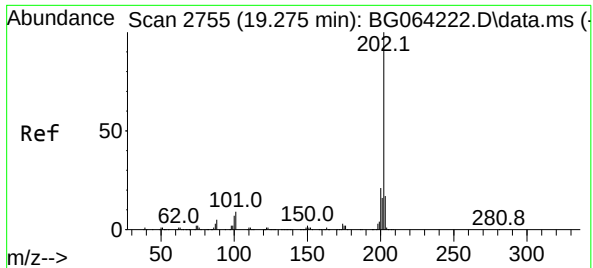
Tgt Ion:178 Resp: 82731
Ion Ratio Lower Upper
178 100
176 17.1 14.7 22.1
179 16.1 12.1 18.1



#73
Carbazole
Concen: 6.017 ng
RT: 17.602 min Scan# 2470
Delta R.T. -0.022 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

Tgt Ion:167 Resp: 42406
Ion Ratio Lower Upper
167 100
166 21.2 18.2 27.2
139 13.1 9.8 14.6

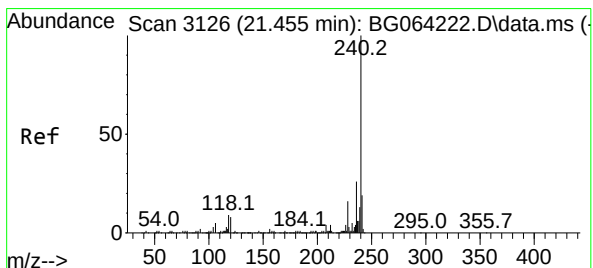
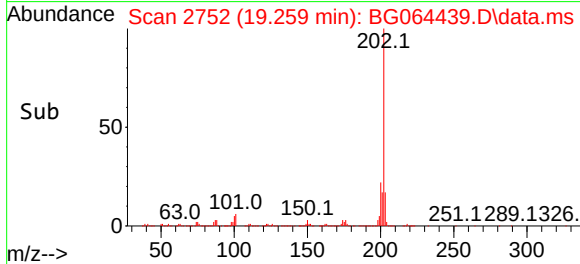
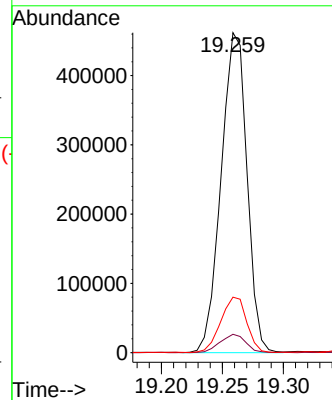
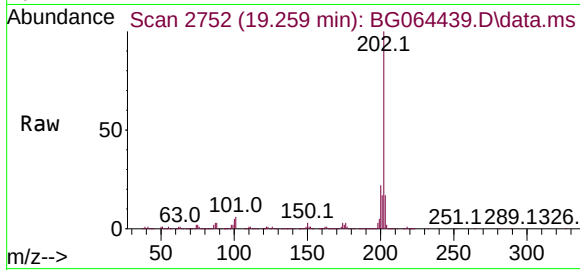




#75
Fluoranthene
Concen: 73.763 ng
RT: 19.259 min Scan# 21
Delta R.T. -0.017 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

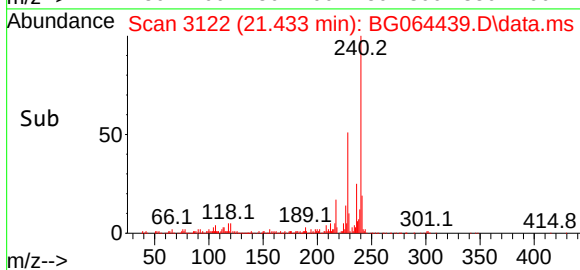
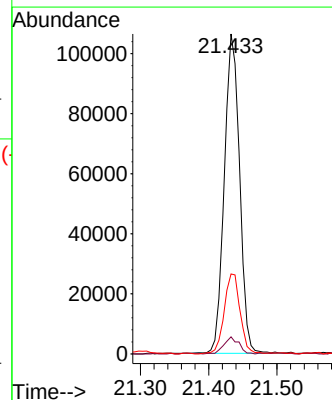
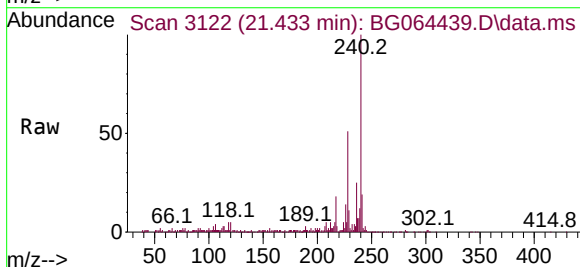
Instrument :
BNA_G
ClientSampleId :
COMP-3

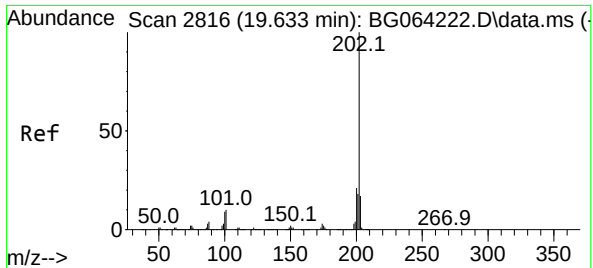
Tgt Ion:202 Resp: 682109
Ion Ratio Lower Upper
202 100
101 5.7 0.0 28.7
203 17.3 0.0 36.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3122
Delta R.T. -0.022 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

Tgt Ion:240 Resp: 164886
Ion Ratio Lower Upper
240 100
120 5.3 6.2 9.4#
236 25.0 20.5 30.7

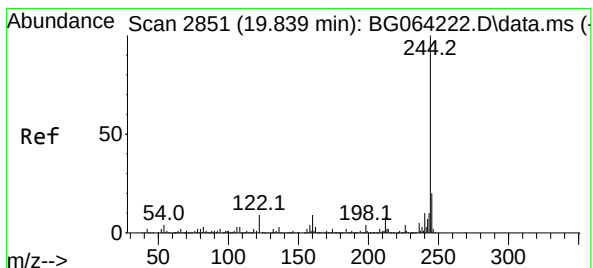
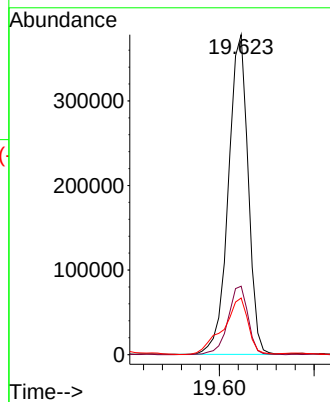
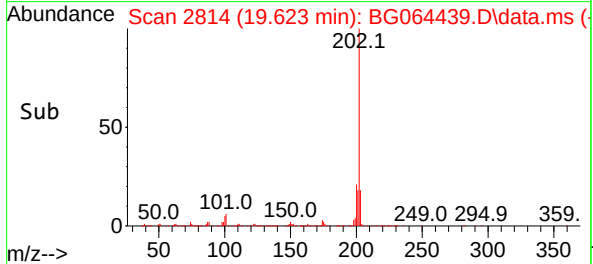
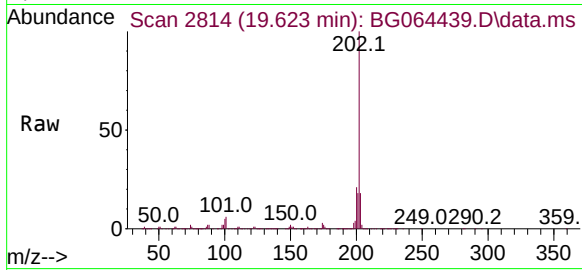




#78
Pyrene
Concen: 52.653 ng
RT: 19.623 min Scan# 2816
Delta R.T. -0.017 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

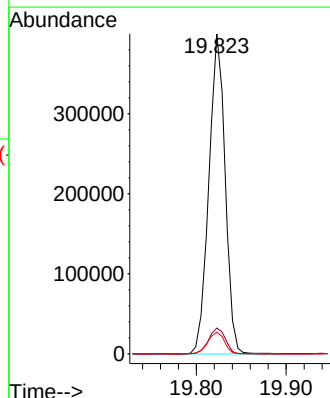
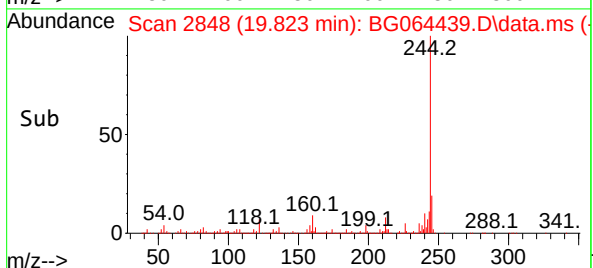
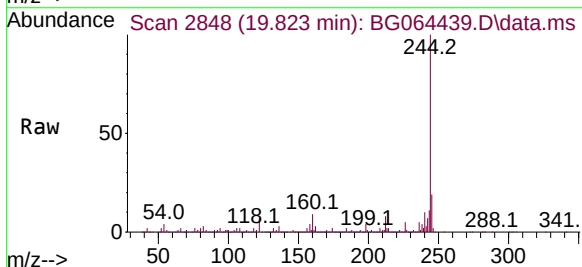
Instrument :
BNA_G
ClientSampleId :
COMP-3

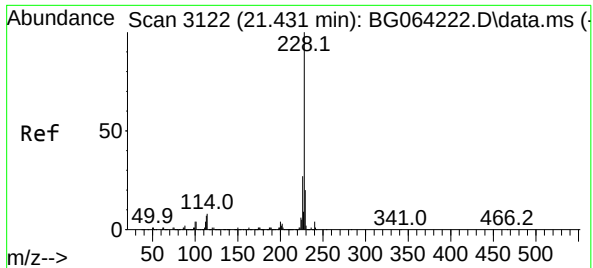
Tgt Ion:202 Resp: 546964
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.7 13.8 20.8



#79
Terphenyl-d14
Concen: 63.684 ng
RT: 19.823 min Scan# 2848
Delta R.T. -0.022 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

Tgt Ion:244 Resp: 503300
Ion Ratio Lower Upper
244 100
212 8.1 6.6 10.0
122 6.8 7.0 10.6#

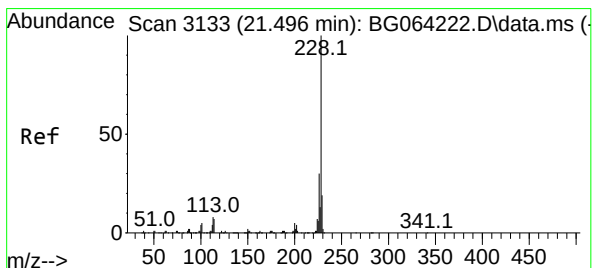
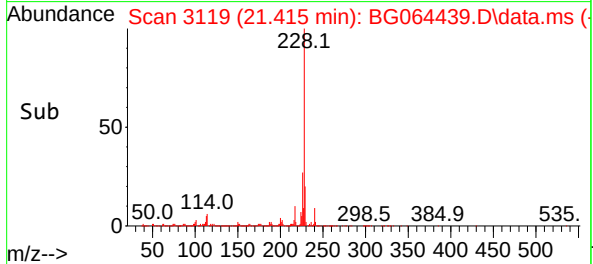
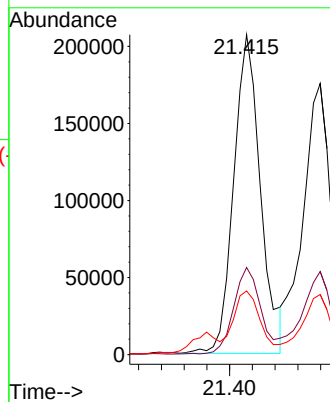
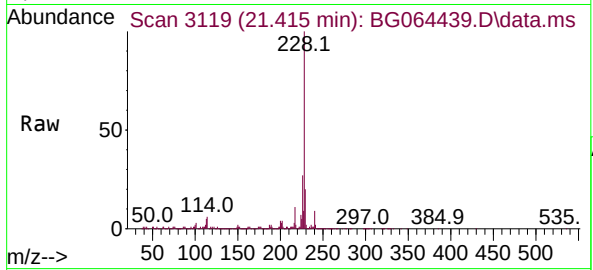




#81
Benzo(a)anthracene
Concen: 31.979 ng
RT: 21.415 min Scan# 31
Delta R.T. -0.022 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

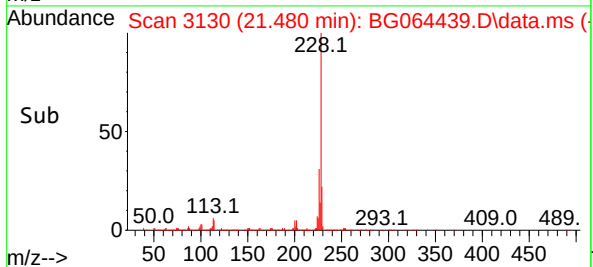
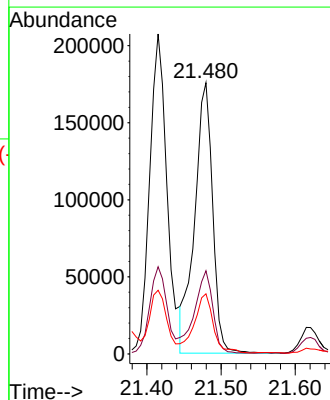
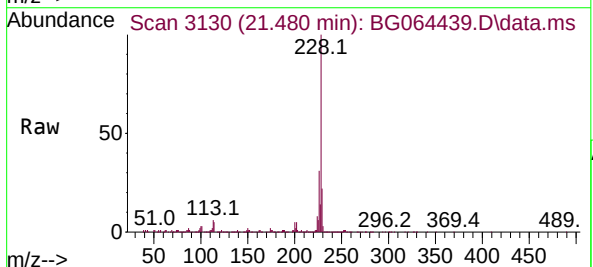
Instrument :
BNA_G
ClientSampleId :
COMP-3

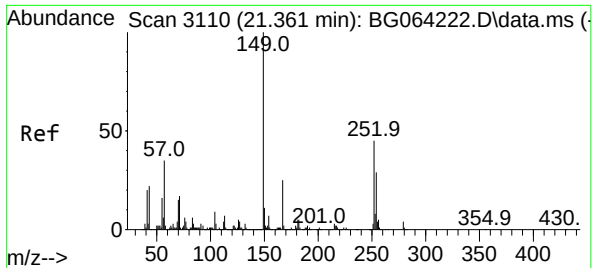
Tgt Ion:228 Resp: 337337
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 19.9 15.9 23.9



#83
Chrysene
Concen: 29.273 ng
RT: 21.480 min Scan# 3130
Delta R.T. -0.022 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

Tgt Ion:228 Resp: 296447
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 22.2 15.4 23.2

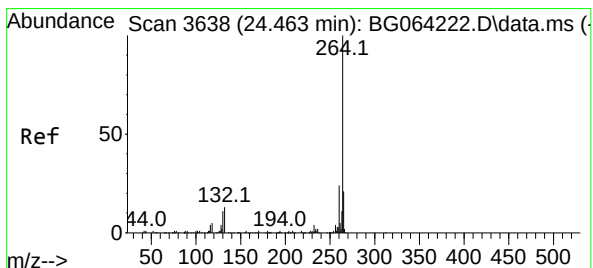
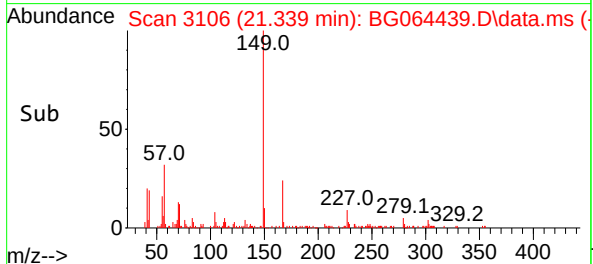
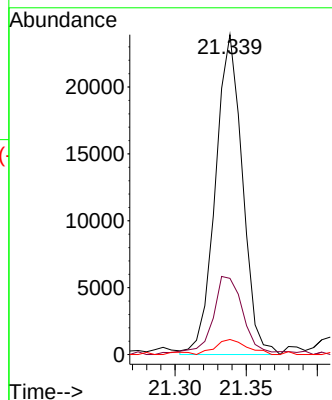
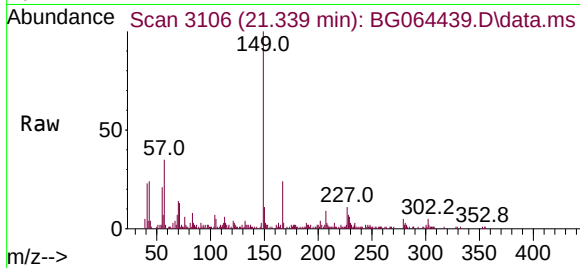




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.383 ng
 RT: 21.339 min Scan# 3110
 Delta R.T. -0.028 min
 Lab File: BG064439.D
 Acq: 23 Sep 2025 14:40

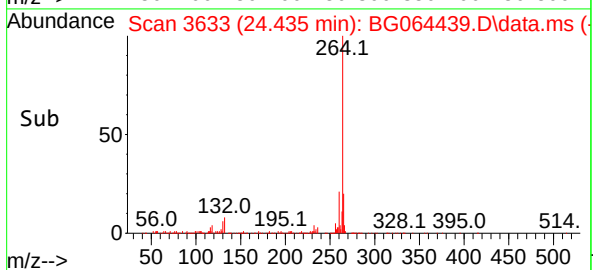
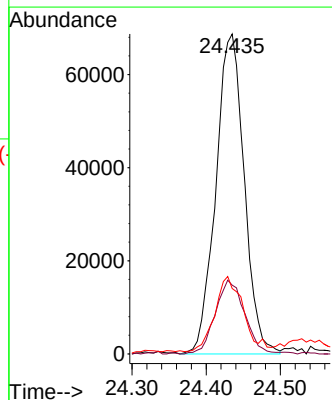
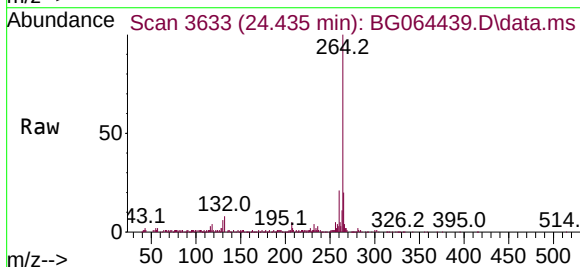
Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

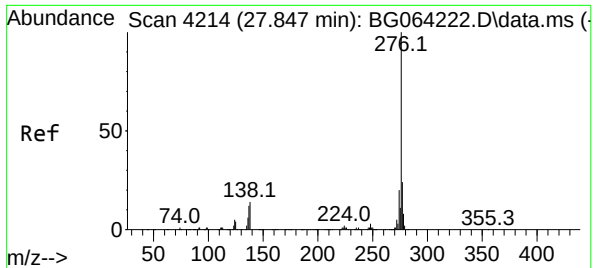
Tgt Ion:149 Resp: 31666
 Ion Ratio Lower Upper
 149 100
 167 23.8 20.0 30.0
 279 4.7 3.0 4.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.435 min Scan# 3633
 Delta R.T. -0.028 min
 Lab File: BG064439.D
 Acq: 23 Sep 2025 14:40

Tgt Ion:264 Resp: 182770
 Ion Ratio Lower Upper
 264 100
 260 21.5 18.9 28.3
 265 20.4 16.7 25.1

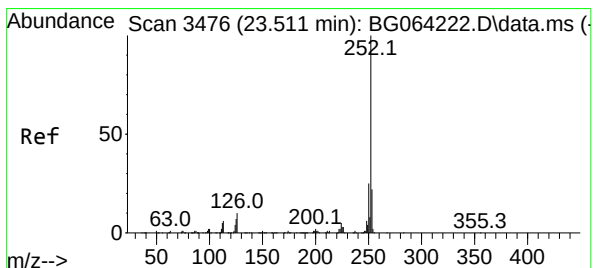
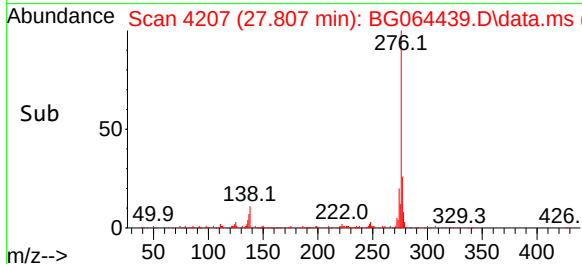
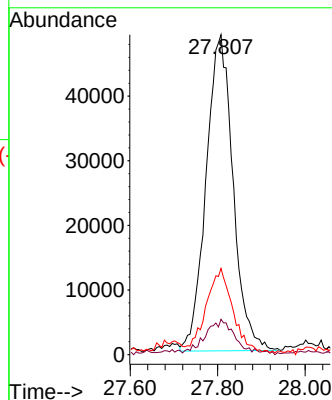
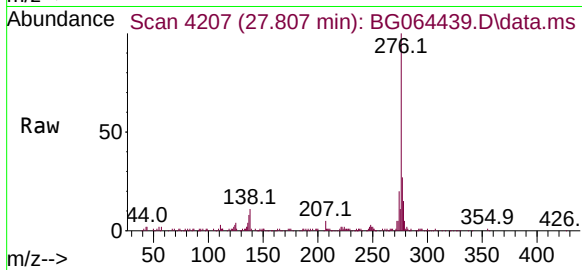




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 16.782 ng
 RT: 27.807 min Scan# 41
 Delta R.T. -0.064 min
 Lab File: BG064439.D
 Acq: 23 Sep 2025 14:40

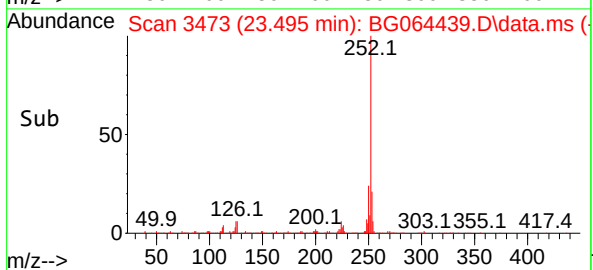
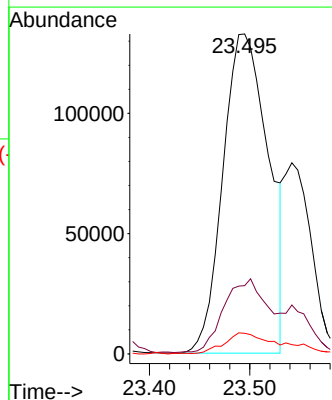
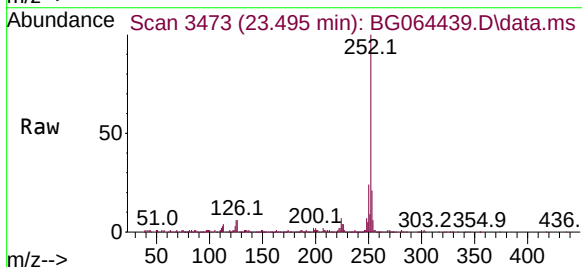
Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

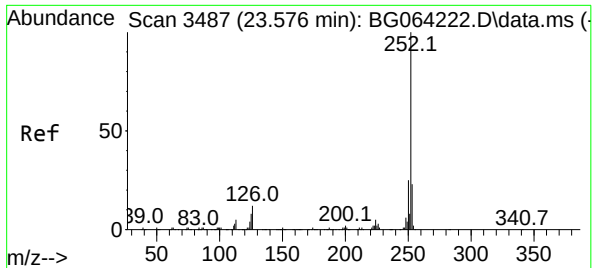
Tgt Ion:276 Resp: 209463
 Ion Ratio Lower Upper
 276 100
 138 10.9 7.4 11.0
 277 26.1 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 40.606 ng
 RT: 23.495 min Scan# 3473
 Delta R.T. -0.022 min
 Lab File: BG064439.D
 Acq: 23 Sep 2025 14:40

Tgt Ion:252 Resp: 418863
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.5 26.3
 125 6.4 5.9 8.9

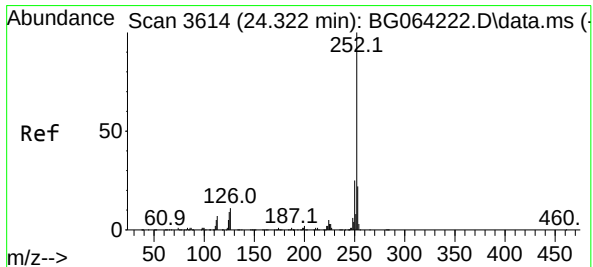
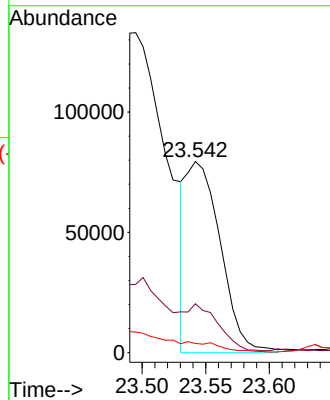
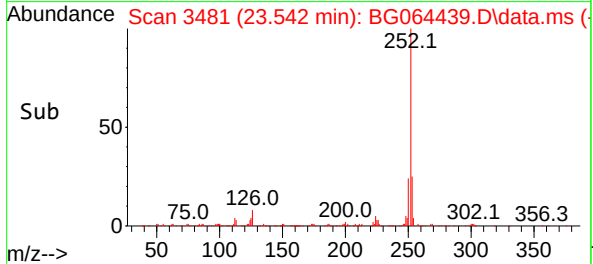
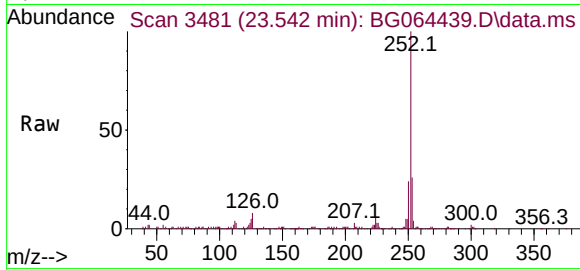




#89
Benzo(k)fluoranthene
Concen: 14.174 ng m
RT: 23.542 min Scan# 3487
Delta R.T. -0.046 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

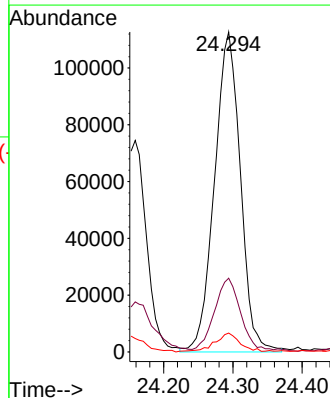
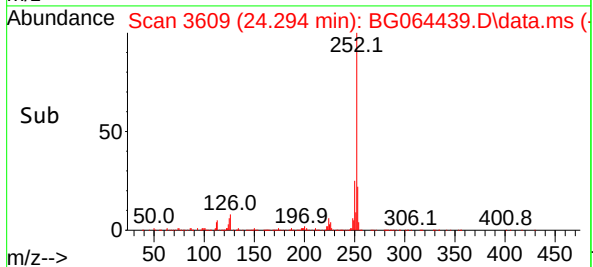
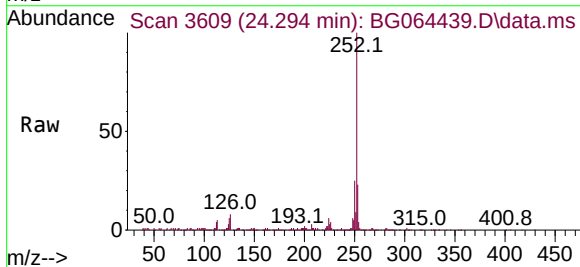
Instrument :
BNA_G
ClientSampleId :
COMP-3

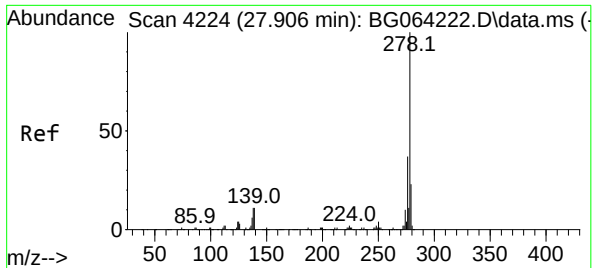
Tgt Ion:252 Resp: 148953
Ion Ratio Lower Upper
252 100
253 25.6 18.2 27.4
125 4.9 7.0 10.4#



#90
Benzo(a)pyrene
Concen: 30.478 ng m
RT: 24.294 min Scan# 3609
Delta R.T. -0.034 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

Tgt Ion:252 Resp: 292453
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 5.9 7.0 10.6#

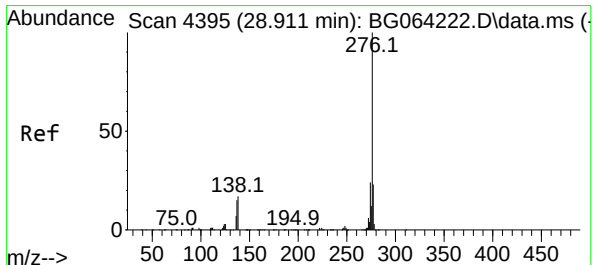
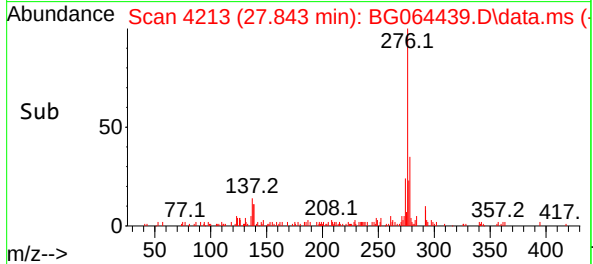
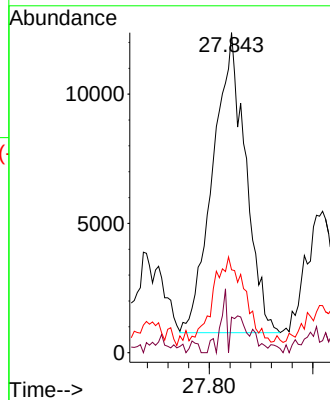
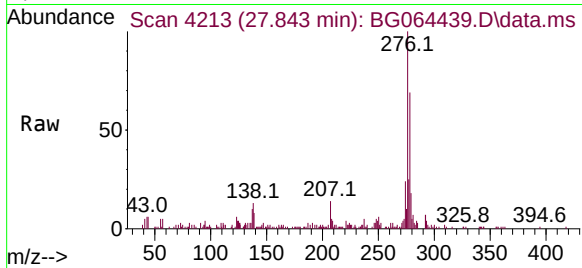




#91
Dibenzo(a,h)anthracene
Concen: 5.081 ng
RT: 27.843 min Scan# 41
Delta R.T. -0.081 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

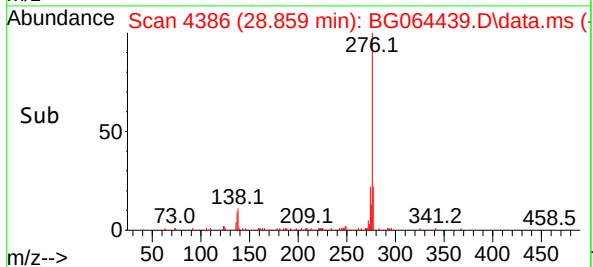
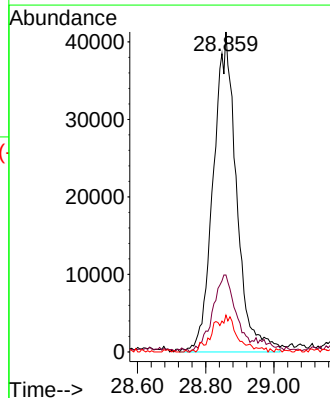
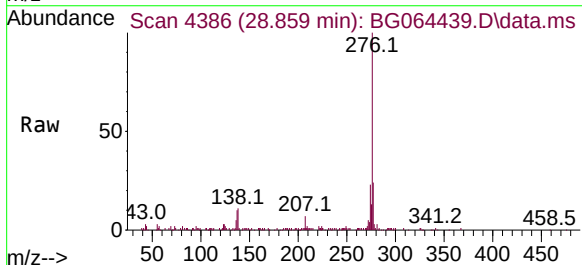
Instrument :
BNA_G
ClientSampleId :
COMP-3

Tgt Ion:278 Resp: 50917
Ion Ratio Lower Upper
278 100
139 11.1 9.0 13.4
279 25.9 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 20.021 ng
RT: 28.859 min Scan# 4386
Delta R.T. -0.075 min
Lab File: BG064439.D
Acq: 23 Sep 2025 14:40

Tgt Ion:276 Resp: 195241
Ion Ratio Lower Upper
276 100
277 24.0 18.2 27.4
138 11.5 13.3 19.9#





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: POWE02Lab Code: ACESDG No.: Q3155Instrument ID: BNA_GCalibration Date(s): 08/28/2025 08/28/2025Calibration Time(s): 10:51 16:16

LAB FILE ID:		RRF2.5 = BG064218.D			RRF005 = BG064219.D		RRF010 = BG064220.D	
		RRF020 = BG064221.D			RRF040 = BG064222.D		RRF050 = BG064223.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.126	1.094	1.155	1.104	1.075	1.115	2.4
Phenol-d6		1.520	1.484	1.594	1.515	1.522	1.532	2.3
Nitrobenzene-d5		0.341	0.340	0.370	0.365	0.357	0.359	3.8
Naphthalene		1.104	1.012	1.077	1.036	1.004	1.037	4.0
2-Fluorobiphenyl		1.364	1.286	1.358	1.328	1.288	1.310	3.3
Fluorene		1.567	1.478	1.549	1.529	1.416	1.473	5.3
2,4,6-Tribromophenol		0.281	0.256	0.271	0.276	0.261	0.265	4.2
Phenanthrene		1.103	1.032	1.090	1.084	1.020	1.055	3.4
Anthracene		1.124	1.053	1.092	1.111	1.033	1.073	3.5
Pyrene		1.292	1.236	1.286	1.303	1.216	1.260	2.9
Terphenyl-d14		1.009	0.974	1.002	0.981	0.918	0.959	4.7
Benzo (a) anthracene		1.323	1.238	1.312	1.296	1.248	1.280	2.7
Chrysene		1.277	1.197	1.254	1.248	1.204	1.228	2.7
Benzo (b) fluoranthene		1.079	1.081	1.145	1.176	1.104	1.129	3.6
Benzo (a) pyrene		1.019	0.978	1.076	1.084	1.047	1.050	3.8
Indeno (1,2,3-cd) pyrene		1.314	1.302	1.384	1.399	1.348	1.366	3.4
Benzo (g,h,i) perylene		1.067	1.029	1.070	1.083	1.042	1.067	2.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
 Method File : 8270-BG082825.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Aug 28 17:41:58 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BG064218.D 5 =BG064219.D 10 =BG064220.D 20 =BG064221.D 40 =BG064222.D 50 =BG064223.D 60 =BG064224.D 80 =BG064225.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.574	0.524	0.479	0.387	0.430	0.432	0.426	0.465	14.04	
3)	Pyridine	1.449	1.375	1.377	1.338	1.315	1.371	1.349	1.368	3.09	
4)	n-Nitrosodimet...	0.889	0.914	0.922	0.896	0.916	0.892	0.905	0.905	1.57	
5) S	2-Fluorophenol	1.126	1.094	1.155	1.104	1.075	1.117	1.133	1.115	2.36	
6)	Aniline	2.030	2.048	2.158	2.125	2.151	2.203	2.110	2.118	2.90	
7) S	Phenol-d6	1.520	1.484	1.594	1.515	1.522	1.555	1.532	1.532	2.26	
8)	2-Chlorophenol	1.318	1.287	1.381	1.418	1.360	1.407	1.364	1.362	3.44	
9)	Benzaldehyde	1.181	1.115	1.375	1.193	1.439	1.260	11.00			
10) C	Phenol	1.590	1.627	1.750	1.669	1.739	1.745	1.699	1.688	3.71	
11)	bis(2-Chloroet...	1.232	1.263	1.323	1.281	1.255	1.270	1.258	1.269	2.22	
12)	1,3-Dichlorobe...	1.469	1.480	1.500	1.471	1.394	1.425	1.404	1.449	2.83	
13) C	1,4-Dichlorobe...	1.499	1.522	1.479	1.466	1.426	1.447	1.398	1.463	2.91	
14)	1,2-Dichlorobe...	1.350	1.458	1.476	1.409	1.365	1.437	1.386	1.412	3.38	
15)	Benzyl Alcohol	1.297	1.436	1.426	1.432	1.438	1.451	1.413	4.06		
16)	2,2'-oxybis(1-...	2.923	2.920	2.979	2.897	2.826	2.931	2.803	2.897	2.14	
17)	2-Methylphenol	1.188	1.243	1.349	1.261	1.218	1.305	1.246	1.258	4.28	
18)	Hexachloroethane	0.555	0.578	0.574	0.583	0.572	0.568	0.567	0.571	1.57	
19) P	n-Nitroso-di-n...	1.008	1.162	1.160	1.239	1.203	1.211	1.230	1.164	1.172	6.24
20)	3+4-Methylphenols	1.734	1.765	1.702	1.750	1.787	1.753	1.749	1.65		
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.533	0.485	0.522	0.502	0.496	0.513	0.492	0.506	3.42	
23) S	Nitrobenzene-d5	0.341	0.340	0.370	0.365	0.357	0.376	0.360	0.359	3.82	
24)	Nitrobenzene	0.354	0.348	0.394	0.388	0.377	0.387	0.375	0.375	4.71	
25)	Isophorone	0.749	0.723	0.787	0.748	0.733	0.754	0.724	0.745	2.97	
26) C	2-Nitrophenol	0.133	0.146	0.169	0.171	0.167	0.176	0.171	0.162	9.86	
27)	2,4-Dimethylph...	0.275	0.271	0.300	0.297	0.276	0.291	0.279	0.284	4.03	
28)	bis(2-Chloroet...	0.396	0.401	0.417	0.414	0.390	0.404	0.391	0.402	2.63	
29) C	2,4-Dichloroph...	0.289	0.278	0.319	0.310	0.299	0.311	0.294	0.300	4.70	
30)	1,2,4-Trichlor...	0.332	0.305	0.327	0.319	0.308	0.317	0.305	0.316	3.42	
31)	Naphthalene	1.104	1.012	1.077	1.036	1.004	1.041	0.986	1.037	4.01	
32)	Benzoic acid	0.159	0.206	0.240	0.247	0.257	0.245	0.226	16.35		
33)	4-Chloroaniline	0.369	0.379	0.414	0.421	0.411	0.419	0.402	0.402	5.08	
34) C	Hexachlorobuta...	0.242	0.236	0.236	0.237	0.224	0.236	0.225	0.234	2.93	
35)	Caprolactam	0.108	0.129	0.123	0.112	0.114	0.110	0.116	7.13		
36) C	4-Chloro-3-met...	0.380	0.382	0.402	0.395	0.386	0.396	0.383	0.389	2.16	
37)	2-Methylnaphth...	0.768	0.748	0.831	0.788	0.757	0.772	0.734	0.771	4.10	
38)	1-Methylnaphth...	0.788	0.755	0.801	0.776	0.736	0.753	0.722	0.761	3.72	

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
 Method File : 8270-BG082825.M

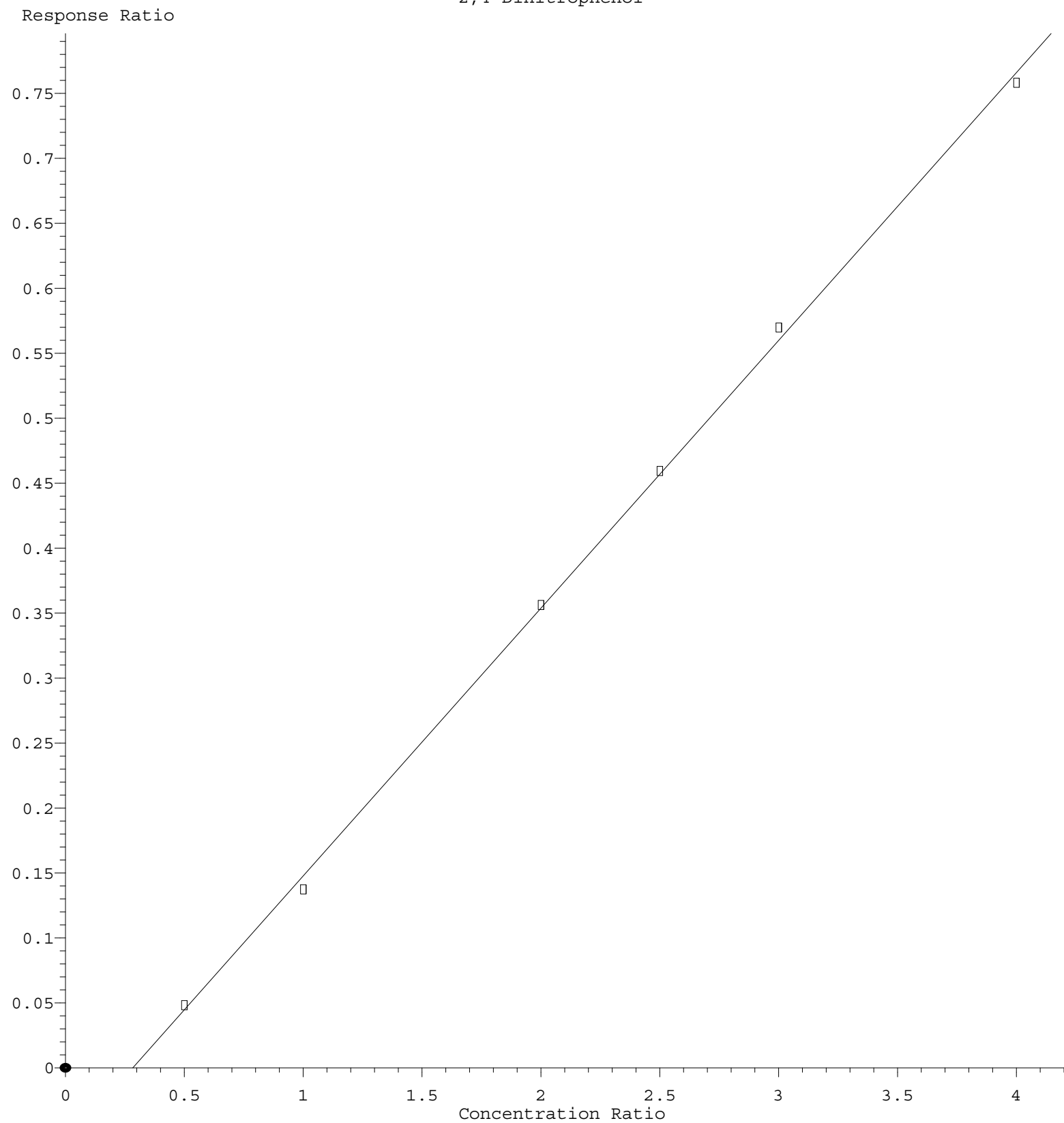
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.554	0.556	0.597	0.582	0.582	0.592	0.576	0.577	2.86	
41) P	Hexachlorocycl...	0.221	0.256	0.275	0.290	0.307	0.296	0.274	11.55		
42) S	2,4,6-Tribromo...	0.281	0.256	0.271	0.276	0.261	0.257	0.252	0.265	4.21	
43) C	2,4,6-Trichlor...	0.364	0.362	0.400	0.396	0.384	0.399	0.394	0.386	4.23	
44)	2,4,5-Trichlor...	0.387	0.386	0.437	0.433	0.426	0.437	0.423	0.418	5.33	
45) S	2-Fluorobiphenyl	1.364	1.286	1.358	1.328	1.288	1.304	1.244	1.310	3.27	
46)	1,1'-Biphenyl	1.459	1.412	1.488	1.494	1.449	1.471	1.424	1.457	2.13	
47)	2-Chloronaphth...	1.090	1.059	1.113	1.113	1.096	1.117	1.078	1.095	1.94	
48)	2-Nitroaniline	0.303	0.329	0.372	0.410	0.394	0.408	0.397	0.373	11.15	
49)	Acenaphthylene	1.656	1.528	1.675	1.675	1.607	1.610	1.580	1.619	3.36	
50)	Dimethylphthalate	1.672	1.476	1.569	1.555	1.462	1.446	1.417	1.514	5.90	
51)	2,6-Dinitrotol...	0.238	0.269	0.301	0.322	0.300	0.315	0.305	0.293	10.00	
52) C	Acenaphthene	1.169	1.120	1.175	1.178	1.129	1.132	1.095	1.142	2.77	
53)	3-Nitroaniline	0.275	0.279	0.316	0.331	0.314	0.322	0.312	0.307	6.93	
54) P	2,4-Dinitrophenol	0.096	0.137	0.178	0.184	0.190	0.190	0.163	23.29		
55)	Dibenzofuran	1.913	1.756	1.840	1.833	1.762	1.754	1.722	1.797	3.73	
56) P	4-Nitrophenol	0.199	0.250	0.286	0.258	0.255	0.263	0.252	11.50		
57)	2,4-Dinitrotol...	0.396	0.398	0.462	0.484	0.450	0.457	0.455	0.443	7.55	
58)	Fluorene	1.567	1.478	1.549	1.529	1.416	1.398	1.373	1.473	5.30	
59)	2,3,4,6-Tetrac...	0.392	0.378	0.419	0.419	0.413	0.404	0.393	0.402	3.91	
60)	Diethylphthalate	1.830	1.577	1.665	1.688	1.536	1.530	1.516	1.620	7.06	
61)	4-Chlorophenyl...	0.781	0.717	0.759	0.755	0.720	0.716	0.693	0.734	4.21	
62)	4-Nitroaniline	0.267	0.275	0.311	0.351	0.332	0.331	0.325	0.313	9.93	
63)	Azobenzene	1.490	1.422	1.511	1.503	1.407	1.393	1.381	1.444	3.83	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.085	0.107	0.118	0.121	0.129	0.128	0.115	14.38		
66) c	n-Nitrosodiphe...	0.553	0.518	0.571	0.562	0.542	0.564	0.542	0.550	3.23	
67)	4-Bromophenyl-...	0.195	0.213	0.218	0.215	0.212	0.219	0.216	0.212	3.78	
68)	Hexachlorobenzene	0.241	0.232	0.244	0.226	0.231	0.243	0.235	0.236	2.82	
69)	Atrazine	0.240	0.230	0.231	0.240	0.224	0.224	0.220	0.230	3.42	
70) C	Pentachlorophenol	0.110	0.135	0.153	0.148	0.156	0.157	0.143	12.65		
71)	Phenanthrene	1.103	1.032	1.090	1.084	1.020	1.041	1.015	1.055	3.45	
72)	Anthracene	1.124	1.053	1.092	1.111	1.033	1.070	1.028	1.073	3.48	
73)	Carbazole	0.986	0.908	0.960	1.002	0.917	0.935	0.909	0.945	4.01	
74)	Di-n-butylphth...	1.196	1.089	1.146	1.211	1.096	1.119	1.093	1.136	4.47	
75) C	Fluoranthene	1.340	1.211	1.269	1.304	1.178	1.208	1.172	1.240	5.25	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.454	0.525	0.445	0.385	0.357	0.358	0.421	15.74		
78)	Pyrene	1.292	1.236	1.286	1.303	1.216	1.269	1.218	1.260	2.88	
79) S	Terphenyl-d14	1.009	0.974	1.002	0.981	0.918	0.938	0.888	0.959	4.70	
80)	Butylbenzylpht...	0.449	0.440	0.492	0.494	0.474	0.496	0.481	0.475	4.72	
81)	Benzo(a)anthra...	1.323	1.238	1.312	1.296	1.248	1.295	1.244	1.280	2.75	
82)	3,3'-Dichlorob...	0.401	0.440	0.429	0.410	0.416	0.404	0.417	3.65		
83)	Chrysene	1.277	1.197	1.254	1.248	1.204	1.228	1.190	1.228	2.67	
84)	Bis(2-ethylhex...	0.713	0.681	0.719	0.732	0.713	0.734	0.703	0.714	2.52	
85) c	Di-n-octyl pht...	1.160	1.266	1.263	1.228	1.303	1.239	1.243	3.90		

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG082825.M

86) I	Perylene-d12	-----ISTD-----									
87)	Indeno(1,2,3-c...	1.314	1.302	1.384	1.399	1.348	1.428	1.386	1.366	3.37	
88)	Benzo(b)fluora...	1.079	1.081	1.145	1.176	1.104	1.164	1.153	1.129	3.56	
89)	Benzo(k)fluora...	1.161	1.127	1.178	1.141	1.131	1.175	1.136	1.150	1.86	
90) C	Benzo(a)pyrene	1.019	0.978	1.076	1.084	1.047	1.091	1.055	1.050	3.83	
91)	Dibenzo(a,h)an...	1.044	1.032	1.114	1.135	1.087	1.144	1.121	1.097	4.01	
92)	Benzo(g,h,i)pe...	1.067	1.029	1.070	1.083	1.042	1.103	1.076	1.067	2.32	

(#) = Out of Range

2,4-Dinitrophenol



Response = $2.060 \times 10^{-1} \times \text{Amt} - 5.822 \times 10^{-2}$
 Coef of Det (r^2) = 0.999123 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG082825.M
 Calibration Table Last Updated: Thu Aug 28 17:41:58 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064218.D
 Acq On : 28 Aug 2025 10:51
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Quant Time: Aug 28 18:39:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

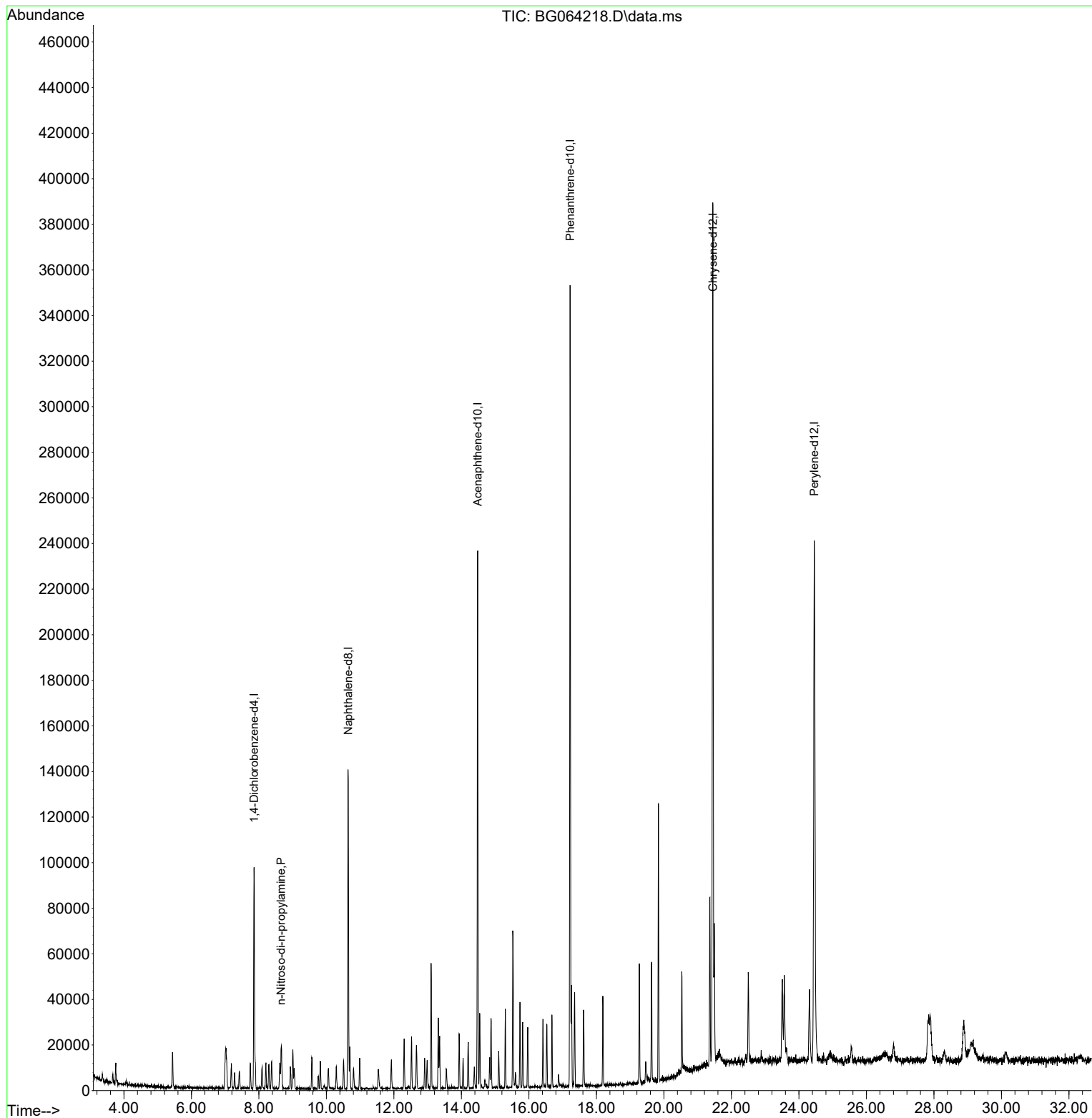
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	23937	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	108069	20.000	ng	0.00
39) Acenaphthene-d10	14.482	164	80336	20.000	ng	0.00
64) Phenanthrene-d10	17.220	188	205650	20.000	ng	0.00
76) Chrysene-d12	21.450	240	221496	20.000	ng	0.00
86) Perylene-d12	24.453	264	230662	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...	8.654	70	3017	2.151	ng	Qvalue # 73

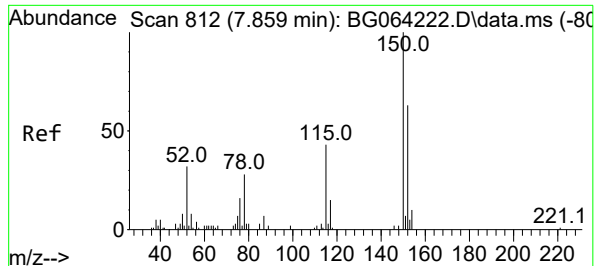
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064218.D
Acq On : 28 Aug 2025 10:51
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 28 18:39:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

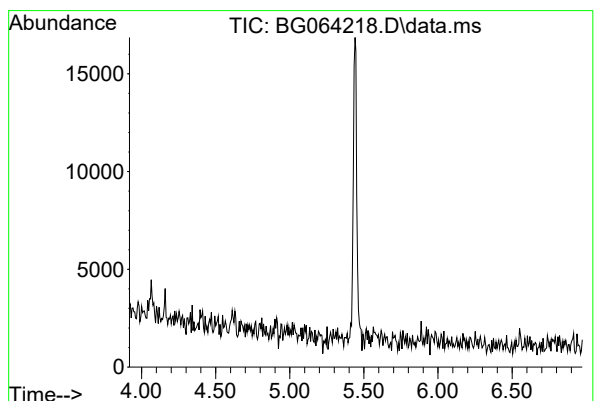
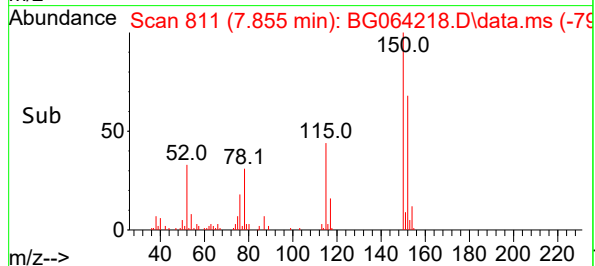
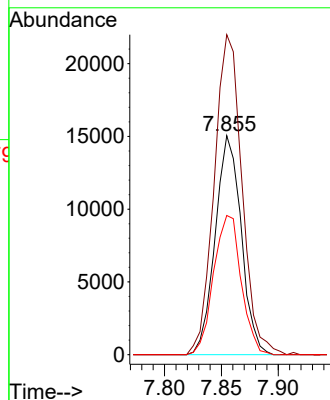
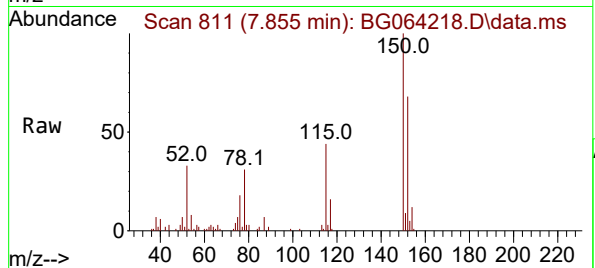




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.855 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

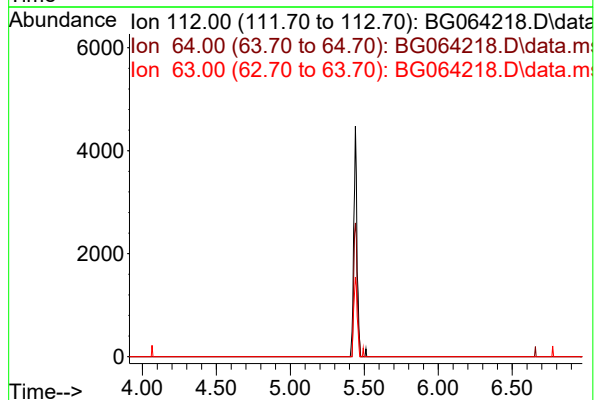
Tgt Ion:152 Resp: 23937
Ion Ratio Lower Upper
152 100
150 146.1 128.0 192.0
115 63.6 55.7 83.5



#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.44 min

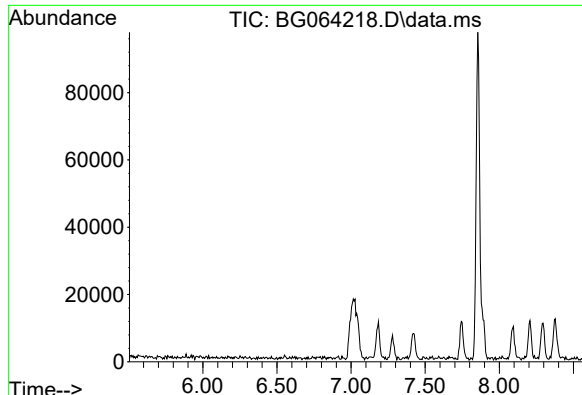
Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Tgt Ion: 112
Sig Exp Ratio
112 100
64 64.7
63 38.2



Ion 64.00 (63.70 to 64.70): BG064218.D\data.ms

Ion 63.00 (62.70 to 63.70): BG064218.D\data.ms



#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.03 min

Lab File: BG064218.D

Acq: 28 Aug 2025 10:51

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

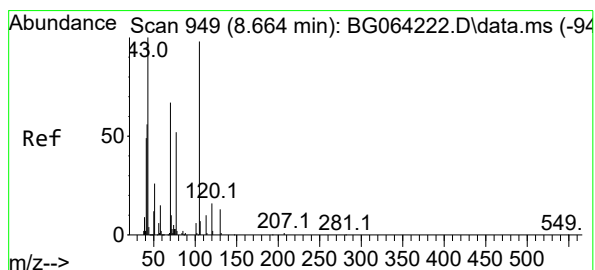
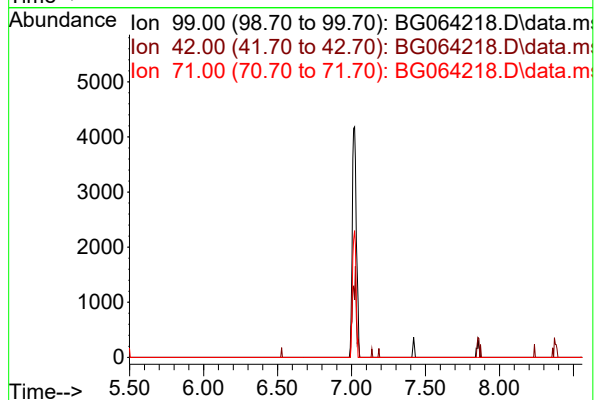
Tgt Ion: 99

Sig Exp Ratio

99 100

42 32.3

71 44.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.151 ng

RT: 8.654 min Scan# 947

Delta R.T. -0.010 min

Lab File: BG064218.D

Acq: 28 Aug 2025 10:51

Tgt Ion: 70 Resp: 3017

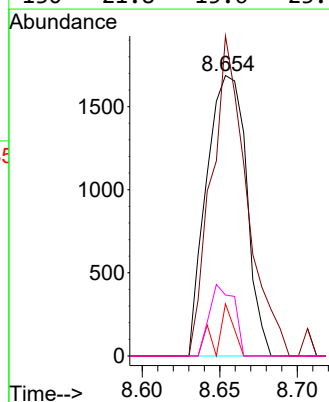
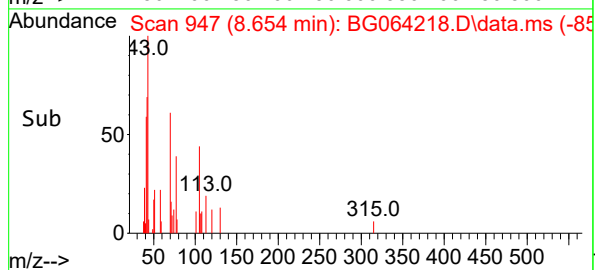
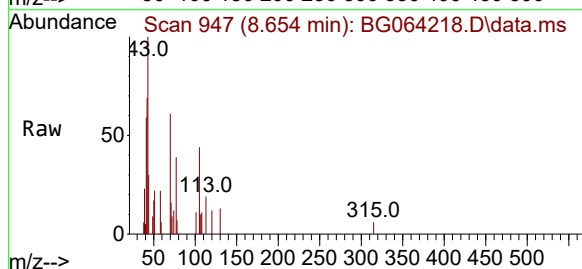
Ion Ratio Lower Upper

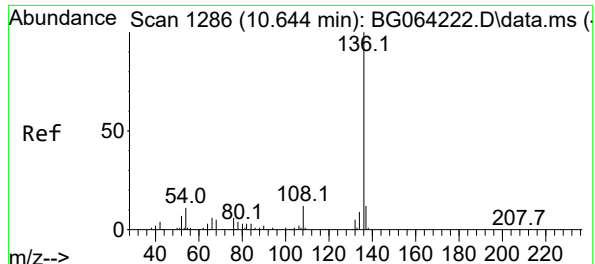
70 100

42 114.1 67.9 101.9#

101 18.6 7.3 10.9#

130 21.8 15.6 23.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.645 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG064218.D

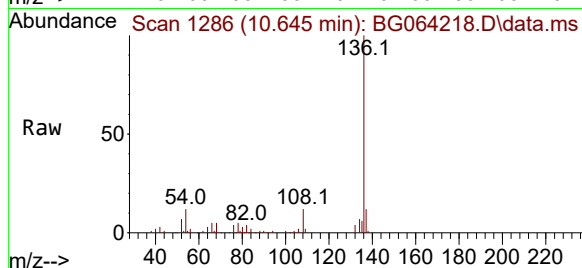
Acq: 28 Aug 2025 10:51

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 108069

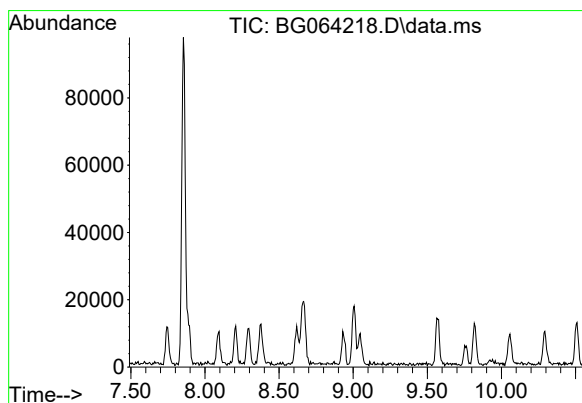
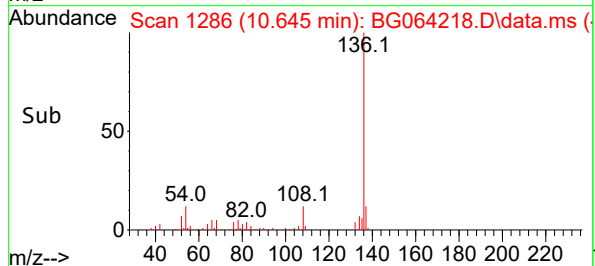
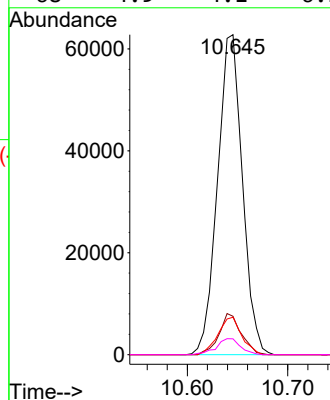
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 11.7 8.8 13.2

68 4.9 4.1 6.1



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 9.02 min

Lab File: BG064218.D

Acq: 28 Aug 2025 10:51

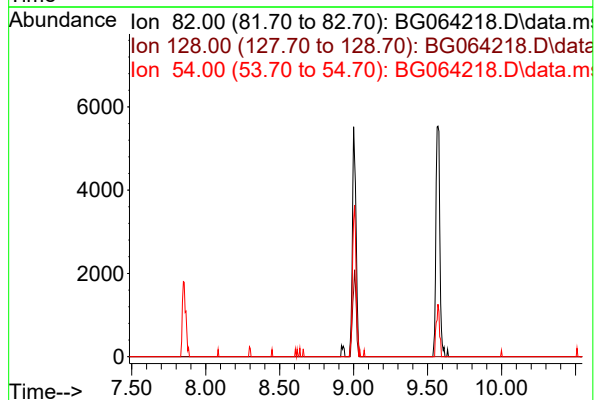
Tgt Ion: 82

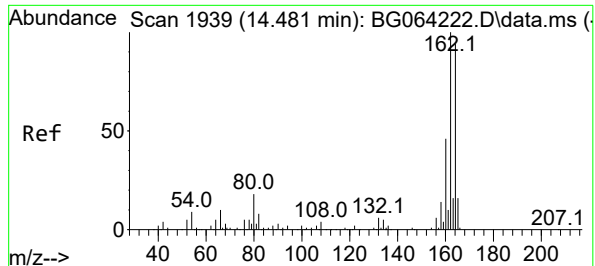
Sig Exp Ratio

82 100

128 40.7

54 68.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.482 min Scan# 1939

Delta R.T. 0.001 min

Lab File: BG064218.D

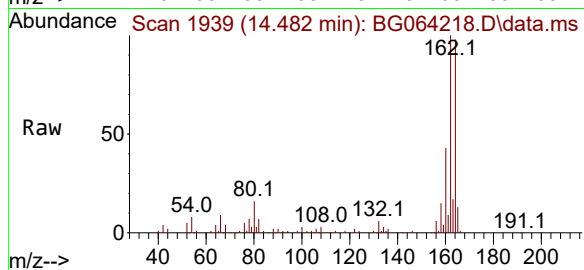
Acq: 28 Aug 2025 10:51

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5



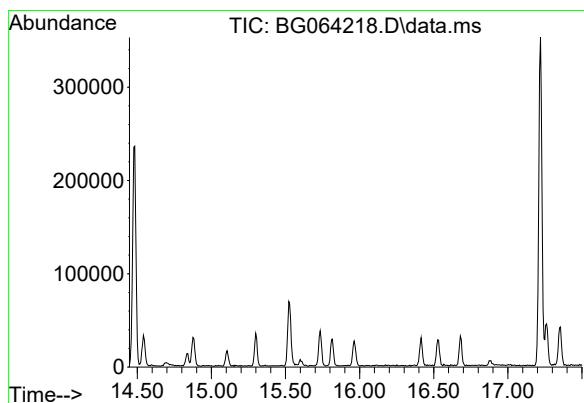
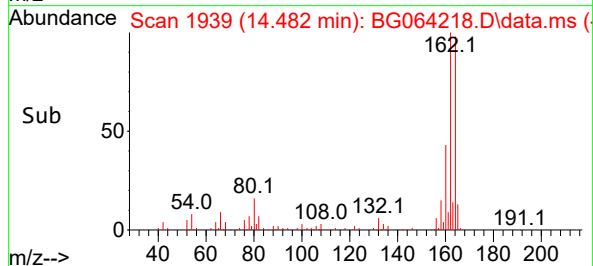
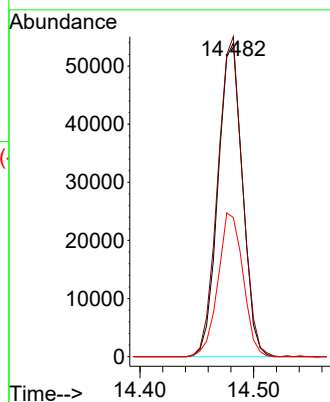
Tgt Ion:164 Resp: 80336

Ion Ratio Lower Upper

164 100

162 102.1 85.4 128.0

160 44.4 39.2 58.8



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.97 min

Lab File: BG064218.D

Acq: 28 Aug 2025 10:51

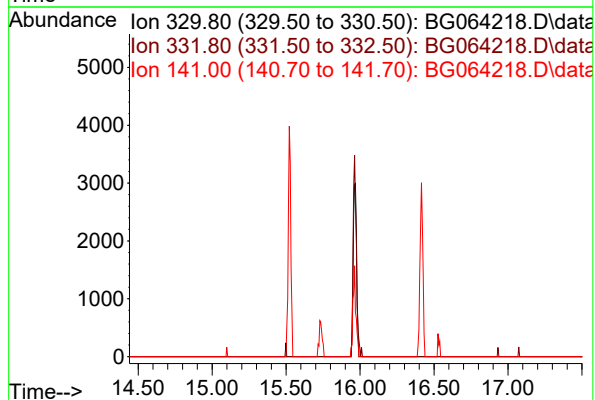
Tgt Ion: 330

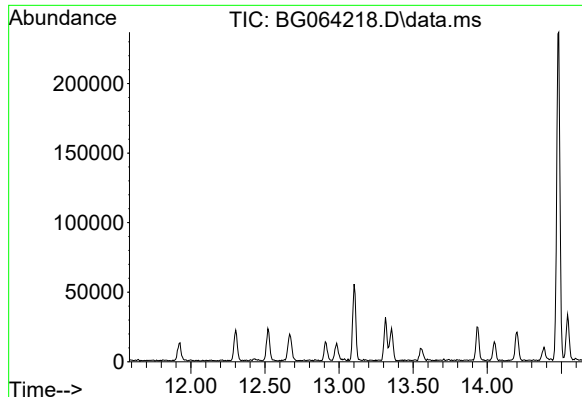
Sig Exp Ratio

330 100

332 97.0

141 37.2

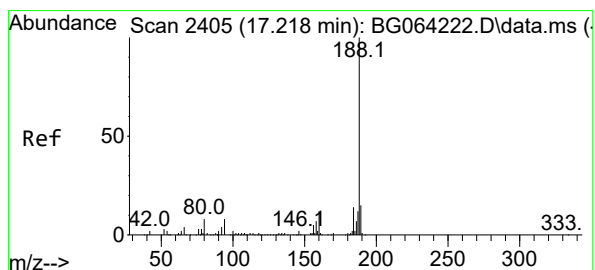
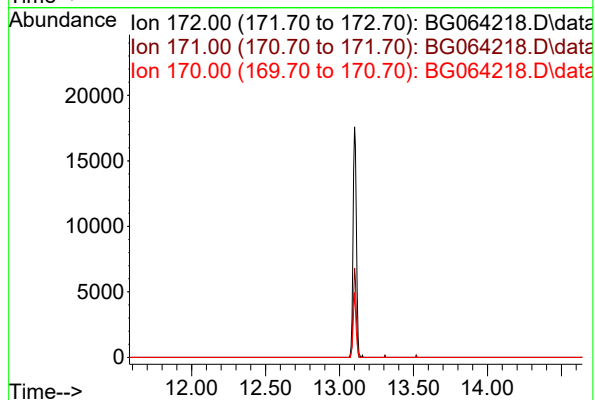




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.11 min
Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

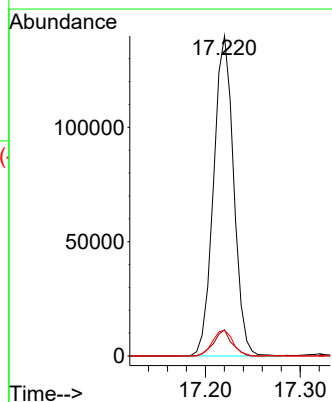
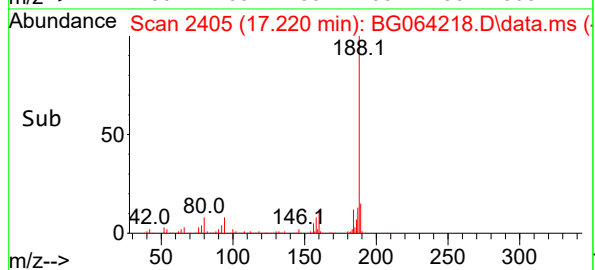
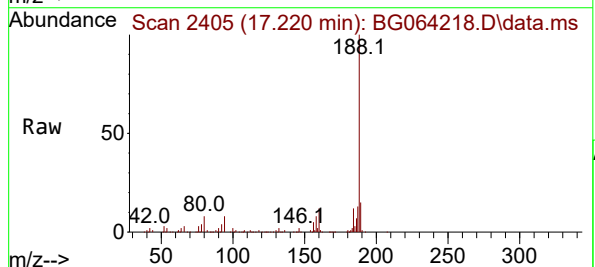
Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

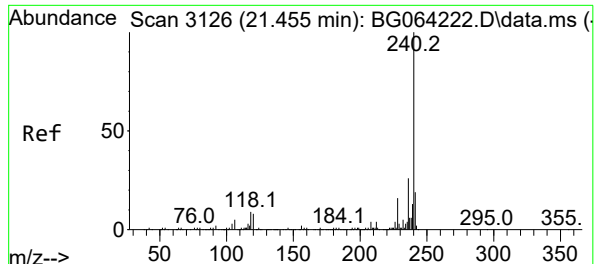
Tgt Ion: 172
Sig Exp Ratio
172 100
171 35.9
170 23.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.220 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Tgt Ion: 188 Resp: 205650
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.4
80 8.0 6.8 10.2

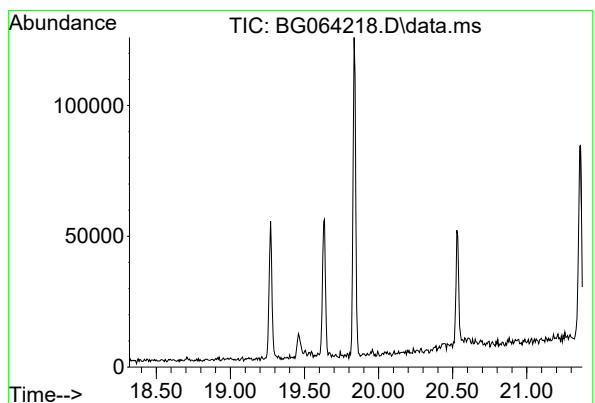
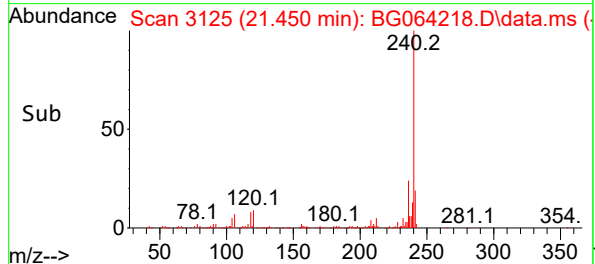
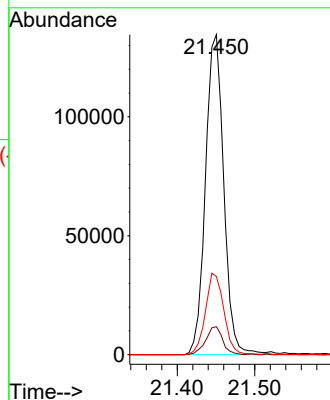
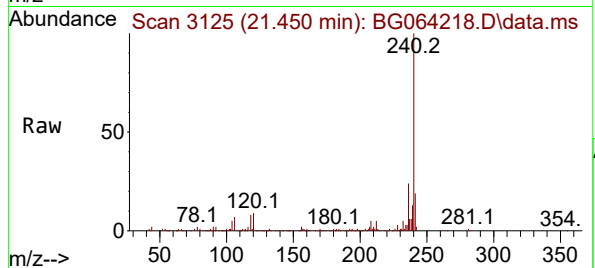




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

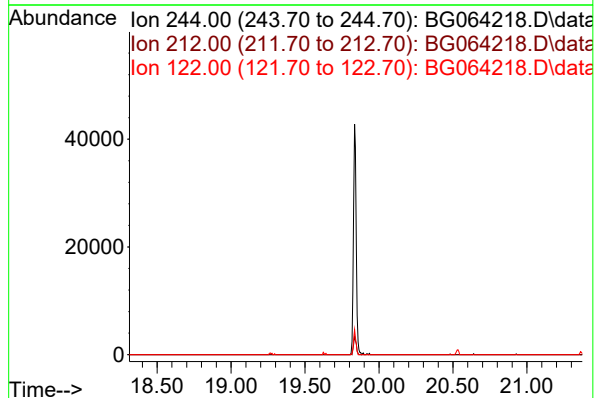
Tgt Ion:240 Resp: 221496
Ion Ratio Lower Upper
240 100
120 8.8 6.2 9.4
236 24.4 20.5 30.7

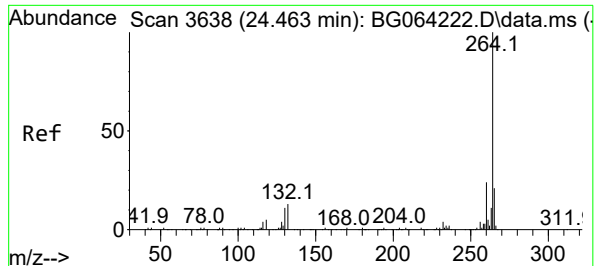


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.85 min

Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Tgt Ion: 244
Sig Exp Ratio
244 100
212 8.3
122 8.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.453 min Scan# 30

Delta R.T. -0.010 min

Lab File: BG064218.D

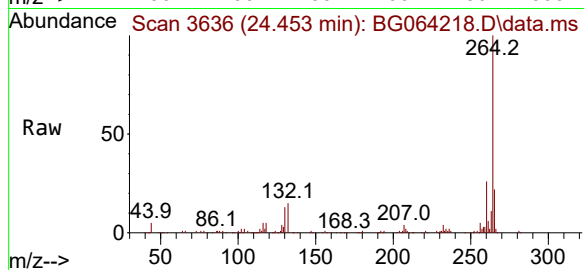
Acq: 28 Aug 2025 10:51

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5



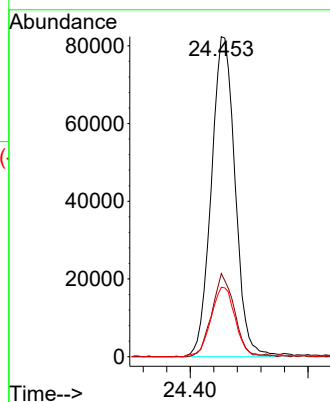
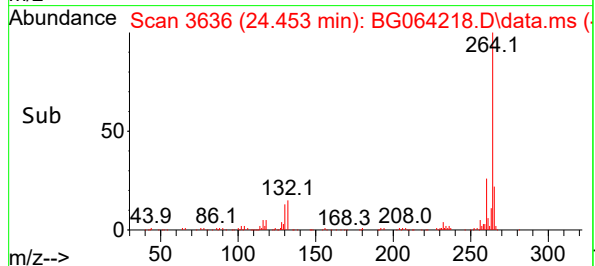
Tgt Ion:264 Resp: 230662

Ion Ratio Lower Upper

264 100

260 25.9 18.9 28.3

265 21.7 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064219.D
 Acq On : 28 Aug 2025 11:32
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:09 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	24098	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	109950	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	78593	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	199845	20.000	ng	0.00
76) Chrysene-d12	21.449	240	219683	20.000	ng	0.00
86) Perylene-d12	24.458	264	241429	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	13573	10.105	ng	0.00
7) Phenol-d6	7.019	99	18310	9.922	ng	-0.01
23) Nitrobenzene-d5	9.005	82	18764	9.518	ng	-0.01
42) 2,4,6-Tribromophenol	15.962	330	11040	10.605	ng	-0.01
45) 2-Fluorobiphenyl	13.106	172	53596	10.409	ng	0.00
79) Terphenyl-d14	19.839	244	110867	10.529	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.365	88	3459	6.178	ng	88
3) Pyridine	3.752	79	8730	5.297	ng	# 58
6) Aniline	7.184	93	12228	4.792	ng	89
8) 2-Chlorophenol	7.419	128	7939	4.837	ng	96
10) Phenol	7.043	94	9580	4.709	ng	97
11) bis(2-Chloroethyl)ether	7.278	93	7421	4.854	ng	88
12) 1,3-Dichlorobenzene	7.742	146	8854m	5.071	ng	
13) 1,4-Dichlorobenzene	7.895	146	9030	5.124	ng	93
14) 1,2-Dichlorobenzene	8.206	146	8131	4.781	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.376	45	17609	5.045	ng	95
17) 2-Methylphenol	8.294	107	7155	4.719	ng	# 91
18) Hexachloroethane	8.935	117	3344	4.861	ng	86
19) n-Nitroso-di-n-propyla...	8.653	70	7001	4.957	ng	# 98
22) Acetophenone	8.670	105	14639	5.263	ng	# 99
24) Nitrobenzene	9.046	77	9728	4.723	ng	98
25) Isophorone	9.569	82	20579	5.023	ng	# 95
26) 2-Nitrophenol	9.757	139	3668	4.121	ng	97
27) 2,4-Dimethylphenol	9.816	122	7568	4.843	ng	96
28) bis(2-Chloroethoxy)met...	10.057	93	10885	4.927	ng	# 88
29) 2,4-Dichlorophenol	10.292	162	7945	4.819	ng	91
30) 1,2,4-Trichlorobenzene	10.509	180	9136	5.255	ng	95
31) Naphthalene	10.691	128	30344	5.322	ng	# 94
33) 4-Chloroaniline	10.797	127	10141	4.589	ng	# 91
34) Hexachlorobutadiene	10.985	225	6663	5.185	ng	95
36) 4-Chloro-3-methylphenol	11.925	107	10455	4.887	ng	95
37) 2-Methylnaphthalene	12.301	142	21107	4.980	ng	87
38) 1-Methylnaphthalene	12.525	142	21661m	5.175	ng	
40) 1,2,4,5-Tetrachloroben...	12.671	216	10879	4.797	ng	97
43) 2,4,6-Trichlorophenol	12.912	196	7156	4.721	ng	87
44) 2,4,5-Trichlorophenol	12.977	196	7600	4.622	ng	84
46) 1,1'-Biphenyl	13.312	154	28672	5.009	ng	94
47) 2-Chloronaphthalene	13.359	162	21411	4.975	ng	100
48) 2-Nitroaniline	13.553	65	5960	4.063	ng	89
49) Acenaphthylene	14.199	152	32547	5.116	ng	99
50) Dimethylphthalate	13.935	163	32855	5.523	ng	98
51) 2,6-Dinitrotoluene	14.052	165	4684	4.067	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064219.D
 Acq On : 28 Aug 2025 11:32
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Manual Integrations**APPROVED**

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.546	154	22964	5.115	ng	94
53) 3-Nitroaniline	14.375	138	5404	4.480	ng #	98
55) Dibenzofuran	14.881	168	37579	5.322	ng	95
57) 2,4-Dinitrotoluene	14.834	165	7779	4.467	ng #	94
58) Fluorene	15.527	166	30779	5.318	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.104	232	7695	4.866	ng #	96
60) Diethylphthalate	15.298	149	35947	5.646	ng	97
61) 4-Chlorophenyl-phenyle...	15.521	204	15345	5.318	ng	93
62) 4-Nitroaniline	15.533	138	5254	4.268	ng #	75
63) Azobenzene	15.815	77	29276	5.159	ng	96
66) n-Nitrosodiphenylamine	15.733	169	27609	5.022	ng	98
67) 4-Bromophenyl-phenylether	16.414	248	9745	4.591	ng	98
68) Hexachlorobenzene	16.526	284	12043	5.109	ng	92
69) Atrazine	16.678	200	12001	5.228	ng	97
71) Phenanthrene	17.260	178	55100	5.227	ng	97
72) Anthracene	17.348	178	56156	5.237	ng	99
73) Carbazole	17.619	167	49241	5.213	ng	98
74) Di-n-butylphthalate	18.188	149	59765	5.267	ng	98
75) Fluoranthene	19.270	202	66964	5.403	ng	99
78) Pyrene	19.634	202	70961	5.127	ng	97
80) Butylbenzylphthalate	20.533	149	24638	4.720	ng	98
81) Benzo(a)anthracene	21.432	228	72646	5.169	ng	96
83) Chrysene	21.490	228	70143	5.199	ng	98
84) Bis(2-ethylhexyl)phtha...	21.361	149	39184	5.000	ng	94
87) Indeno(1,2,3-cd)pyrene	27.836	276	79337	4.812	ng	92
88) Benzo(b)fluoranthene	23.506	252	65111	4.778	ng	99
89) Benzo(k)fluoranthene	23.570	252	70084	5.049	ng	98
90) Benzo(a)pyrene	24.311	252	61491	4.851	ng #	95
91) Dibenzo(a,h)anthracene	27.895	278	63017	4.760	ng #	96
92) Benzo(g,h,i)perylene	28.888	276	64396	4.999	ng #	96

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

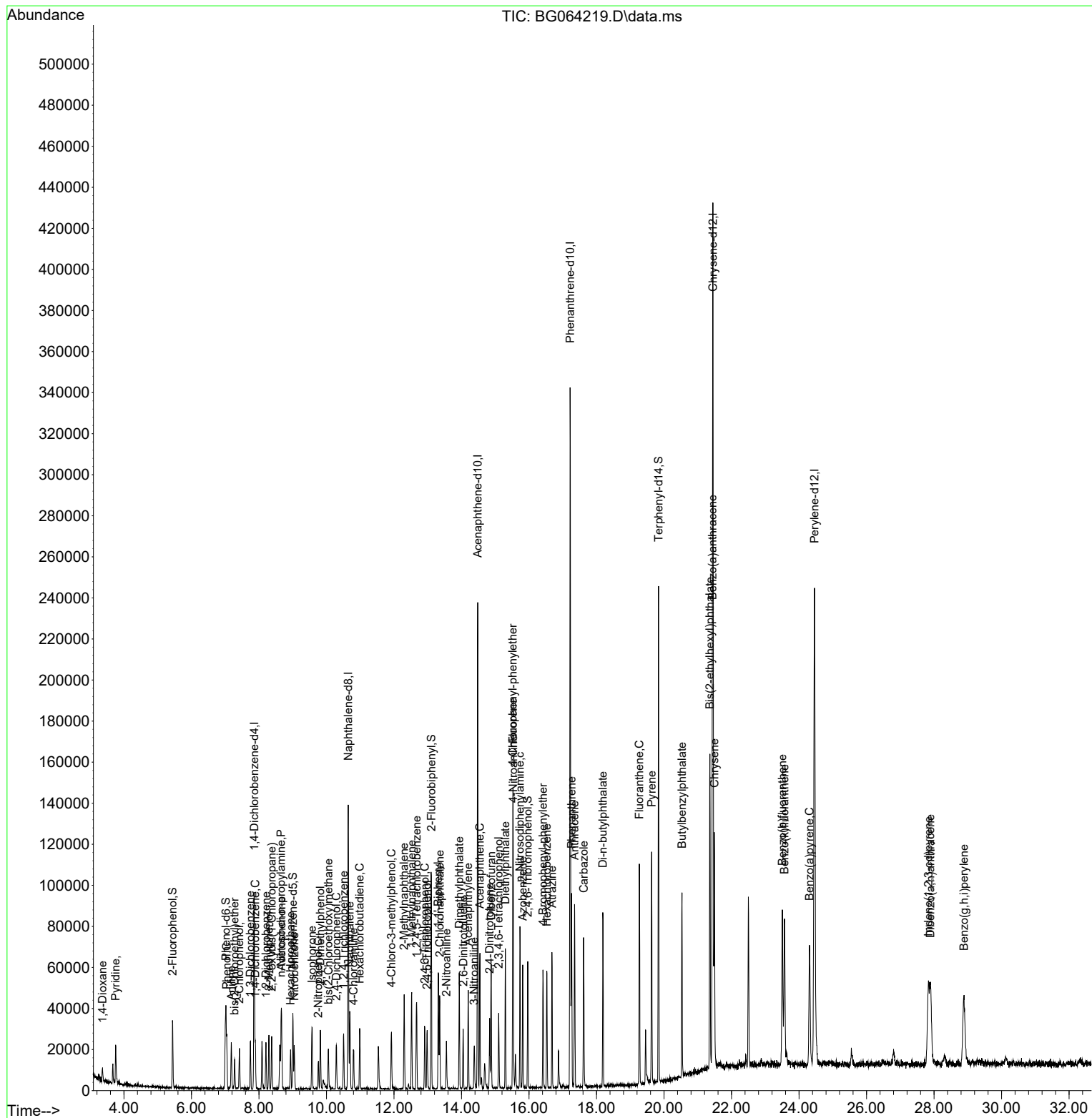
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Data File : BG064219.D
Acq On : 28 Aug 2025 11:32
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

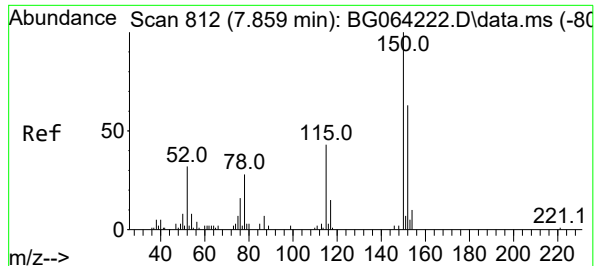
Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jaagrut Upadhyay 08/29/2025

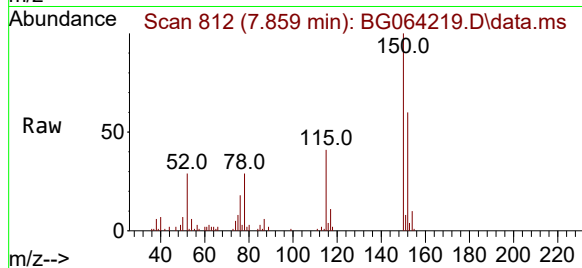
Quant Time: Aug 28 18:40:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 812
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

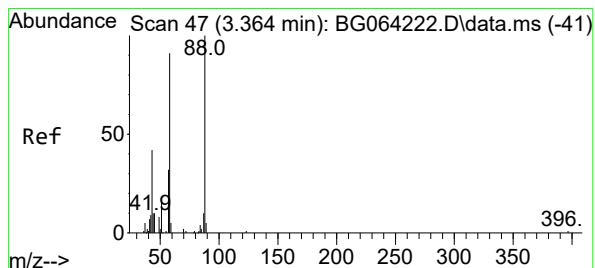
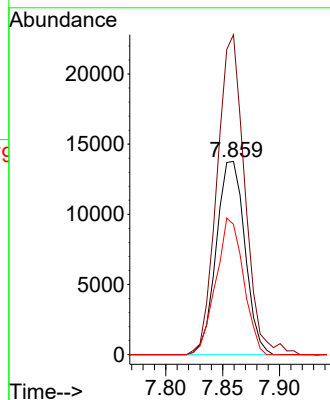
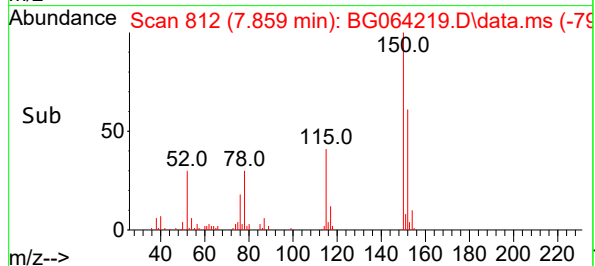
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:152 Resp: 24098
Ion Ratio Lower Upper
152 100
150 165.6 128.0 192.0
115 67.5 55.7 83.5

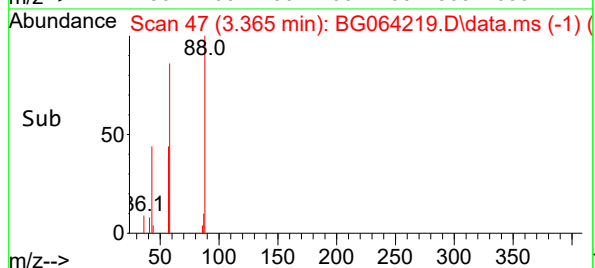
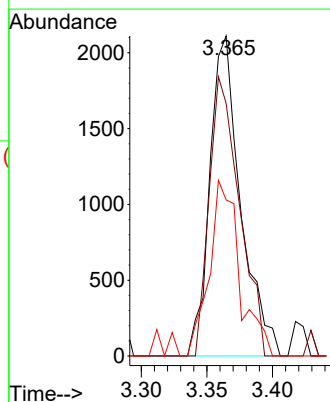
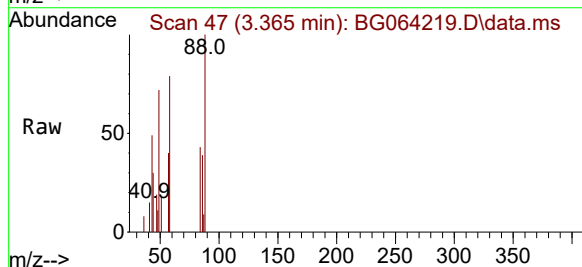
Manual Integrations
APPROVED

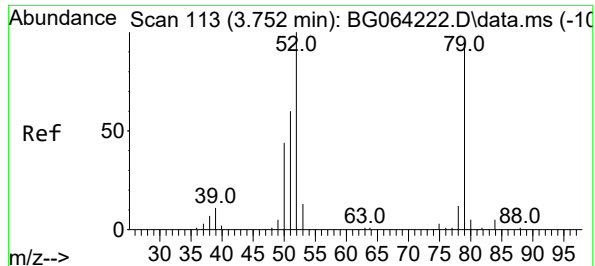
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#2
1,4-Dioxane
Concen: 6.178 ng
RT: 3.365 min Scan# 47
Delta R.T. 0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

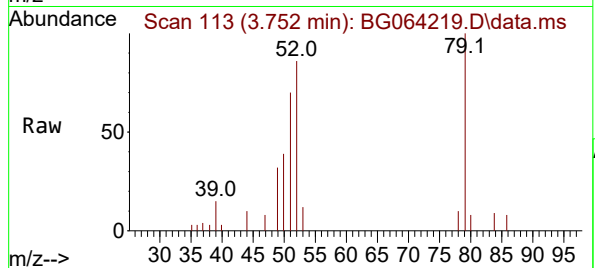
Tgt Ion: 88 Resp: 3459
Ion Ratio Lower Upper
88 100
58 85.5 80.8 121.2
43 53.5 40.3 60.5





#3
Pyridine
Concen: 5.297 ng
RT: 3.752 min Scan# 113
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

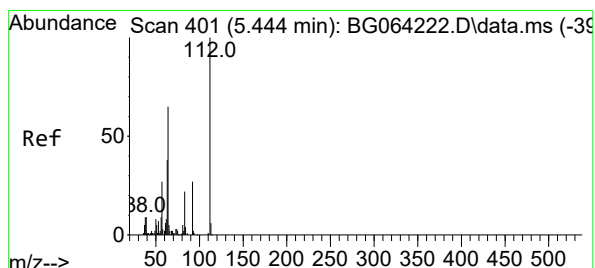
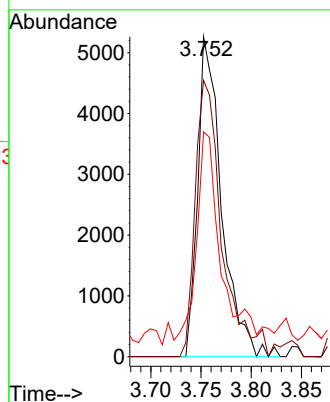
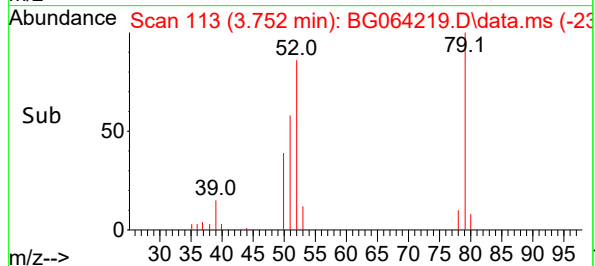
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion: 79 Resp: 8730
Ion Ratio Lower Upper
79 100
52 86.3 86.6 129.8
51 70.3 114.1 171.1

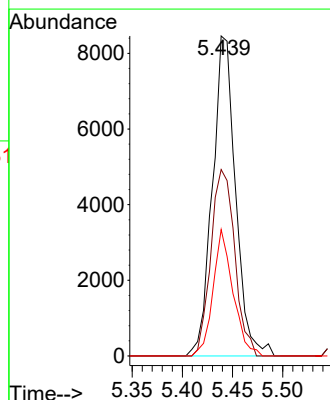
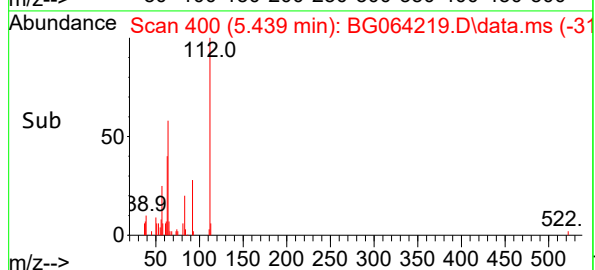
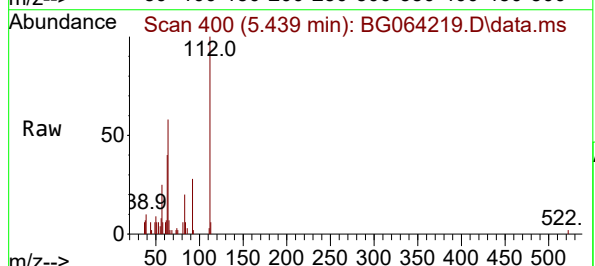
Manual Integrations
APPROVED

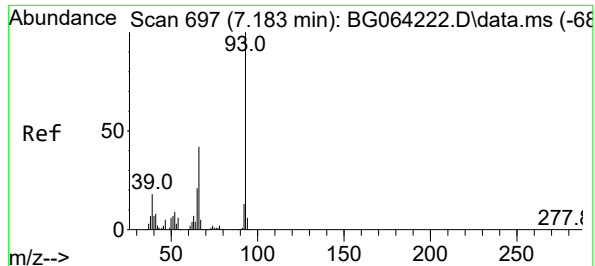
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#5
2-Fluorophenol
Concen: 10.105 ng
RT: 5.439 min Scan# 400
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:112 Resp: 13573
Ion Ratio Lower Upper
112 100
64 58.3 51.8 77.6
63 39.5 30.6 45.8





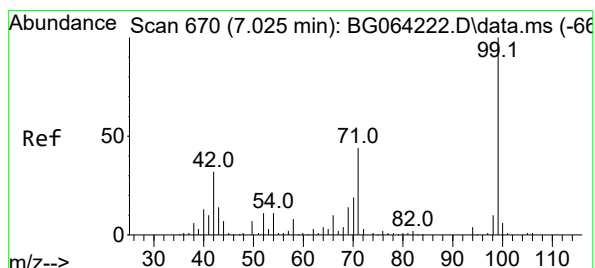
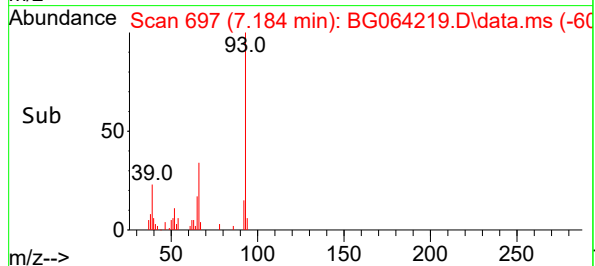
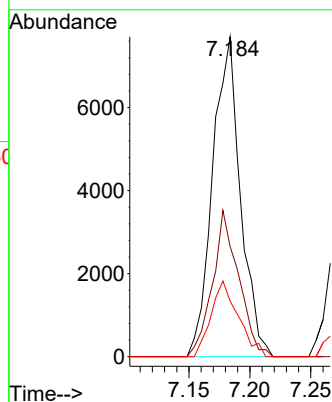
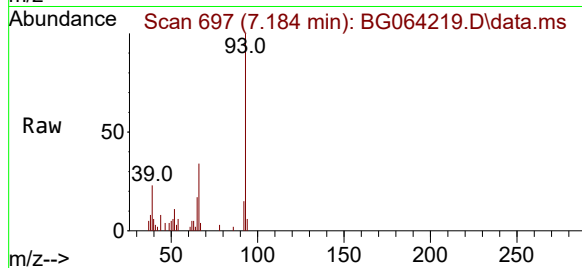
#6
Aniline
Concen: 4.792 ng
RT: 7.184 min Scan# 697
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 12228
Ion Ratio Lower Upper
93 100
66 34.5 33.8 50.8
65 17.4 16.9 25.3

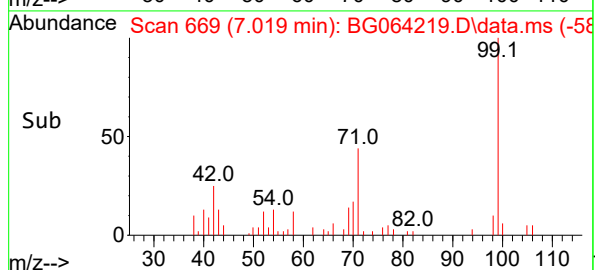
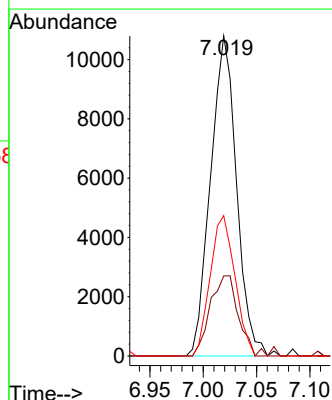
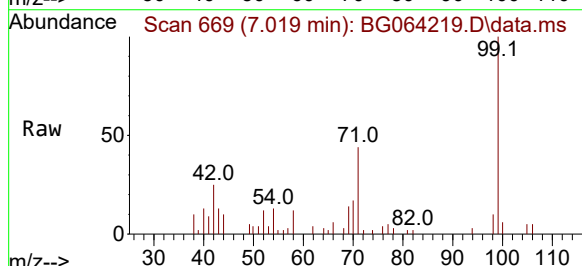
Manual Integrations
APPROVED

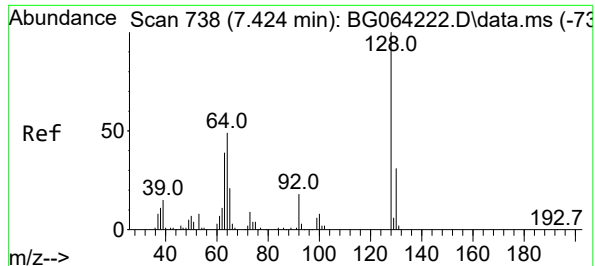
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#7
Phenol-d6
Concen: 9.922 ng
RT: 7.019 min Scan# 669
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 99 Resp: 18310
Ion Ratio Lower Upper
99 100
42 25.0 25.8 38.8#
71 43.9 35.2 52.8





#8

2-Chlorophenol

Concen: 4.837 ng

RT: 7.419 min Scan# 71

Delta R.T. -0.006 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

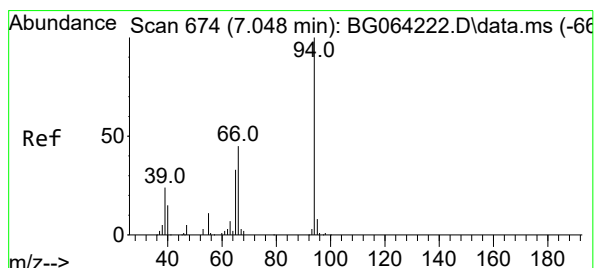
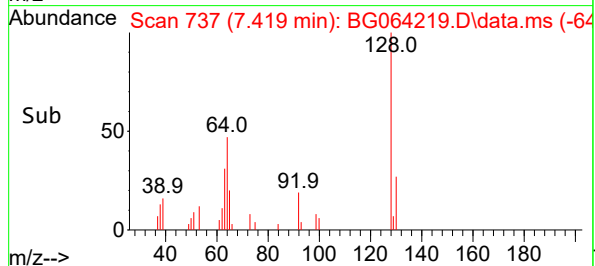
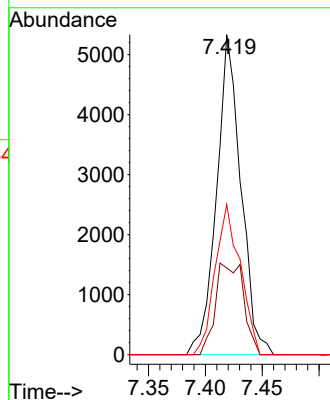
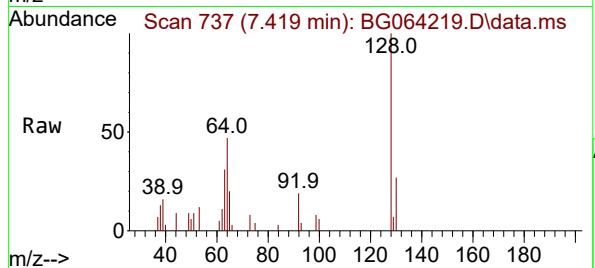
Tgt Ion:	128	Resp:	7939
Ion	Ratio	Lower	Upper
128	100		
130	27.1	10.9	50.9
64	46.9	28.7	68.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#10

Phenol

Concen: 4.709 ng

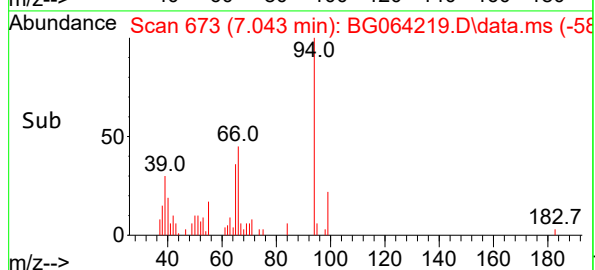
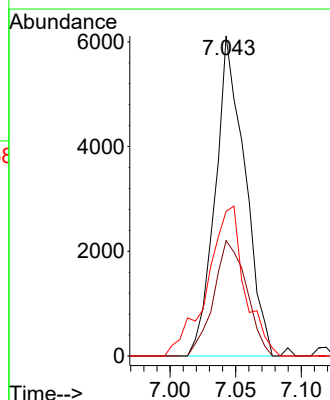
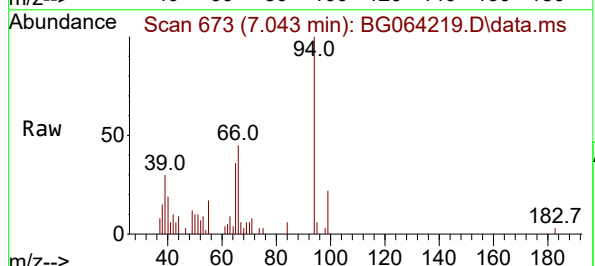
RT: 7.043 min Scan# 673

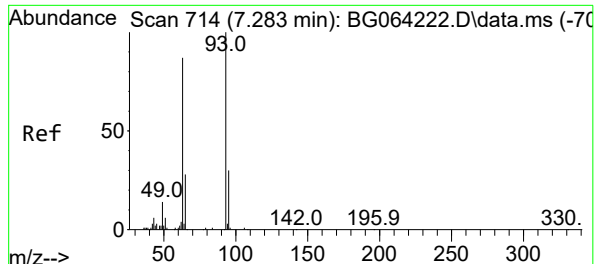
Delta R.T. -0.011 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Tgt Ion:	94	Resp:	9580
Ion	Ratio	Lower	Upper
94	100		
65	36.0	13.5	53.5
66	45.2	26.2	66.2





#11

bis(2-Chloroethyl)ether

Concen: 4.854 ng

RT: 7.278 min Scan# 714

Delta R.T. -0.006 min

Lab File: BG064219.D

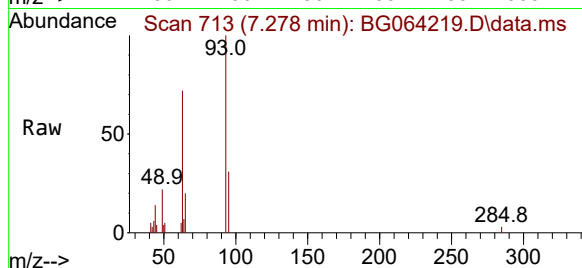
Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



Tgt Ion: 93 Resp: 742

Ion Ratio Lower Upper

93 100

63 71.9 66.2 106.2

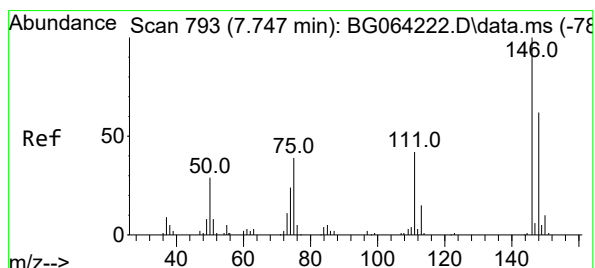
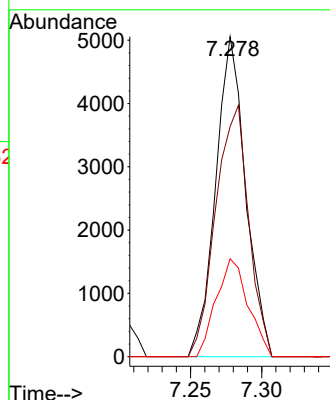
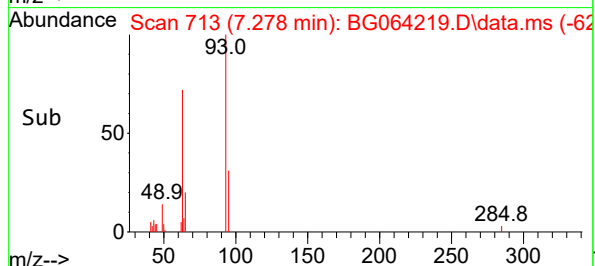
95 30.6 9.8 49.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#12

1,3-Dichlorobenzene

Concen: 5.071 ng m

RT: 7.742 min Scan# 792

Delta R.T. -0.006 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

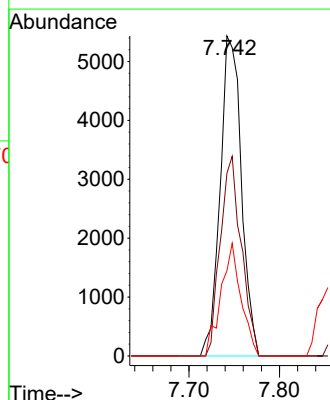
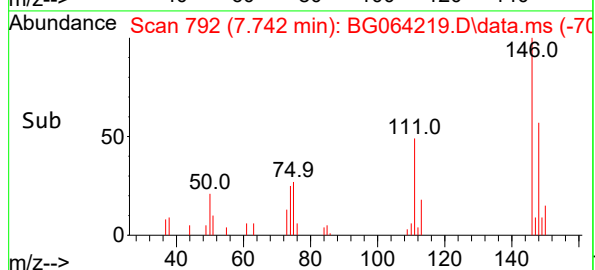
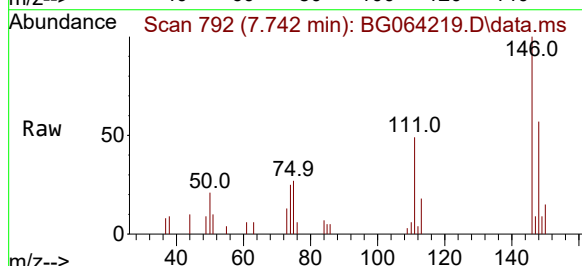
Tgt Ion:146 Resp: 8854

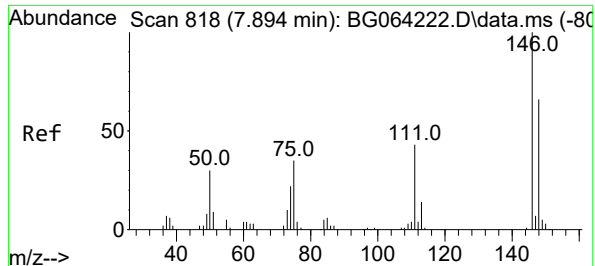
Ion Ratio Lower Upper

146 100

148 57.1 49.6 74.4

75 26.6 31.0 46.6#





#13

1,4-Dichlorobenzene

Concen: 5.124 ng

RT: 7.895 min Scan# 818

Delta R.T. 0.000 min

Lab File: BG064219.D

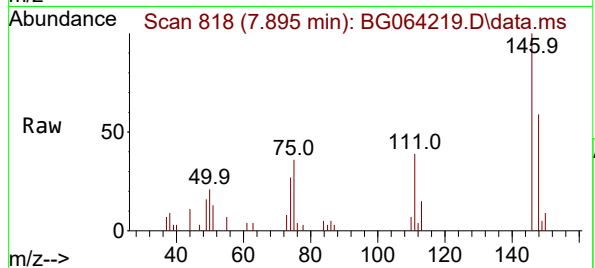
Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



Tgt Ion:146 Resp: 9030

Ion Ratio Lower Upper

146 100

148 59.0 52.8 79.2

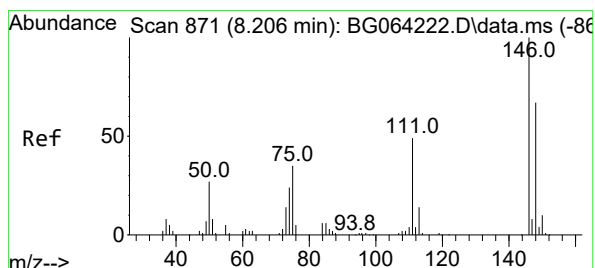
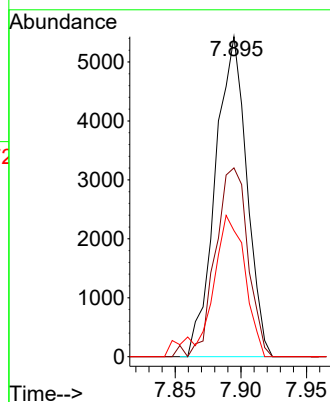
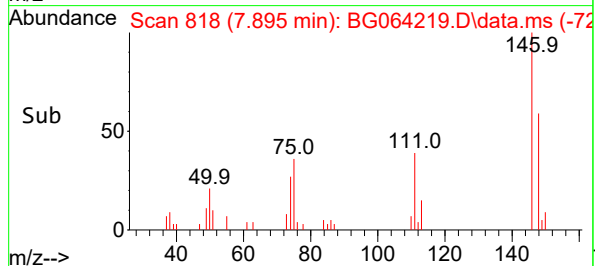
111 39.4 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#14

1,2-Dichlorobenzene

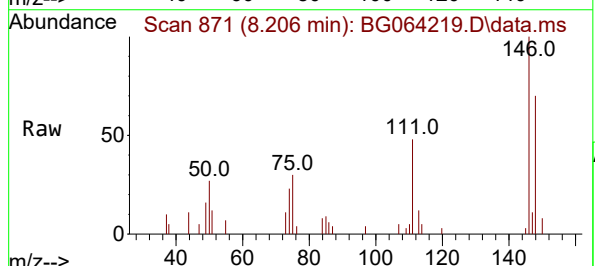
Concen: 4.781 ng

RT: 8.206 min Scan# 871

Delta R.T. -0.006 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32



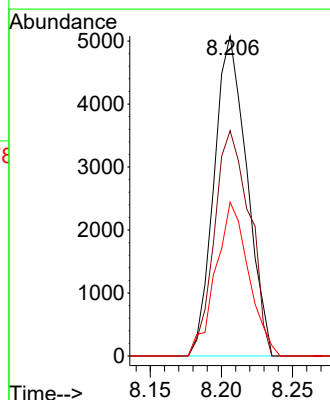
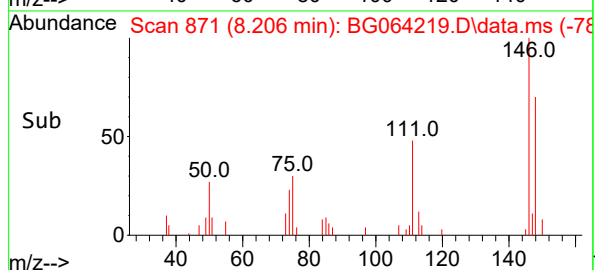
Tgt Ion:146 Resp: 8131

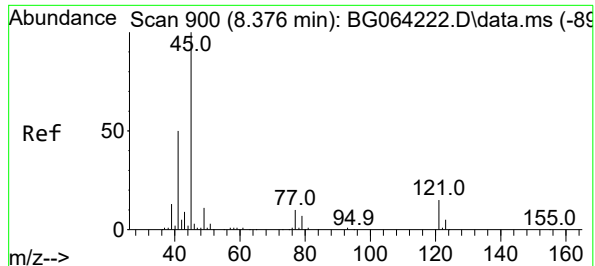
Ion Ratio Lower Upper

146 100

148 70.4 53.4 80.0

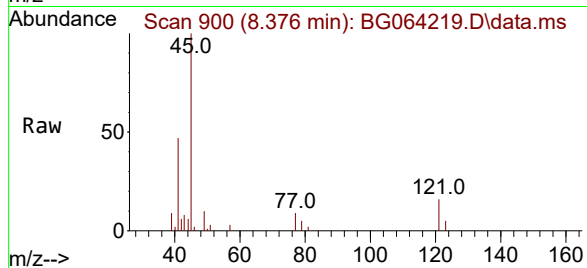
111 48.1 39.1 58.7





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.045 ng
RT: 8.376 min Scan# 900
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

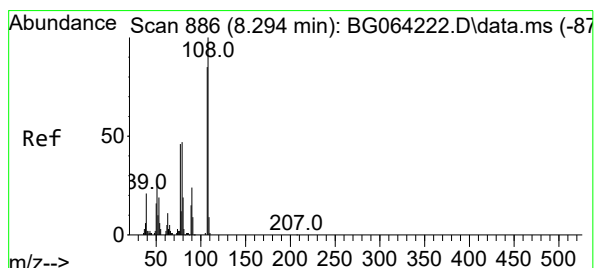
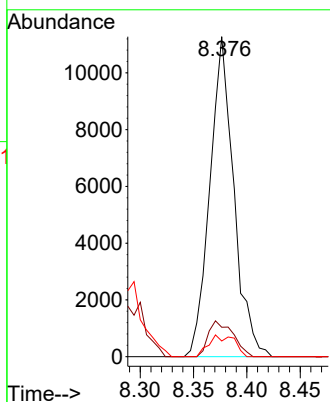
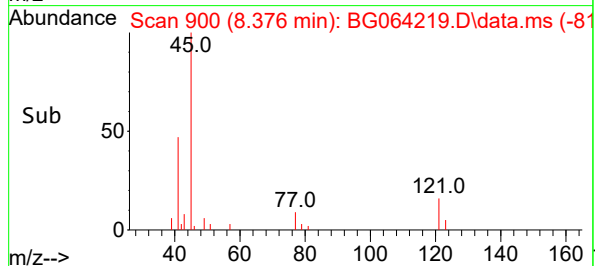
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion: 45 Resp: 17609
Ion Ratio Lower Upper
45 100
77 9.2 0.0 30.0
79 4.9 0.0 27.9

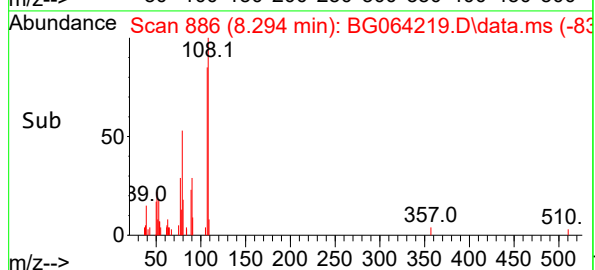
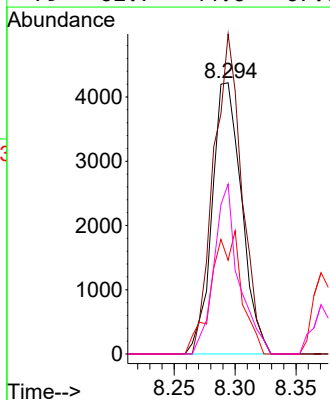
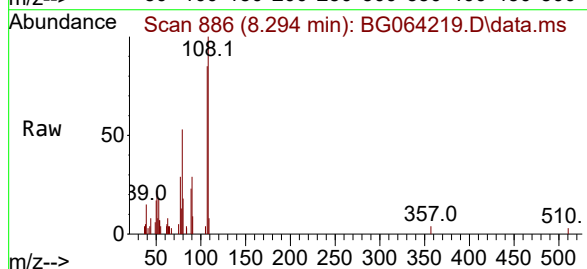
Manual Integrations
APPROVED

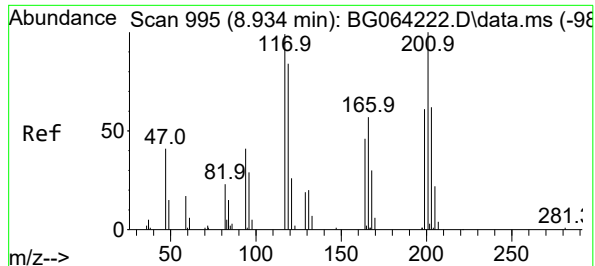
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#17
2-Methylphenol
Concen: 4.719 ng
RT: 8.294 min Scan# 886
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

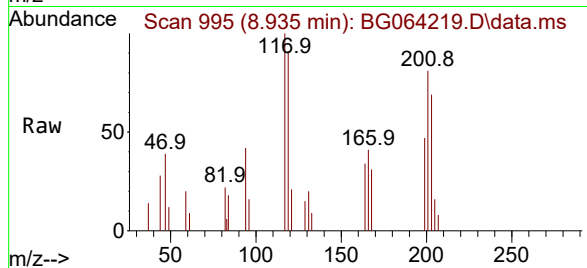
Tgt Ion:107 Resp: 7155
Ion Ratio Lower Upper
107 100
108 118.0 94.6 141.8
77 34.6 43.7 65.5#
79 62.7 44.6 67.0





#18
Hexachloroethane
Concen: 4.861 ng
RT: 8.935 min Scan# 995
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

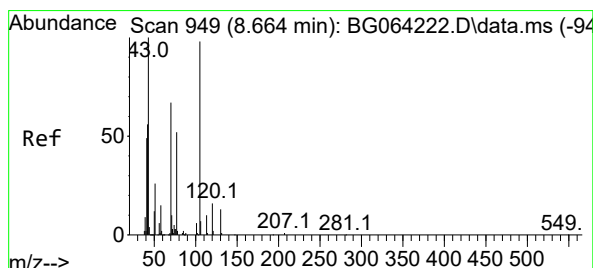
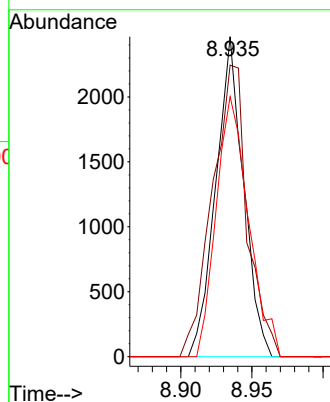
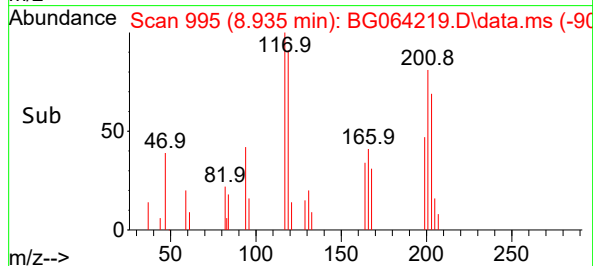
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:117 Resp: 334
Ion Ratio Lower Upper
117 100
119 91.1 67.9 101.9
201 81.3 80.5 120.7

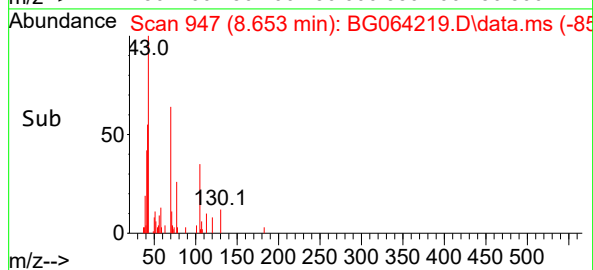
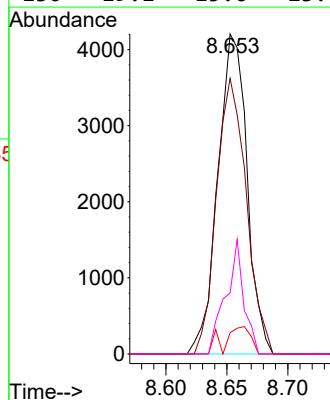
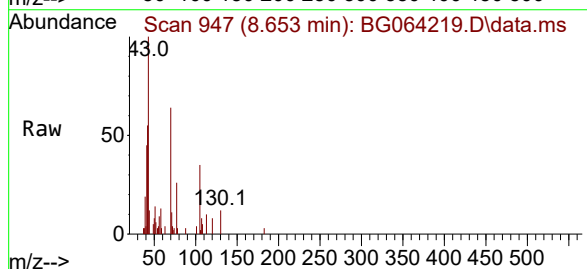
Manual Integrations
APPROVED

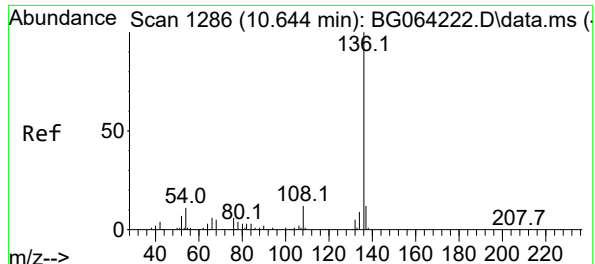
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#19
n-Nitroso-di-n-propylamine
Concen: 4.957 ng
RT: 8.653 min Scan# 947
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

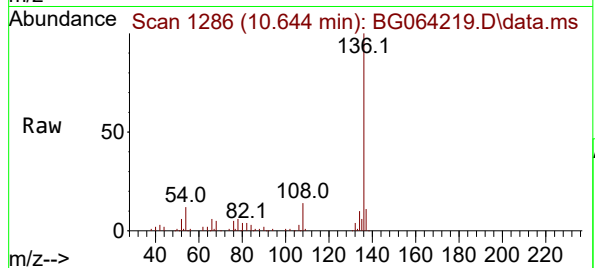
Tgt Ion: 70 Resp: 7001
Ion Ratio Lower Upper
70 100
42 86.1 67.9 101.9
101 6.7 7.3 10.9#
130 19.1 15.6 23.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

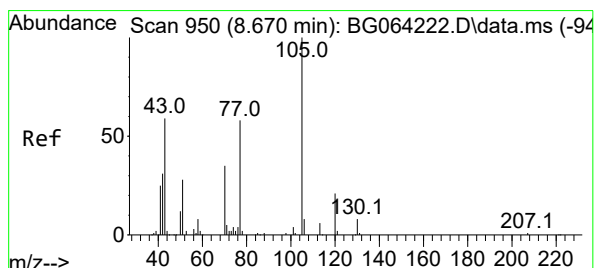
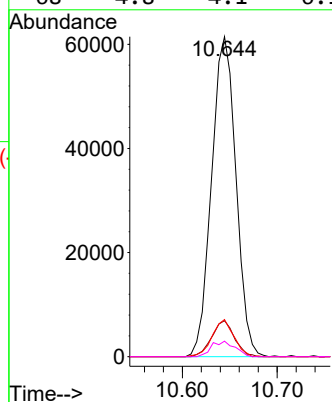
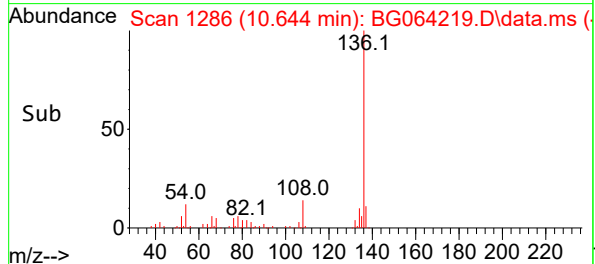
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:136 Resp: 109950
Ion Ratio Lower Upper
136 100
137 11.2 9.6 14.4
54 11.6 8.8 13.2
68 4.8 4.1 6.1

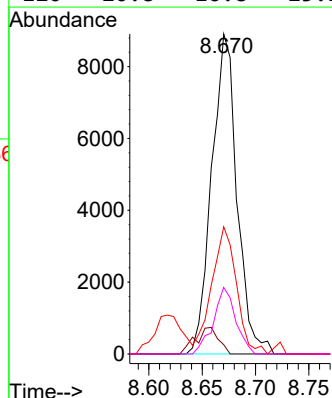
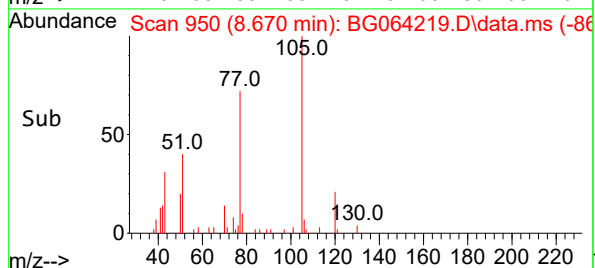
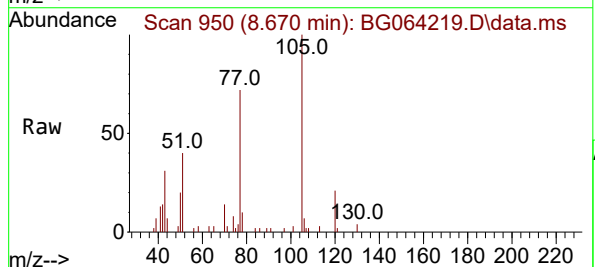
Manual Integrations
APPROVED

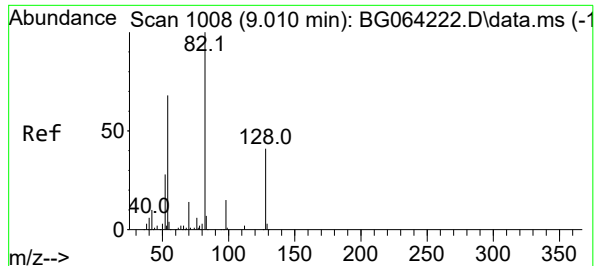
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#22
Acetophenone
Concen: 5.263 ng
RT: 8.670 min Scan# 950
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:105 Resp: 14639
Ion Ratio Lower Upper
105 100
71 2.9 4.3 6.5#
51 39.7 32.4 48.6
120 20.8 16.8 25.2





#23

Nitrobenzene-d5

Concen: 9.518 ng

RT: 9.005 min Scan# 1007

Delta R.T. -0.011 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion: 82 Resp: 18764

Ion Ratio Lower Upper

82 100

128 38.5 32.6 48.8

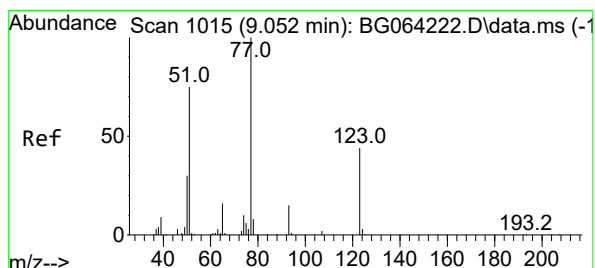
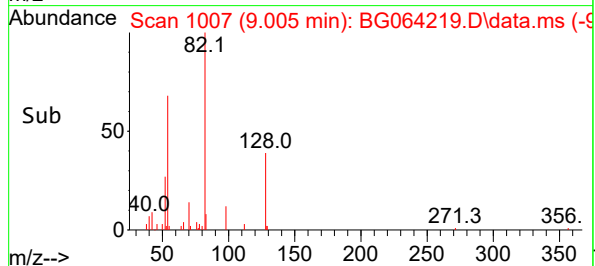
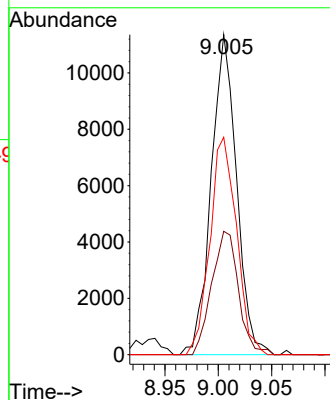
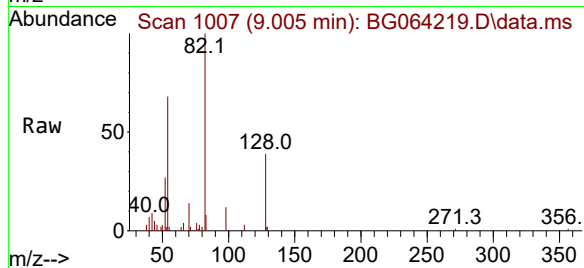
54 67.9 54.7 82.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#24

Nitrobenzene

Concen: 4.723 ng

RT: 9.046 min Scan# 1014

Delta R.T. -0.011 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

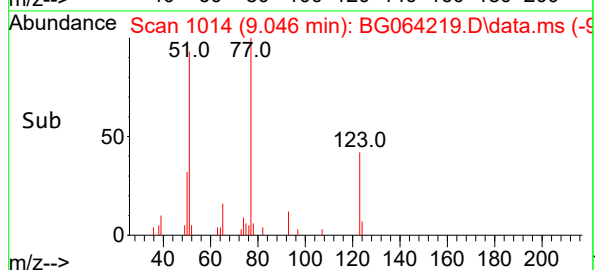
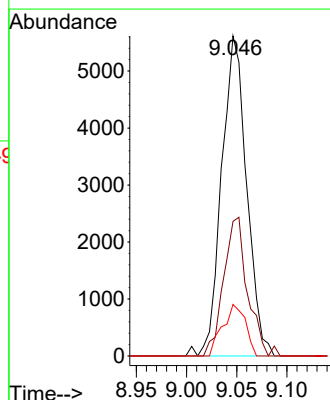
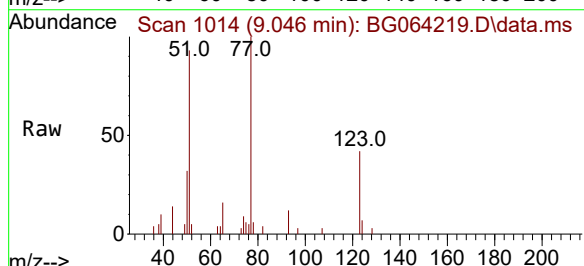
Tgt Ion: 77 Resp: 9728

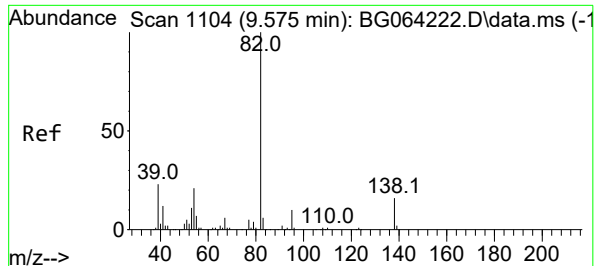
Ion Ratio Lower Upper

77 100

123 42.1 35.2 52.8

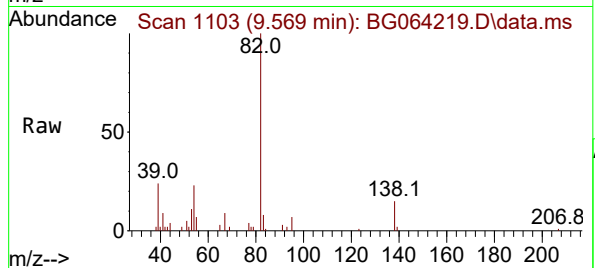
65 16.1 12.6 19.0





#25
Isophorone
Concen: 5.023 ng
RT: 9.569 min Scan# 1103
Delta R.T. -0.017 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

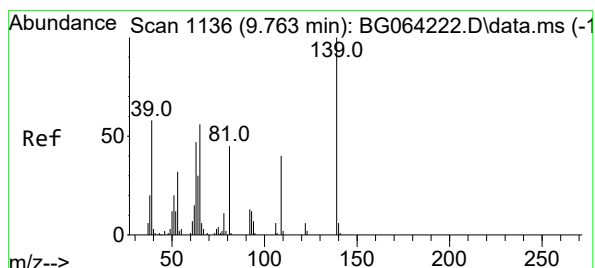
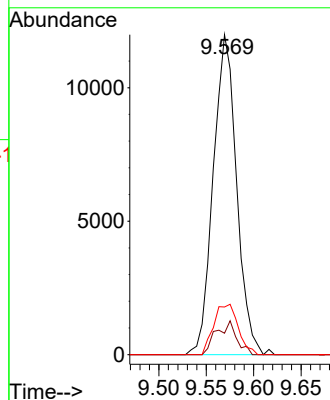
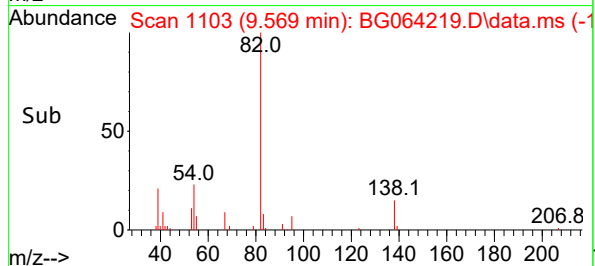
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion: 82 Resp: 20579
Ion Ratio Lower Upper
82 100
95 6.7 7.9 11.9
138 14.9 13.0 19.4

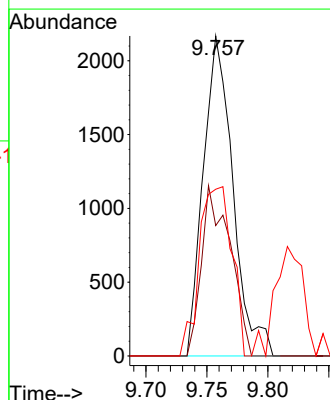
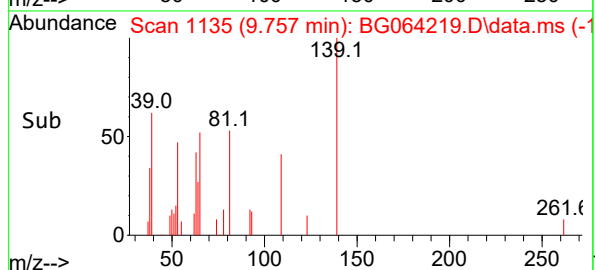
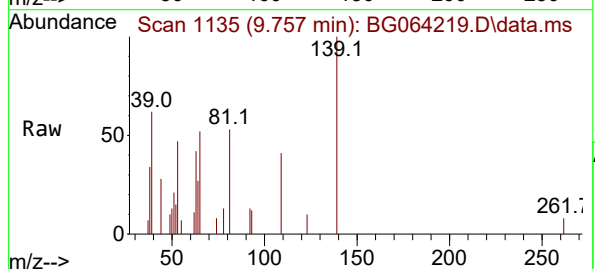
Manual Integrations
APPROVED

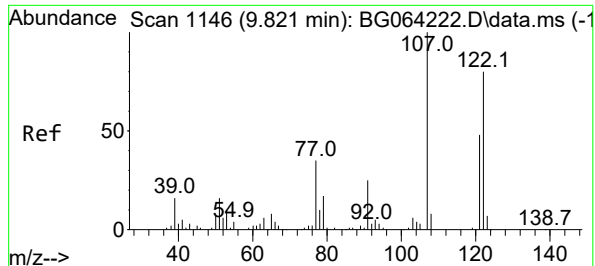
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#26
2-Nitrophenol
Concen: 4.121 ng
RT: 9.757 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:139 Resp: 3668
Ion Ratio Lower Upper
139 100
109 40.8 32.4 48.6
65 52.1 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 4.843 ng

RT: 9.816 min Scan# 1146

Delta R.T. -0.011 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

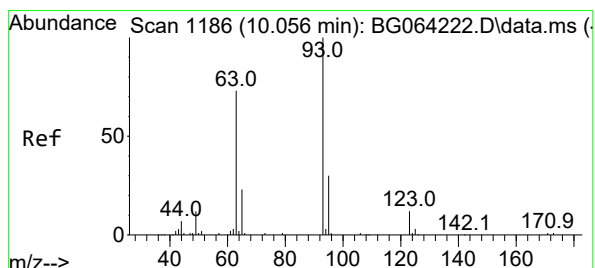
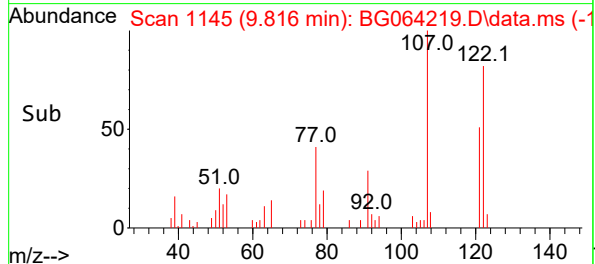
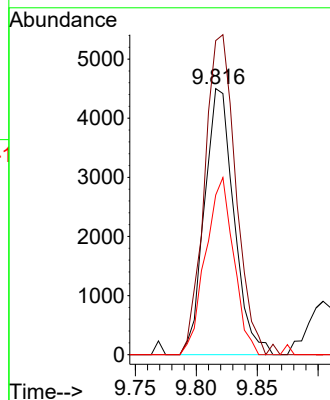
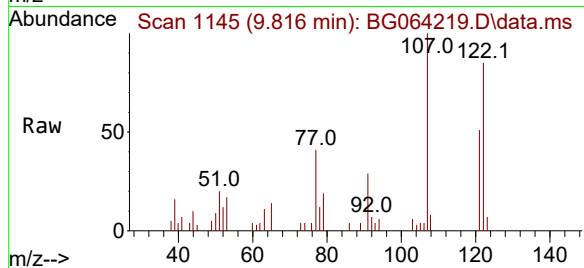
Tgt Ion:122	Resp:	7568
Ion	Ratio	Lower Upper
122	100	
107	118.0	99.9 149.9
121	60.0	48.6 72.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#28

bis(2-Chloroethoxy)methane

Concen: 4.927 ng

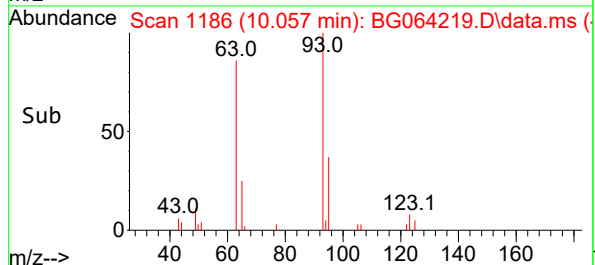
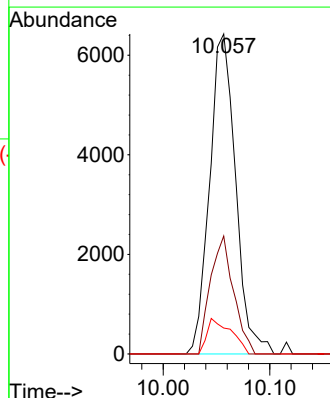
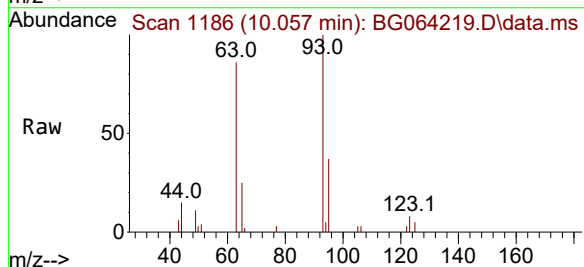
RT: 10.057 min Scan# 1186

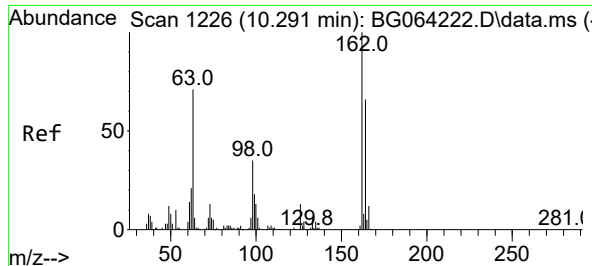
Delta R.T. -0.006 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Tgt Ion: 93	Resp:	10885
Ion	Ratio	Lower Upper
93	100	
95	36.8	23.9 35.9#
123	8.1	9.6 14.4#





#29

2,4-Dichlorophenol

Concen: 4.819 ng

RT: 10.292 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BG064219.D

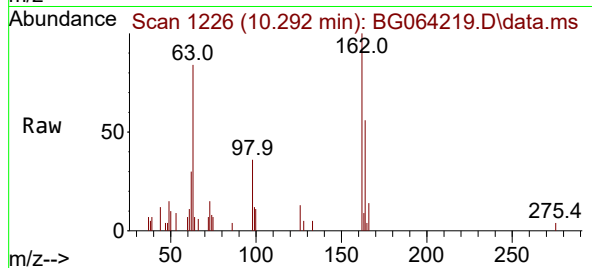
Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



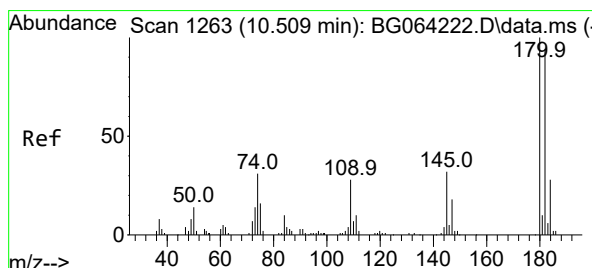
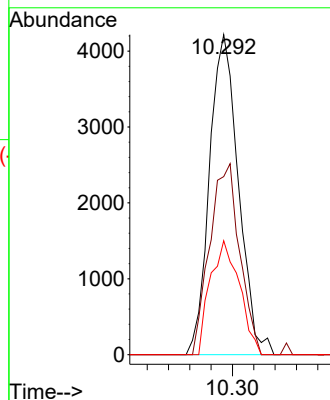
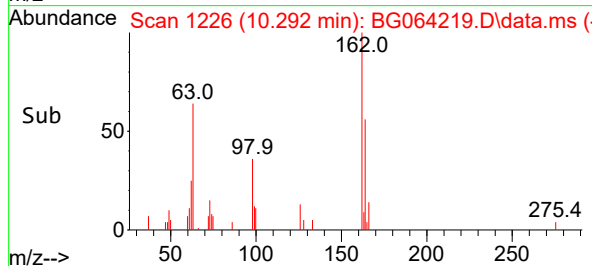
Tgt Ion:	162	Resp:	794
Ion Ratio	Lower	Upper	
162	100		
164	55.7	45.8	85.8
98	35.6	15.2	55.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#30

1,2,4-Trichlorobenzene

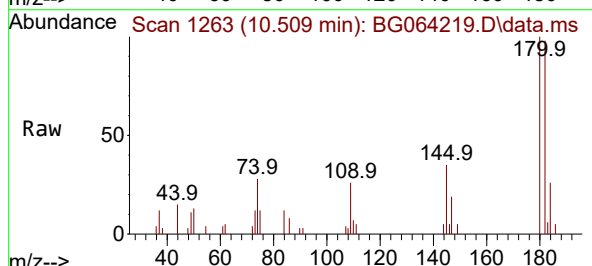
Concen: 5.255 ng

RT: 10.509 min Scan# 1263

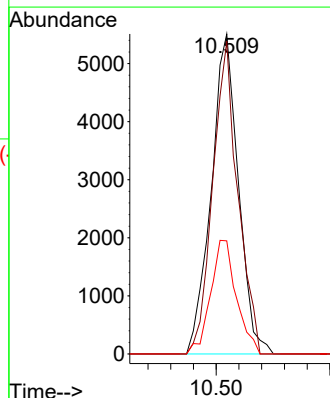
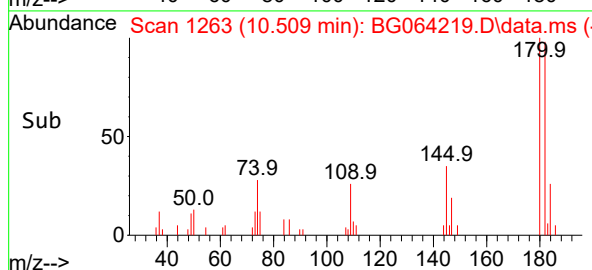
Delta R.T. 0.000 min

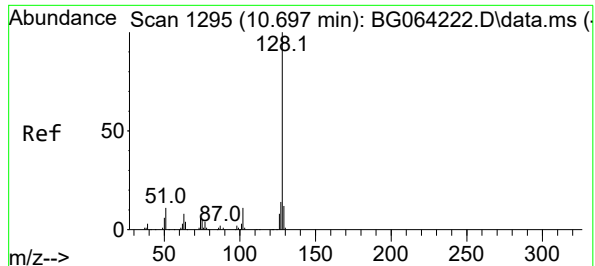
Lab File: BG064219.D

Acq: 28 Aug 2025 11:32



Tgt Ion:	180	Resp:	9136
Ion Ratio	Lower	Upper	
180	100		
182	97.7	75.0	112.6
145	35.4	25.4	38.0





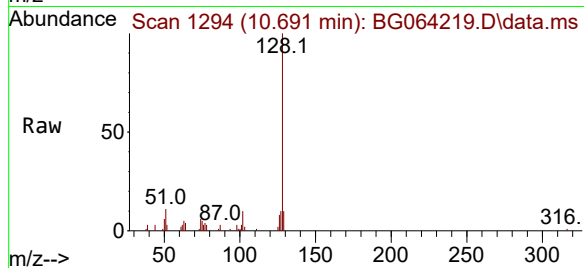
#31
Naphthalene
Concen: 5.322 ng
RT: 10.691 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



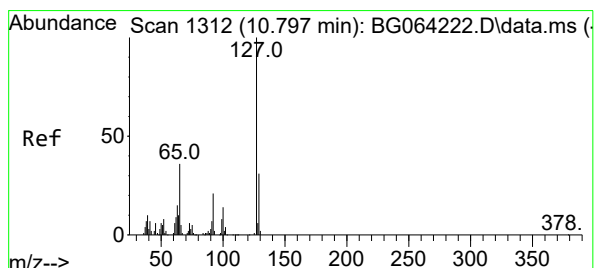
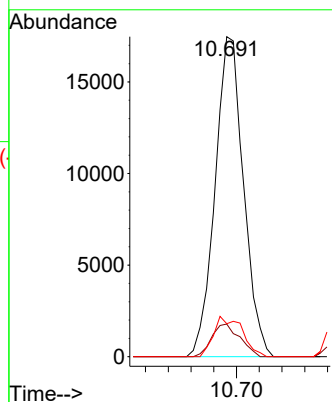
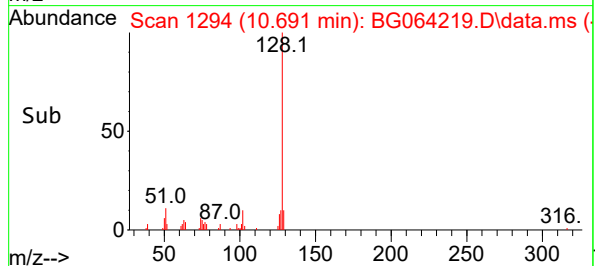
Tgt Ion:128 Resp: 3034
Ion Ratio Lower Upper
128 100
129 10.2 9.4 14.2
127 10.3 10.9 16.3

Manual Integrations

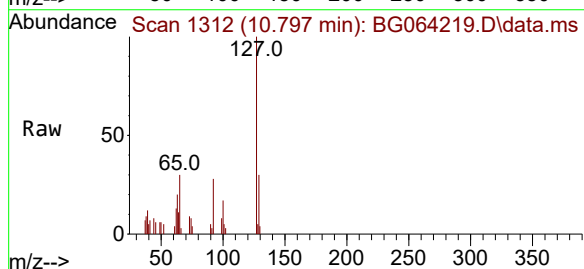
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Reviewed By :Rahul Chavli 08/29/2025

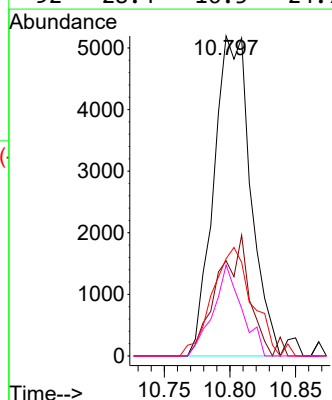
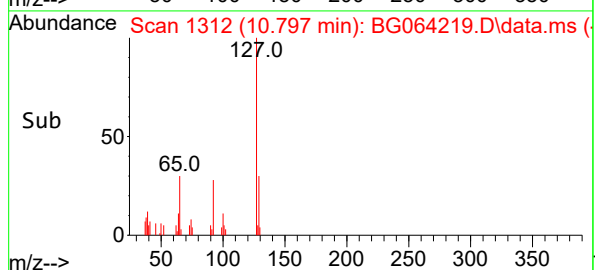
Supervised By :Jagrut Upadhyay 08/29/2025

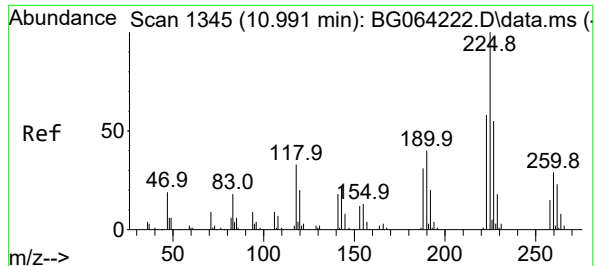


#33
4-Chloroaniline
Concen: 4.589 ng
RT: 10.797 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32



Tgt Ion:127 Resp: 10141
Ion Ratio Lower Upper
127 100
129 33.7 25.0 37.4
65 30.4 28.7 43.1
92 28.4 16.5 24.7





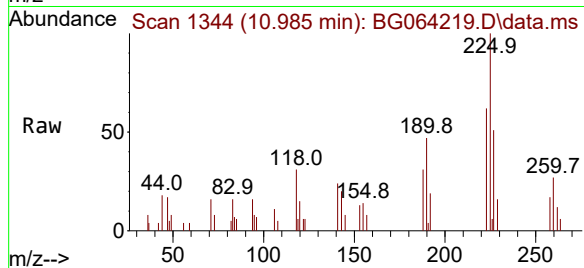
#34
Hexachlorobutadiene
Concen: 5.185 ng
RT: 10.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

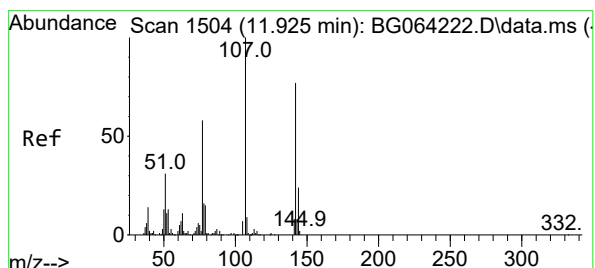
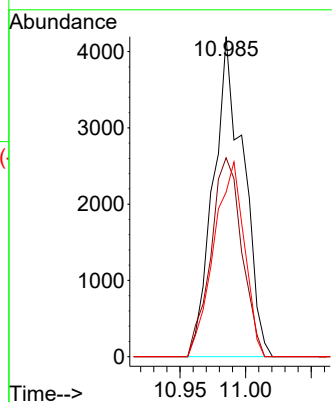
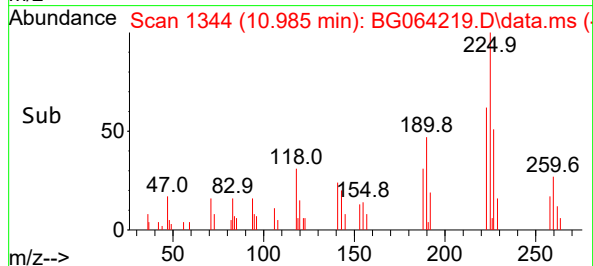


Tgt Ion:225 Resp: 666
Ion Ratio Lower Upper
225 100
223 62.2 46.5 69.7
227 51.4 44.1 66.1

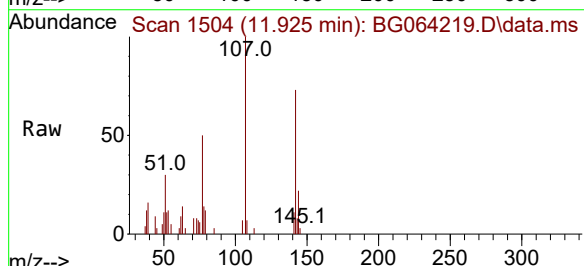
Manual Integrations

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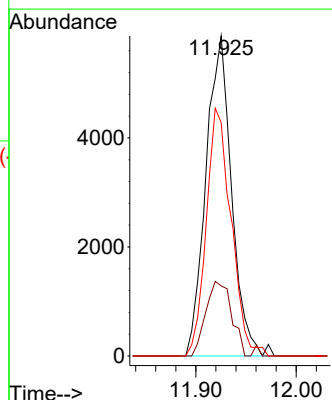
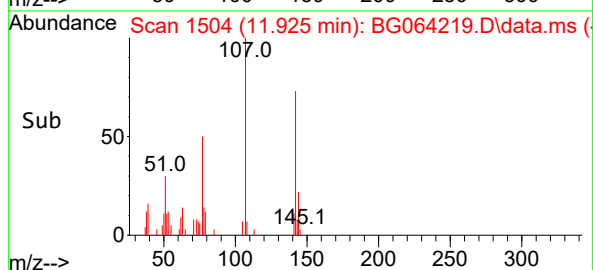
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

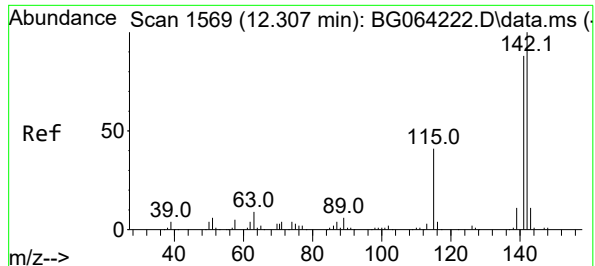


#36
4-Chloro-3-methylphenol
Concen: 4.887 ng
RT: 11.925 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32



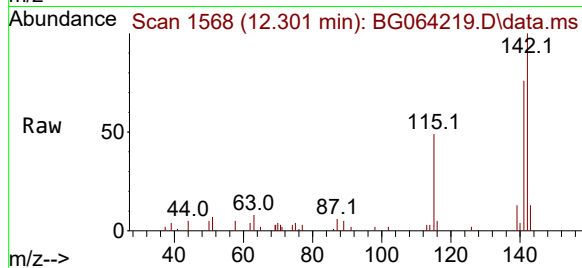
Tgt Ion:107 Resp: 10455
Ion Ratio Lower Upper
107 100
144 21.9 19.5 29.3
142 73.0 62.0 93.0





#37
2-Methylnaphthalene
Concen: 4.980 ng
RT: 12.301 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

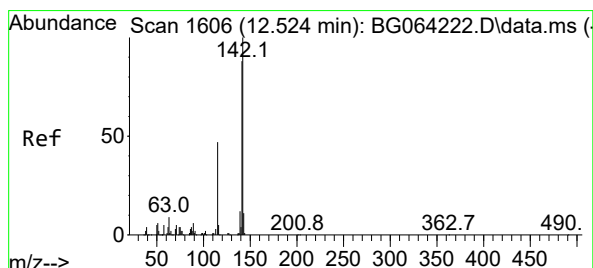
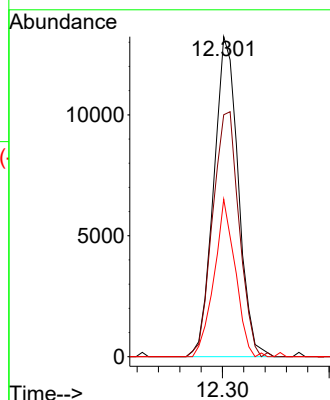
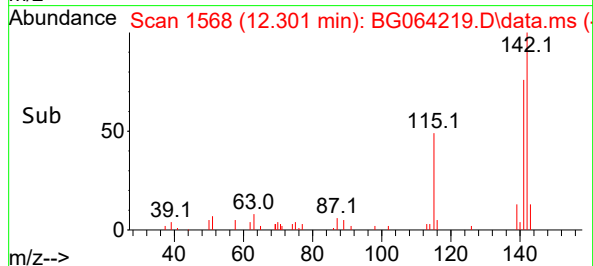
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:142 Resp: 2110
Ion Ratio Lower Upper
142 100
141 75.6 70.1 105.1
115 49.2 33.1 49.7

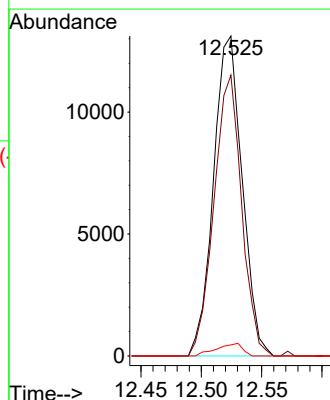
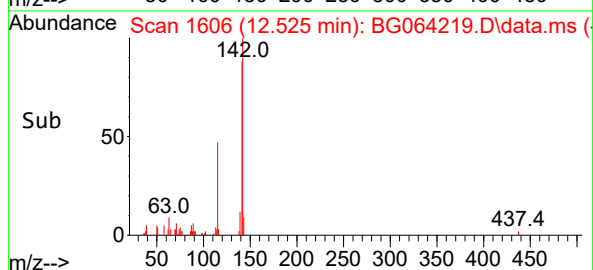
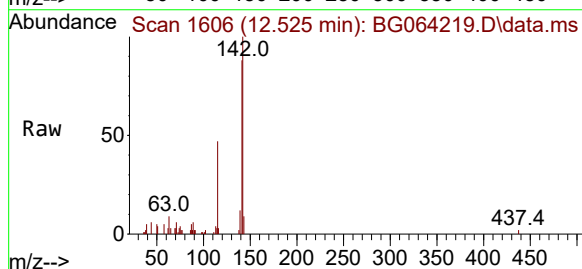
Manual Integrations
APPROVED

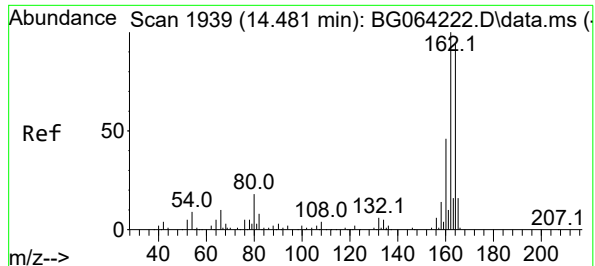
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#38
1-Methylnaphthalene
Concen: 5.175 ng m
RT: 12.525 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:142 Resp: 21661
Ion Ratio Lower Upper
142 100
141 87.8 70.3 105.5
116 3.4 3.7 5.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.481 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BG064219.D

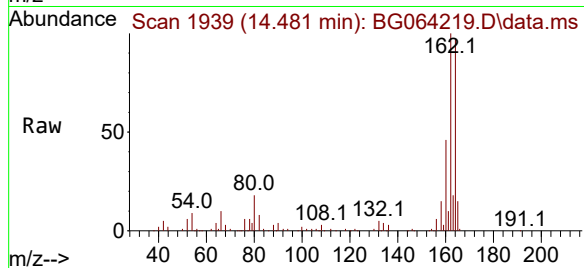
Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



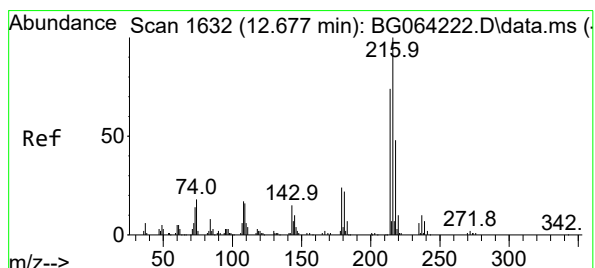
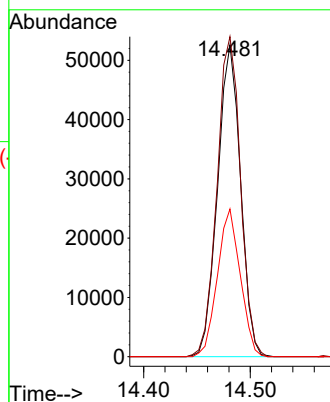
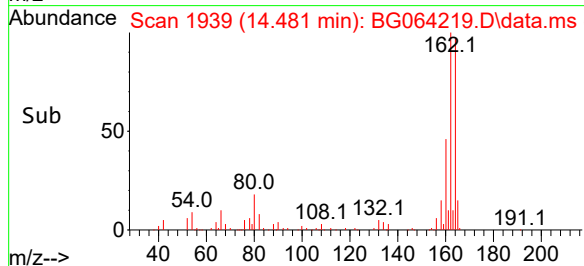
Tgt Ion:	164	Resp:	7859
Ion	Ratio	Lower	Upper
164	100		
162	102.6	85.4	128.0
160	47.4	39.2	58.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#40

1,2,4,5-Tetrachlorobenzene

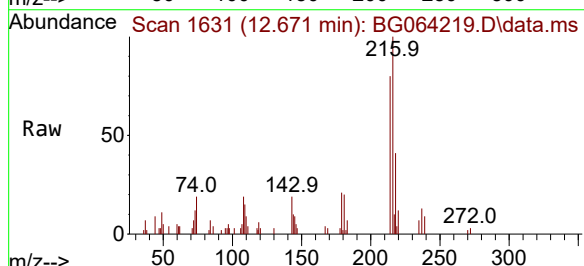
Concen: 4.797 ng

RT: 12.671 min Scan# 1631

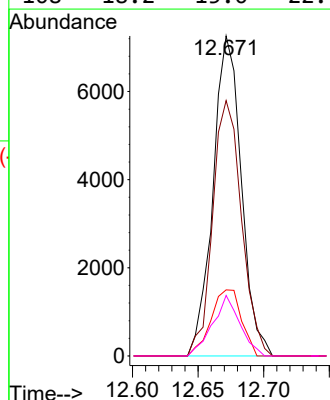
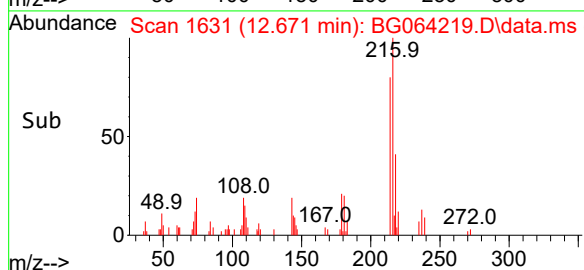
Delta R.T. -0.006 min

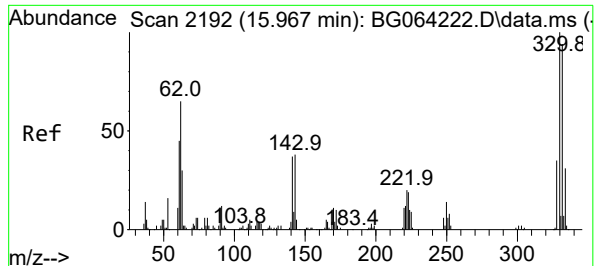
Lab File: BG064219.D

Acq: 28 Aug 2025 11:32



Tgt Ion:	216	Resp:	10879
Ion	Ratio	Lower	Upper
216	100		
214	81.3	61.9	92.9
179	22.3	17.9	26.9
108	18.2	15.0	22.4





#42
2,4,6-Tribromophenol
Concen: 10.605 ng
RT: 15.962 min Scan# 2192
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

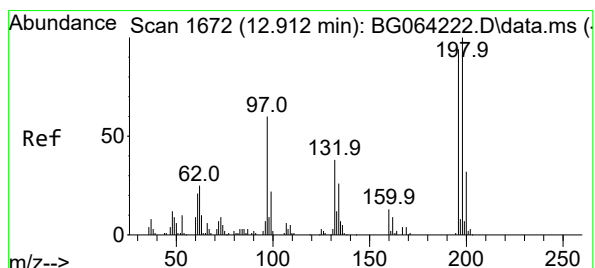
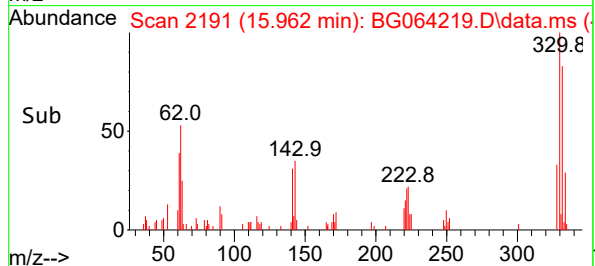
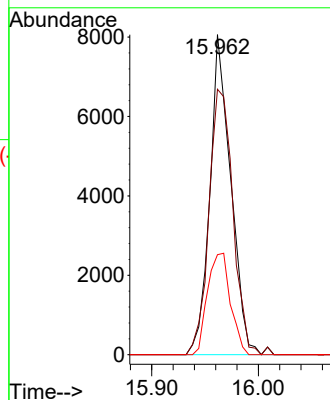
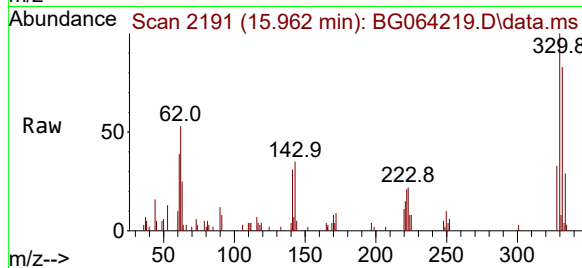
SSTDICC005

Tgt Ion:330 Resp: 11040
Ion Ratio Lower Upper
330 100
332 94.5 77.6 116.4
141 34.6 29.8 44.6

Manual Integrations

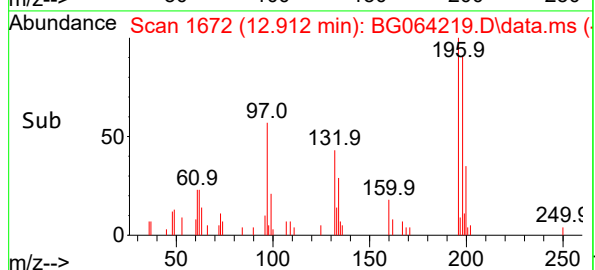
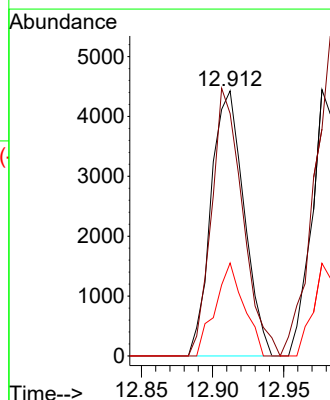
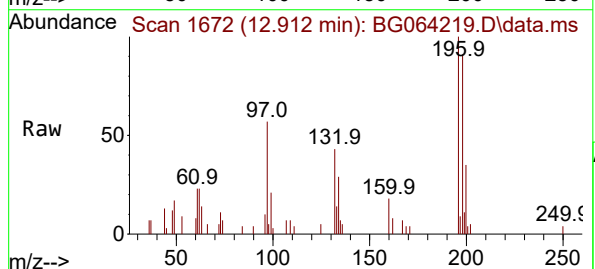
APPROVED

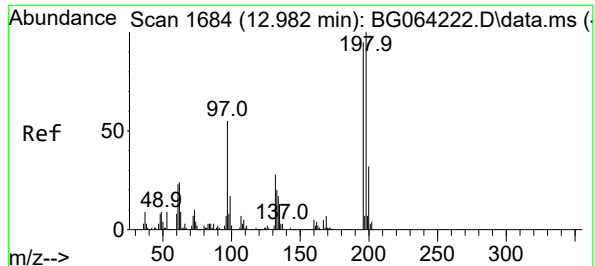
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#43
2,4,6-Trichlorophenol
Concen: 4.721 ng
RT: 12.912 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

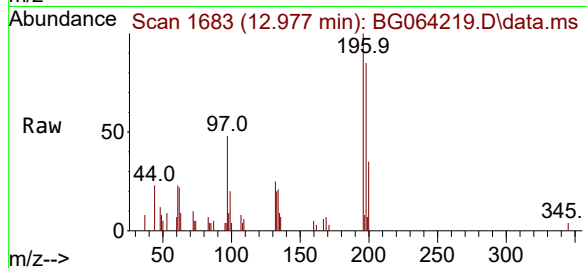
Tgt Ion:196 Resp: 7156
Ion Ratio Lower Upper
196 100
198 91.4 85.4 128.2
200 39.0 27.3 40.9





#44
2,4,5-Trichlorophenol
Concen: 4.622 ng
RT: 12.977 min Scan# 1683
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

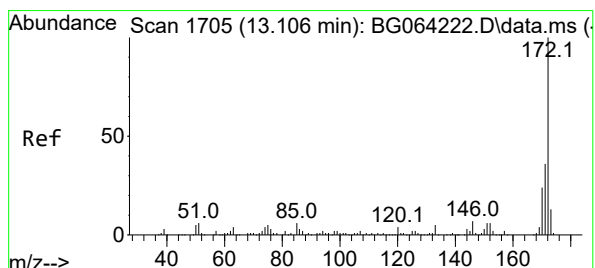
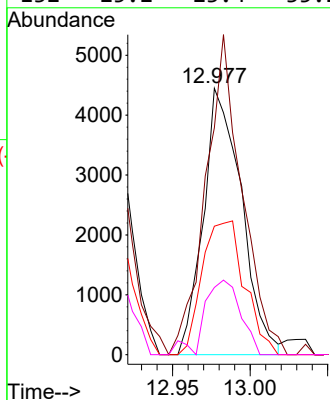
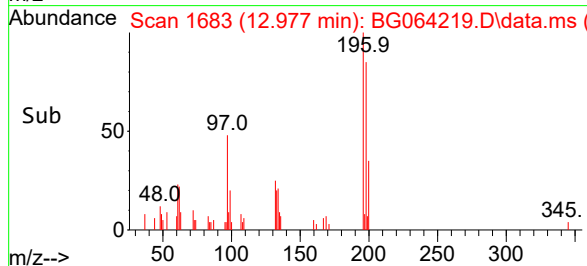
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:196 Resp: 7600
Ion Ratio Lower Upper
196 100
198 85.2 84.5 126.7
97 48.3 46.8 70.2
132 25.2 23.4 35.2

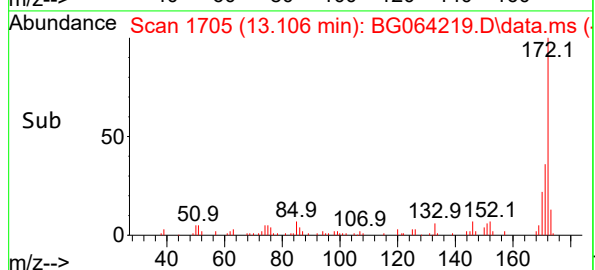
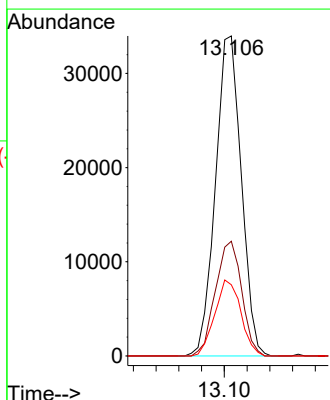
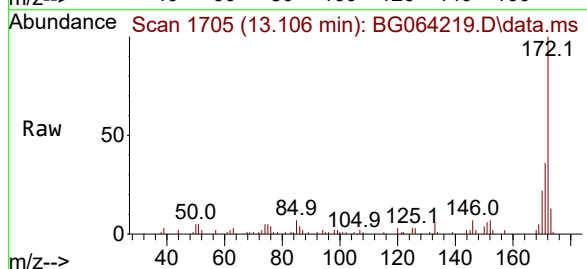
Manual Integrations
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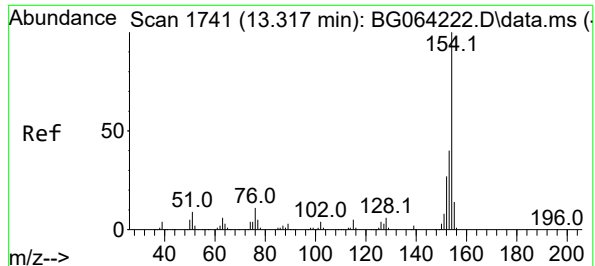
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#45
2-Fluorobiphenyl
Concen: 10.409 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

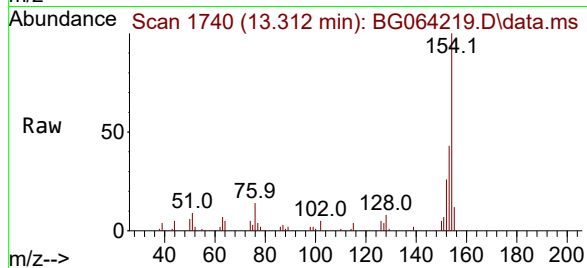
Tgt Ion:172 Resp: 53596
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 22.3 19.0 28.6





#46
1,1'-Biphenyl
Concen: 5.009 ng
RT: 13.312 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

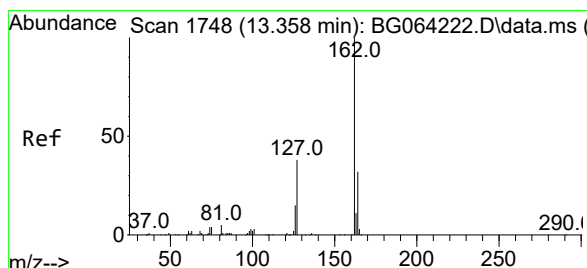
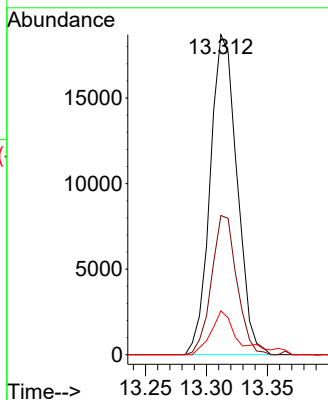
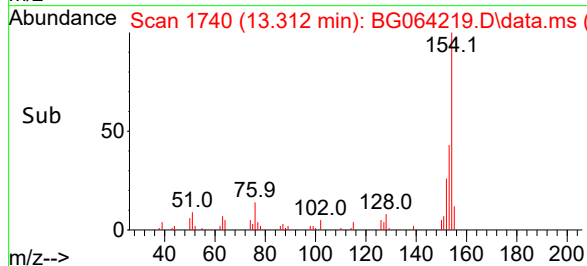
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:154 Resp: 28672
Ion Ratio Lower Upper
154 100
153 43.5 19.9 59.9
76 13.7 0.0 30.9

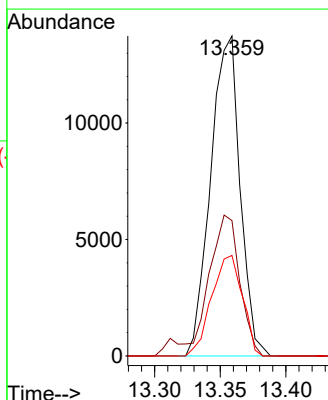
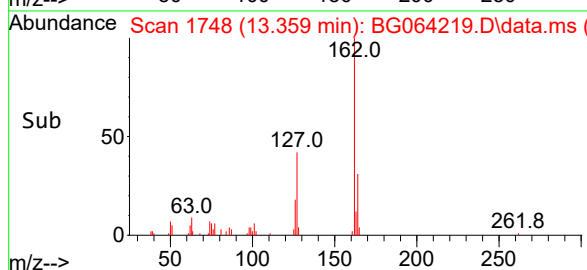
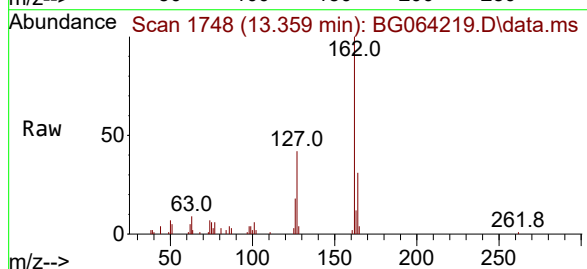
Manual Integrations
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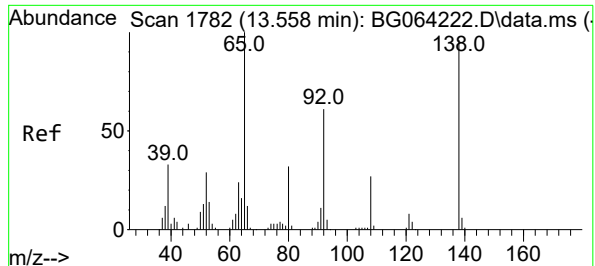
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#47
2-Chloronaphthalene
Concen: 4.975 ng
RT: 13.359 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

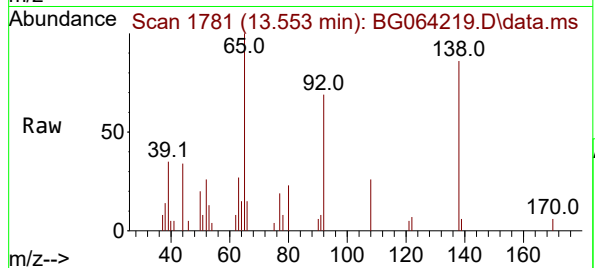
Tgt Ion:162 Resp: 21411
Ion Ratio Lower Upper
162 100
127 42.3 33.9 50.9
164 31.4 25.4 38.2





#48
2-Nitroaniline
Concen: 4.063 ng
RT: 13.553 min Scan# 1781
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

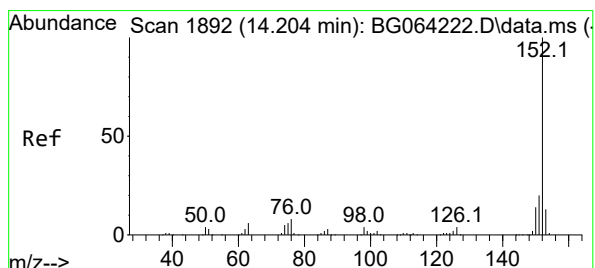
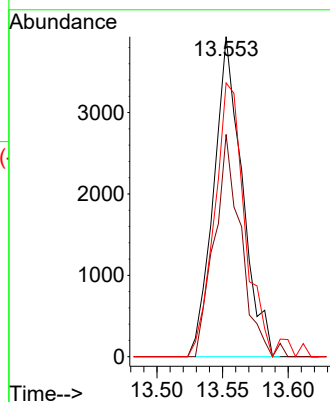
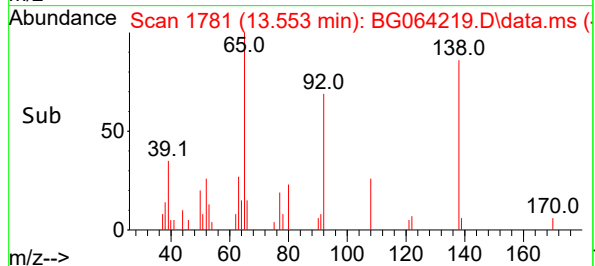
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



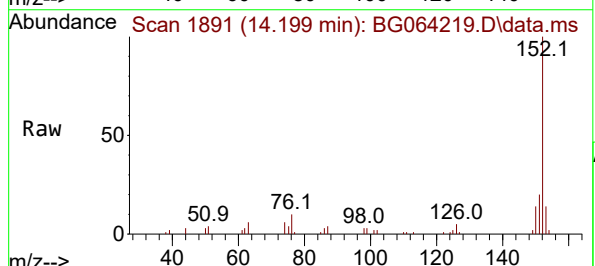
Tgt Ion: 65 Resp: 5960
Ion Ratio Lower Upper
65 100
92 69.5 49.2 73.8
138 85.6 76.8 115.2

Manual Integrations
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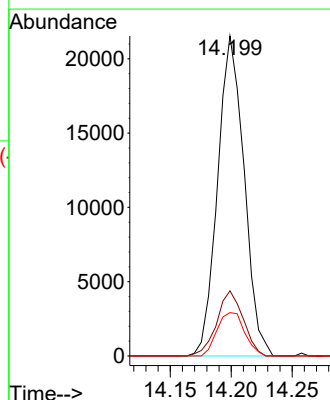
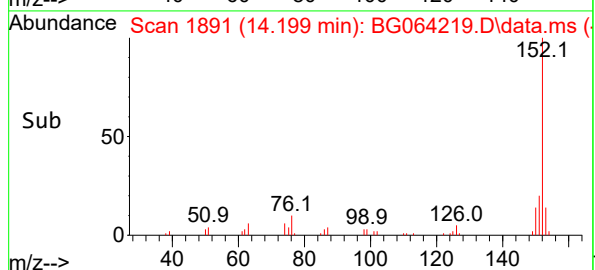
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

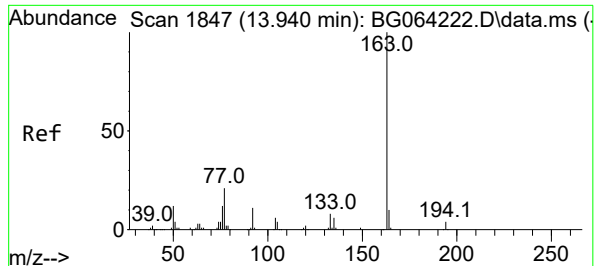


#49
Acenaphthylene
Concen: 5.116 ng
RT: 14.199 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32



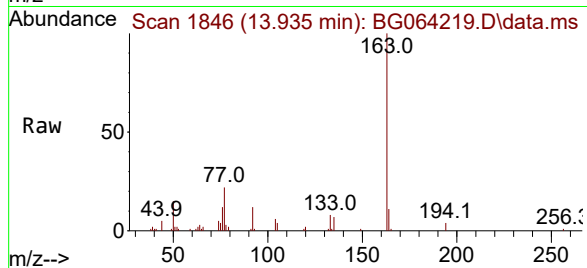
Tgt Ion:152 Resp: 32547
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.6 10.1 15.1





#50
Dimethylphthalate
Concen: 5.523 ng
RT: 13.935 min Scan# 1846
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

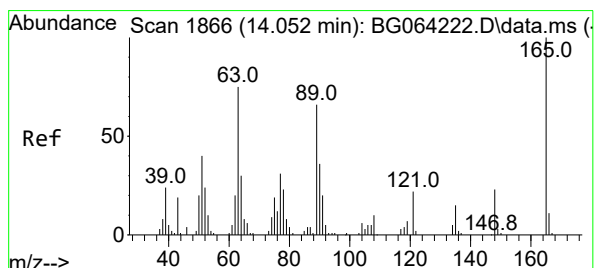
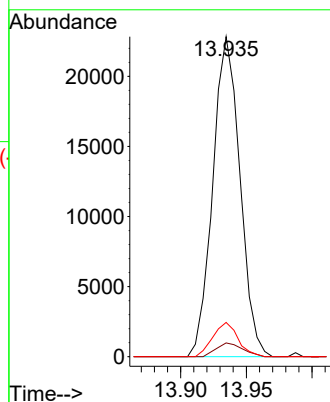
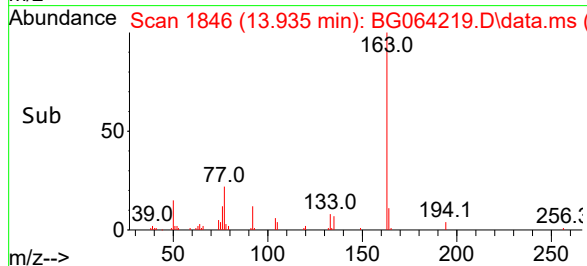
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



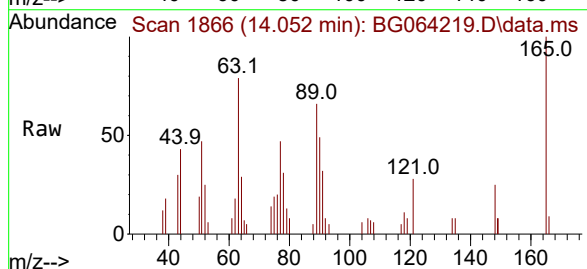
Tgt Ion:163 Resp: 3285
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.4
164 10.7 7.9 11.9

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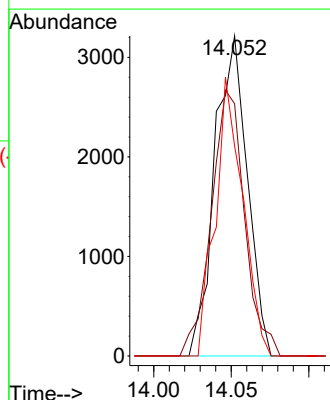
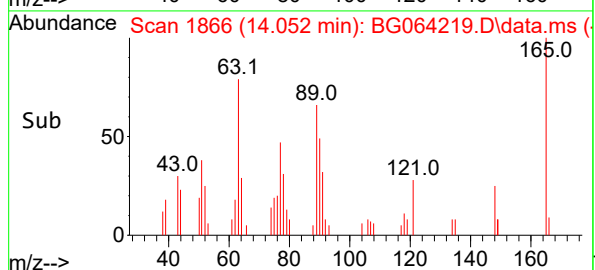
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

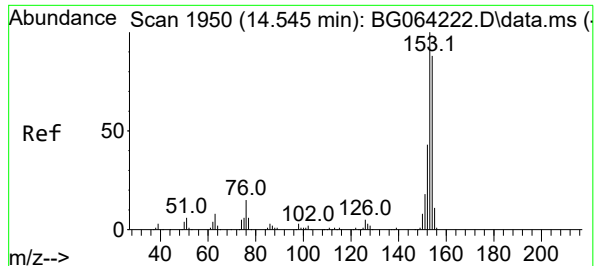


#51
2,6-Dinitrotoluene
Concen: 4.067 ng
RT: 14.052 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32



Tgt Ion:165 Resp: 4684
Ion Ratio Lower Upper
165 100
63 78.8 60.3 90.5
89 65.6 52.9 79.3





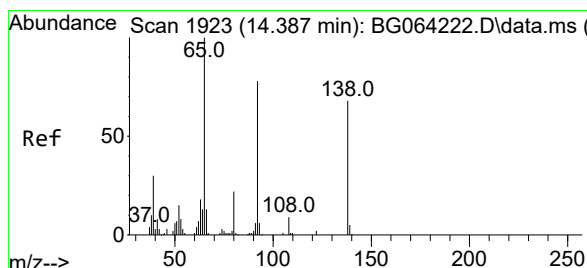
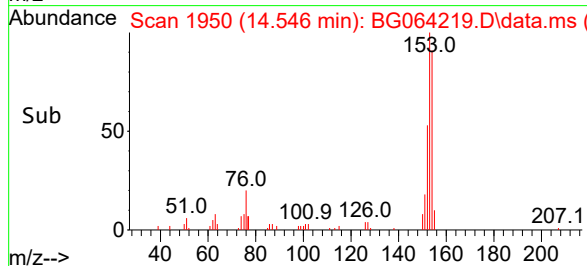
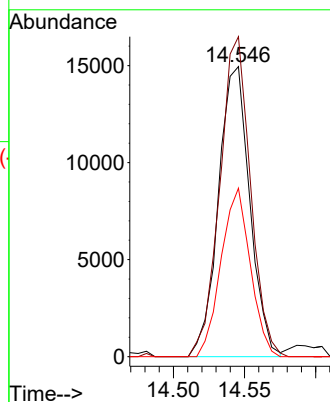
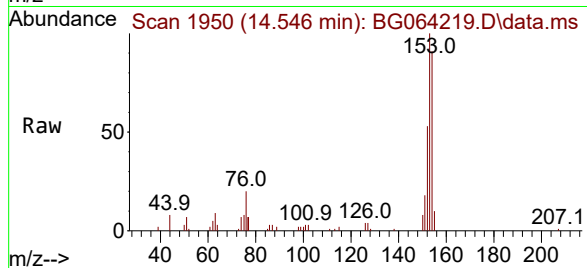
#52
Acenaphthene
Concen: 5.115 ng
RT: 14.546 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 22964
Ion Ratio Lower Upper
154 100
153 110.3 91.1 136.7
152 58.1 39.6 59.4

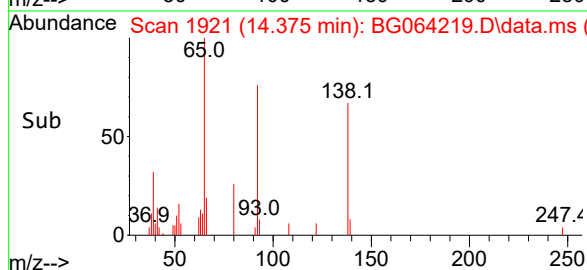
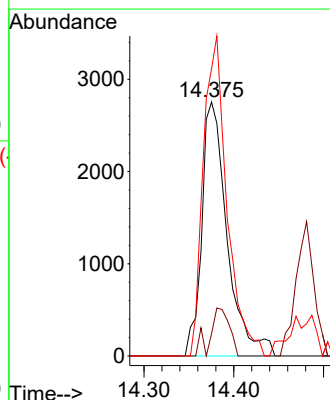
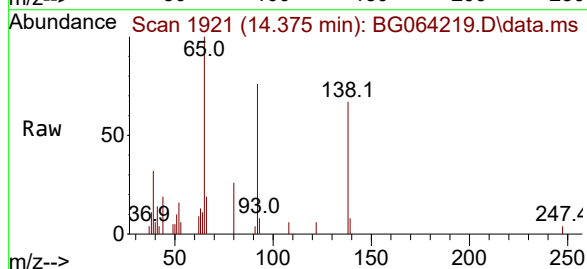
Manual Integrations
APPROVED

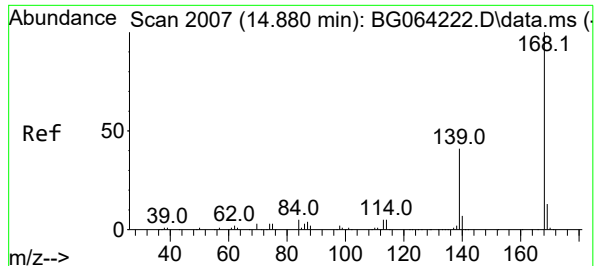
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#53
3-Nitroaniline
Concen: 4.480 ng
RT: 14.375 min Scan# 1921
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:138 Resp: 5404
Ion Ratio Lower Upper
138 100
108 8.8 11.0 16.6#
92 113.1 91.4 137.0





#55

Dibenzenofuran

Concen: 5.322 ng

RT: 14.881 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BG064219.D

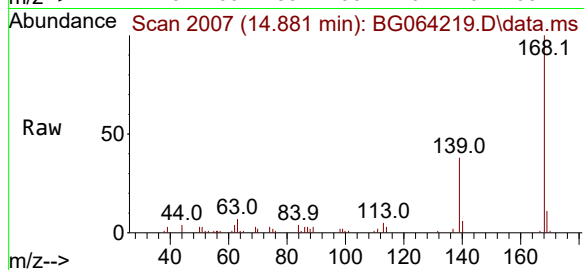
Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



Tgt Ion:168 Resp: 37579

Ion Ratio Lower Upper

168 100

139 38.0 33.2 49.8

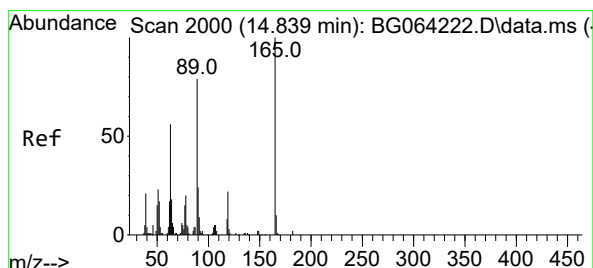
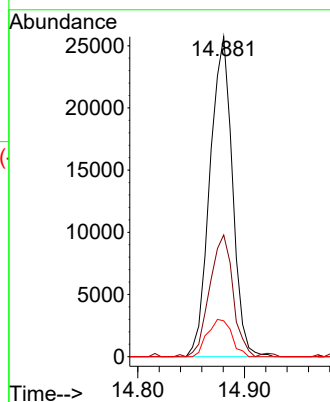
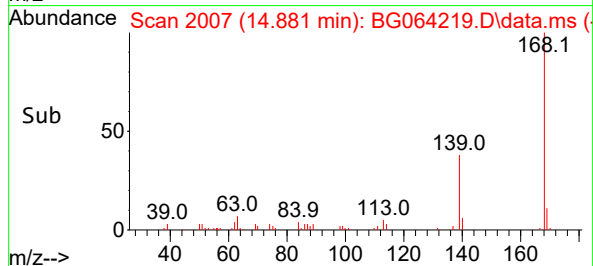
169 11.2 10.4 15.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#57

2,4-Dinitrotoluene

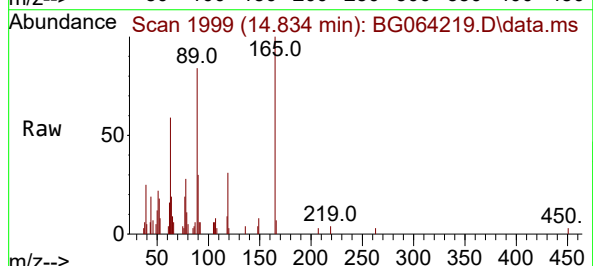
Concen: 4.467 ng

RT: 14.834 min Scan# 1999

Delta R.T. -0.011 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32



Tgt Ion:165 Resp: 7779

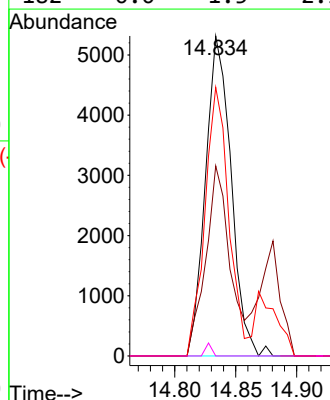
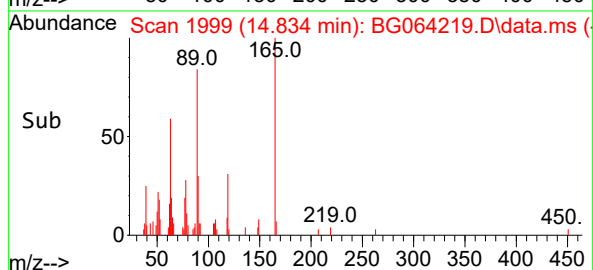
Ion Ratio Lower Upper

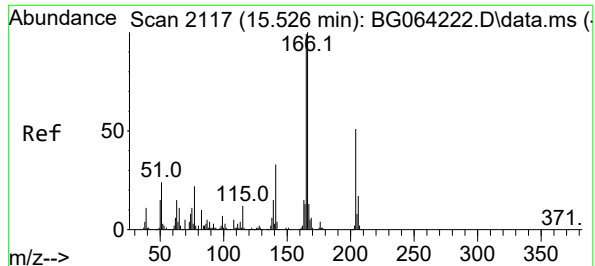
165 100

63 59.4 44.6 67.0

89 84.0 63.0 94.4

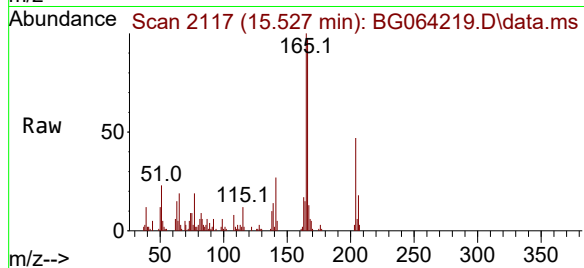
182 0.0 1.5 2.3#





#58
Fluorene
Concen: 5.318 ng
RT: 15.527 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

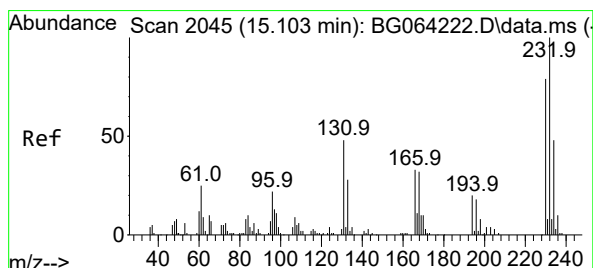
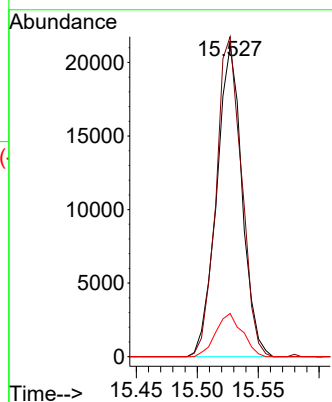
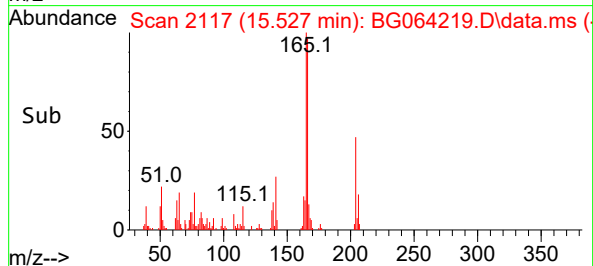
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:166 Resp: 30779
Ion Ratio Lower Upper
166 100
165 103.1 79.1 118.7
167 13.9 10.2 15.4

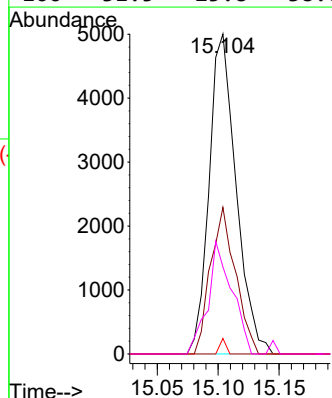
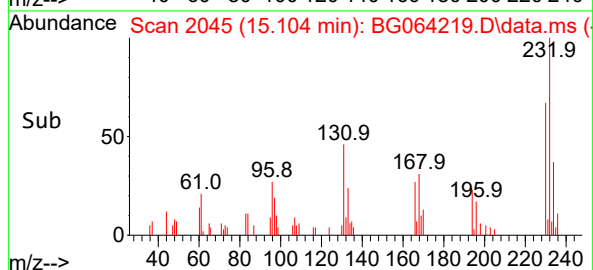
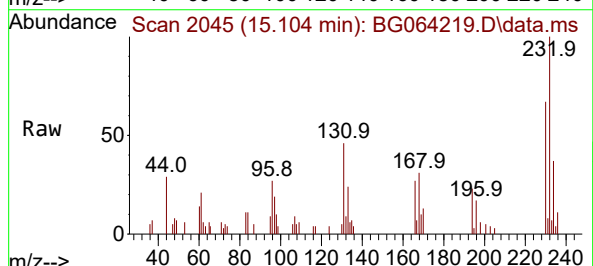
Manual Integrations
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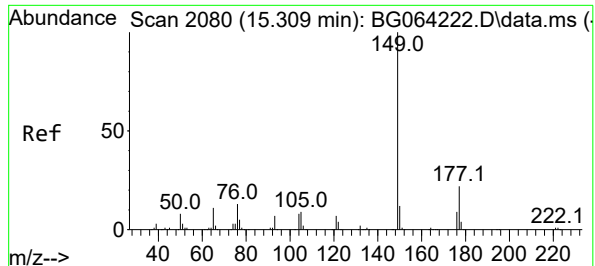
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.866 ng
RT: 15.104 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:232 Resp: 7695
Ion Ratio Lower Upper
232 100
131 42.5 37.1 55.7
130 1.1 2.6 3.8#
166 31.5 25.8 38.6





#60

Diethylphthalate

Concen: 5.646 ng

RT: 15.298 min Scan# 2080

Delta R.T. -0.017 min

Lab File: BG064219.D

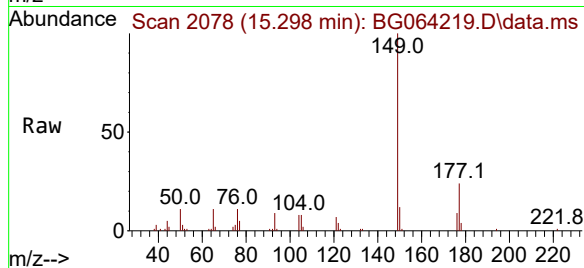
Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



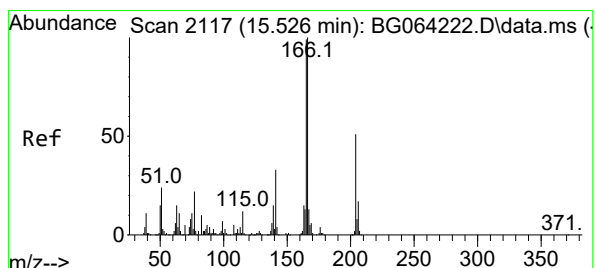
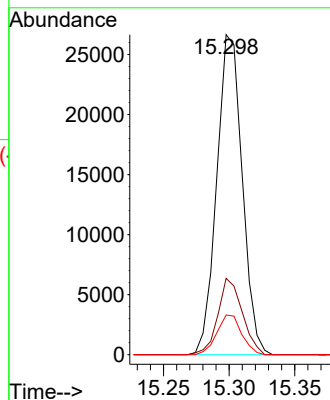
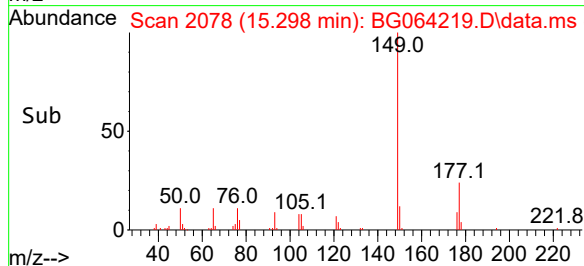
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	17.5	26.3
150	12.4	9.9	14.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#61

4-Chlorophenyl-phenylether

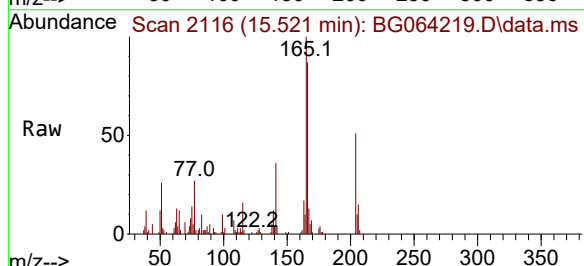
Concen: 5.318 ng

RT: 15.521 min Scan# 2116

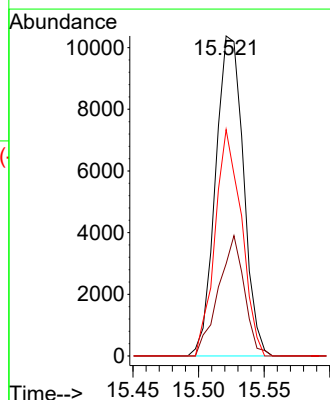
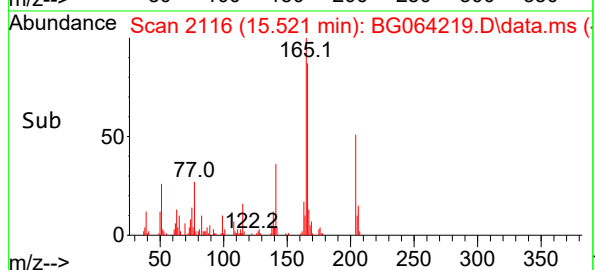
Delta R.T. -0.006 min

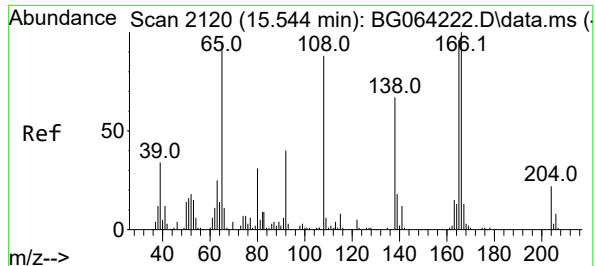
Lab File: BG064219.D

Acq: 28 Aug 2025 11:32



Tgt Ion	Ratio	Lower	Upper
204	100		
206	28.8	26.2	39.4
141	70.7	51.9	77.9





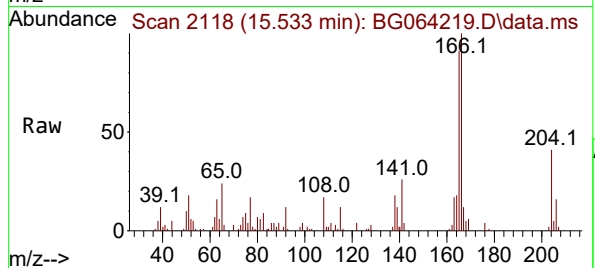
#62
4-Nitroaniline
Concen: 4.268 ng
RT: 15.533 min Scan# 2118
Delta R.T. -0.023 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

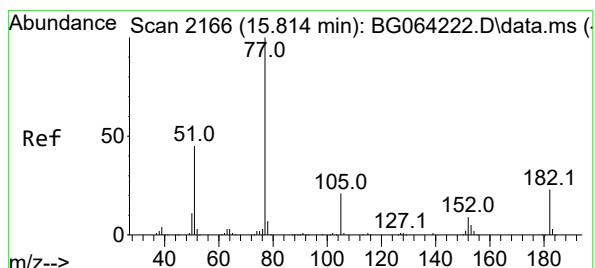
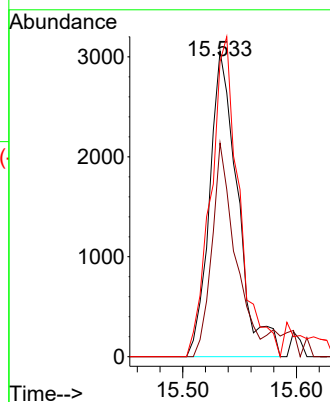
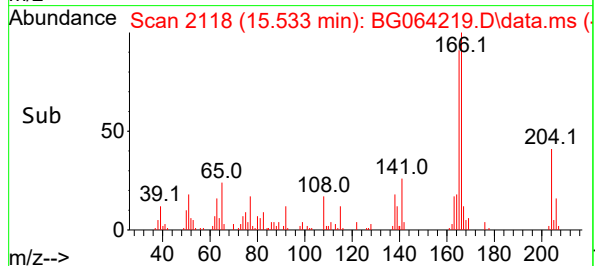


Tgt Ion:138 Resp: 5254
Ion Ratio Lower Upper
138 100
92 70.0 39.1 79.1
108 96.6 111.3 151.3

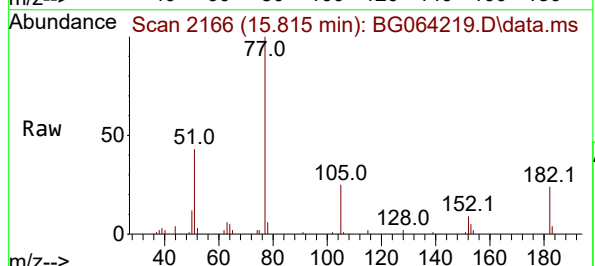
Manual Integrations

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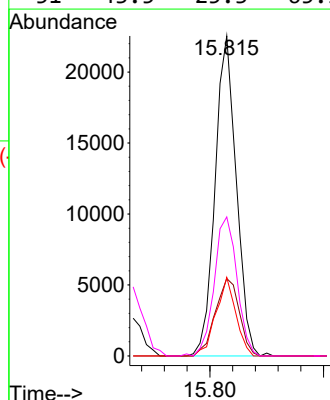
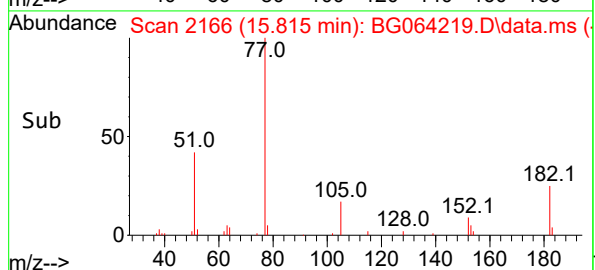
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

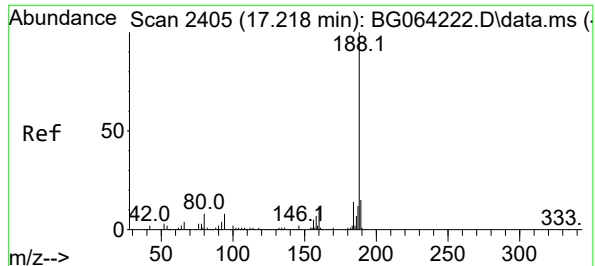


#63
Azobenzene
Concen: 5.159 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32



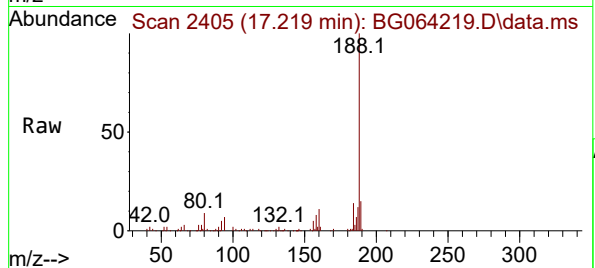
Tgt Ion: 77 Resp: 29276
Ion Ratio Lower Upper
77 100
182 24.2 3.3 43.3
105 24.5 0.6 40.6
51 43.5 25.3 65.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

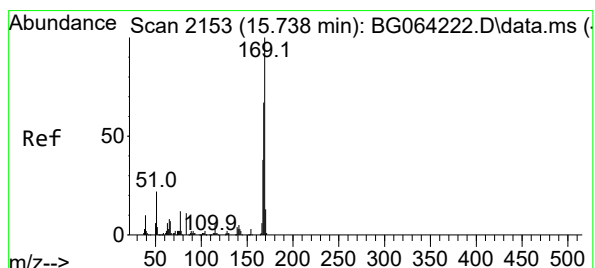
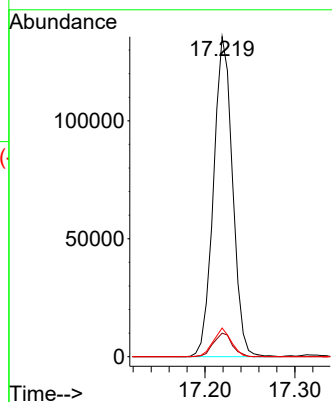
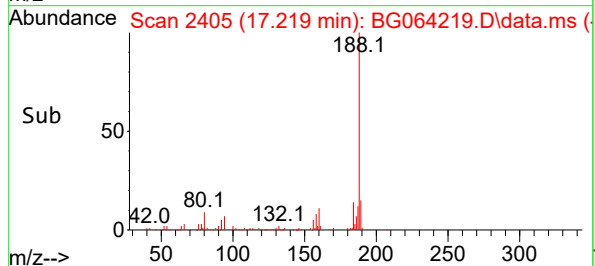
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:188 Resp: 199845
Ion Ratio Lower Upper
188 100
94 7.4 6.2 9.4
80 8.9 6.8 10.2

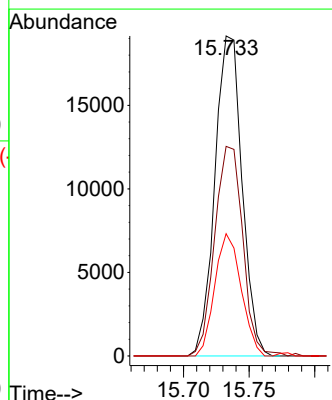
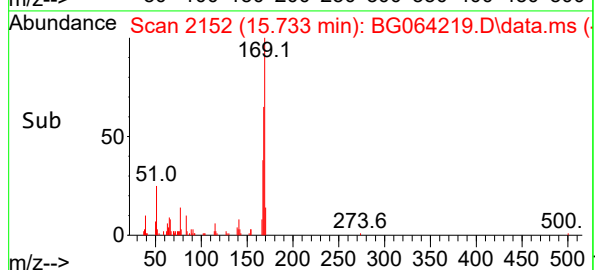
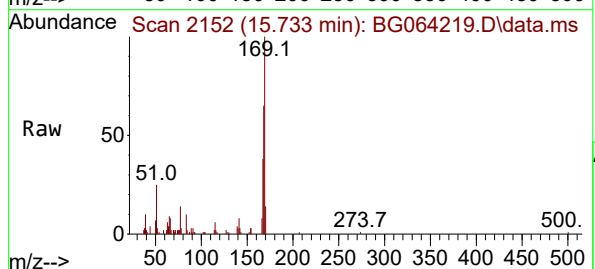
Manual Integrations
APPROVED

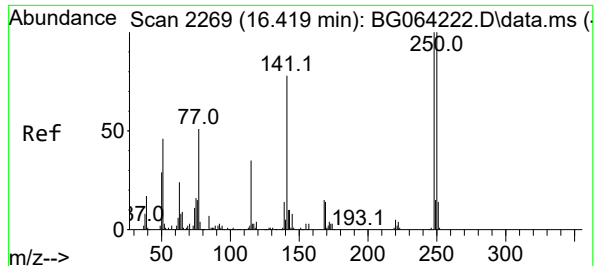
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#66
n-Nitrosodiphenylamine
Concen: 5.022 ng
RT: 15.733 min Scan# 2152
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

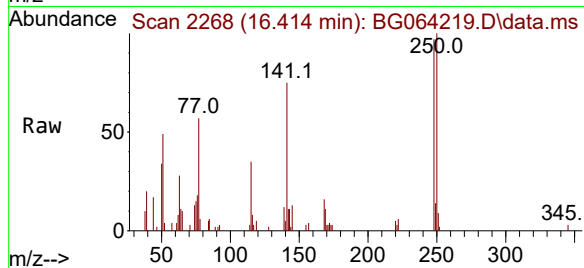
Tgt Ion:169 Resp: 27609
Ion Ratio Lower Upper
169 100
168 65.5 53.8 80.8
167 38.2 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 4.591 ng
RT: 16.414 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

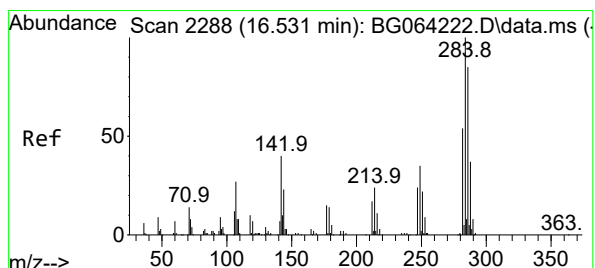
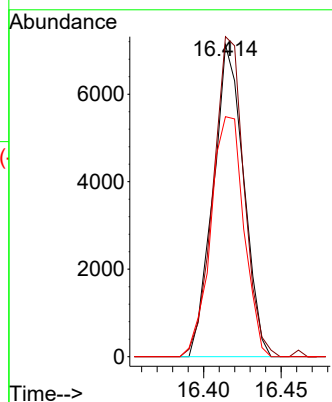
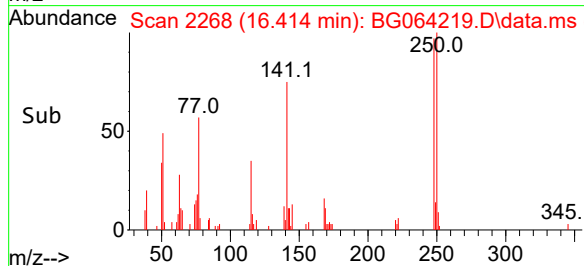
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



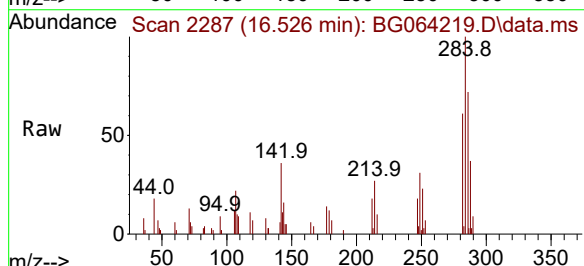
Tgt Ion:248 Resp: 974
Ion Ratio Lower Upper
248 100
250 102.6 80.2 120.4
141 77.0 62.4 93.6

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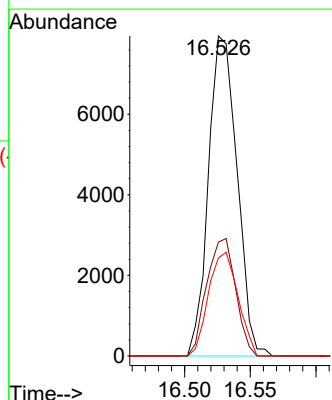
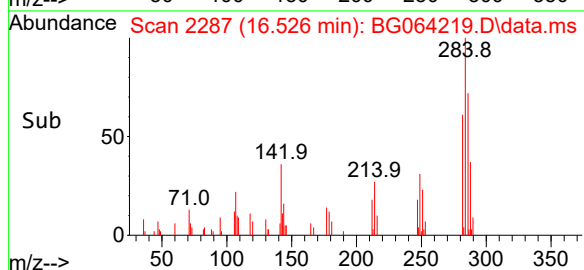
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

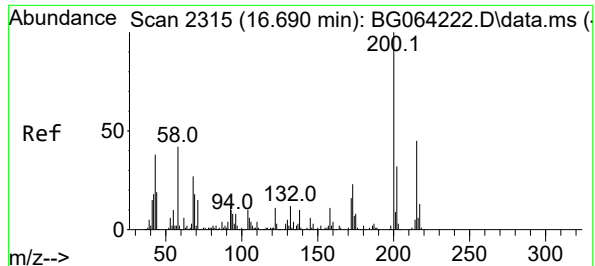


#68
Hexachlorobenzene
Concen: 5.109 ng
RT: 16.526 min Scan# 2287
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32



Tgt Ion:284 Resp: 12043
Ion Ratio Lower Upper
284 100
142 35.6 32.1 48.1
249 30.6 28.3 42.5





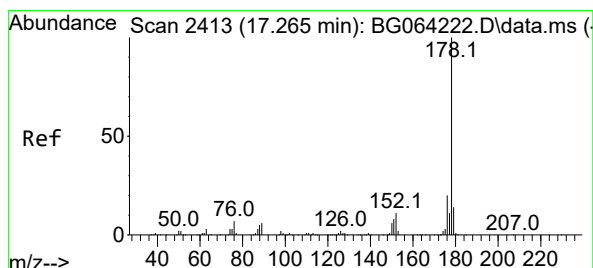
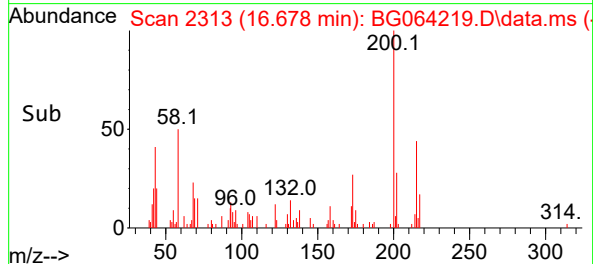
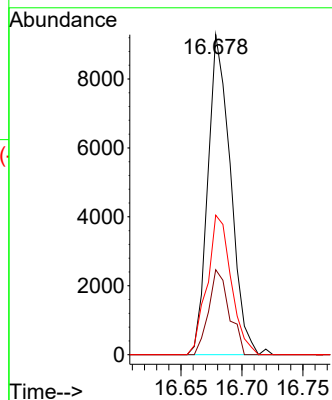
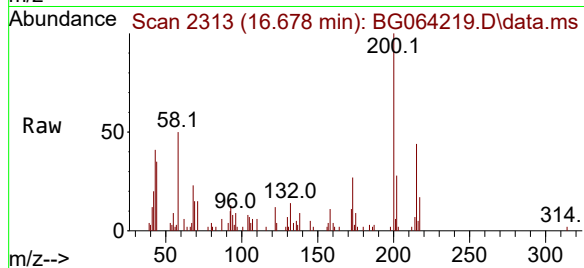
#69
Atrazine
Concen: 5.228 ng
RT: 16.678 min Scan# 211
Delta R.T. -0.017 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 1200
Ion Ratio Lower Upper
200 100
173 26.6 3.5 43.5
215 43.6 24.8 64.8

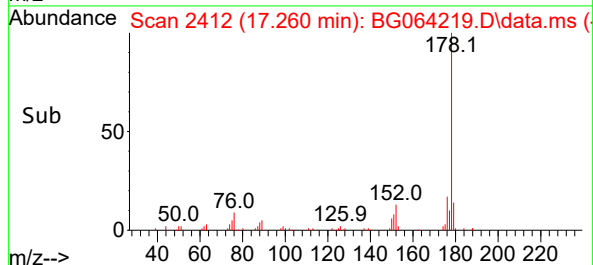
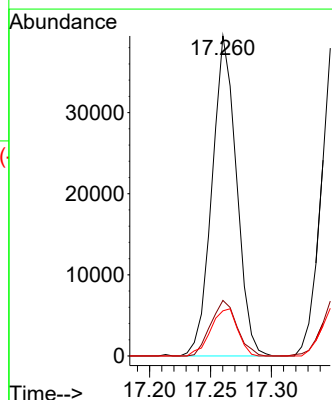
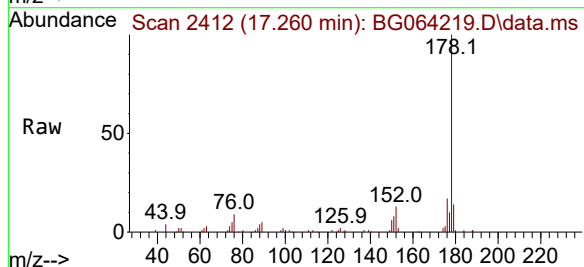
Manual Integrations
APPROVED

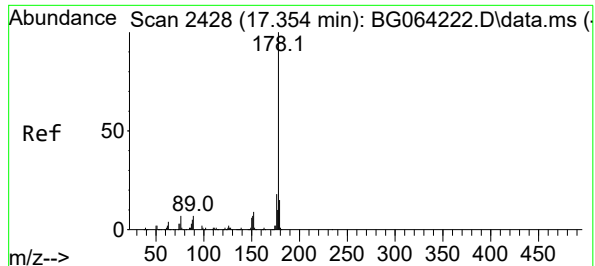
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#71
Phenanthrene
Concen: 5.227 ng
RT: 17.260 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

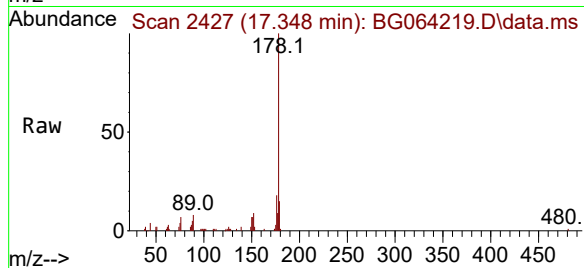
Tgt Ion:178 Resp: 55100
Ion Ratio Lower Upper
178 100
176 17.4 15.9 23.9
179 14.1 11.4 17.2





#72
Anthracene
Concen: 5.237 ng
RT: 17.348 min Scan# 2428
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

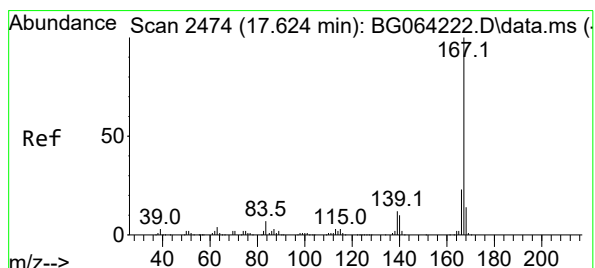
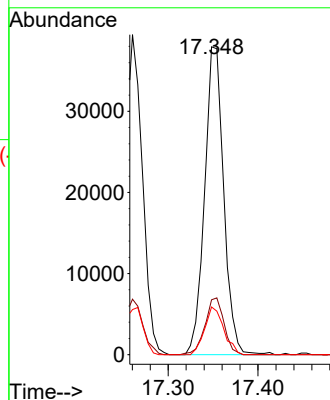
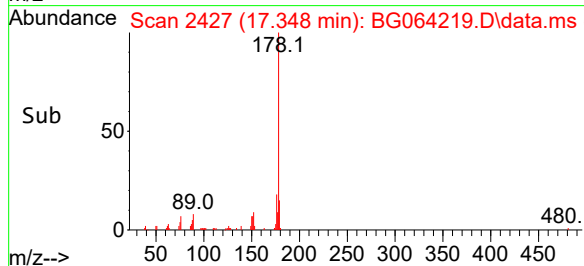
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:178 Resp: 56150
Ion Ratio Lower Upper
178 100
176 17.8 14.7 22.1
179 15.5 12.1 18.1

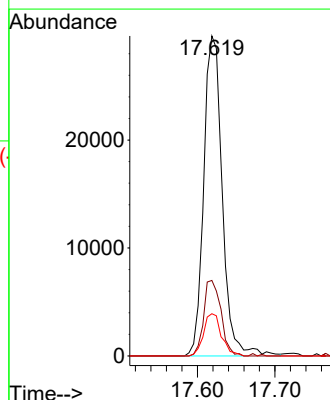
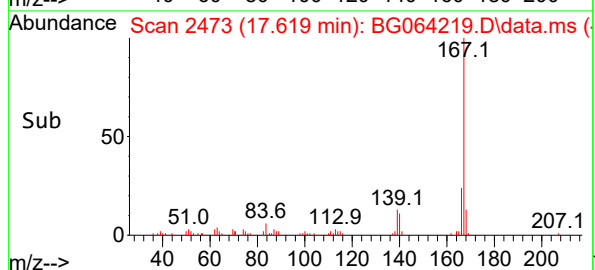
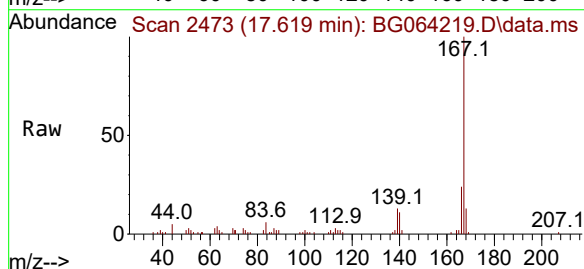
Manual Integrations
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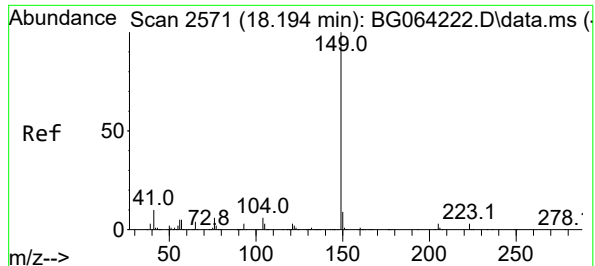
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#73
Carbazole
Concen: 5.213 ng
RT: 17.619 min Scan# 2473
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

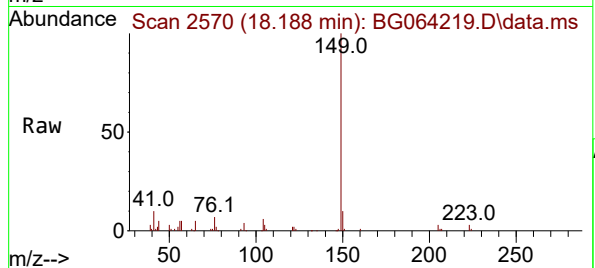
Tgt Ion:167 Resp: 49241
Ion Ratio Lower Upper
167 100
166 23.6 18.2 27.2
139 13.2 9.8 14.6





#74
Di-n-butylphthalate
Concen: 5.267 ng
RT: 18.188 min Scan# 2570
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

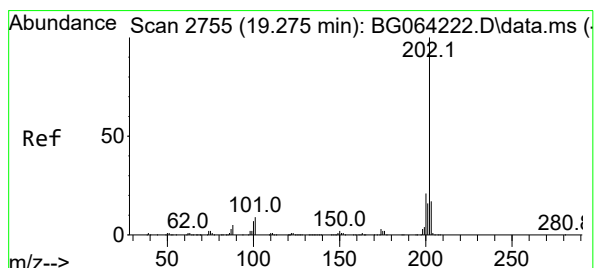
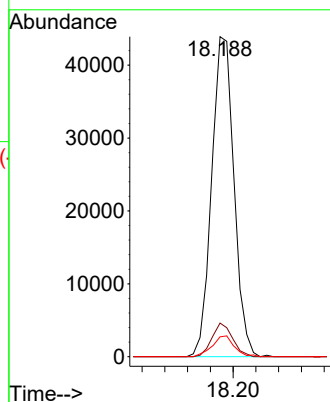
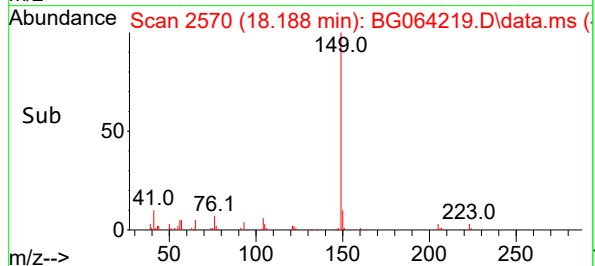
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 5976
Ion Ratio Lower Upper
149 100
150 10.5 7.5 11.3
104 6.2 4.6 7.0

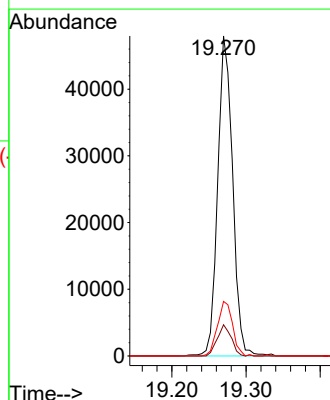
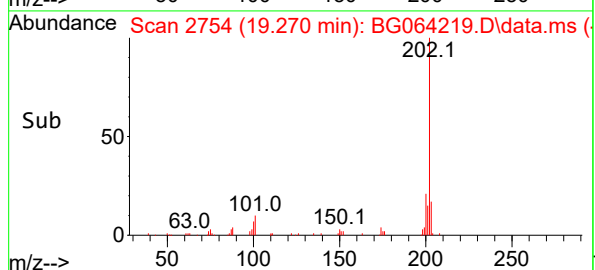
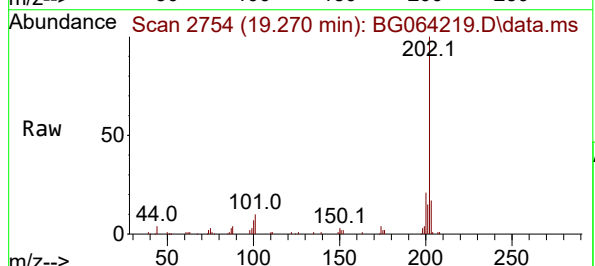
Manual Integrations
APPROVED

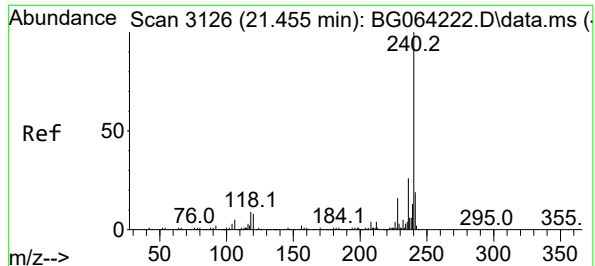
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#75
Fluoranthene
Concen: 5.403 ng
RT: 19.270 min Scan# 2754
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

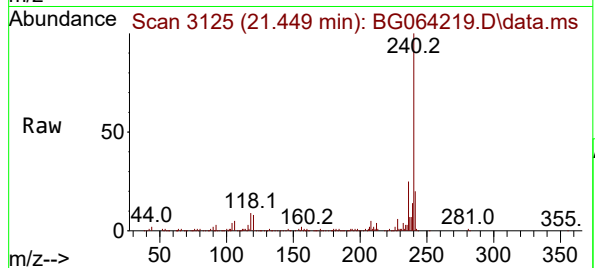
Tgt Ion:202 Resp: 66964
Ion Ratio Lower Upper
202 100
101 9.8 0.0 28.7
203 17.0 0.0 36.9





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

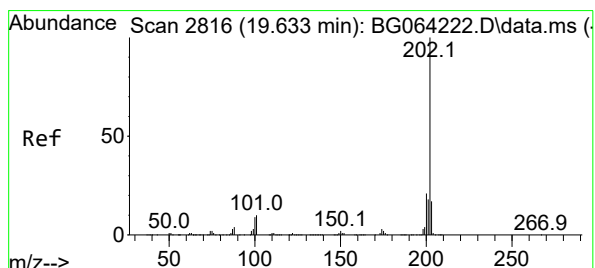
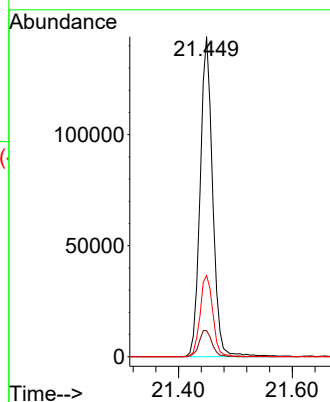
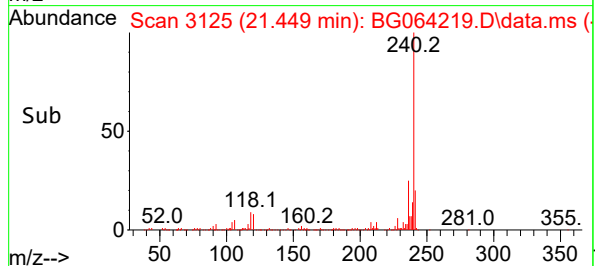
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:240 Resp: 21968
Ion Ratio Lower Upper
240 100
120 8.2 6.2 9.4
236 25.3 20.5 30.7

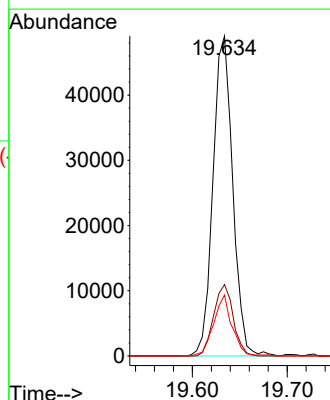
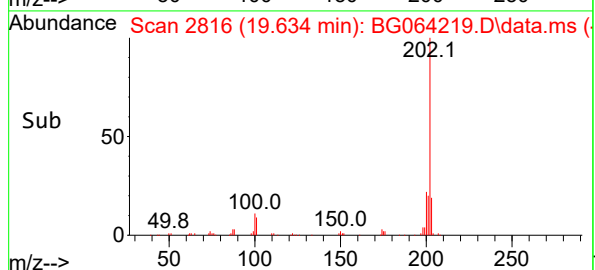
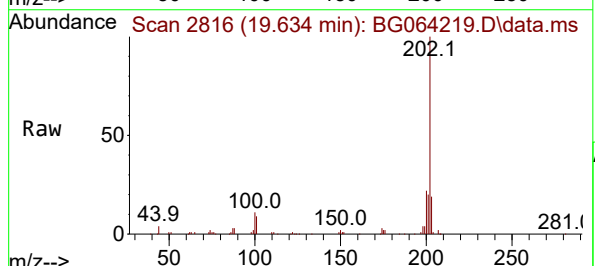
Manual Integrations
APPROVED

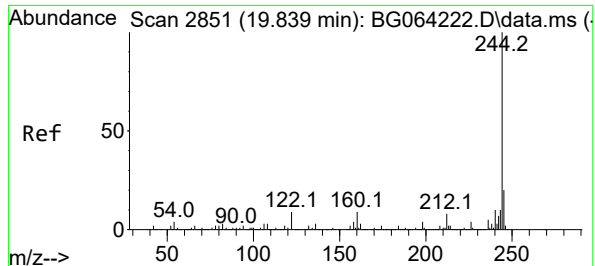
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#78
Pyrene
Concen: 5.127 ng
RT: 19.634 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:202 Resp: 70961
Ion Ratio Lower Upper
202 100
200 22.3 16.9 25.3
203 19.1 13.8 20.8





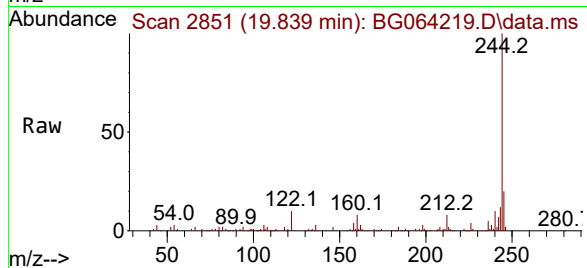
#79
Terphenyl-d14
Concen: 10.529 ng
RT: 19.839 min Scan# 2851
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

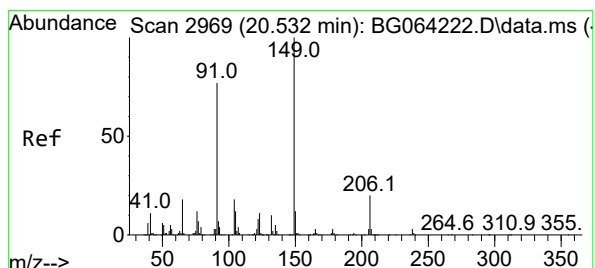
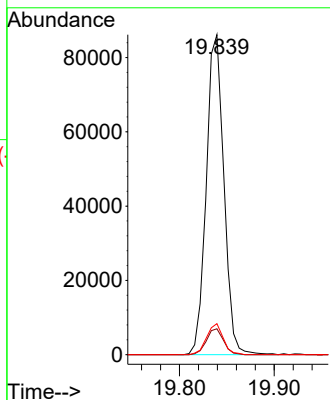
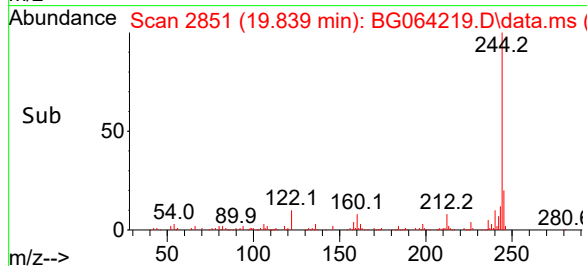


Tgt Ion:244 Resp: 11086
Ion Ratio Lower Upper
244 100
212 8.1 6.6 10.0
122 9.7 7.0 10.6

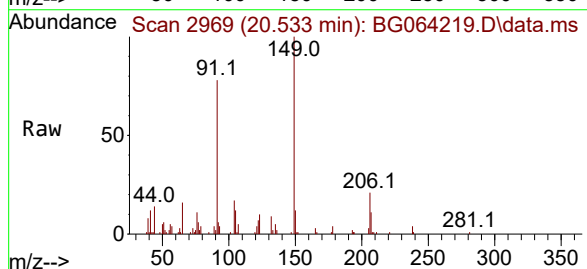
Manual Integrations

APPROVED

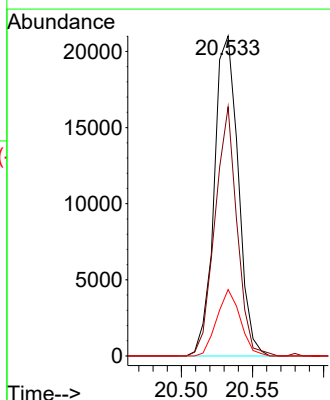
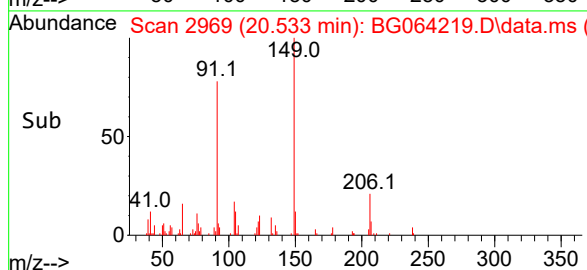
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

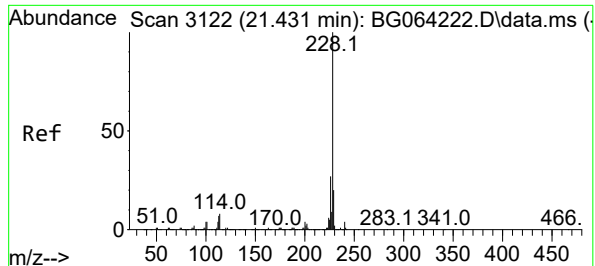


#80
Butylbenzylphthalate
Concen: 4.720 ng
RT: 20.533 min Scan# 2969
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32



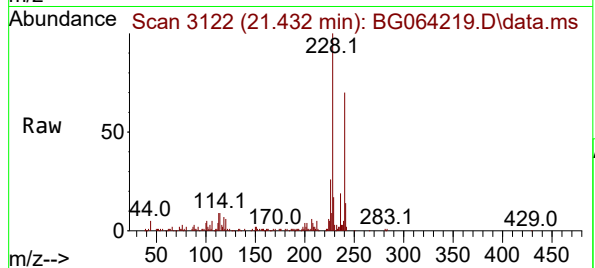
Tgt Ion:149 Resp: 24638
Ion Ratio Lower Upper
149 100
91 77.9 61.4 92.0
206 20.7 15.8 23.6





#81
Benzo(a)anthracene
Concen: 5.169 ng
RT: 21.432 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

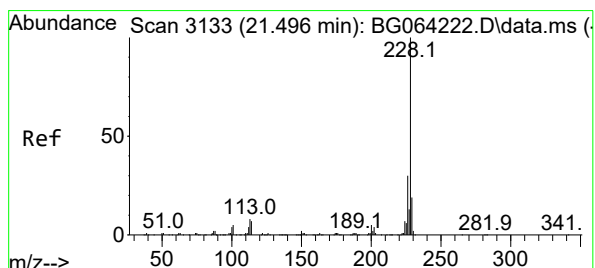
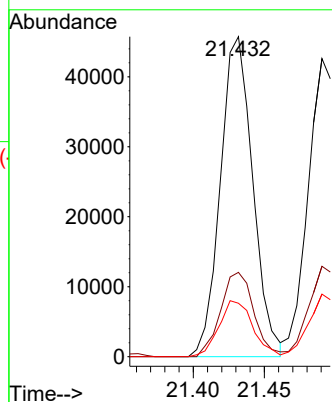
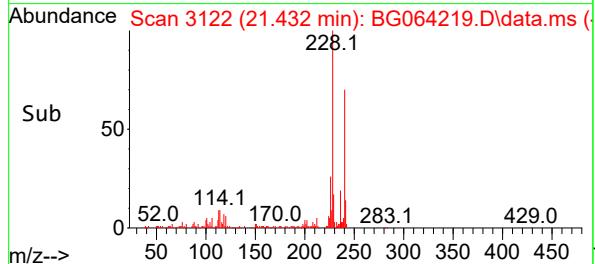
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:228 Resp: 72640
Ion Ratio Lower Upper
228 100
226 26.3 21.7 32.5
229 16.7 15.9 23.9

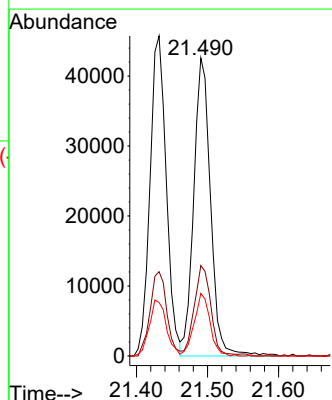
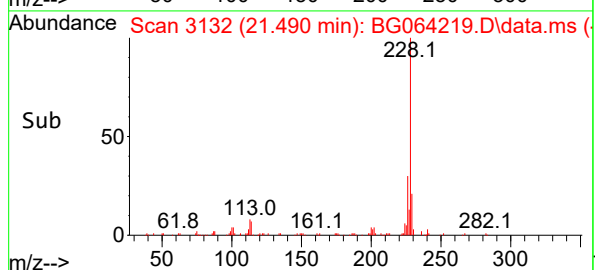
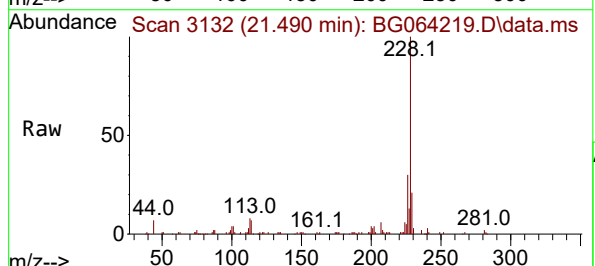
Manual Integrations
APPROVED

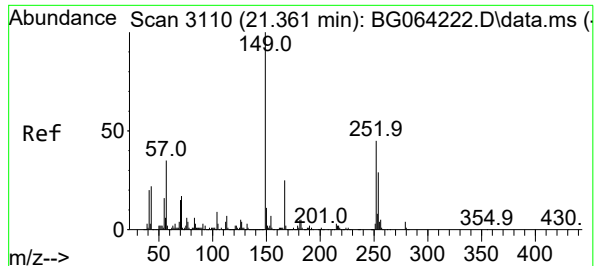
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#83
Chrysene
Concen: 5.199 ng
RT: 21.490 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

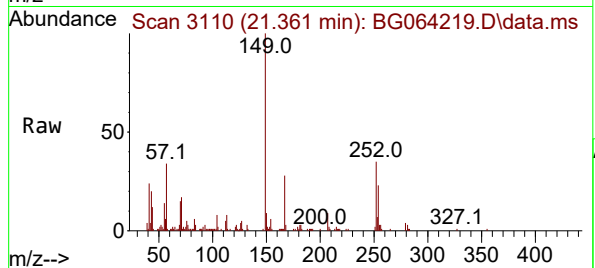
Tgt Ion:228 Resp: 70143
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 21.0 15.4 23.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.000 ng
RT: 21.361 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

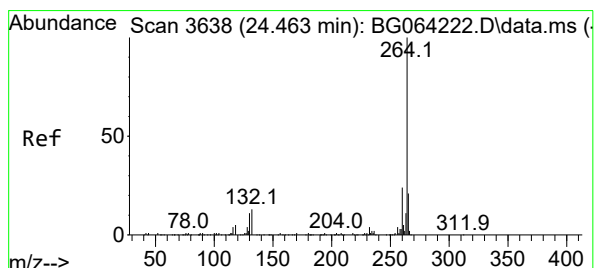
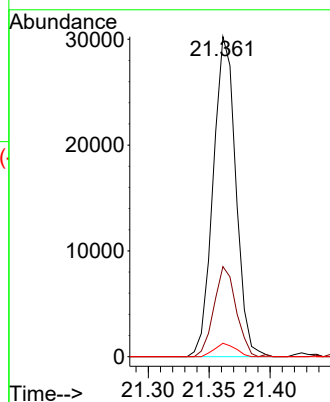
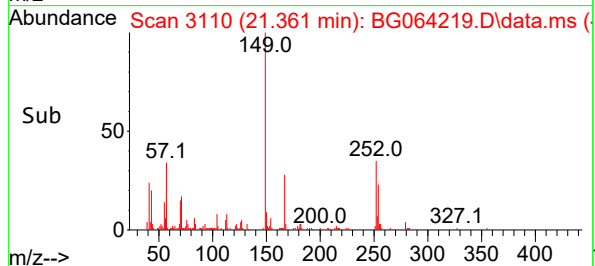
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 39184
Ion Ratio Lower Upper
149 100
167 28.1 20.0 30.0
279 4.2 3.0 4.4

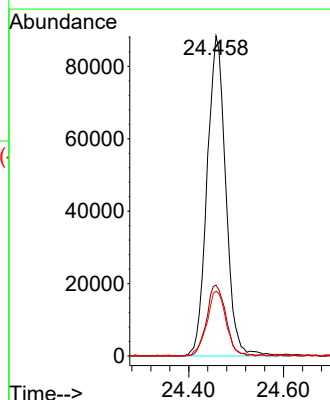
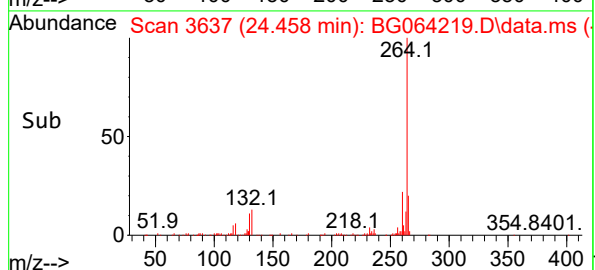
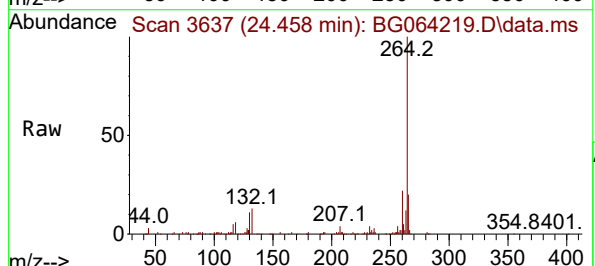
Manual Integrations
APPROVED

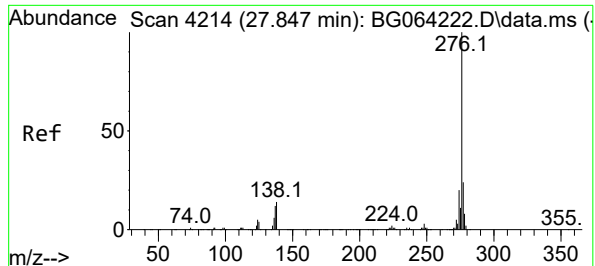
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.458 min Scan# 3637
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:264 Resp: 241429
Ion Ratio Lower Upper
264 100
260 22.1 18.9 28.3
265 20.2 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.812 ng

RT: 27.836 min Scan# 41

Delta R.T. -0.035 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:276 Resp: 7933

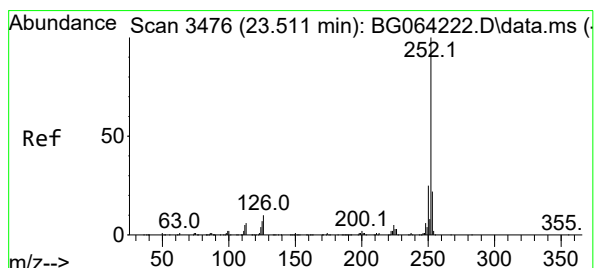
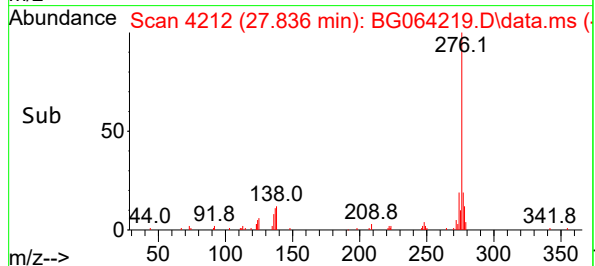
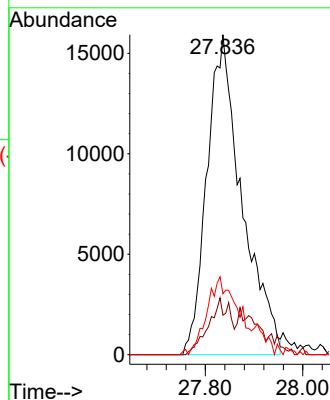
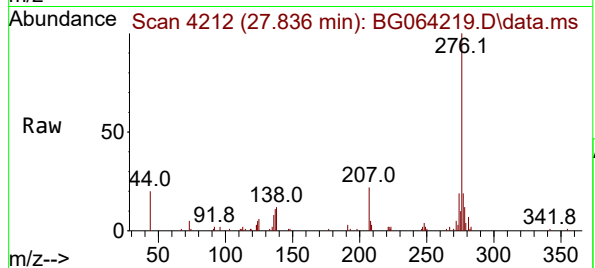
Ion	Ratio	Lower	Upper
276	100		
138	10.8	7.4	11.0
277	21.0	20.5	30.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#88

Benzo(b)fluoranthene

Concen: 4.778 ng

RT: 23.506 min Scan# 3475

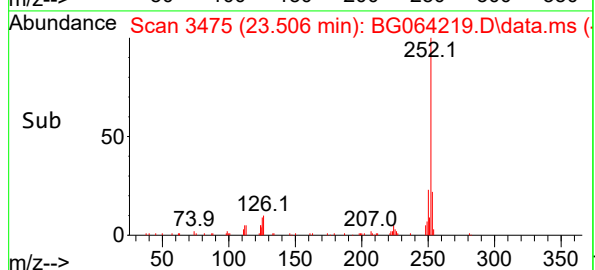
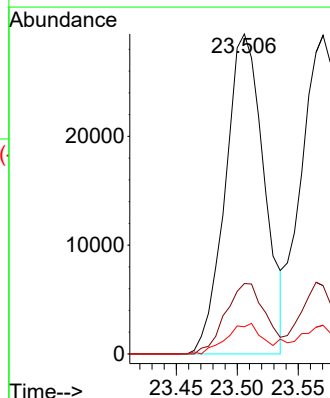
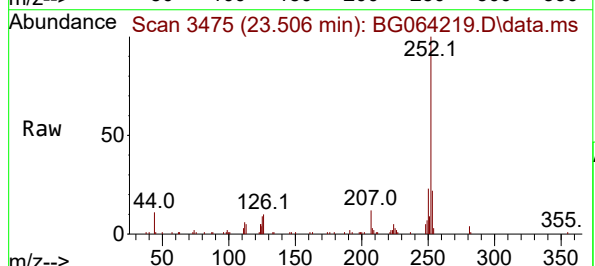
Delta R.T. -0.012 min

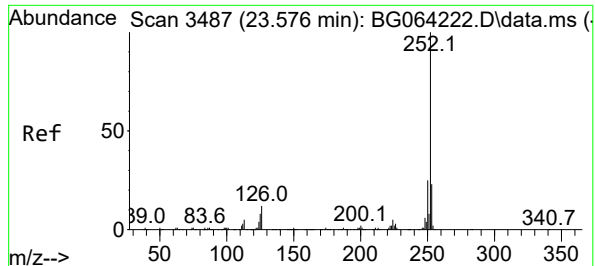
Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Tgt Ion:252 Resp: 65111

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	8.5	5.9	8.9





#89

Benzo(k)fluoranthene

Concen: 5.049 ng

RT: 23.570 min Scan# 34

Delta R.T. -0.017 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

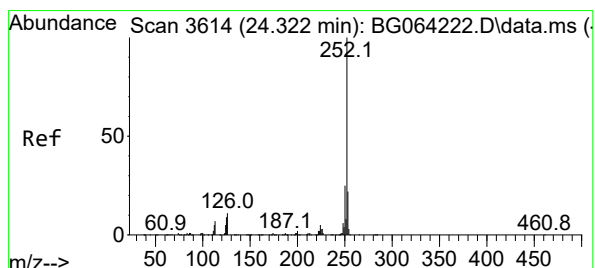
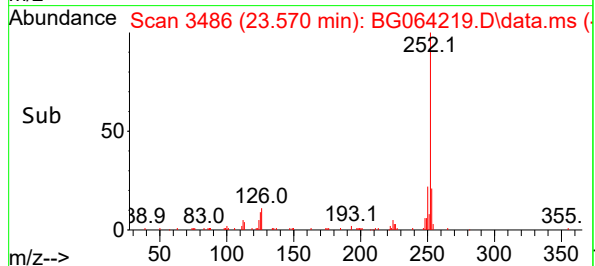
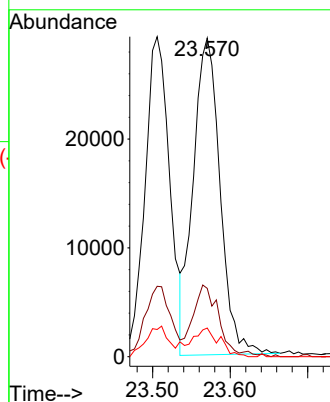
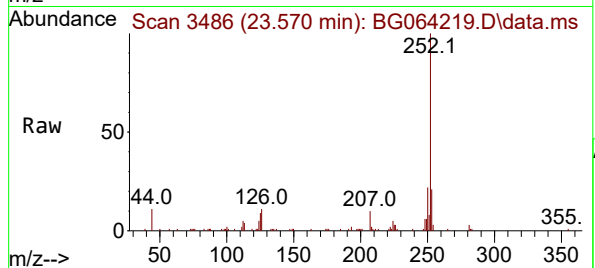
Tgt Ion	252	253	125
Ion Ratio	100	21.5	9.0
Resp	70084	18.2	7.0
Lower			
Upper		27.4	10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#90

Benzo(a)pyrene

Concen: 4.851 ng

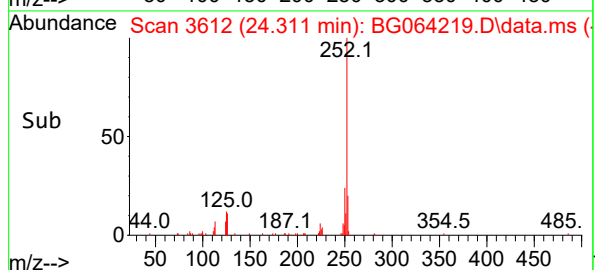
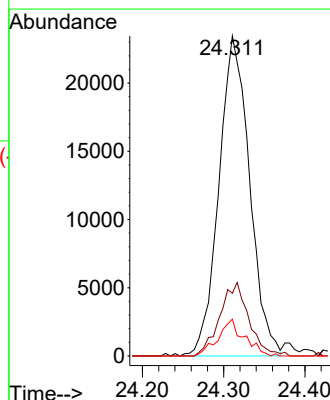
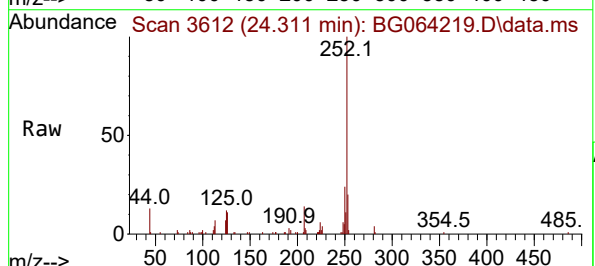
RT: 24.311 min Scan# 3612

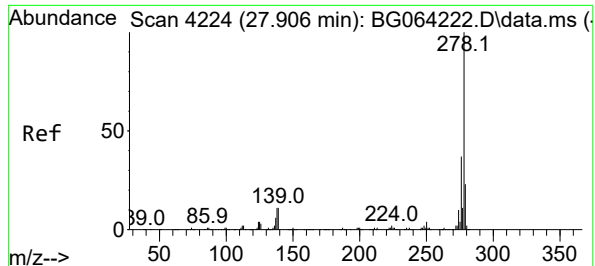
Delta R.T. -0.017 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

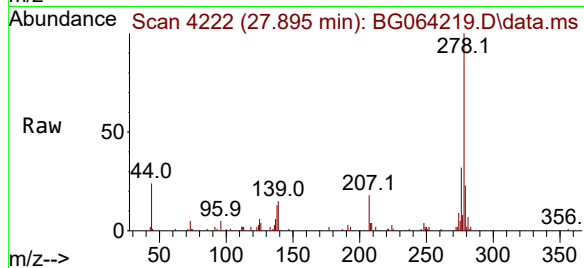
Tgt Ion	252	253	125
Ion Ratio <td>100</td> <td>19.6</td> <td>11.5</td>	100	19.6	11.5
Resp	61491	26.2	7.0
Lower			
Upper		10.6	





#91
Dibenzo(a,h)anthracene
Concen: 4.760 ng
RT: 27.895 min Scan# 41
Delta R.T. -0.029 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

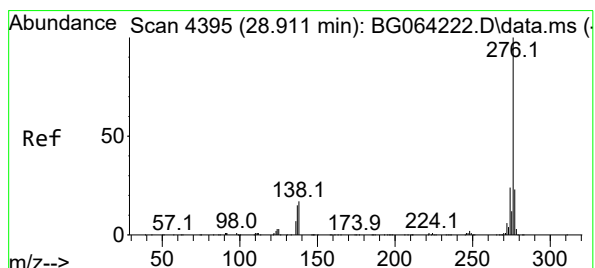
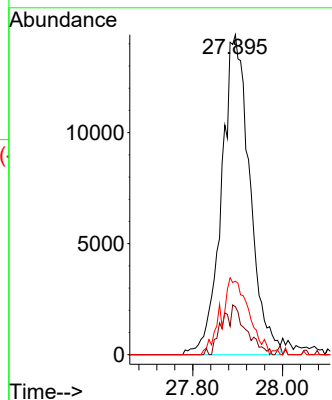
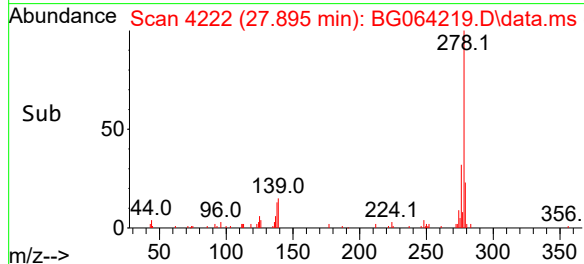
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:278 Resp: 6301
Ion Ratio Lower Upper
278 100
139 15.0 9.0 13.4
279 23.0 18.8 28.2

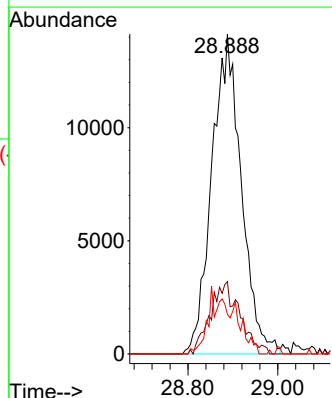
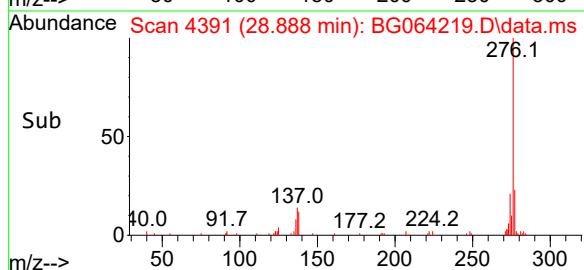
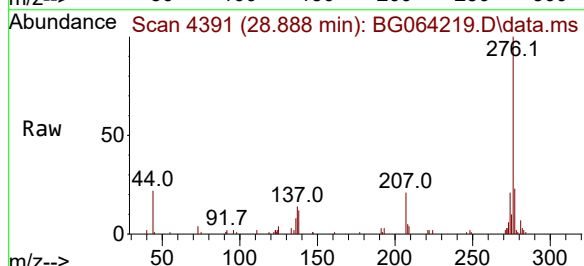
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#92
Benzo(g,h,i)perylene
Concen: 4.999 ng
RT: 28.888 min Scan# 4391
Delta R.T. -0.047 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:276 Resp: 64396
Ion Ratio Lower Upper
276 100
277 22.6 18.2 27.4
138 12.4 13.3 19.9#



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064220.D
 Acq On : 28 Aug 2025 12:12
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:20 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	26130	20.000	ng	0.00
21) Naphthalene-d8	10.641	136	128271	20.000	ng	# 0.00
39) Acenaphthene-d10	14.483	164	94175	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	221898	20.000	ng	0.00
76) Chrysene-d12	21.451	240	230611	20.000	ng	0.00
86) Perylene-d12	24.460	264	253168	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	28574	19.619	ng	0.00
7) Phenol-d6	7.021	99	38784	19.383	ng	0.00
23) Nitrobenzene-d5	9.007	82	43627	18.968	ng	0.00
42) 2,4,6-Tribromophenol	15.964	330	24110	19.328	ng	0.00
45) 2-Fluorobiphenyl	13.102	172	121075	19.623	ng	0.00
79) Terphenyl-d14	19.842	244	224585	20.318	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.361	88	6848	11.281	ng	84
3) Pyridine	3.749	79	17966	10.054	ng	# 53
4) n-Nitrosodimethylamine	3.666	42	11613	9.825	ng	# 94
6) Aniline	7.180	93	26763	9.672	ng	95
8) 2-Chlorophenol	7.427	128	16813	9.447	ng	95
9) Benzaldehyde	6.998	77	15436	9.374	ng	97
10) Phenol	7.045	94	21260	9.637	ng	96
11) bis(2-Chloroethyl)ether	7.280	93	16500	9.953	ng	87
12) 1,3-Dichlorobenzene	7.744	146	19342	10.216	ng	98
13) 1,4-Dichlorobenzene	7.891	146	19887	10.407	ng	93
14) 1,2-Dichlorobenzene	8.208	146	19045	10.327	ng	92
15) Benzyl Alcohol	8.091	79	16948	9.179	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.378	45	38145	10.079	ng	95
17) 2-Methylphenol	8.290	107	16238	9.876	ng	87
18) Hexachloroethane	8.937	117	7549	10.121	ng	92
19) n-Nitroso-di-n-propyla...	8.655	70	15150	9.893	ng	# 95
20) 3+4-Methylphenols	8.619	107	22656	9.917	ng	98
22) Acetophenone	8.672	105	31085	9.579	ng	# 97
24) Nitrobenzene	9.048	77	22299	9.279	ng	98
25) Isophorone	9.571	82	46345	9.695	ng	99
26) 2-Nitrophenol	9.759	139	9333	8.988	ng	# 83
27) 2,4-Dimethylphenol	9.818	122	17379	9.533	ng	95
28) bis(2-Chloroethoxy)met...	10.059	93	25711	9.975	ng	# 96
29) 2,4-Dichlorophenol	10.288	162	17846	9.278	ng	95
30) 1,2,4-Trichlorobenzene	10.505	180	19563	9.646	ng	97
31) Naphthalene	10.693	128	64906	9.758	ng	97
32) Benzoic acid	9.906	122	10223m	7.064	ng	
33) 4-Chloroaniline	10.799	127	24285	9.420	ng	99
34) Hexachlorobutadiene	10.987	225	15152	10.107	ng	# 92
35) Caprolactam	11.545	113	6949	9.330	ng	# 88
36) 4-Chloro-3-methylphenol	11.921	107	24476	9.807	ng	98
37) 2-Methylnaphthalene	12.303	142	47947	9.698	ng	96
38) 1-Methylnaphthalene	12.521	142	48414	9.914	ng	99
40) 1,2,4,5-Tetrachloroben...	12.673	216	26203	9.643	ng	99
41) Hexachlorocyclopentadiene	12.656	237	10398	8.052	ng	93
43) 2,4,6-Trichlorophenol	12.914	196	17055	9.391	ng	87

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064220.D
 Acq On : 28 Aug 2025 12:12
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:20 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	18196	9.236	ng	92
46) 1,1'-Biphenyl	13.314	154	66470	9.691	ng	99
47) 2-Chloronaphthalene	13.355	162	49869	9.671	ng	97
48) 2-Nitroaniline	13.555	65	15487	8.811	ng	94
49) Acenaphthylene	14.201	152	71937	9.437	ng	99
50) Dimethylphthalate	13.937	163	69493	9.749	ng	99
51) 2,6-Dinitrotoluene	14.048	165	12682	9.190	ng	95
52) Acenaphthene	14.542	154	52750	9.806	ng	92
53) 3-Nitroaniline	14.377	138	13157	9.102	ng	94
54) 2,4-Dinitrophenol	14.589	184	4543	10.334	ng	96
55) Dibenzofuran	14.877	168	82692	9.773	ng	97
56) 4-Nitrophenol	14.689	139	9355	7.889	ng	98
57) 2,4-Dinitrotoluene	14.836	165	18726	8.975	ng	# 84
58) Fluorene	15.529	166	69596	10.035	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.106	232	17783	9.385	ng	96
60) Diethylphthalate	15.300	149	74277	9.736	ng	95
61) 4-Chlorophenyl-phenyle...	15.523	204	33756	9.762	ng	93
62) 4-Nitroaniline	15.541	138	12962	8.788	ng	# 88
63) Azobenzene	15.811	77	66963	9.848	ng	96
65) 4,6-Dinitro-2-methylph...	15.599	198	9467	7.431	ng	89
66) n-Nitrosodiphenylamine	15.735	169	57515	9.422	ng	97
67) 4-Bromophenyl-phenylether	16.416	248	23643	10.032	ng	94
68) Hexachlorobenzene	16.534	284	25688	9.815	ng	100
69) Atrazine	16.681	200	25479	9.997	ng	90
70) Pentachlorophenol	16.874	266	12208	7.693	ng	# 83
71) Phenanthrene	17.262	178	114456	9.780	ng	99
72) Anthracene	17.350	178	116836	9.814	ng	96
73) Carbazole	17.621	167	100709	9.603	ng	99
74) Di-n-butylphthalate	18.191	149	120797	9.587	ng	97
75) Fluoranthene	19.272	202	134413	9.767	ng	98
77) Benzidine	19.454	184	52385	10.798	ng	99
78) Pyrene	19.636	202	142485	9.807	ng	97
80) Butylbenzylphthalate	20.535	149	50791	9.269	ng	92
81) Benzo(a)anthracene	21.428	228	142752	9.676	ng	97
82) 3,3'-Dichlorobenzidine	21.352	252	46265	9.629	ng	97
83) Chrysene	21.493	228	138050	9.747	ng	100
84) Bis(2-ethylhexyl)phtha...	21.363	149	78558	9.549	ng	97
85) Di-n-octyl phthalate	22.503	149	133728	9.329	ng	100
87) Indeno(1,2,3-cd)pyrene	27.832	276	164791	9.531	ng	99
88) Benzo(b)fluoranthene	23.508	252	136893	9.581	ng	95
89) Benzo(k)fluoranthene	23.567	252	142634	9.798	ng	96
90) Benzo(a)pyrene	24.313	252	123820	9.316	ng	100
91) Dibenzo(a,h)anthracene	27.891	278	130614	9.409	ng	96
92) Benzo(g,h,i)perylene	28.896	276	130254	9.643	ng	99

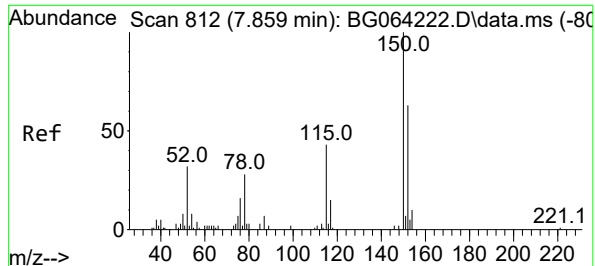
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Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

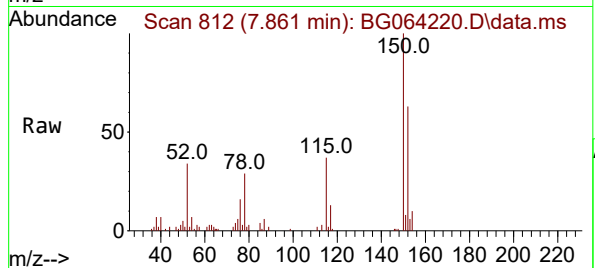
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jaagrut Upadhyay 08/29/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

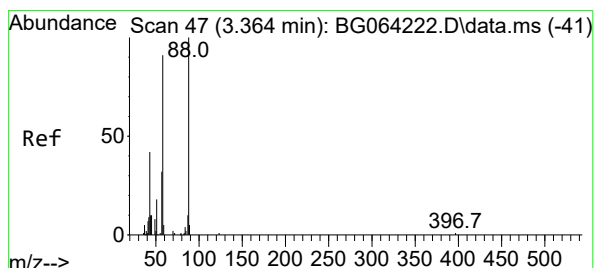
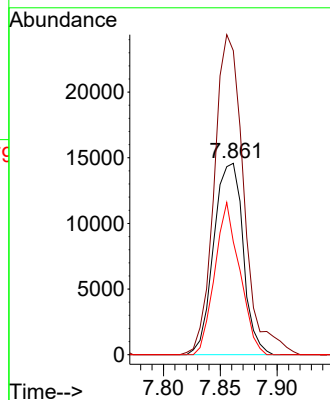
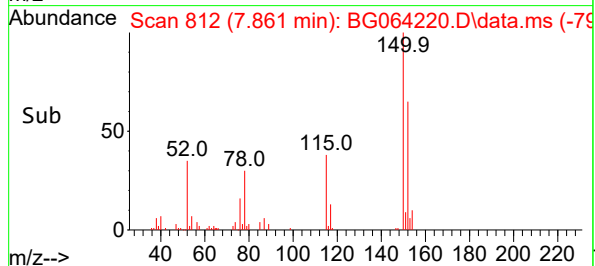
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 26130
Ion Ratio Lower Upper
152 100
150 158.8 128.0 192.0
115 58.9 55.7 83.5

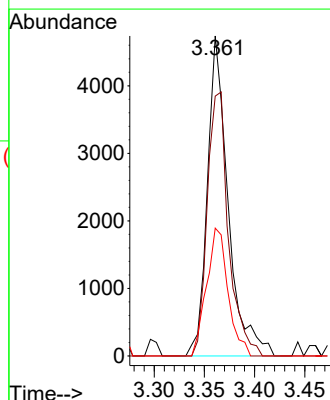
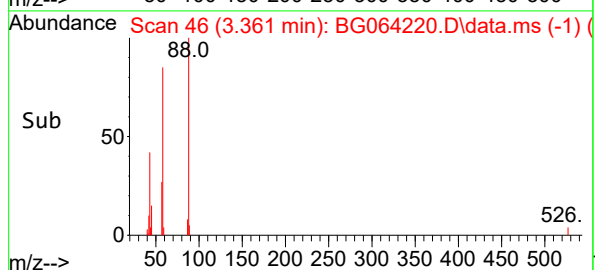
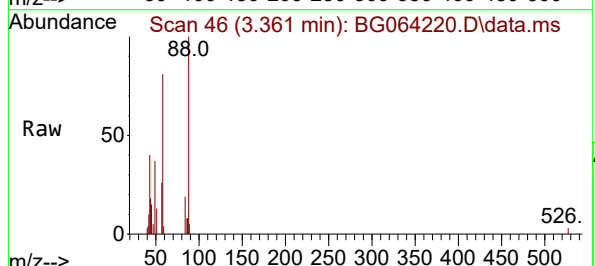
Manual Integrations
APPROVED

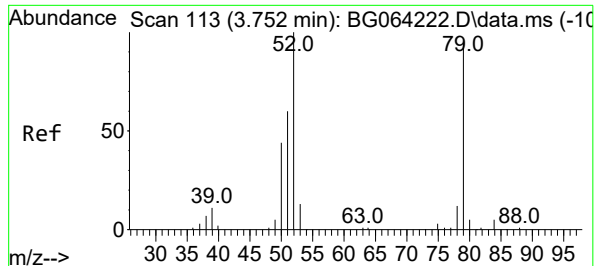
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#2
1,4-Dioxane
Concen: 11.281 ng
RT: 3.361 min Scan# 46
Delta R.T. 0.002 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

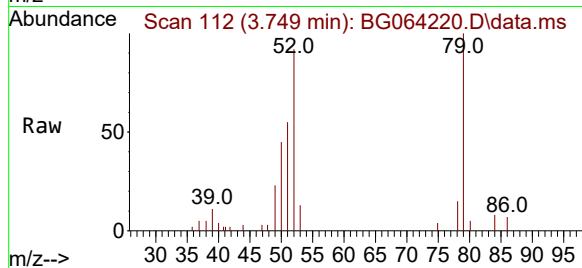
Tgt Ion: 88 Resp: 6848
Ion Ratio Lower Upper
88 100
58 84.2 80.8 121.2
43 41.3 40.3 60.5





#3
Pyridine
Concen: 10.054 ng
RT: 3.749 min Scan# 113
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

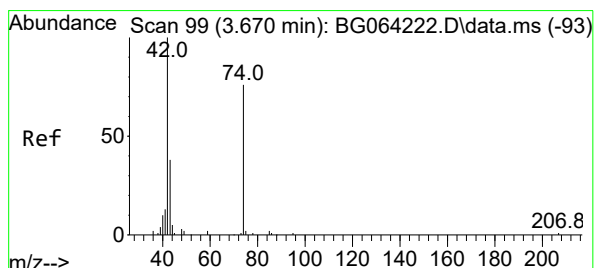
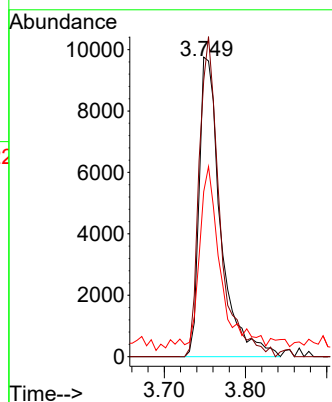
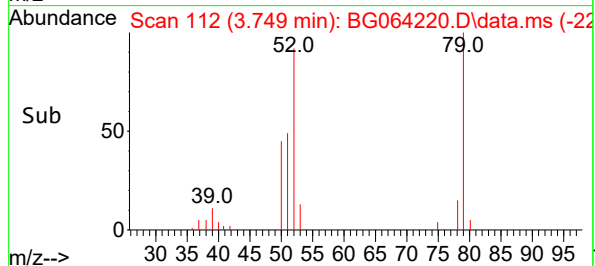
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion: 79 Resp: 1796
Ion Ratio Lower Upper
79 100
52 92.2 86.6 129.8
51 55.2 114.1 171.1

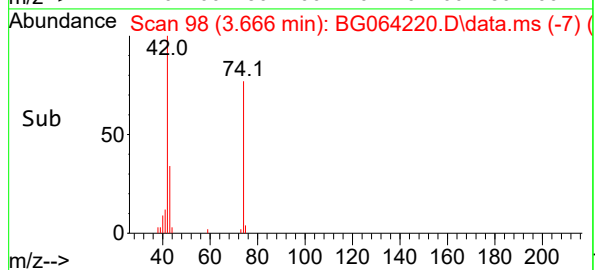
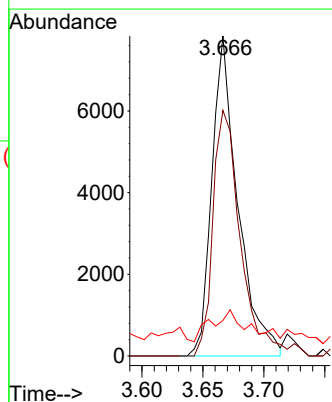
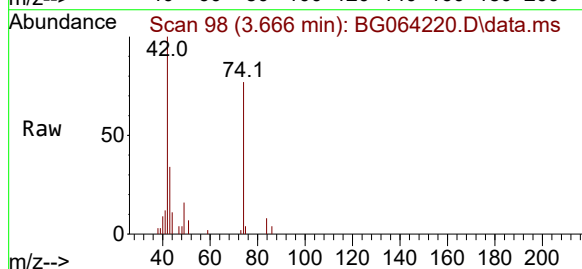
Manual Integrations
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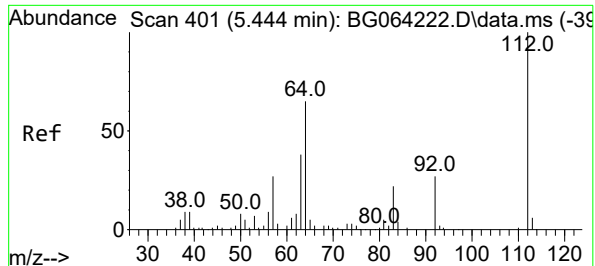
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#4
n-Nitrosodimethylamine
Concen: 9.825 ng
RT: 3.666 min Scan# 98
Delta R.T. 0.002 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

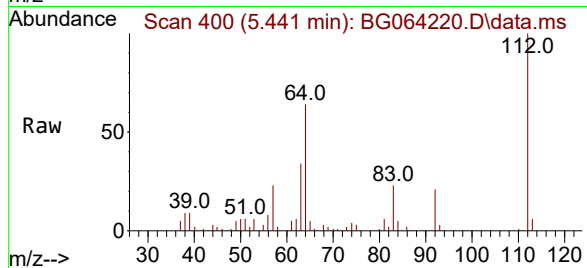
Tgt Ion: 42 Resp: 11613
Ion Ratio Lower Upper
42 100
74 76.7 58.0 87.0
44 11.1 5.5 8.3





#5
2-Fluorophenol
Concen: 19.619 ng
RT: 5.441 min Scan# 401
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

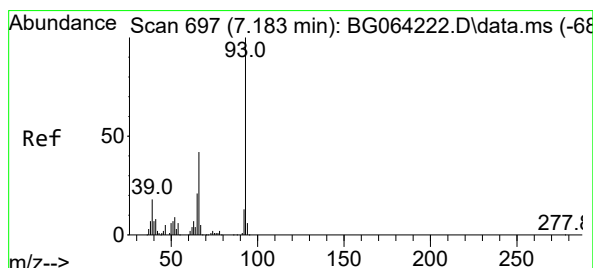
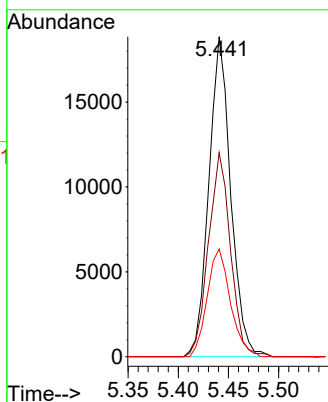
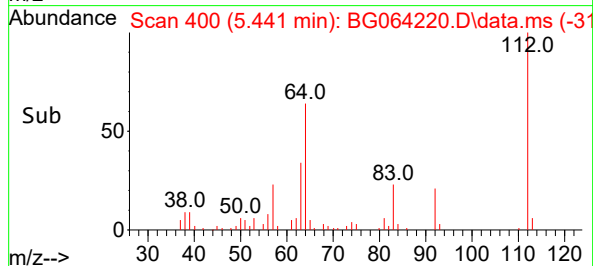
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:112 Resp: 28574
Ion Ratio Lower Upper
112 100
64 63.8 51.8 77.6
63 33.7 30.6 45.8

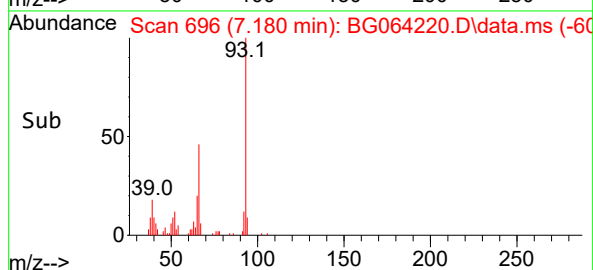
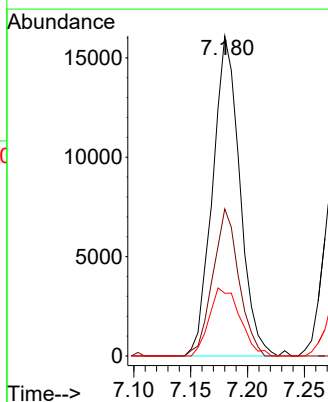
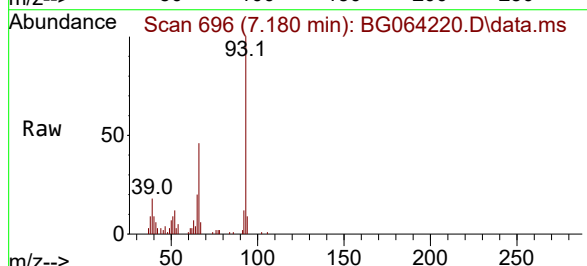
Manual Integrations
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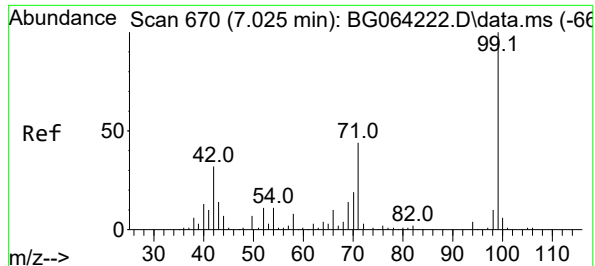
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#6
Aniline
Concen: 9.672 ng
RT: 7.180 min Scan# 696
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion: 93 Resp: 26763
Ion Ratio Lower Upper
93 100
66 46.0 33.8 50.8
65 19.6 16.9 25.3





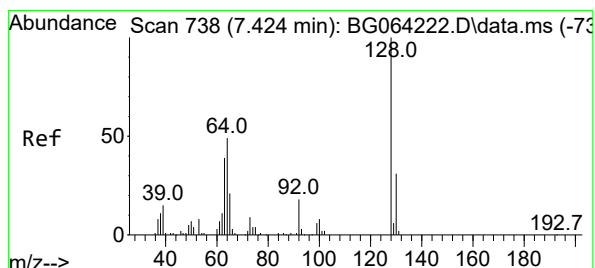
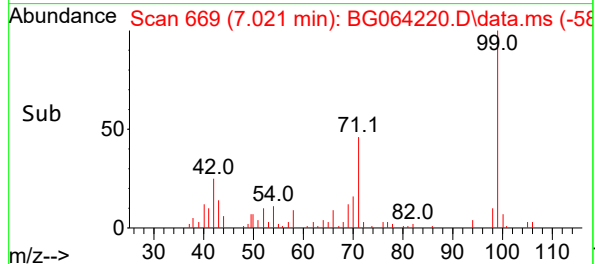
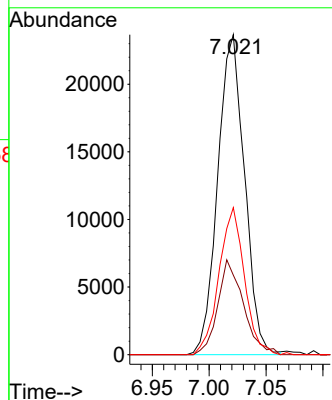
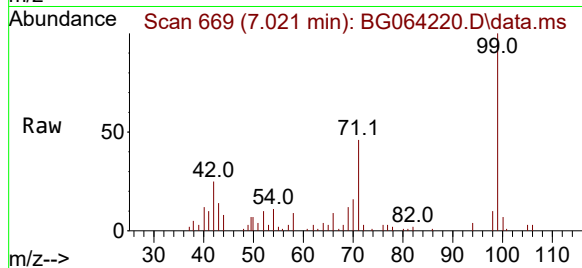
#7
Phenol-d6
Concen: 19.383 ng
RT: 7.021 min Scan# 609
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 38784
Ion Ratio Lower Upper
99 100
42 24.8 25.8 38.8
71 45.9 35.2 52.8

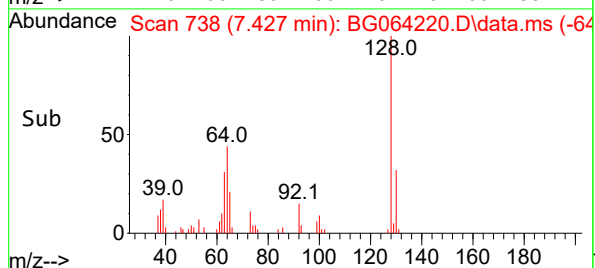
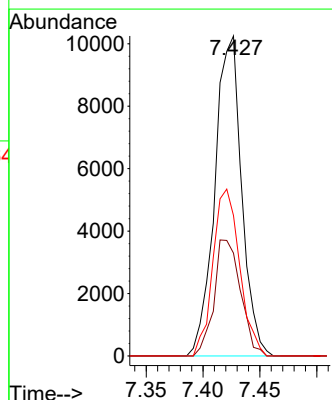
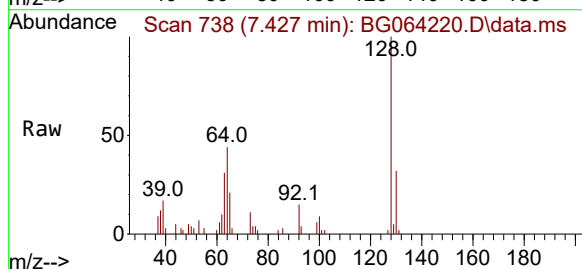
Manual Integrations
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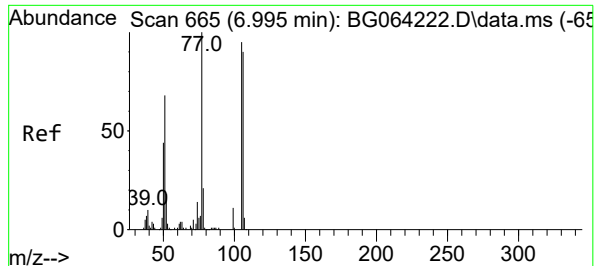
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#8
2-Chlorophenol
Concen: 9.447 ng
RT: 7.427 min Scan# 738
Delta R.T. 0.002 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:128 Resp: 16813
Ion Ratio Lower Upper
128 100
130 32.1 10.9 50.9
64 43.9 28.7 68.7





#9

Benzaldehyde

Concen: 9.374 ng

RT: 6.998 min Scan# 60

Delta R.T. 0.003 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion: 77 Resp: 15430

Ion Ratio Lower Upper

77 100

105 100.0 75.2 115.2

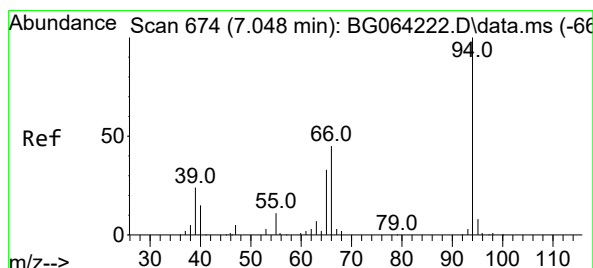
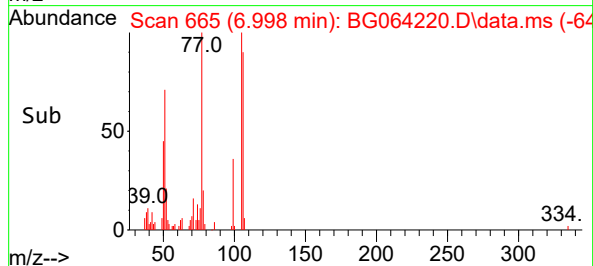
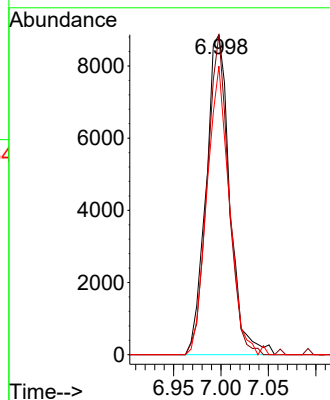
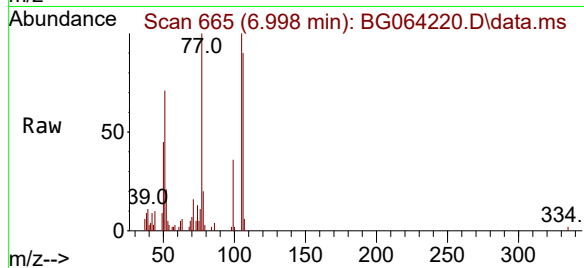
106 90.1 69.6 109.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#10

Phenol

Concen: 9.637 ng

RT: 7.045 min Scan# 673

Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

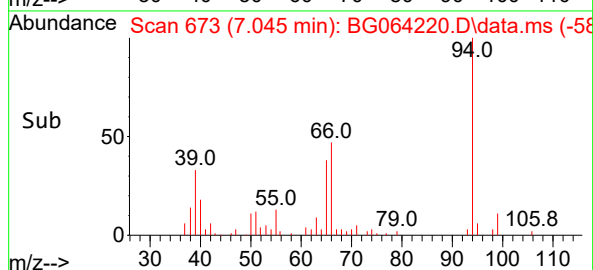
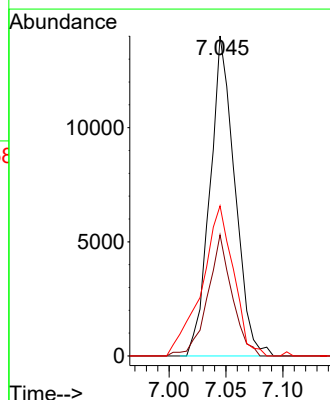
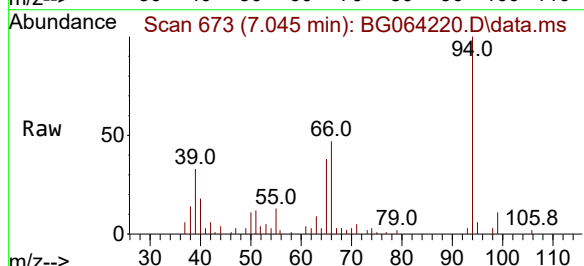
Tgt Ion: 94 Resp: 21260

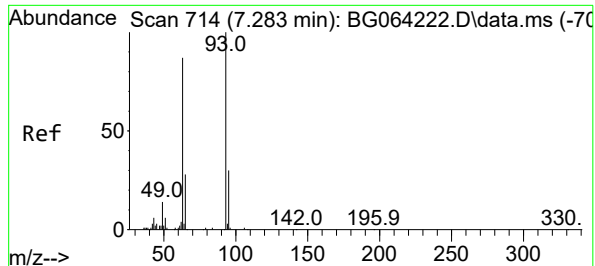
Ion Ratio Lower Upper

94 100

65 37.9 13.5 53.5

66 46.9 26.2 66.2





#11

bis(2-Chloroethyl)ether

Concen: 9.953 ng

RT: 7.280 min Scan# 714

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion: 93 Resp: 16500

Ion Ratio Lower Upper

93 100

63 98.6 66.2 106.2

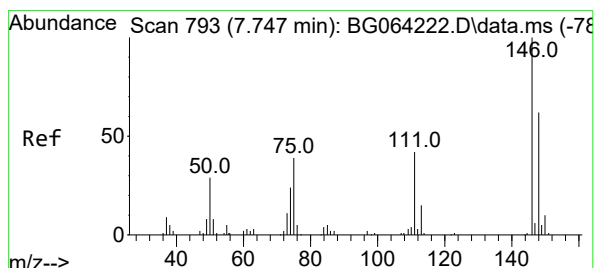
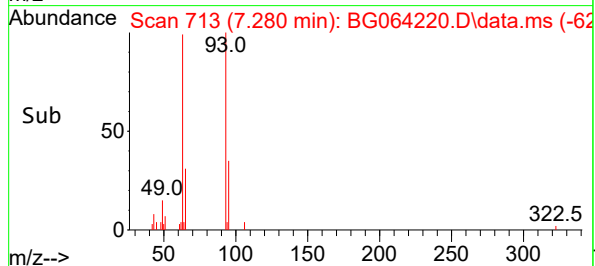
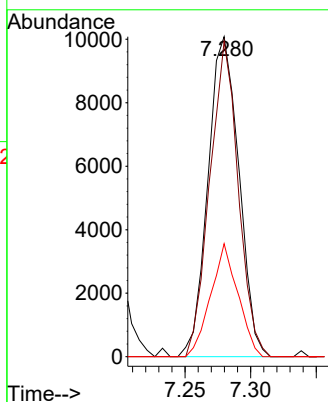
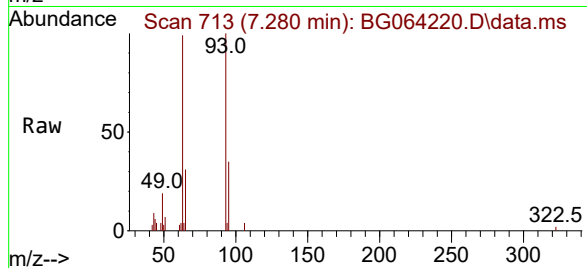
95 35.3 9.8 49.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#12

1,3-Dichlorobenzene

Concen: 10.216 ng

RT: 7.744 min Scan# 792

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

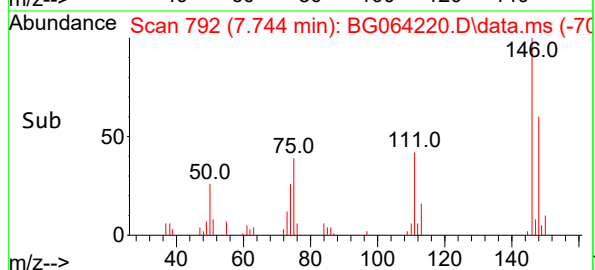
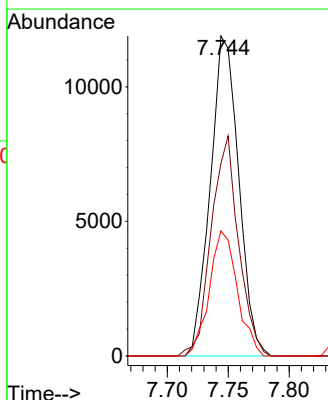
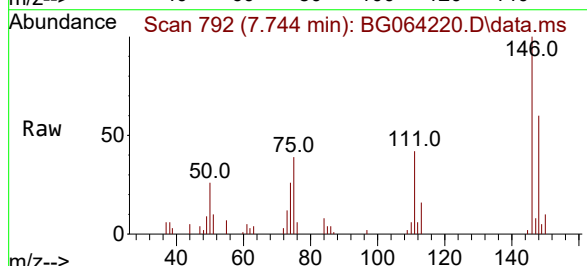
Tgt Ion:146 Resp: 19342

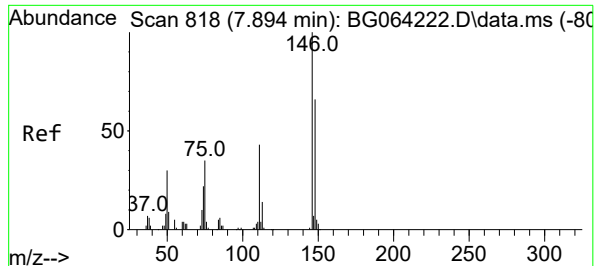
Ion Ratio Lower Upper

146 100

148 60.1 49.6 74.4

75 39.1 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 10.407 ng

RT: 7.891 min Scan# 818

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 1988

Ion Ratio Lower Upper

146 100

148 58.6 52.8 79.2

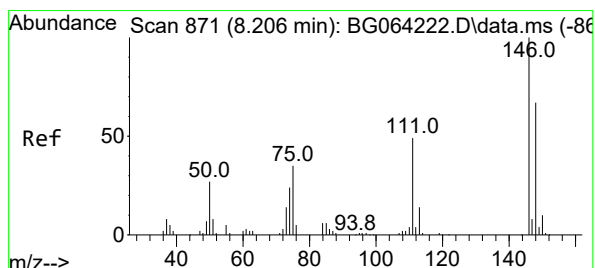
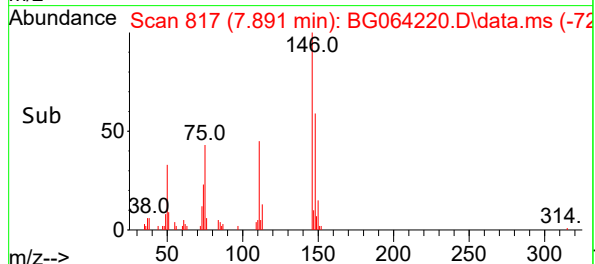
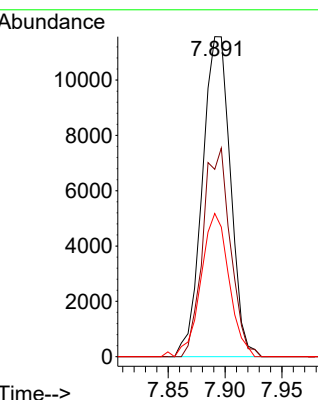
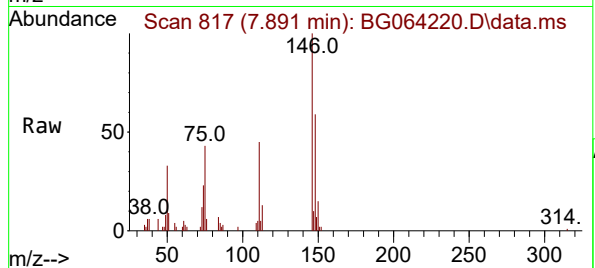
111 44.8 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#14

1,2-Dichlorobenzene

Concen: 10.327 ng

RT: 8.208 min Scan# 871

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

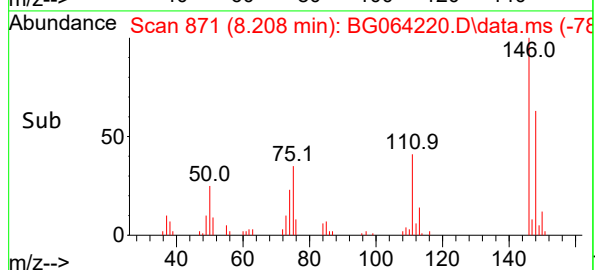
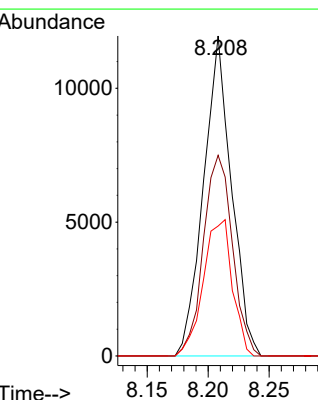
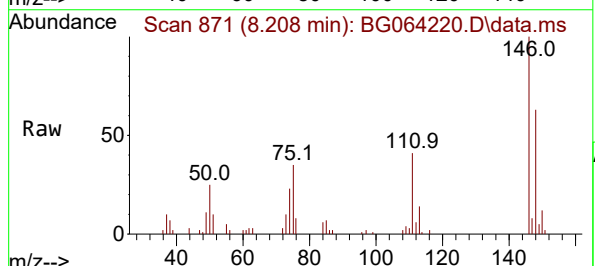
Tgt Ion:146 Resp: 19045

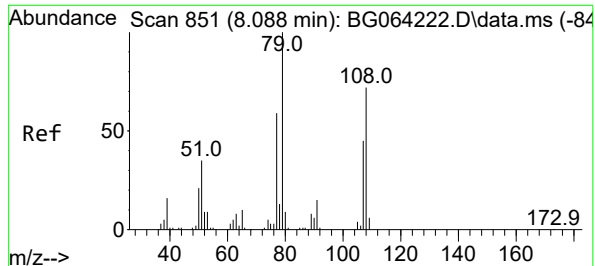
Ion Ratio Lower Upper

146 100

148 62.7 53.4 80.0

111 40.6 39.1 58.7





#15

Benzyl Alcohol

Concen: 9.179 ng

RT: 8.091 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 1694

Ion Ratio Lower Upper

79 100

108 78.6 57.4 86.0

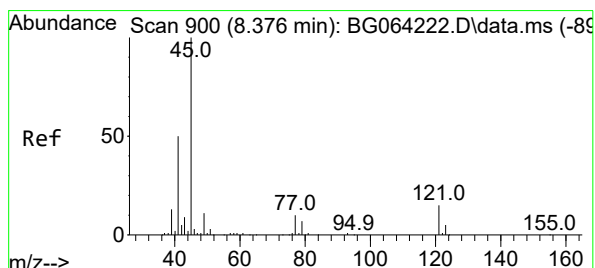
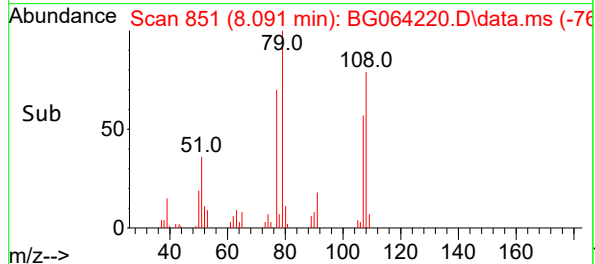
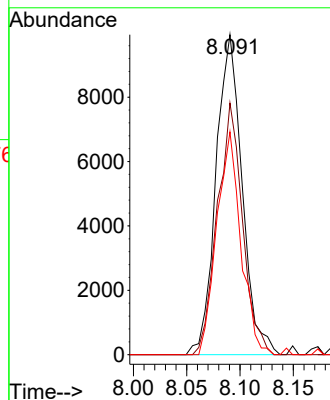
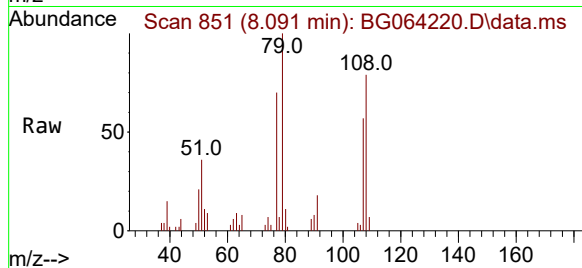
77 69.6 47.2 70.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.079 ng

RT: 8.378 min Scan# 900

Delta R.T. 0.002 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

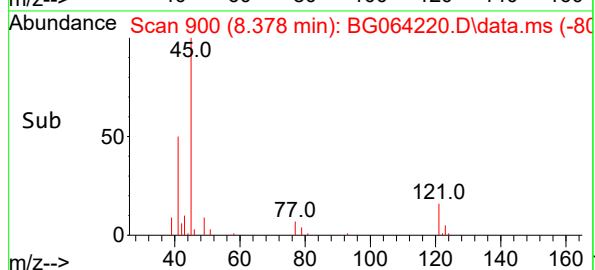
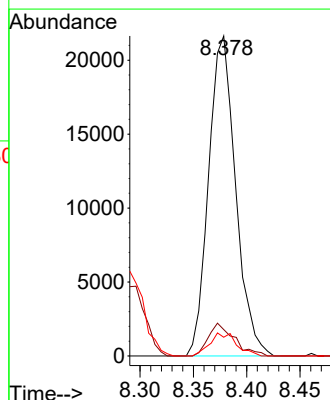
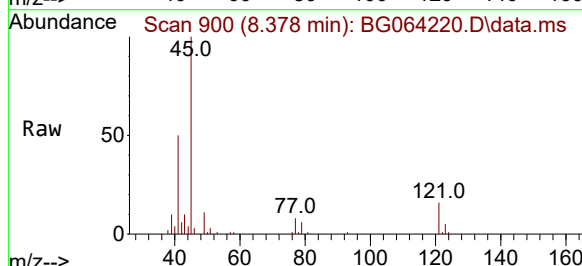
Tgt Ion: 45 Resp: 38145

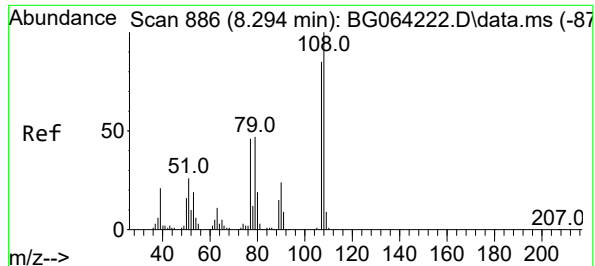
Ion Ratio Lower Upper

45 100

77 8.3 0.0 30.0

79 5.8 0.0 27.9





#17

2-Methylphenol

Concen: 9.876 ng

RT: 8.290 min Scan# 886

Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:107 Resp: 16238

Ion Ratio Lower Upper

107 100

108 99.2 94.6 141.8

77 44.6 43.7 65.5

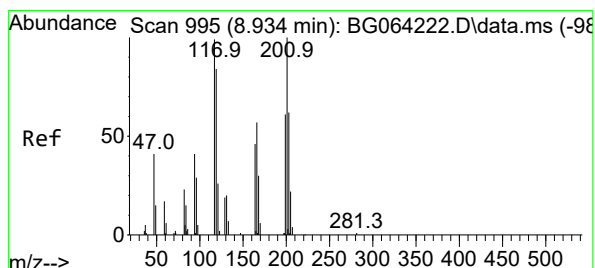
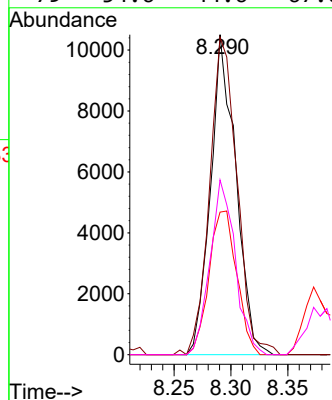
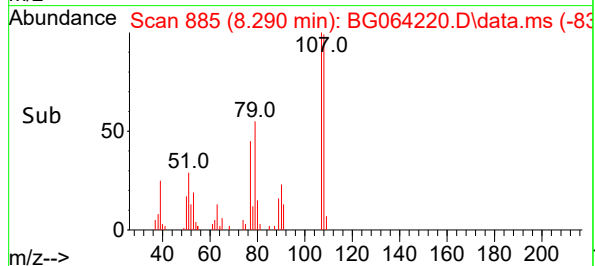
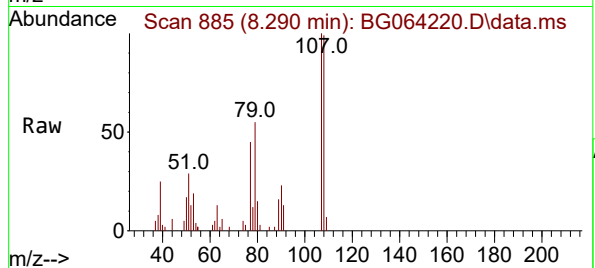
79 54.6 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#18

Hexachloroethane

Concen: 10.121 ng

RT: 8.937 min Scan# 995

Delta R.T. 0.002 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

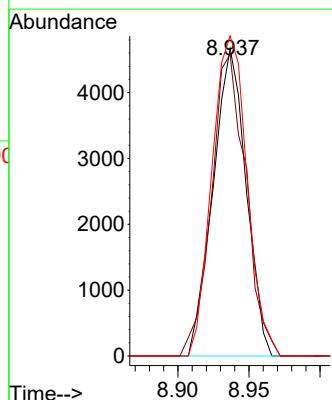
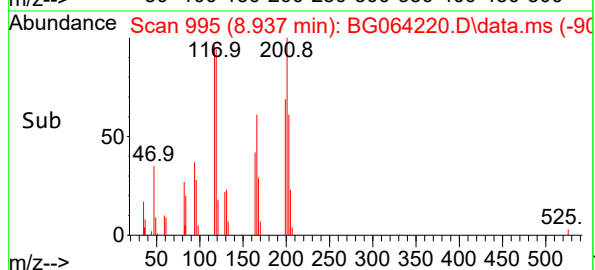
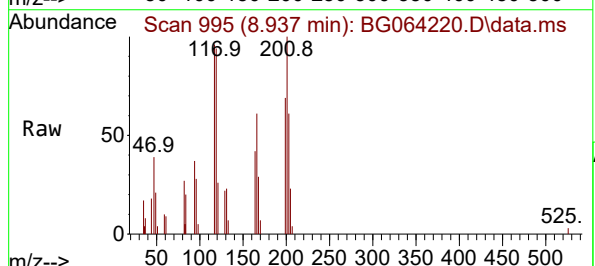
Tgt Ion:117 Resp: 7549

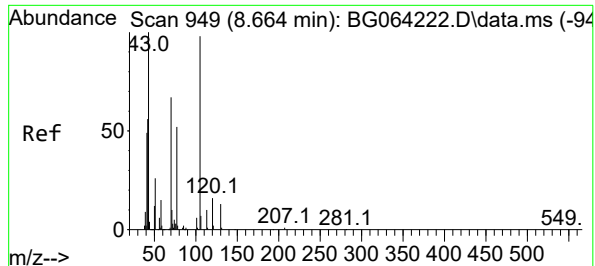
Ion Ratio Lower Upper

117 100

119 98.1 67.9 101.9

201 104.0 80.5 120.7





#19

n-Nitroso-di-n-propylamine

Concen: 9.893 ng

RT: 8.655 min Scan# 94

Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 15150

Ion Ratio Lower Upper

70 100

42 89.9 67.9 101.9

101 6.9 7.3 10.9

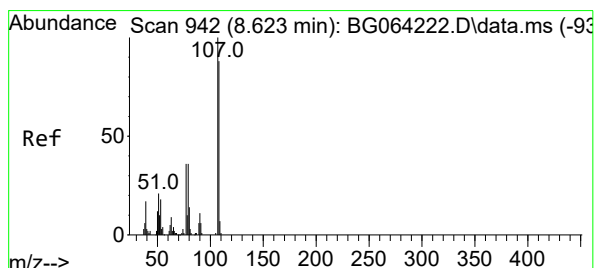
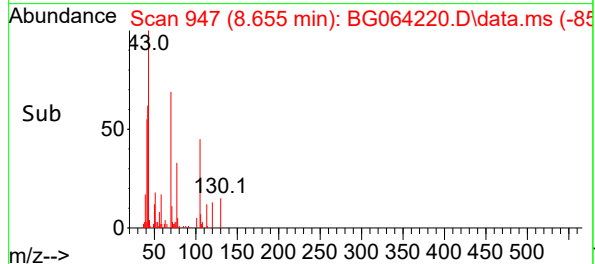
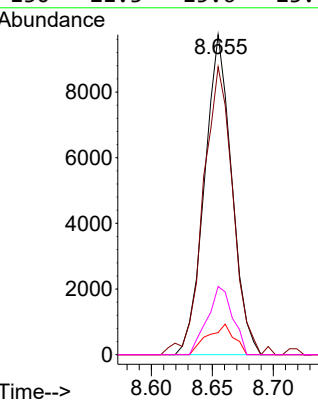
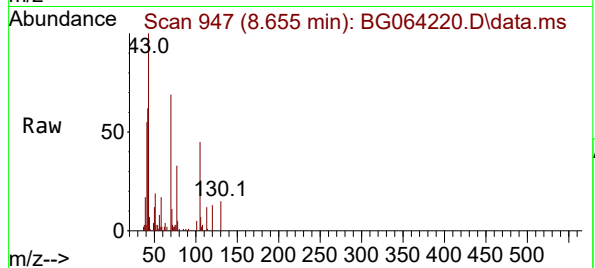
130 21.3 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#20

3+4-Methylphenols

Concen: 9.917 ng

RT: 8.619 min Scan# 941

Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Tgt Ion:107 Resp: 22656

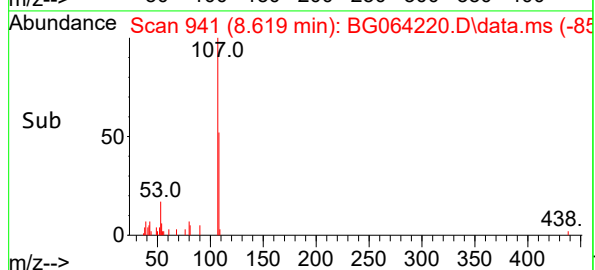
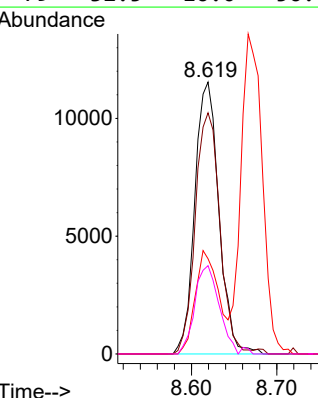
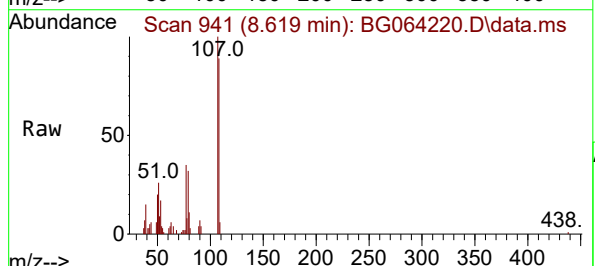
Ion Ratio Lower Upper

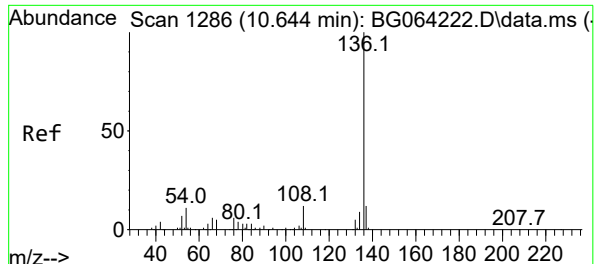
107 100

108 88.7 68.1 108.1

77 35.0 15.9 55.9

79 32.5 16.0 56.0





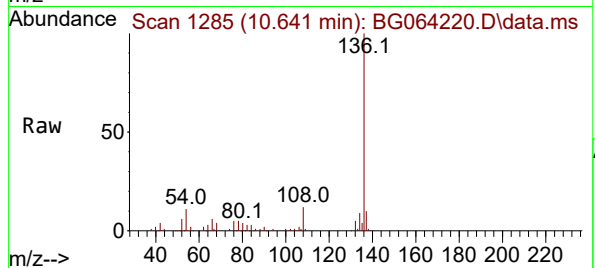
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.641 min Scan# 12827
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

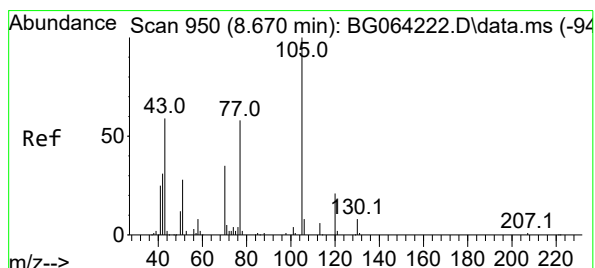
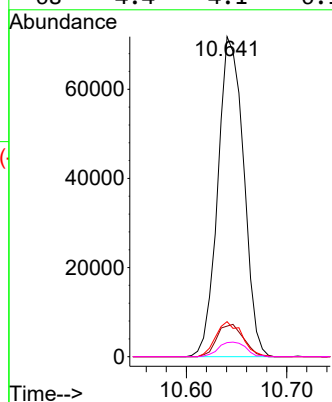
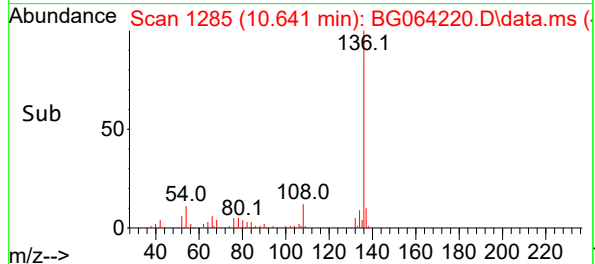


Tgt Ion:136 Resp: 12827
Ion Ratio Lower Upper
136 100
137 9.6 9.6 14.4
54 11.0 8.8 13.2
68 4.4 4.1 6.1

Manual Integrations

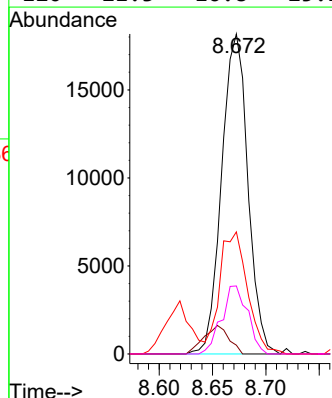
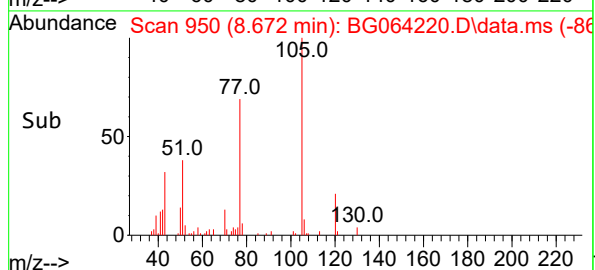
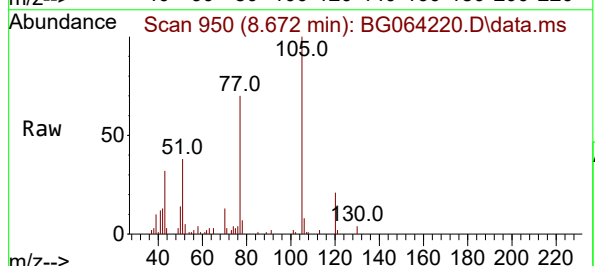
APPROVED

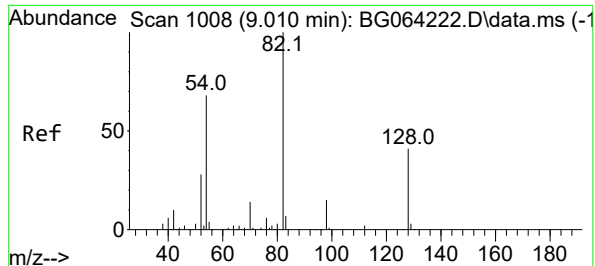
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#22
Acetophenone
Concen: 9.579 ng
RT: 8.672 min Scan# 950
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:105 Resp: 31085
Ion Ratio Lower Upper
105 100
71 2.8 4.3 6.5
51 38.2 32.4 48.6
120 21.3 16.8 25.2





#23

Nitrobenzene-d5

Concen: 18.968 ng

RT: 9.007 min Scan# 1007

Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

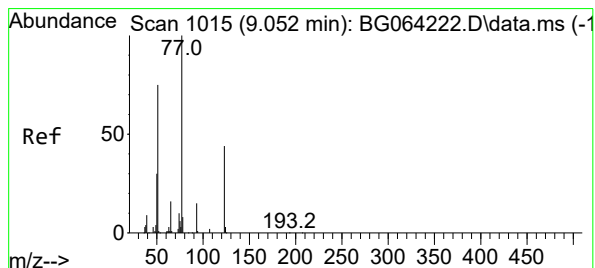
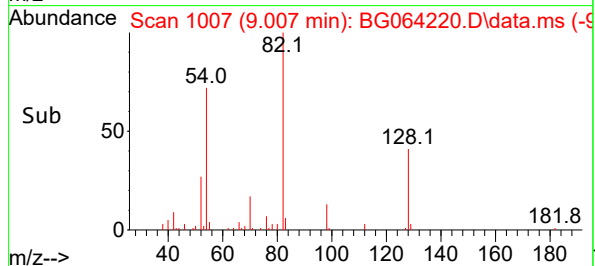
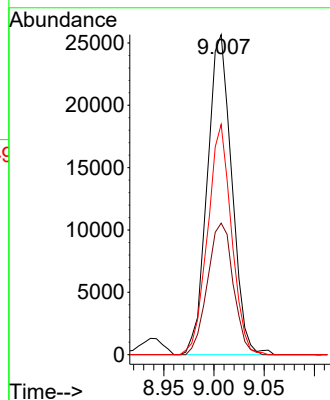
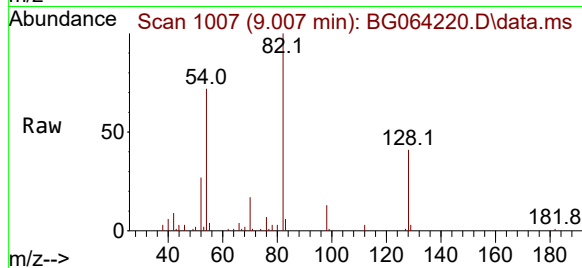
SSTDICC010

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.6	48.8
54	71.9	54.7	82.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#24

Nitrobenzene

Concen: 9.279 ng

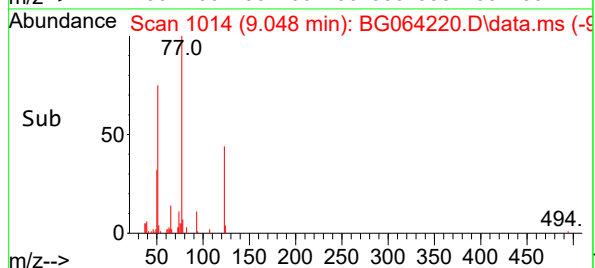
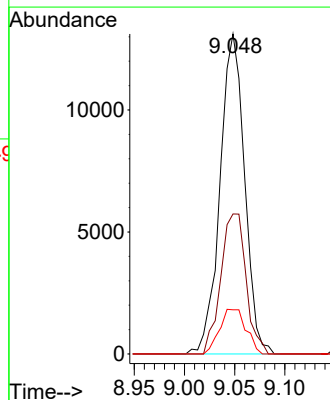
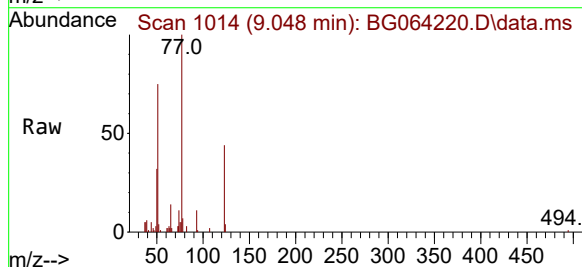
RT: 9.048 min Scan# 1014

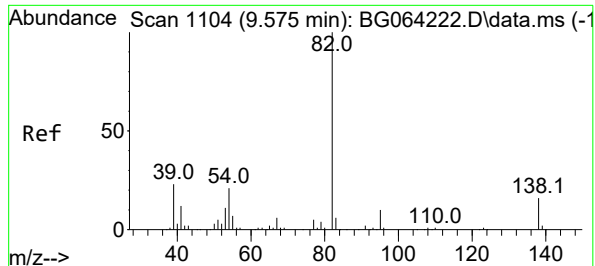
Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

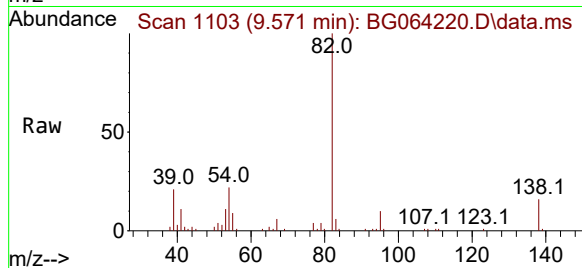
Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.7	35.2	52.8
65	13.8	12.6	19.0





#25
Isophorone
Concen: 9.695 ng
RT: 9.571 min Scan# 1103
Delta R.T. -0.015 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

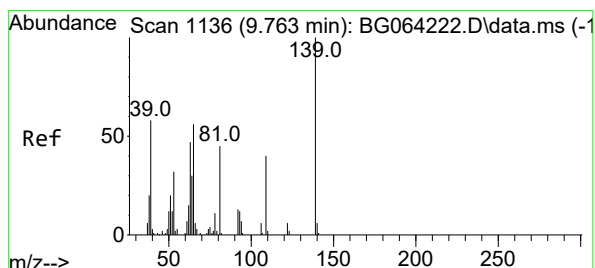
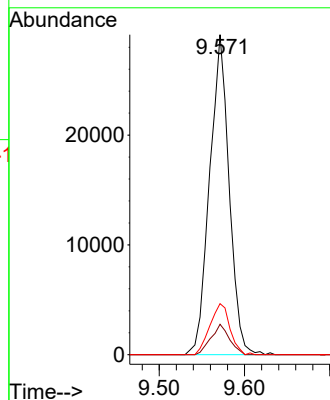
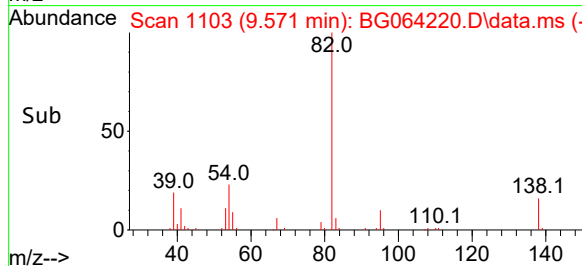
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 4634
Ion Ratio Lower Upper
82 100
95 9.5 7.9 11.9
138 15.9 13.0 19.4

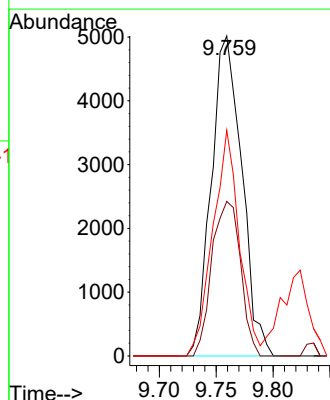
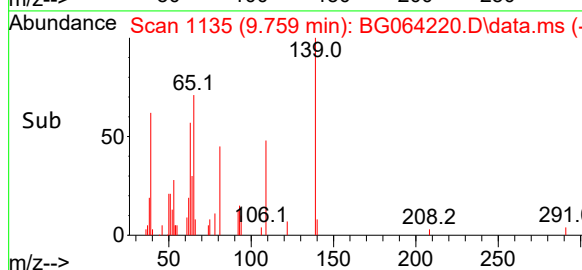
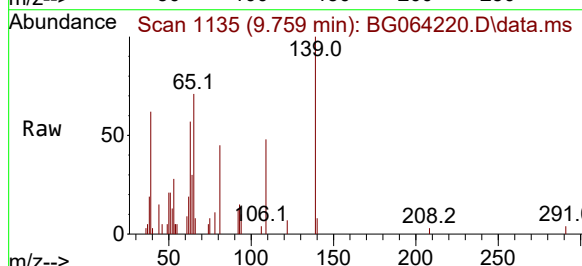
Manual Integrations
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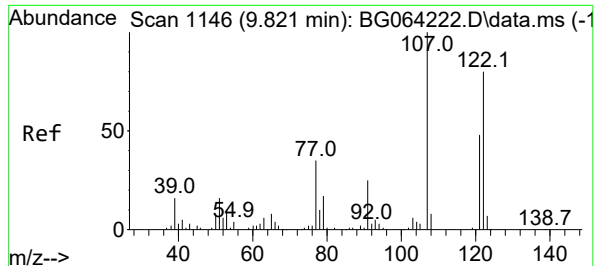
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#26
2-Nitrophenol
Concen: 8.988 ng
RT: 9.759 min Scan# 1135
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:139 Resp: 9333
Ion Ratio Lower Upper
139 100
109 48.3 32.4 48.6
65 70.5 44.6 67.0#





#27

2,4-Dimethylphenol

Concen: 9.533 ng

RT: 9.818 min Scan# 1146

Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

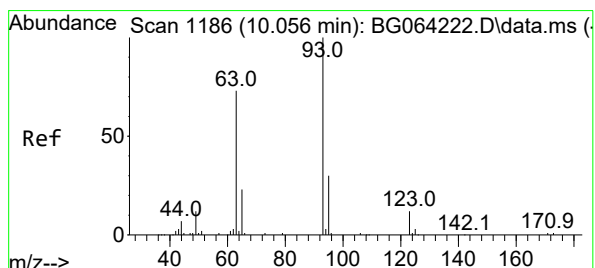
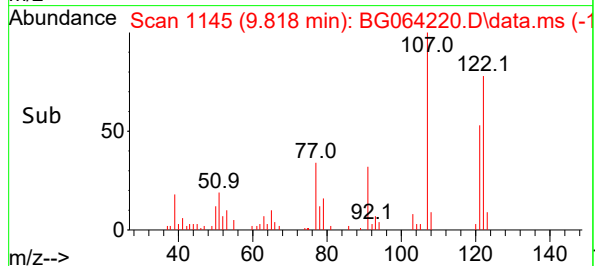
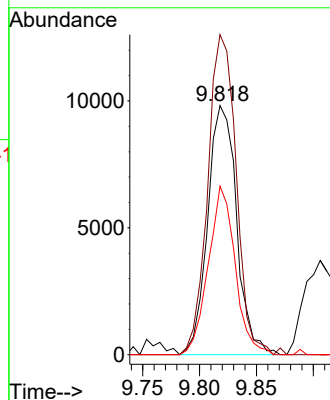
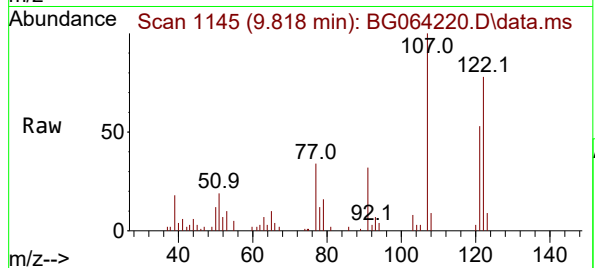
Tgt Ion:122 Resp: 17379
Ion Ratio Lower Upper
122 100
107 128.4 99.9 149.9
121 67.7 48.6 72.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#28

bis(2-Chloroethoxy)methane

Concen: 9.975 ng

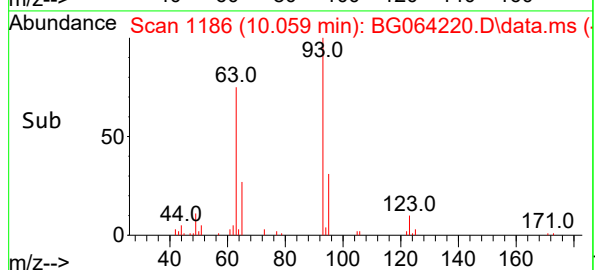
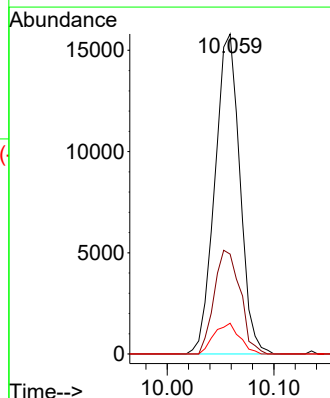
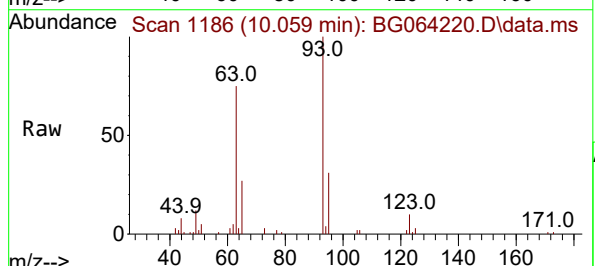
RT: 10.059 min Scan# 1186

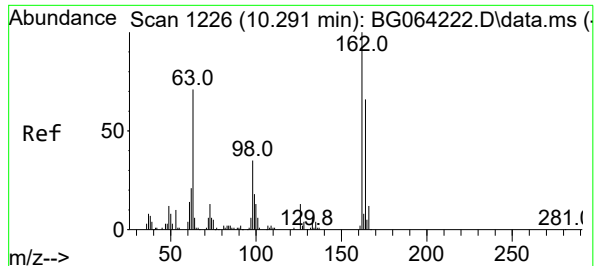
Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Tgt Ion: 93 Resp: 25711
Ion Ratio Lower Upper
93 100
95 31.2 23.9 35.9
123 9.6 9.6 14.4#





#29

2,4-Dichlorophenol

Concen: 9.278 ng

RT: 10.288 min Scan# 1225

Delta R.T. -0.009 min

Lab File: BG064220.D

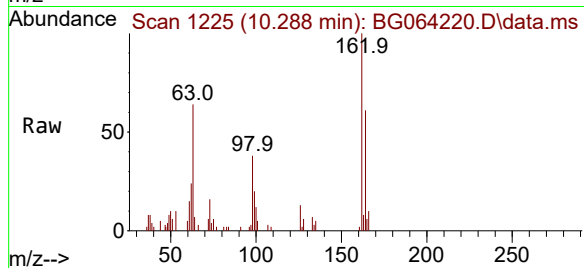
Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010



Tgt Ion:162 Resp: 17840

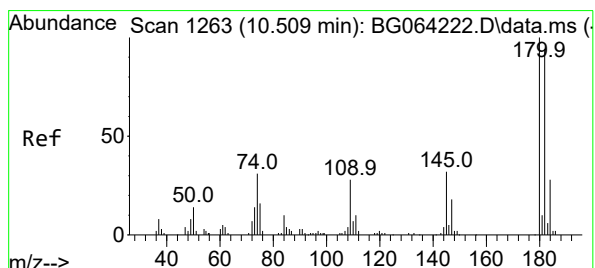
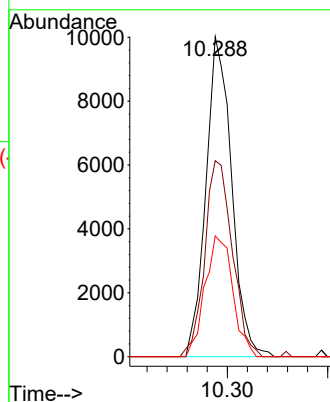
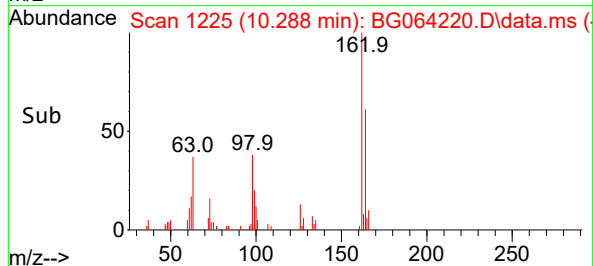
Ion	Ratio	Lower	Upper
162	100		
164	61.3	45.8	85.8
98	37.8	15.2	55.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#30

1,2,4-Trichlorobenzene

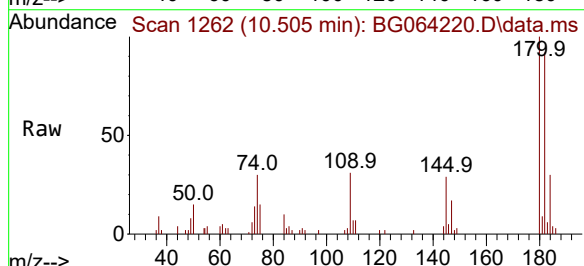
Concen: 9.646 ng

RT: 10.505 min Scan# 1262

Delta R.T. -0.004 min

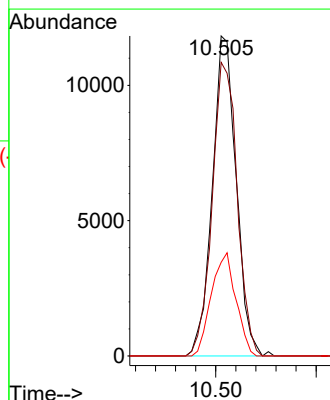
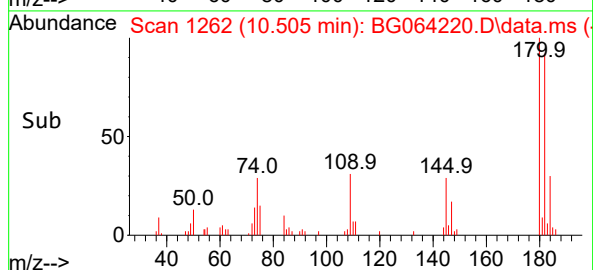
Lab File: BG064220.D

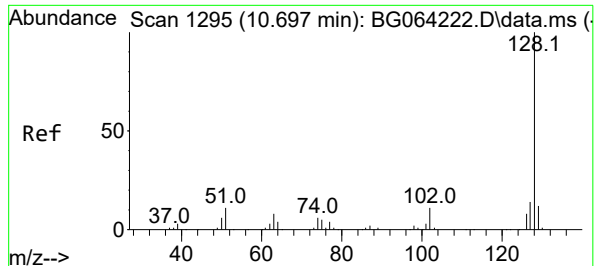
Acq: 28 Aug 2025 12:12



Tgt Ion:180 Resp: 19563

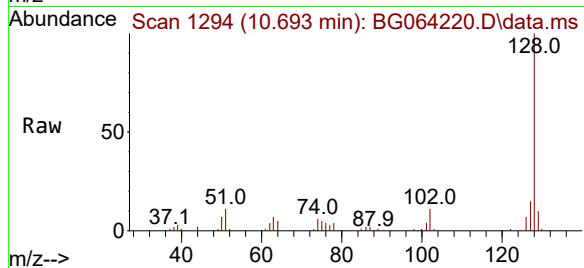
Ion	Ratio	Lower	Upper
180	100		
182	91.8	75.0	112.6
145	29.2	25.4	38.0





#31
Naphthalene
Concen: 9.758 ng
RT: 10.693 min Scan# 1160
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

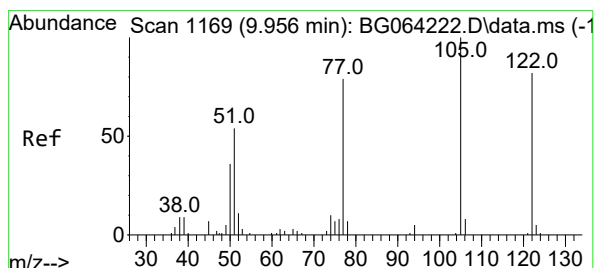
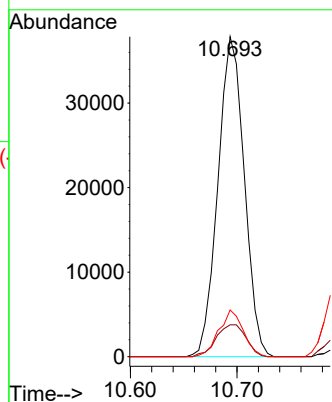
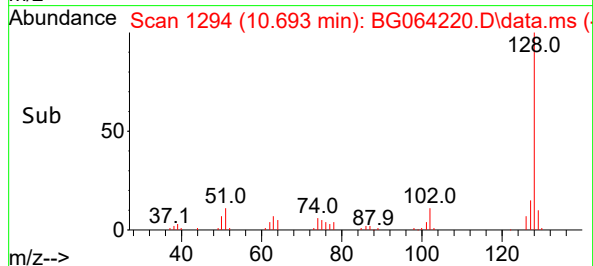
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:128 Resp: 64900
Ion Ratio Lower Upper
128 100
129 10.0 9.4 14.2
127 14.6 10.9 16.3

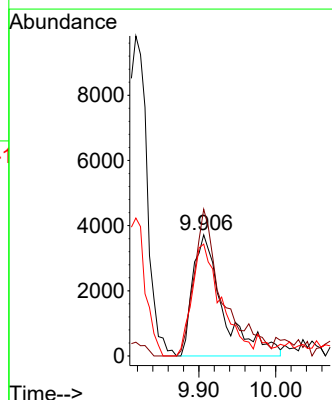
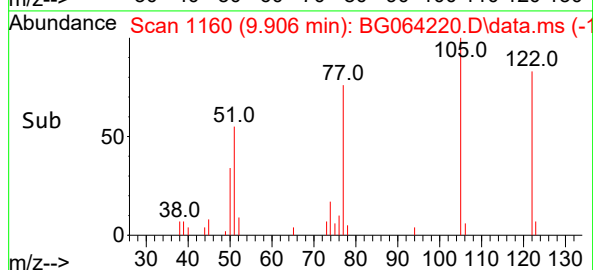
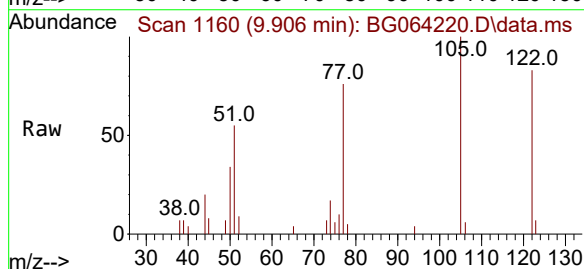
Manual Integrations
APPROVED

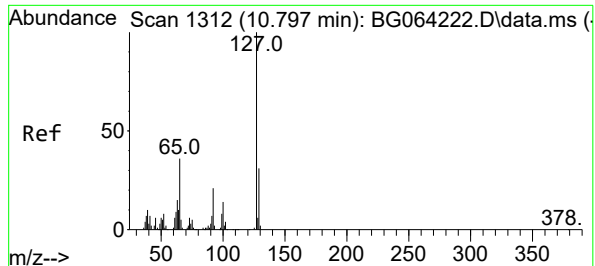
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#32
Benzoic acid
Concen: 7.064 ng m
RT: 9.906 min Scan# 1160
Delta R.T. -0.109 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

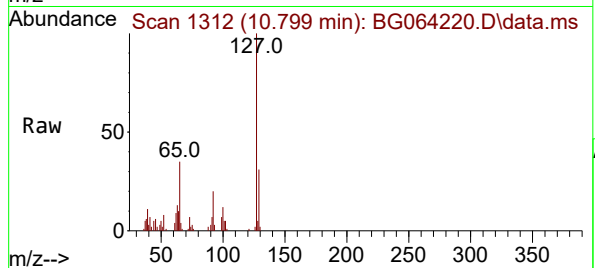
Tgt Ion:122 Resp: 10223
Ion Ratio Lower Upper
122 100
105 121.2 98.5 138.5
77 92.4 74.6 114.6





#33
4-Chloroaniline
Concen: 9.420 ng
RT: 10.799 min Scan# 1312
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

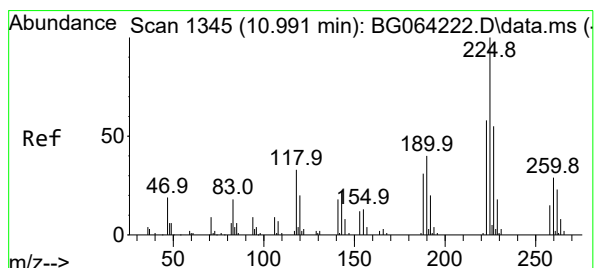
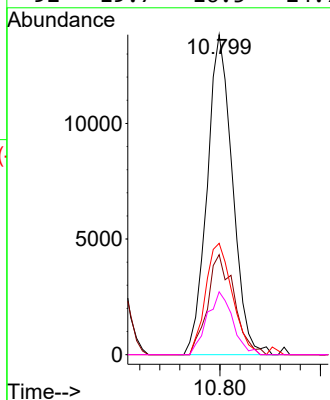
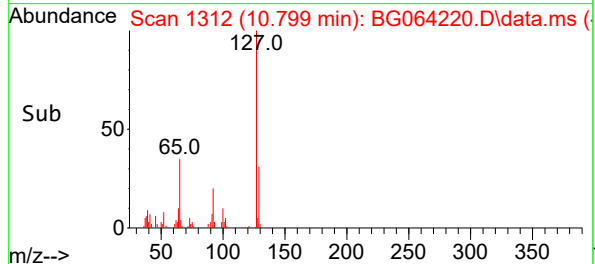
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



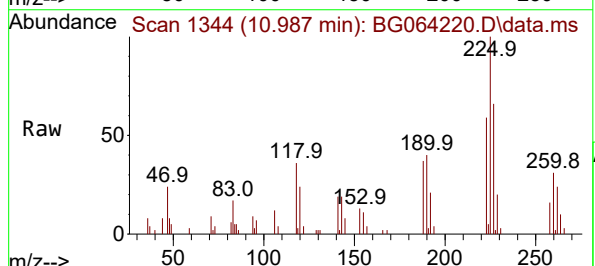
Tgt Ion:127 Resp: 2428
Ion Ratio Lower Upper
127 100
129 31.3 25.0 37.4
65 34.8 28.7 43.1
92 19.7 16.5 24.7

Manual Integrations
APPROVED

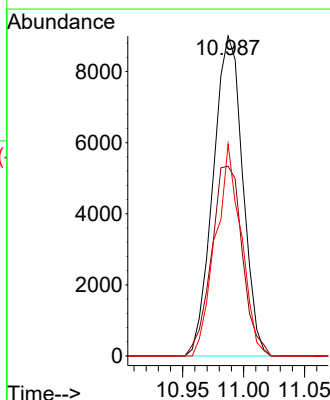
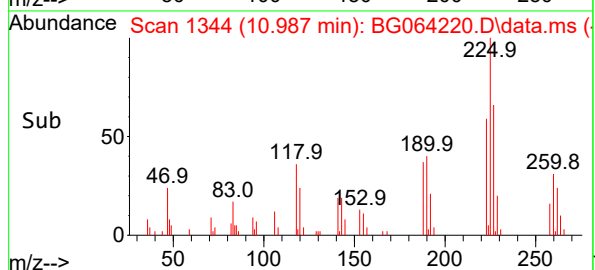
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

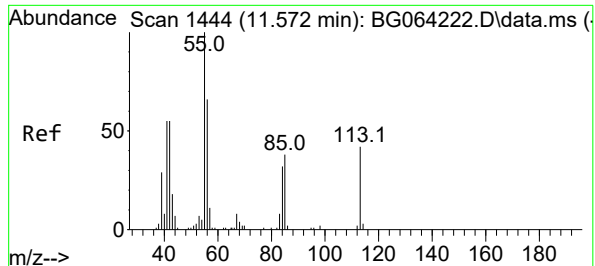


#34
Hexachlorobutadiene
Concen: 10.107 ng
RT: 10.987 min Scan# 1344
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12



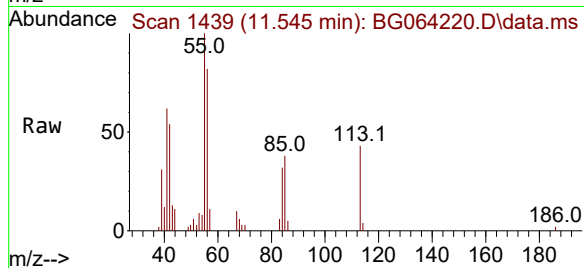
Tgt Ion:225 Resp: 15152
Ion Ratio Lower Upper
225 100
223 59.3 46.5 69.7
227 66.2 44.1 66.1#





#35
Caprolactam
Concen: 9.330 ng
RT: 11.545 min Scan# 1444
Delta R.T. -0.056 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

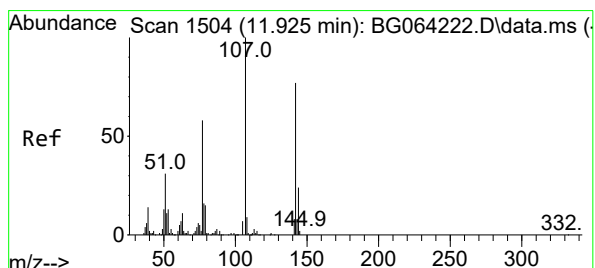
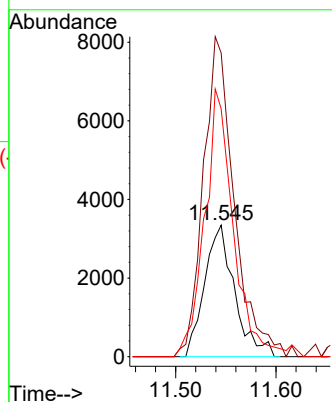
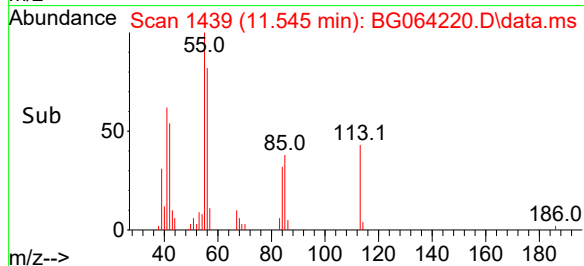
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:113 Resp: 6949
Ion Ratio Lower Upper
113 100
55 230.9 218.5 258.5
56 188.4 138.5 178.5

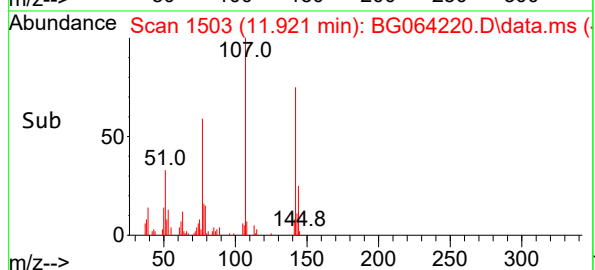
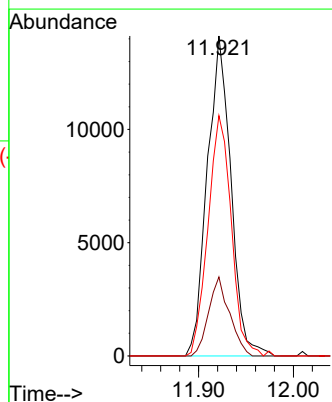
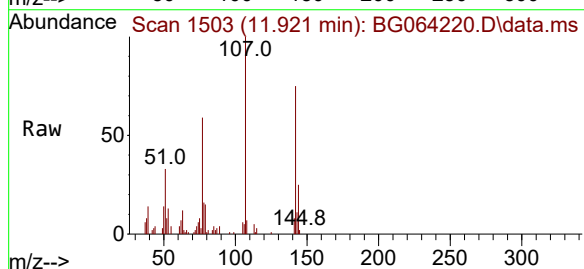
Manual Integrations
APPROVED

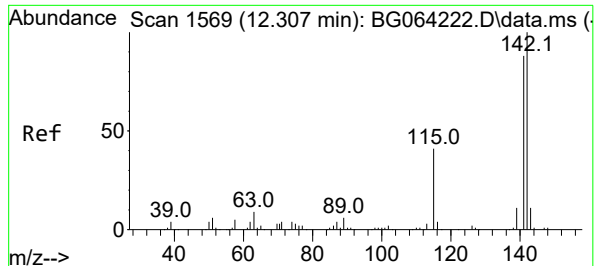
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#36
4-Chloro-3-methylphenol
Concen: 9.807 ng
RT: 11.921 min Scan# 1503
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

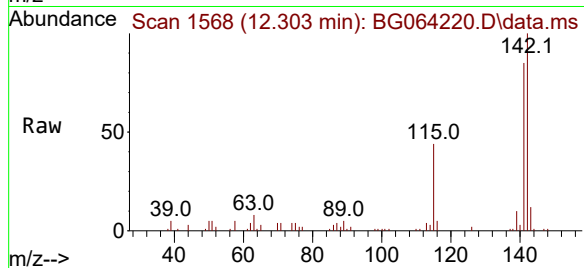
Tgt Ion:107 Resp: 24476
Ion Ratio Lower Upper
107 100
144 24.7 19.5 29.3
142 75.1 62.0 93.0





#37
2-Methylnaphthalene
Concen: 9.698 ng
RT: 12.303 min Scan# 1568
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

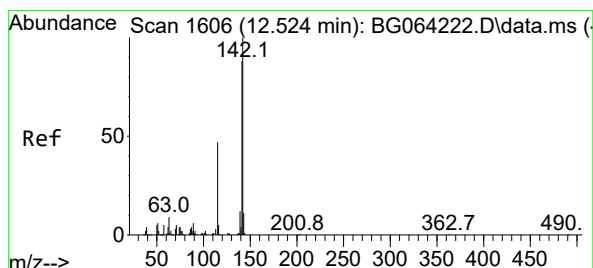
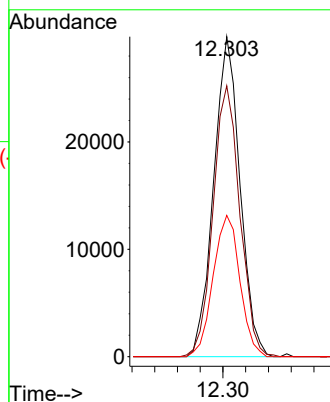
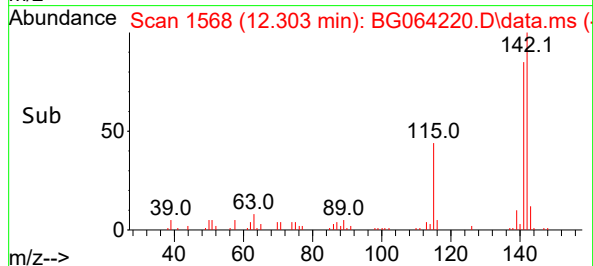
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:142 Resp: 4794
Ion Ratio Lower Upper
142 100
141 84.7 70.1 105.1
115 44.1 33.1 49.7

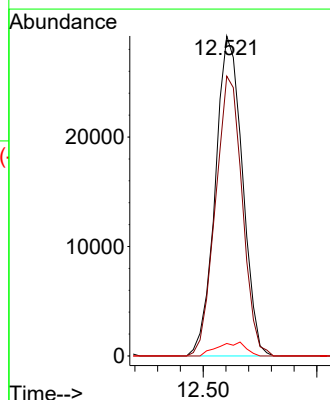
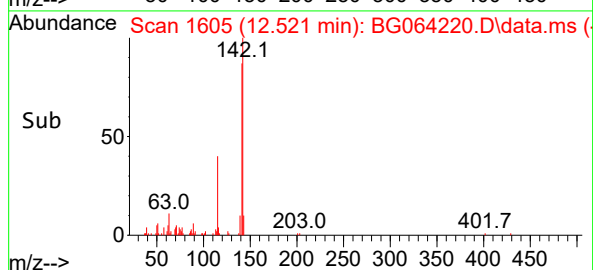
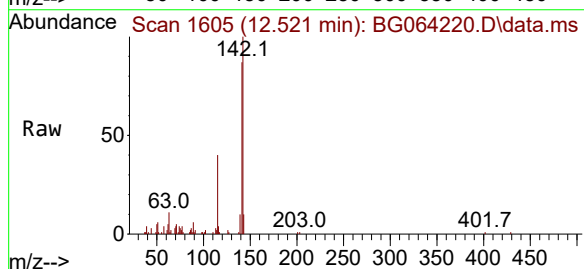
Manual Integrations
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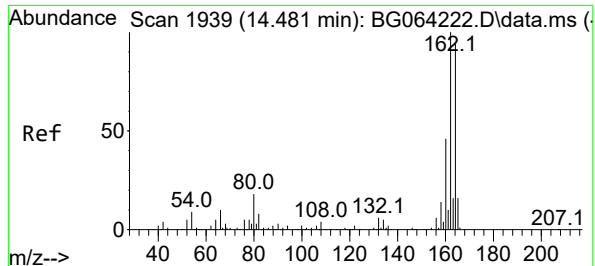
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#38
1-Methylnaphthalene
Concen: 9.914 ng
RT: 12.521 min Scan# 1605
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:142 Resp: 48414
Ion Ratio Lower Upper
142 100
141 87.4 70.3 105.5
116 3.9 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.483 min Scan# 1939

Delta R.T. 0.002 min

Lab File: BG064220.D

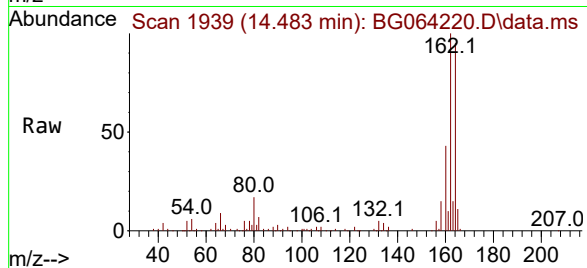
Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010



Tgt Ion:164 Resp: 9417

Ion Ratio Lower Upper

164 100

162 105.0 85.4 128.0

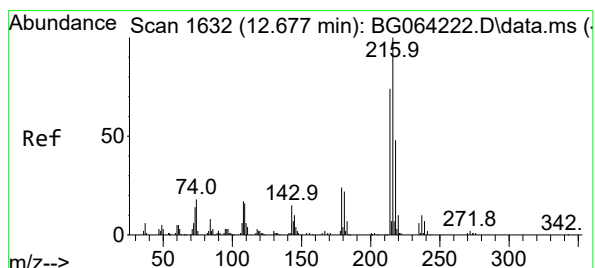
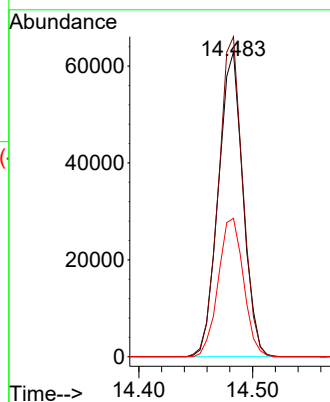
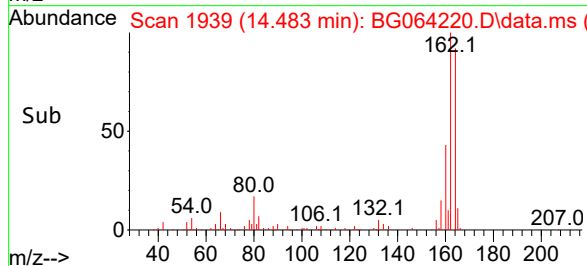
160 45.4 39.2 58.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#40

1,2,4,5-Tetrachlorobenzene

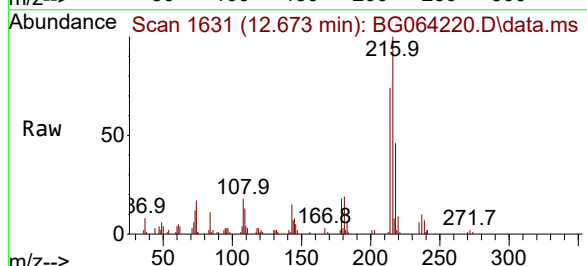
Concen: 9.643 ng

RT: 12.673 min Scan# 1631

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12



Tgt Ion:216 Resp: 26203

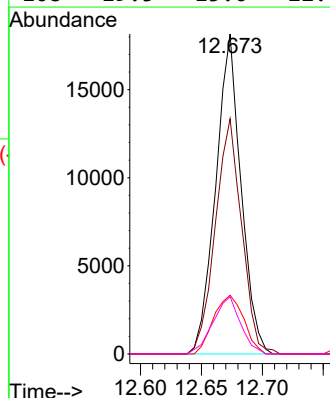
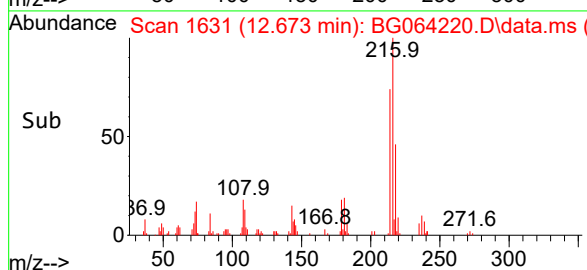
Ion Ratio Lower Upper

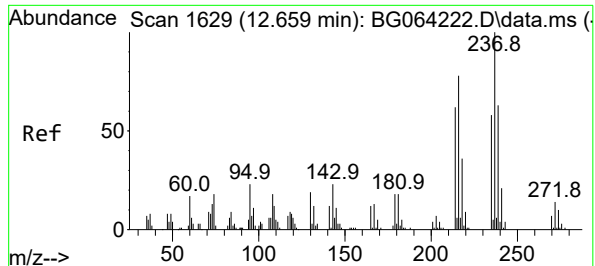
216 100

214 76.3 61.9 92.9

179 21.9 17.9 26.9

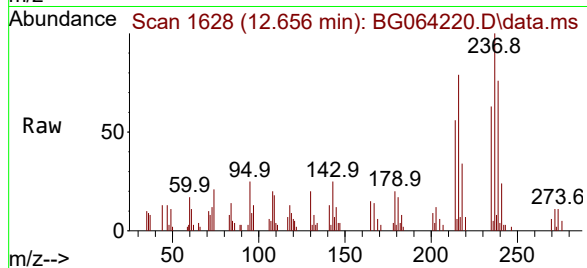
108 19.5 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 8.052 ng
RT: 12.656 min Scan# 1628
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

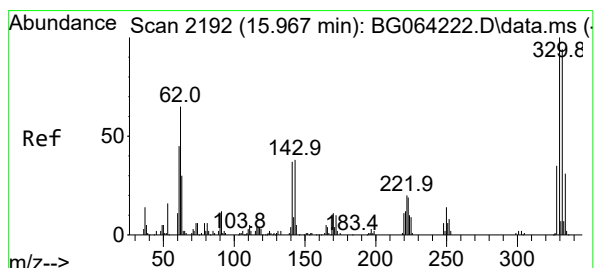
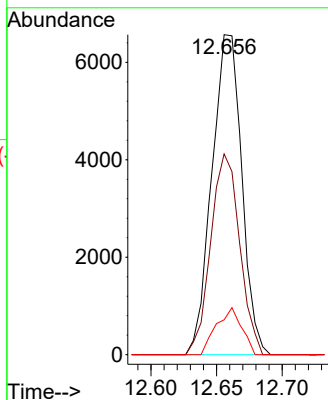
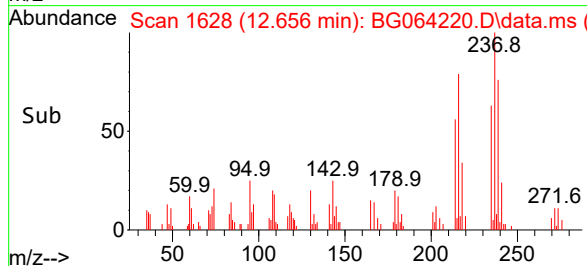
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



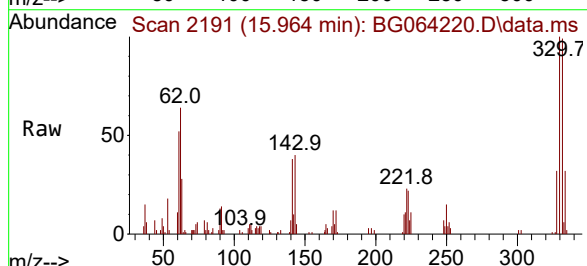
Tgt Ion: 237 Resp: 10398
Ion Ratio Lower Upper
237 100
235 62.7 37.9 77.9
272 10.9 0.0 33.8

Manual Integrations
APPROVED

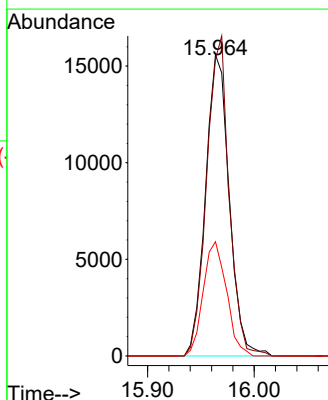
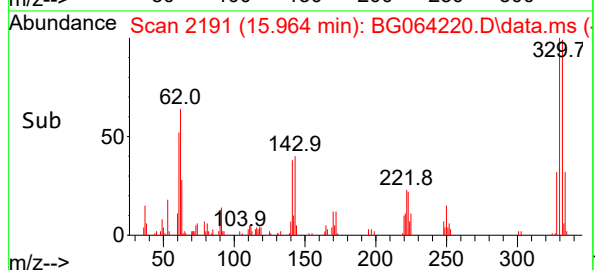
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

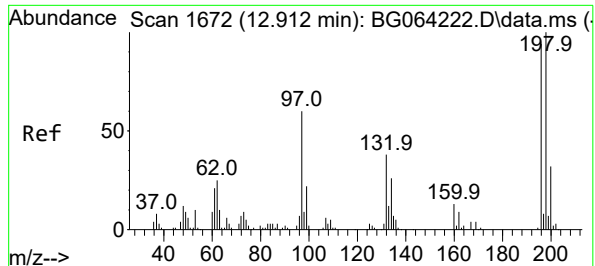


#42
2,4,6-Tribromophenol
Concen: 19.328 ng
RT: 15.964 min Scan# 2191
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12



Tgt Ion: 330 Resp: 24110
Ion Ratio Lower Upper
330 100
332 99.9 77.6 116.4
141 37.2 29.8 44.6





#43

2,4,6-Trichlorophenol

Concen: 9.391 ng

RT: 12.914 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG064220.D

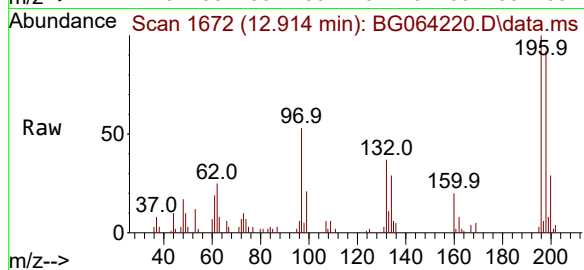
Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010



Tgt Ion:196 Resp: 1705

Ion Ratio Lower Upper

196 100

198 92.4 85.4 128.2

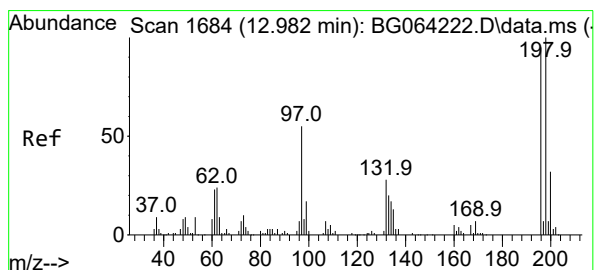
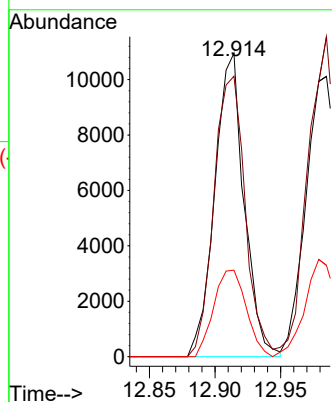
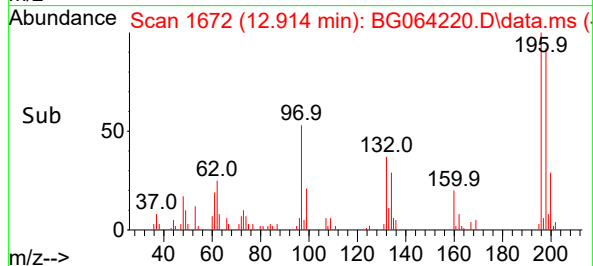
200 28.5 27.3 40.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#44

2,4,5-Trichlorophenol

Concen: 9.236 ng

RT: 12.985 min Scan# 1684

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Tgt Ion:196 Resp: 18196

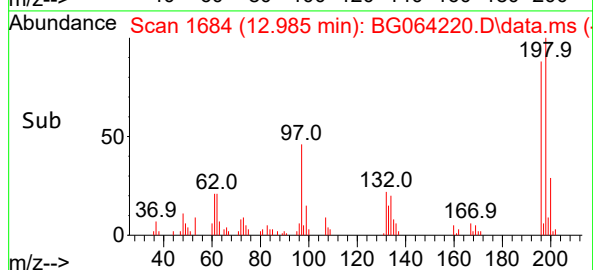
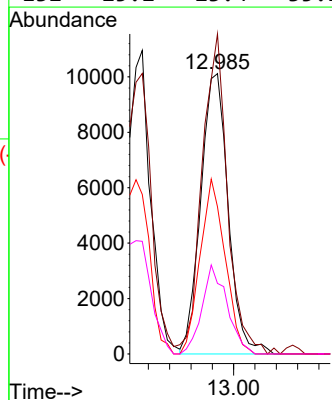
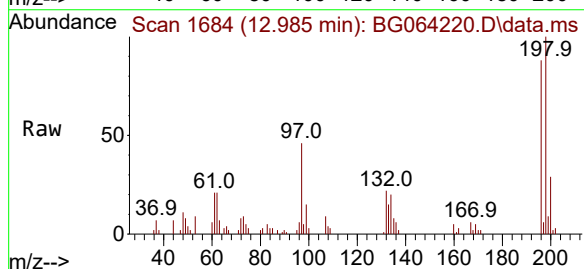
Ion Ratio Lower Upper

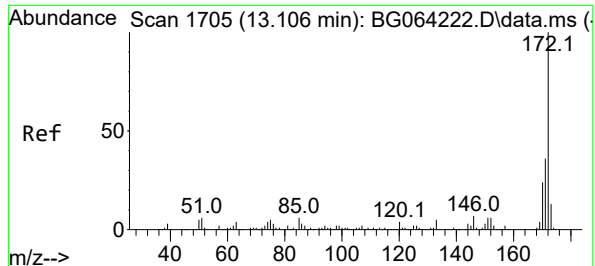
196 100

198 114.2 84.5 126.7

97 52.5 46.8 70.2

132 25.2 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 19.623 ng

RT: 13.102 min Scan# 1704

Delta R.T. -0.009 min

Lab File: BG064220.D

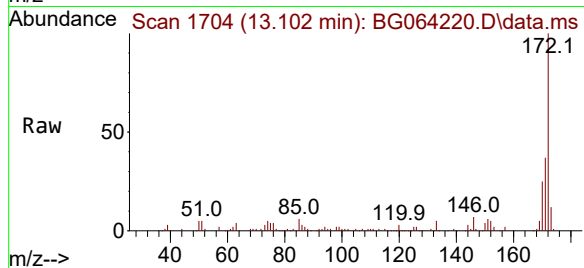
Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

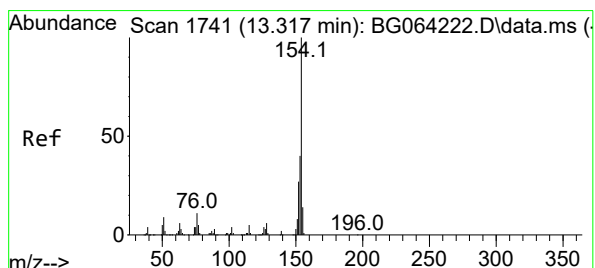
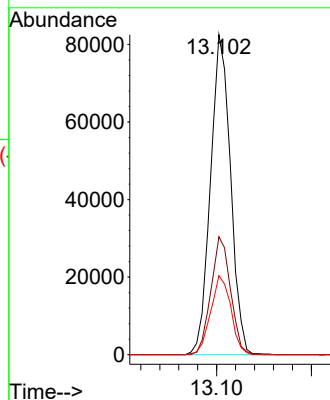
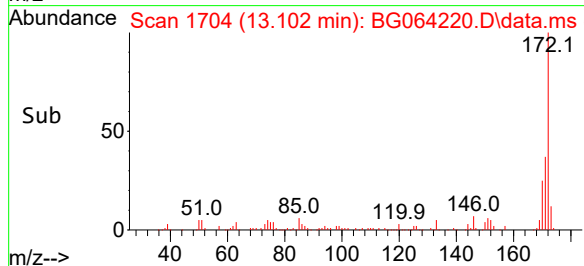
SSTDICC010



Tgt Ion:	172	Resp:	12107
Ion Ratio	Lower	Upper	
172	100		
171	36.9	28.7	43.1
170	24.7	19.0	28.6

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#46

1,1'-Biphenyl

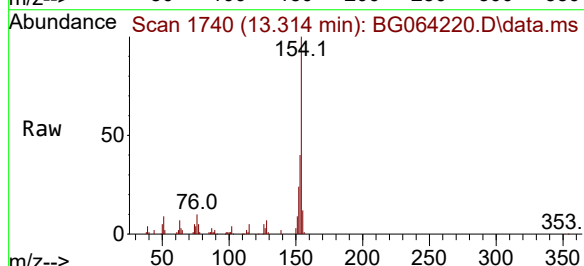
Concen: 9.691 ng

RT: 13.314 min Scan# 1740

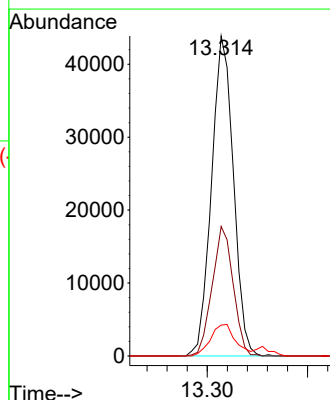
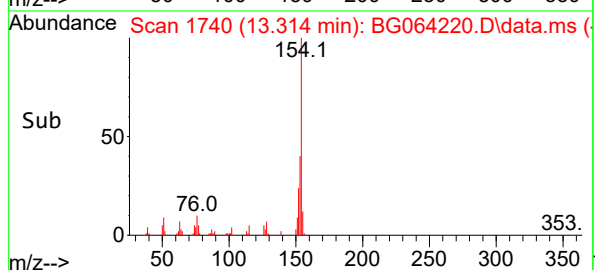
Delta R.T. -0.004 min

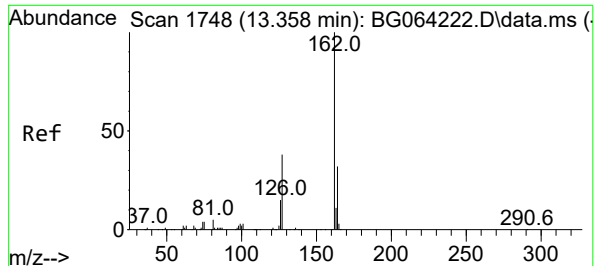
Lab File: BG064220.D

Acq: 28 Aug 2025 12:12



Tgt Ion:	154	Resp:	66470
Ion Ratio	Lower	Upper	
154	100		
153	40.5	19.9	59.9
76	9.6	0.0	30.9





#47

2-Chloronaphthalene

Concen: 9.671 ng

RT: 13.355 min Scan# 1748

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 49869

Ion Ratio Lower Upper

162 100

127 45.0 33.9 50.9

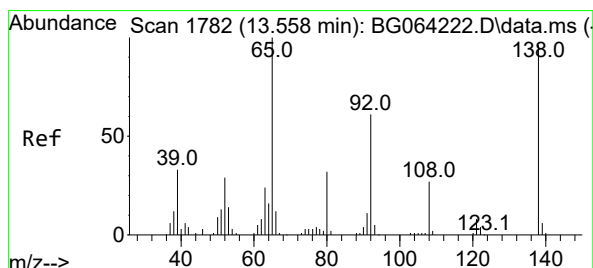
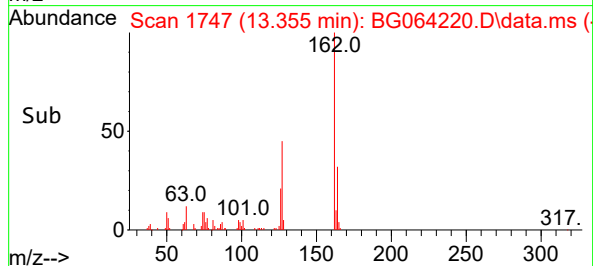
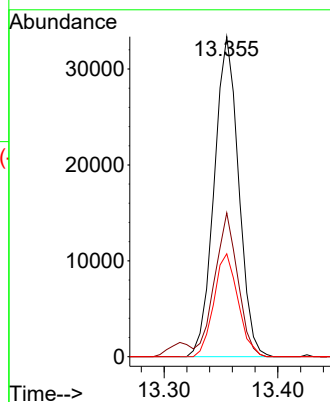
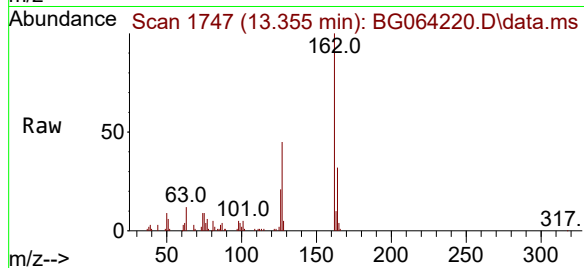
164 32.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#48

2-Nitroaniline

Concen: 8.811 ng

RT: 13.555 min Scan# 1781

Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

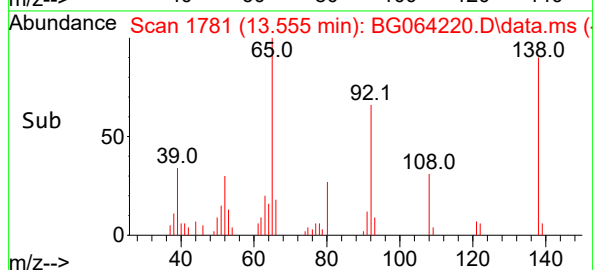
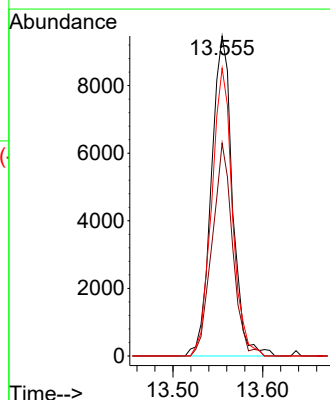
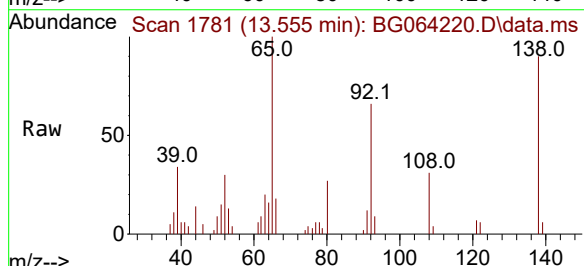
Tgt Ion: 65 Resp: 15487

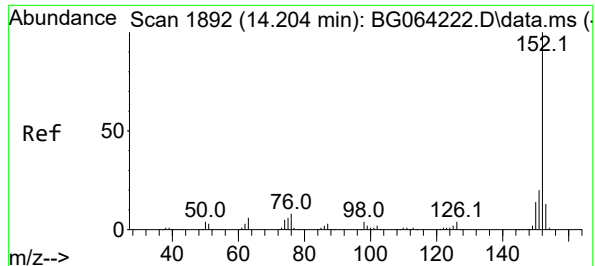
Ion Ratio Lower Upper

65 100

92 66.5 49.2 73.8

138 89.9 76.8 115.2





#49

Acenaphthylene

Concen: 9.437 ng

RT: 14.201 min Scan# 1891

Delta R.T. -0.004 min

Lab File: BG064220.D

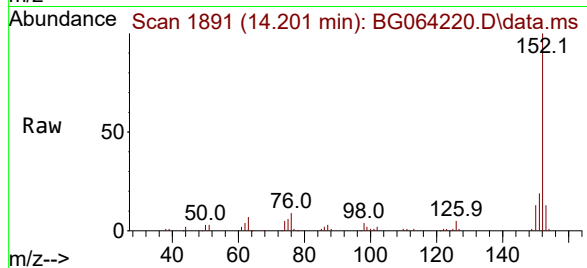
Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010



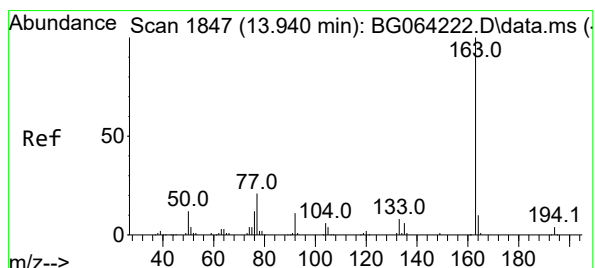
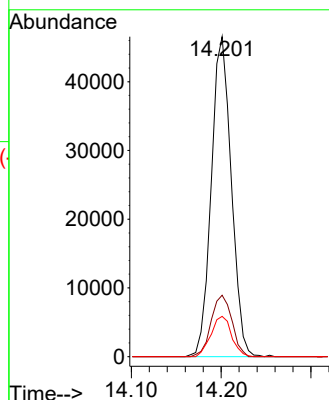
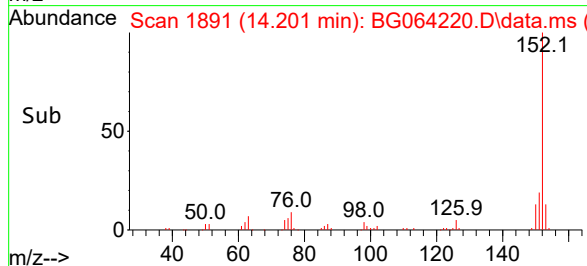
Tgt Ion:	152	Resp:	7193
Ion Ratio	Lower	Upper	
152	100		
151	19.2	16.2	24.2
153	12.6	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#50

Dimethylphthalate

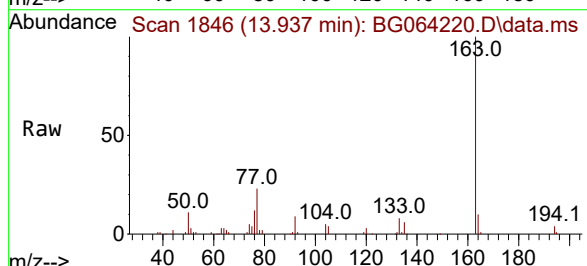
Concen: 9.749 ng

RT: 13.937 min Scan# 1846

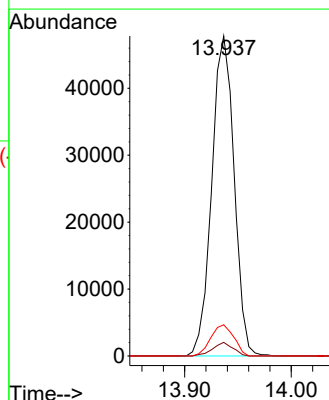
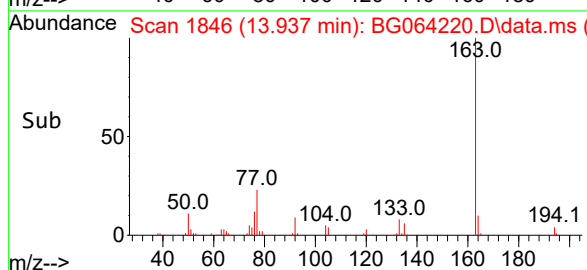
Delta R.T. -0.009 min

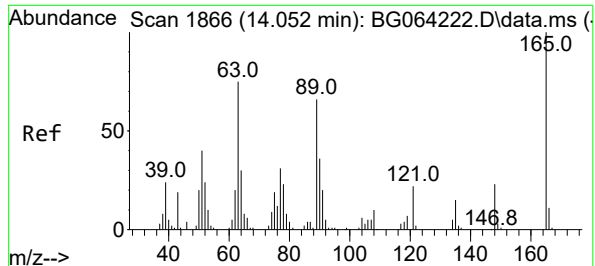
Lab File: BG064220.D

Acq: 28 Aug 2025 12:12



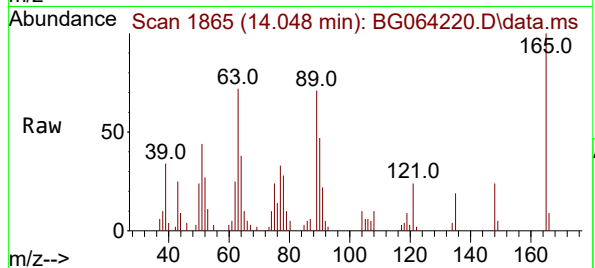
Tgt Ion:	163	Resp:	69493
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.0	4.4
164	9.8	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 9.190 ng
RT: 14.048 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

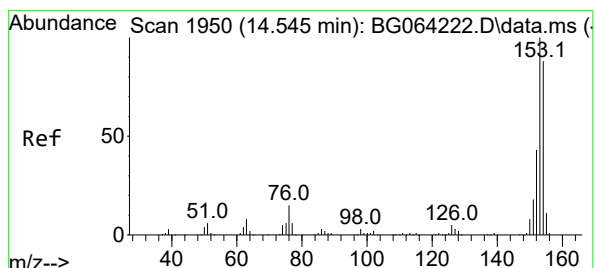
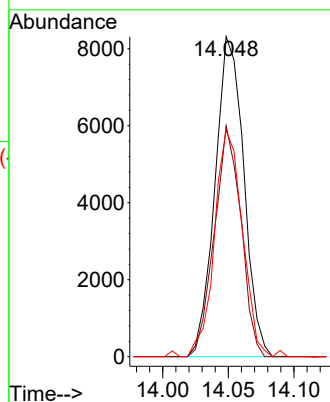
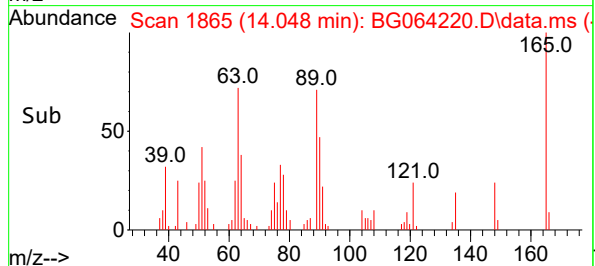
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 1268
Ion Ratio Lower Upper
165 100
63 72.1 60.3 90.5
89 70.7 52.9 79.3

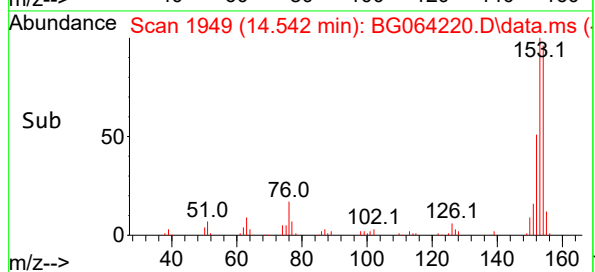
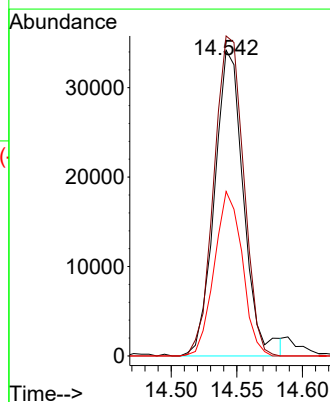
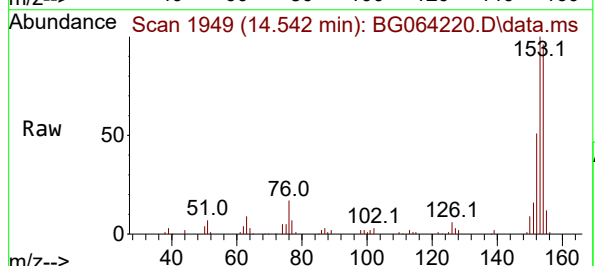
Manual Integrations
APPROVED

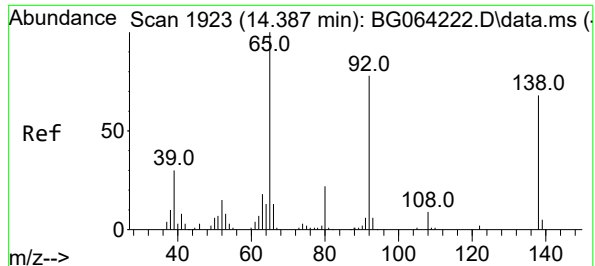
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#52
Acenaphthene
Concen: 9.806 ng
RT: 14.542 min Scan# 1949
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

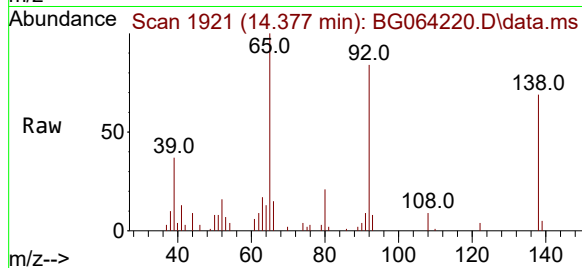
Tgt Ion:154 Resp: 52750
Ion Ratio Lower Upper
154 100
153 104.7 91.1 136.7
152 53.8 39.6 59.4





#53
3-Nitroaniline
Concen: 9.102 ng
RT: 14.377 min Scan# 1923
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

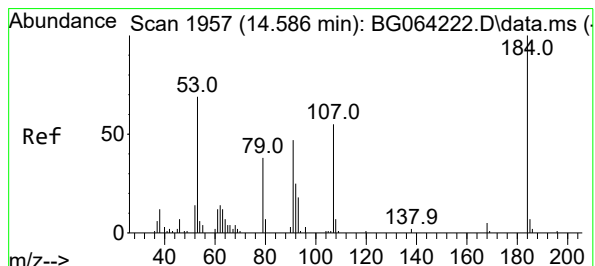
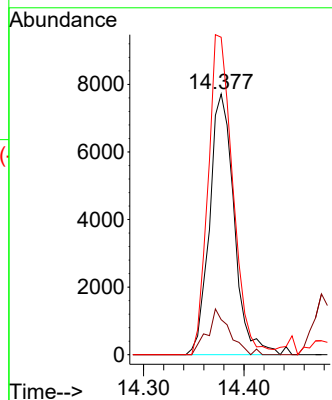
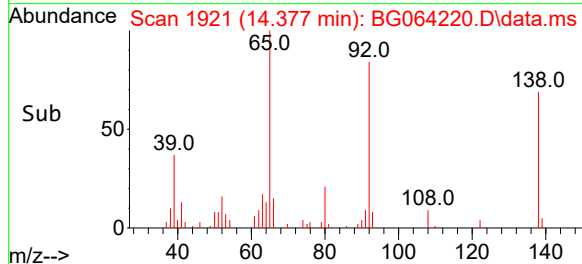
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:138 Resp: 1315
Ion Ratio Lower Upper
138 100
108 13.4 11.0 16.6
92 121.8 91.4 137.0

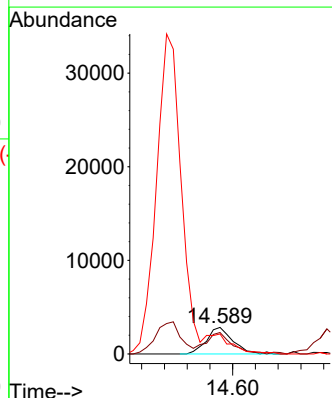
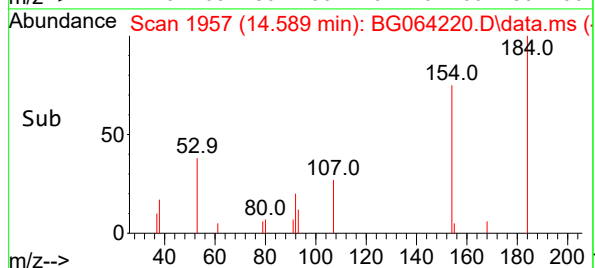
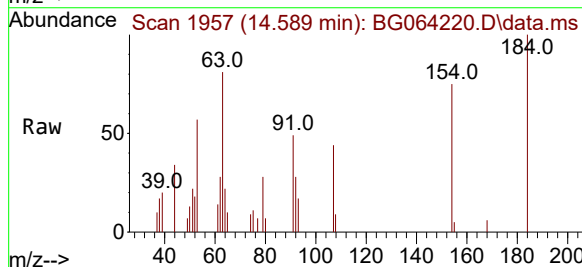
Manual Integrations
APPROVED

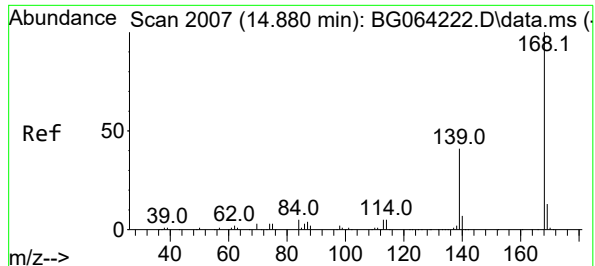
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#54
2,4-Dinitrophenol
Concen: 10.334 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

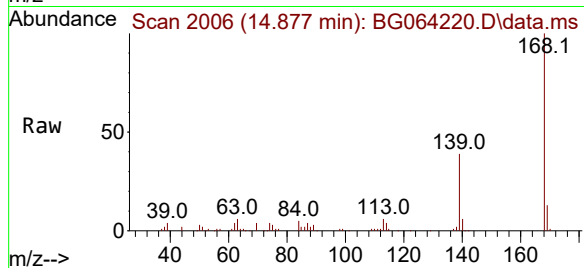
Tgt Ion:184 Resp: 4543
Ion Ratio Lower Upper
184 100
63 81.0 60.1 90.1
154 75.5 59.8 89.8





#55
Dibenzenofuran
Concen: 9.773 ng
RT: 14.877 min Scan# 2006
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

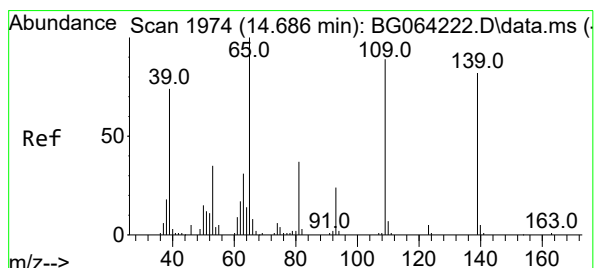
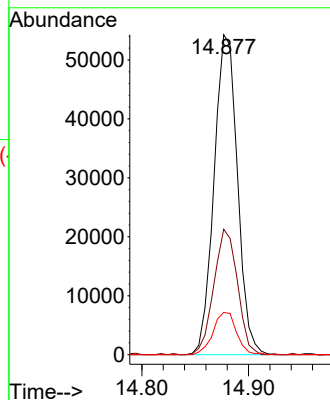
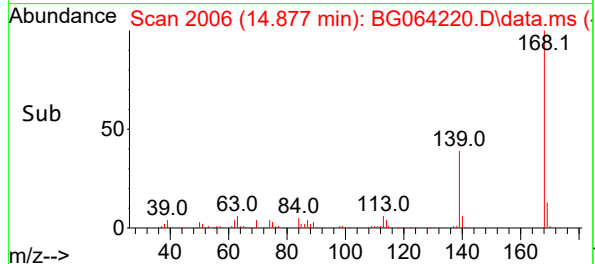
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:168 Resp: 82692
Ion Ratio Lower Upper
168 100
139 39.2 33.2 49.8
169 13.2 10.4 15.6

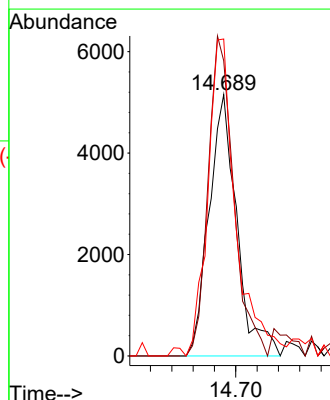
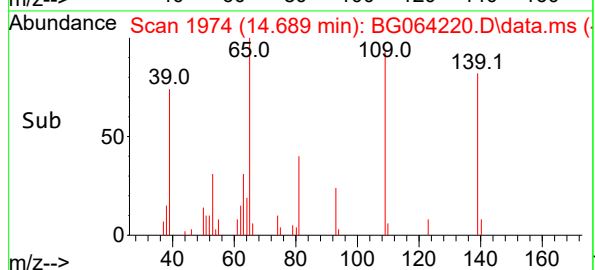
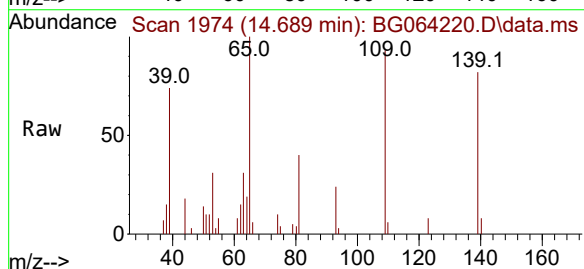
Manual Integrations
APPROVED

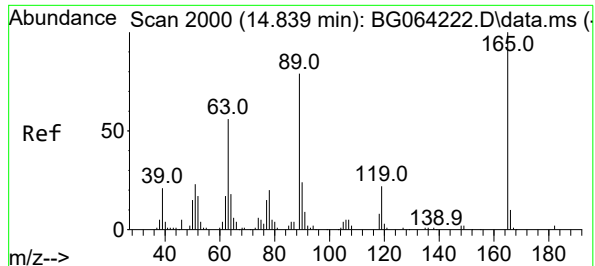
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#56
4-Nitrophenol
Concen: 7.889 ng
RT: 14.689 min Scan# 1974
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

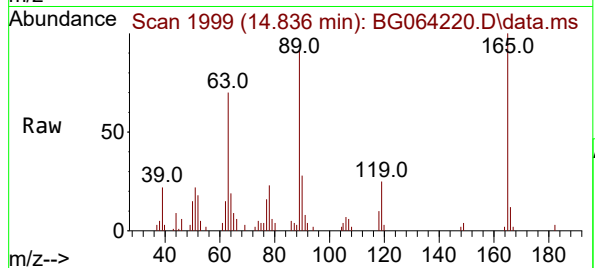
Tgt Ion:139 Resp: 9355
Ion Ratio Lower Upper
139 100
109 113.0 89.1 129.1
65 121.3 102.9 142.9





#57
2,4-Dinitrotoluene
Concen: 8.975 ng
RT: 14.836 min Scan# 1999
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

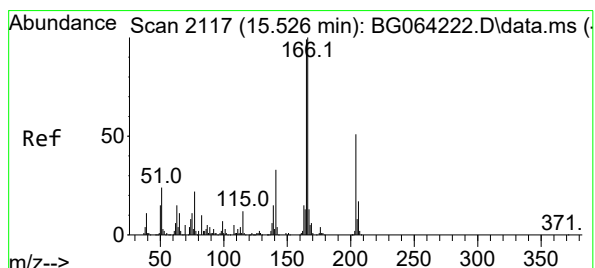
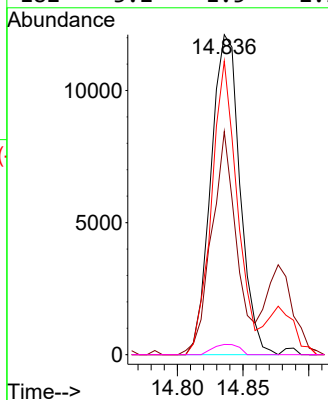
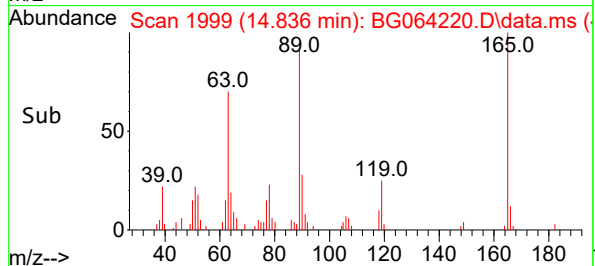
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 18720
Ion Ratio Lower Upper
165 100
63 69.7 44.6 67.0
89 91.7 63.0 94.4
182 3.2 1.5 2.3#

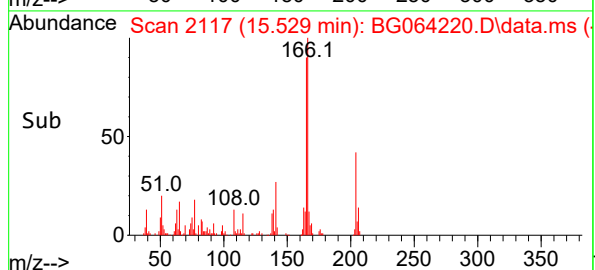
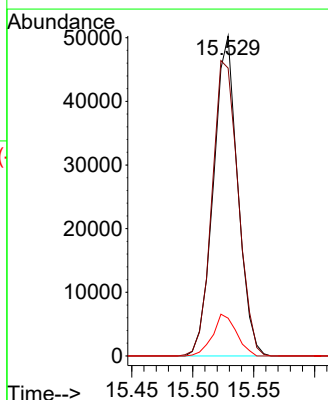
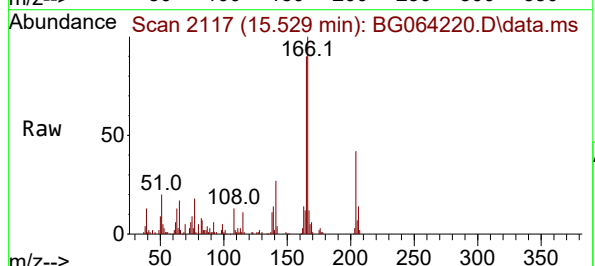
Manual Integrations
APPROVED

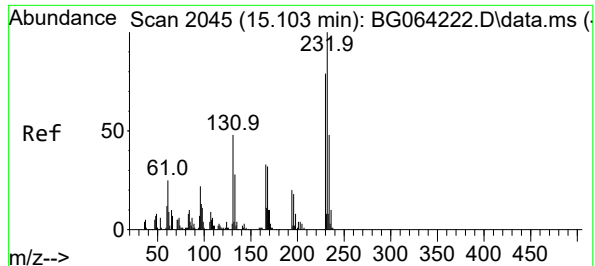
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#58
Fluorene
Concen: 10.035 ng
RT: 15.529 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:166 Resp: 69596
Ion Ratio Lower Upper
166 100
165 89.9 79.1 118.7
167 11.8 10.2 15.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.385 ng

RT: 15.106 min Scan# 2045

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:232 Resp: 1778

Ion Ratio Lower Upper

232 100

131 45.3 37.1 55.7

130 3.2 2.6 3.8

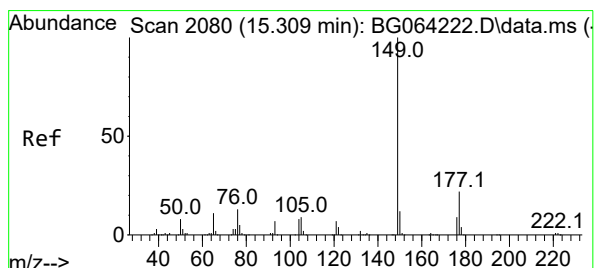
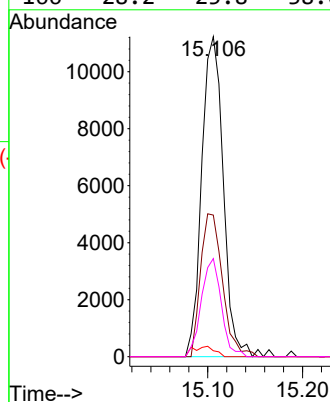
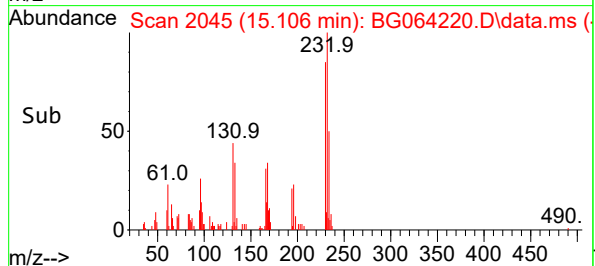
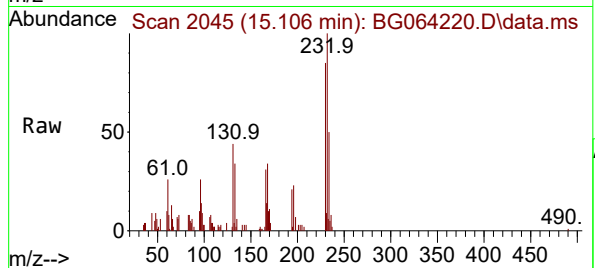
166 28.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#60

Diethylphthalate

Concen: 9.736 ng

RT: 15.300 min Scan# 2078

Delta R.T. -0.015 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

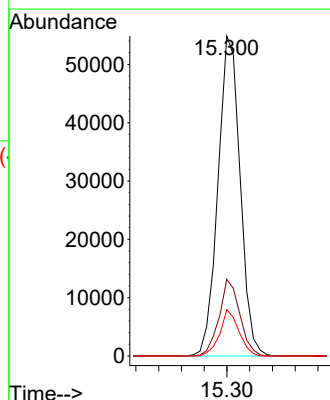
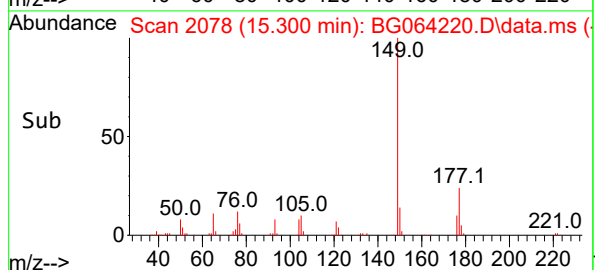
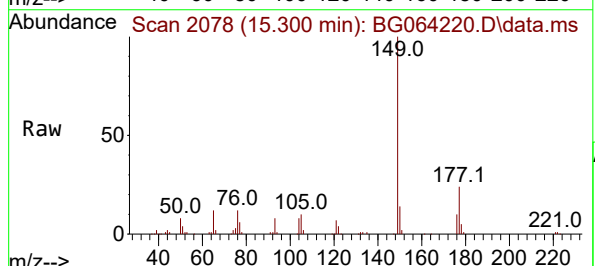
Tgt Ion:149 Resp: 74277

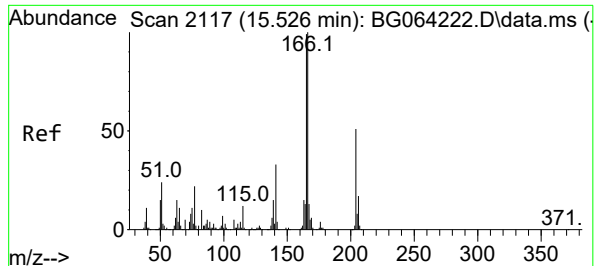
Ion Ratio Lower Upper

149 100

177 24.0 17.5 26.3

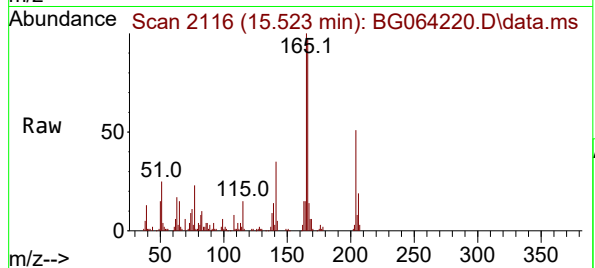
150 14.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 9.762 ng
RT: 15.523 min Scan# 2116
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

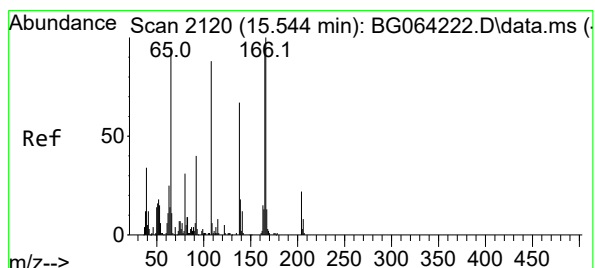
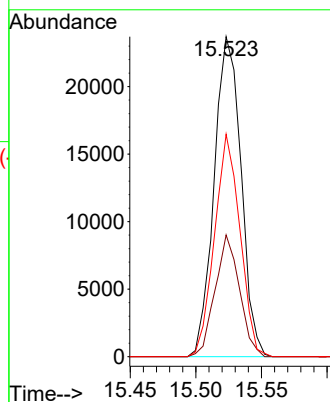
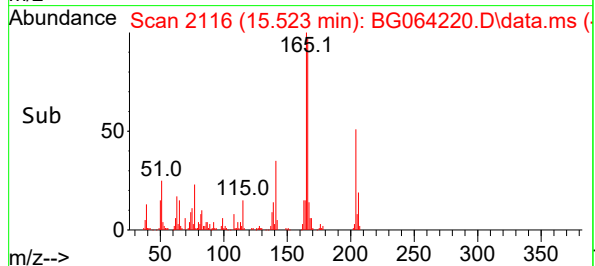
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:204 Resp: 33750
Ion Ratio Lower Upper
204 100
206 38.1 26.2 39.4
141 69.5 51.9 77.9

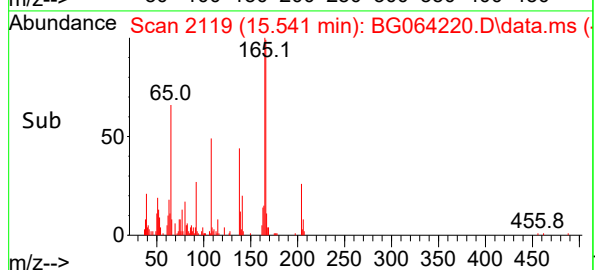
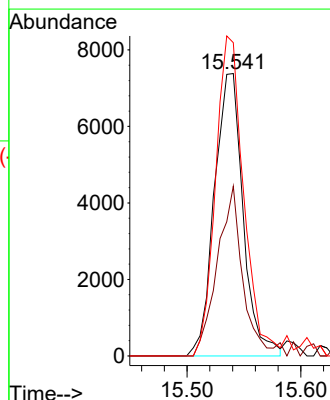
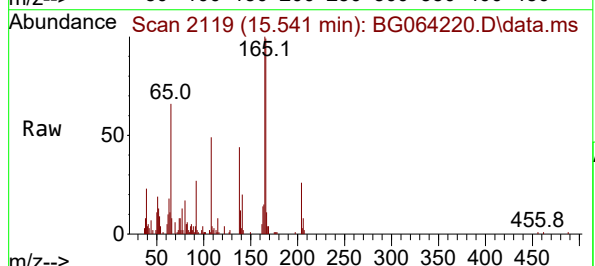
Manual Integrations
APPROVED

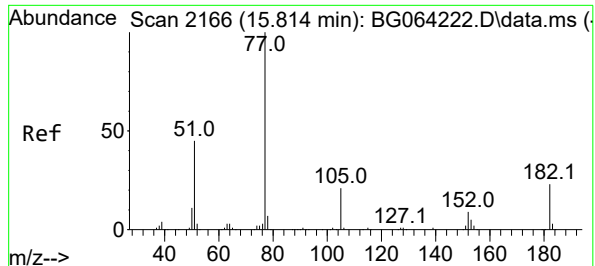
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#62
4-Nitroaniline
Concen: 8.788 ng
RT: 15.541 min Scan# 2119
Delta R.T. -0.015 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:138 Resp: 12962
Ion Ratio Lower Upper
138 100
92 60.1 39.1 79.1
108 111.0 111.3 151.3#





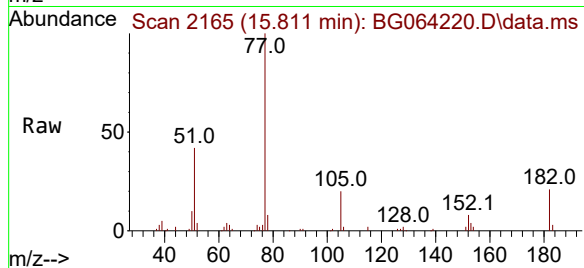
#63
Azobenzene
Concen: 9.848 ng
RT: 15.811 min Scan# 2166
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

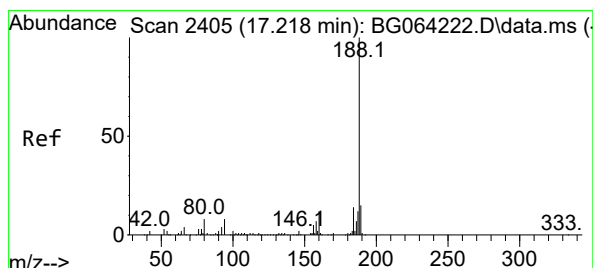
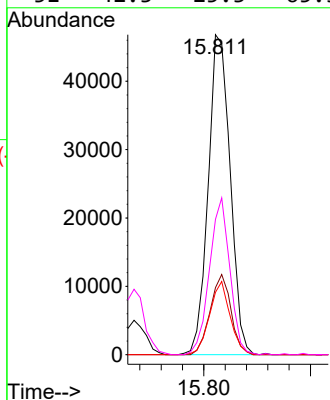
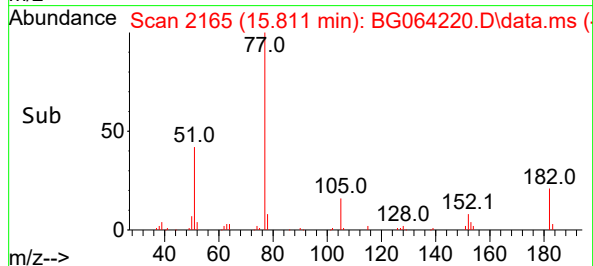


Tgt Ion: 77 Resp: 6696
Ion Ratio Lower Upper
77 100
182 21.0 3.3 43.3
105 19.5 0.6 40.6
51 42.3 25.3 65.3

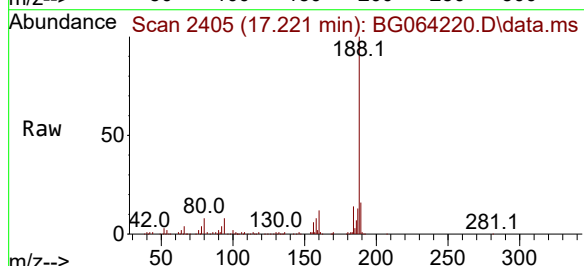
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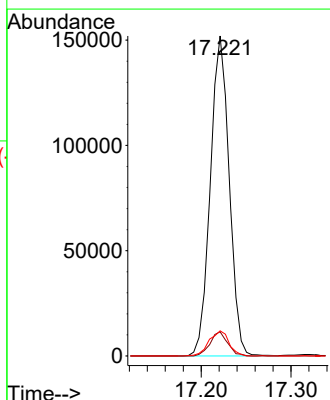
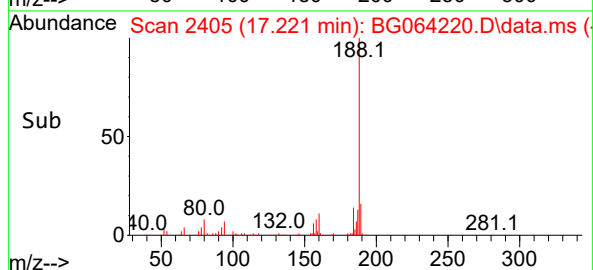
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

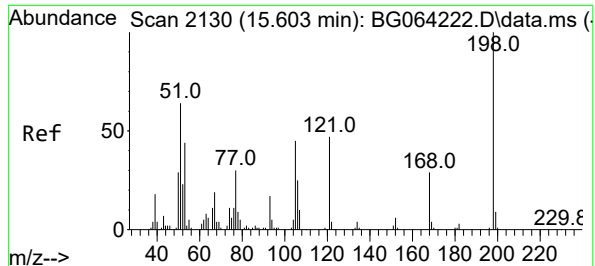


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12



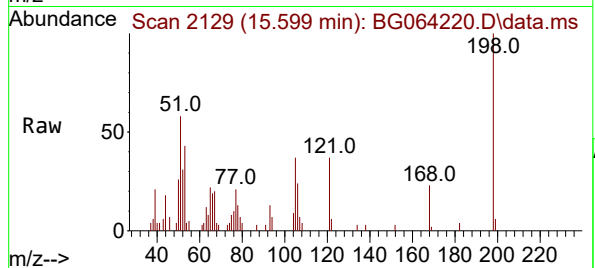
Tgt Ion:188 Resp: 221898
Ion Ratio Lower Upper
188 100
94 7.5 6.2 9.4
80 7.9 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 7.431 ng
RT: 15.599 min Scan# 2129
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

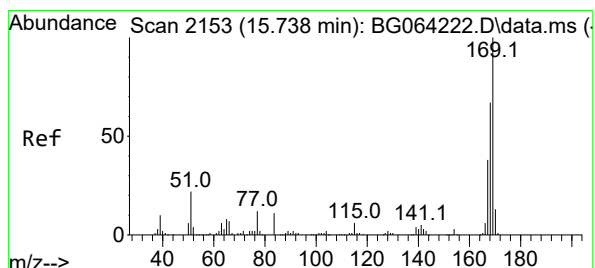
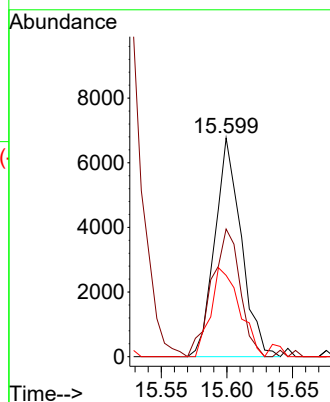
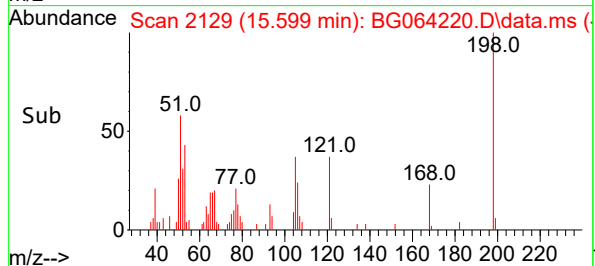
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:198 Resp: 946
Ion Ratio Lower Upper
198 100
51 58.4 46.2 86.2
105 37.2 25.0 65.0

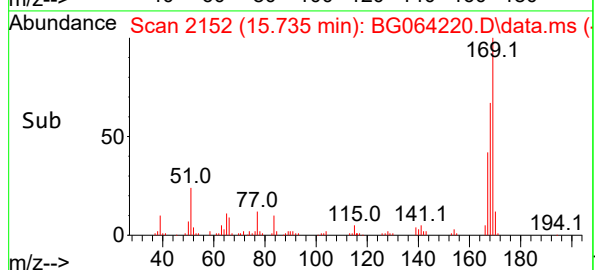
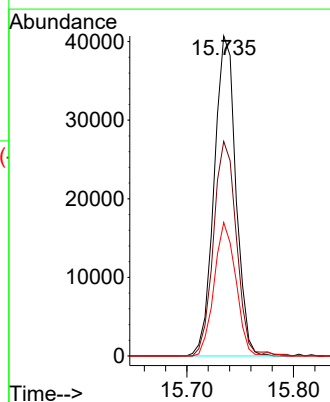
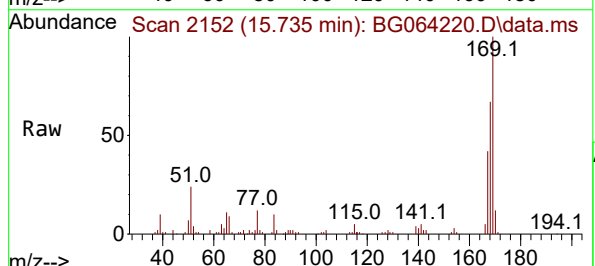
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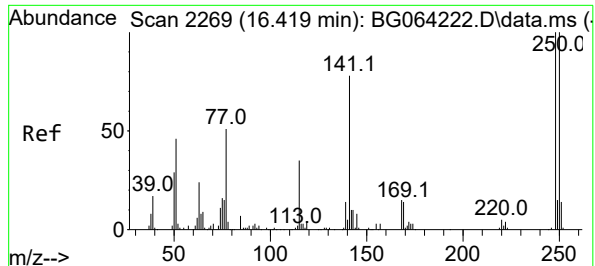
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#66
n-Nitrosodiphenylamine
Concen: 9.422 ng
RT: 15.735 min Scan# 2152
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:169 Resp: 57515
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.8
167 41.7 30.2 45.2





#67

4-Bromophenyl-phenylether

Concen: 10.032 ng

RT: 16.416 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:248 Resp: 2364

Ion Ratio Lower Upper

248 100

250 95.2 80.2 120.4

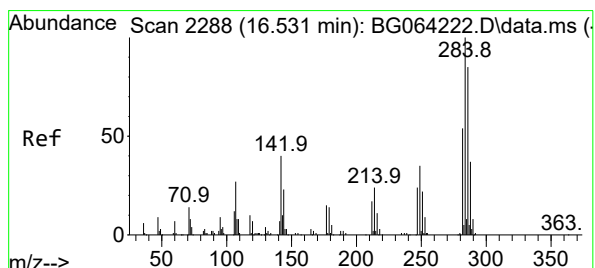
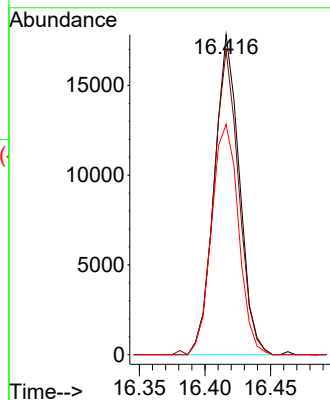
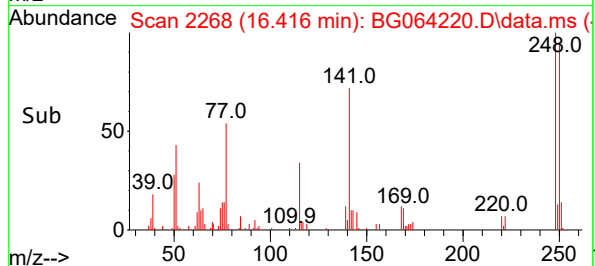
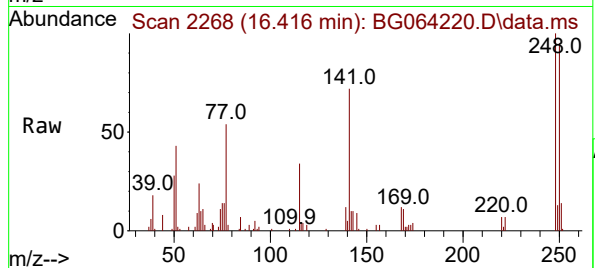
141 72.0 62.4 93.6

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#68

Hexachlorobenzene

Concen: 9.815 ng

RT: 16.534 min Scan# 2288

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

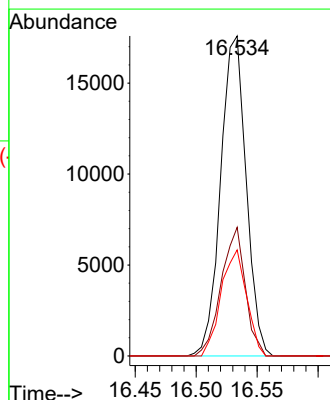
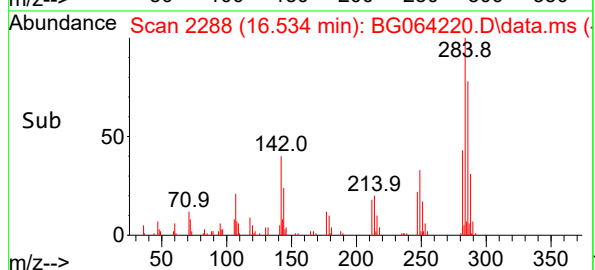
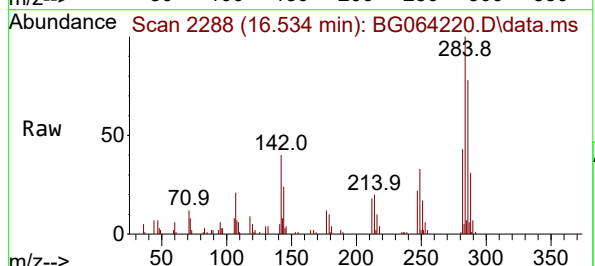
Tgt Ion:284 Resp: 25688

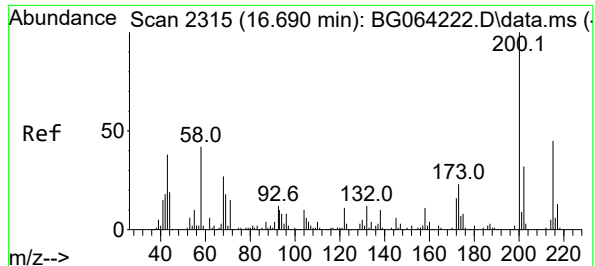
Ion Ratio Lower Upper

284 100

142 40.2 32.1 48.1

249 35.2 28.3 42.5





#69

Atrazine

Concen: 9.997 ng

RT: 16.681 min Scan# 21

Delta R.T. -0.015 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

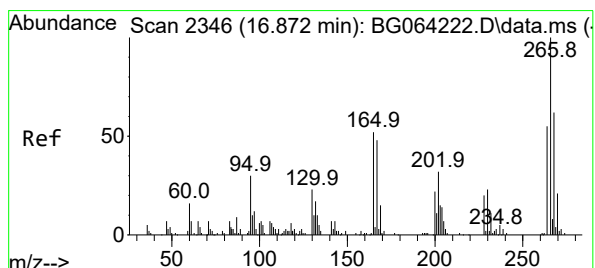
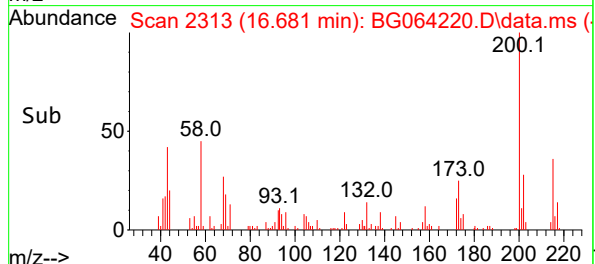
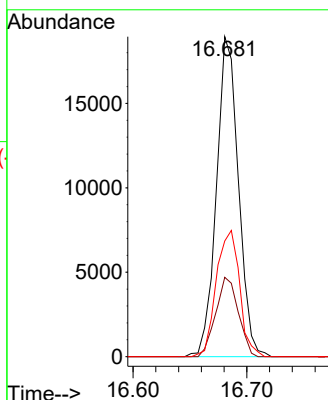
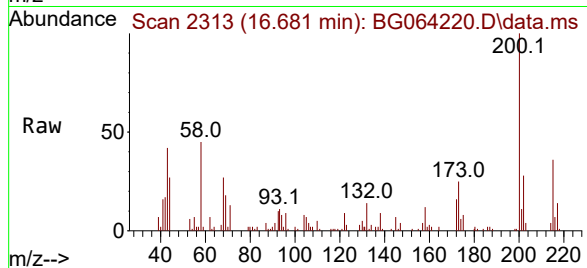
Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.8	3.5	43.5
215	36.1	24.8	64.8

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#70

Pentachlorophenol

Concen: 7.693 ng

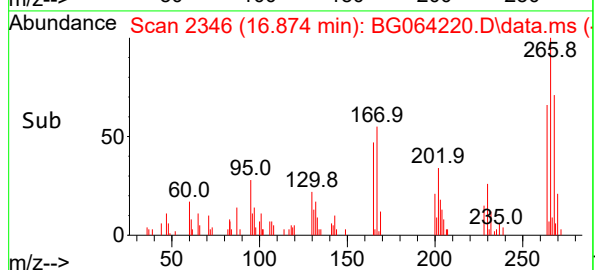
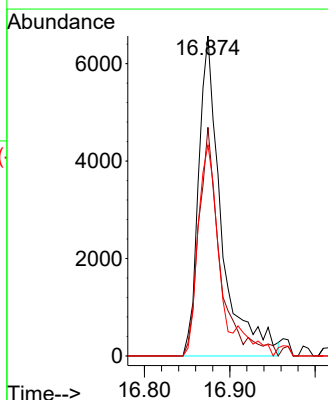
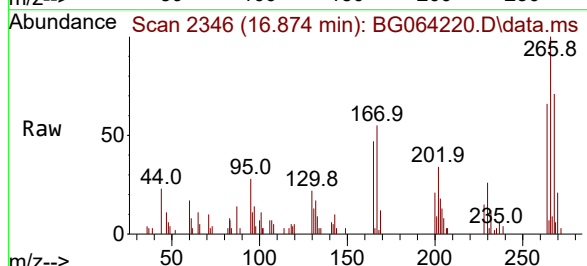
RT: 16.874 min Scan# 2346

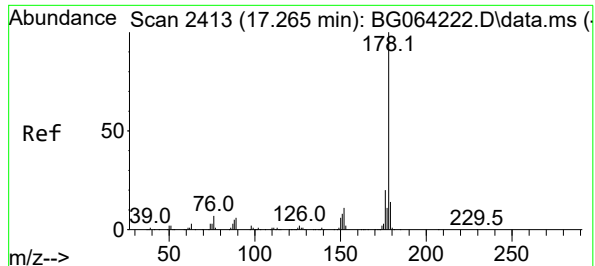
Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

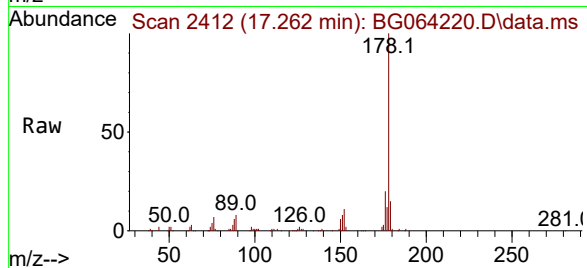
Tgt Ion	Ratio	Lower	Upper
266	100		
268	77.1	49.4	74.0
264	65.9	44.3	66.5





#71
Phenanthrene
Concen: 9.780 ng
RT: 17.262 min Scan# 2413
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

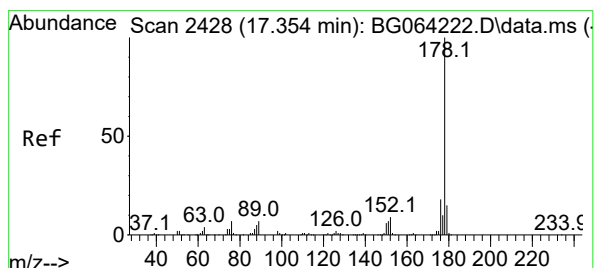
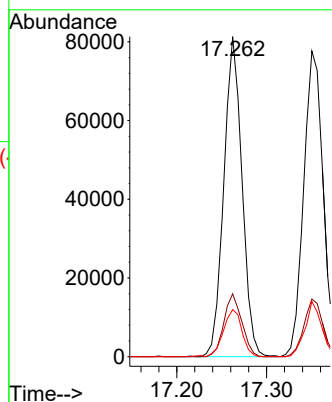
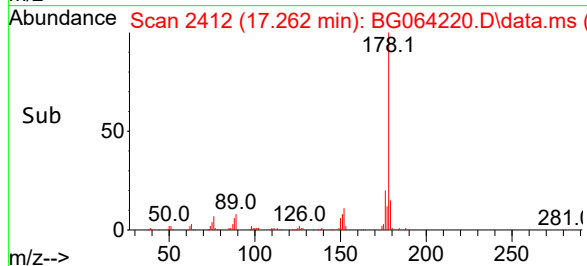
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:178 Resp: 114450
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 14.7 11.4 17.2

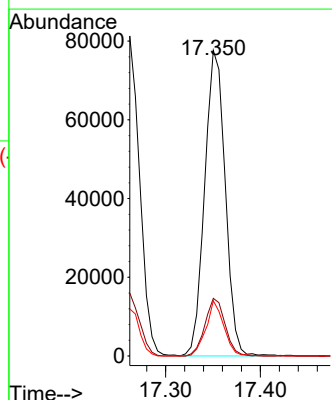
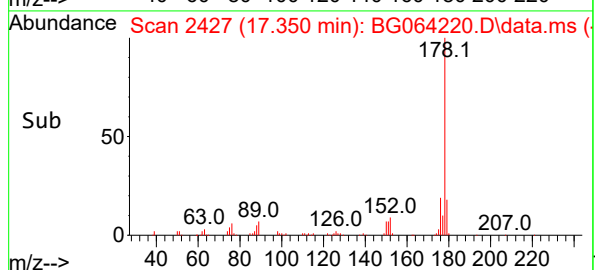
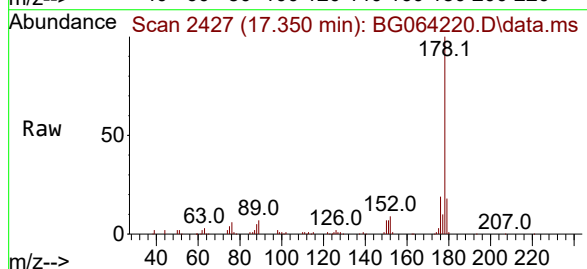
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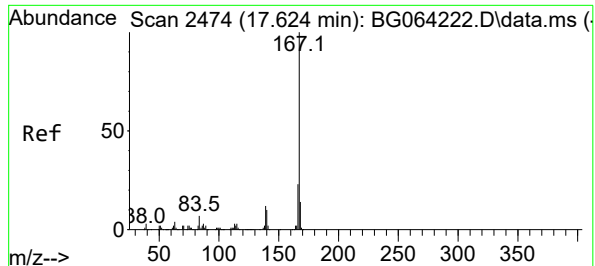
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#72
Anthracene
Concen: 9.814 ng
RT: 17.350 min Scan# 2427
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

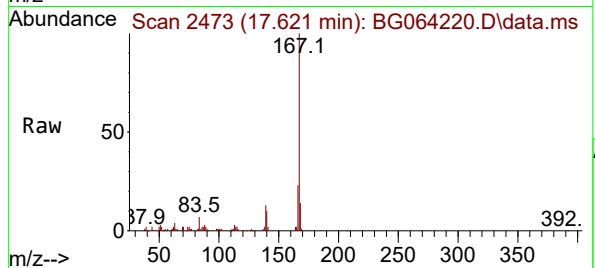
Tgt Ion:178 Resp: 116836
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 18.1 12.1 18.1





#73
Carbazole
Concen: 9.603 ng
RT: 17.621 min Scan# 2473
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

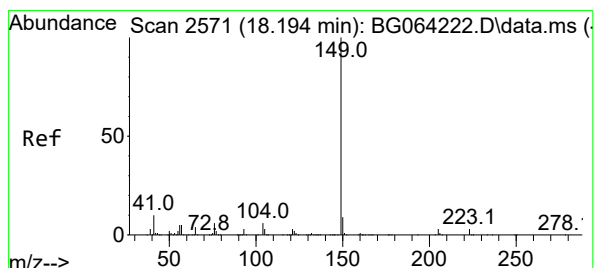
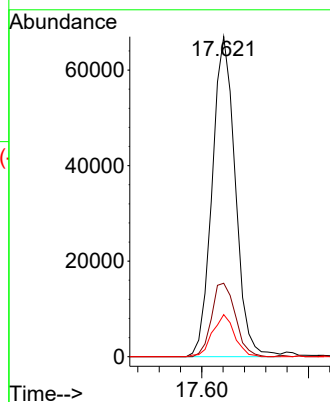
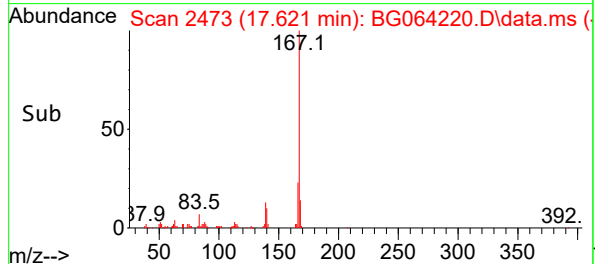
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 100709
Ion Ratio Lower Upper
167 100
166 22.9 18.2 27.2
139 13.1 9.8 14.6

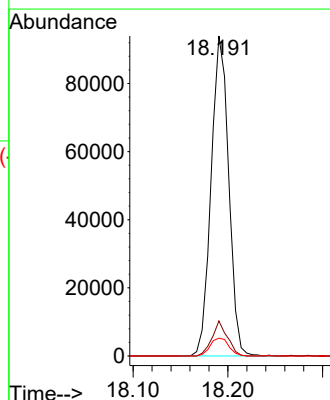
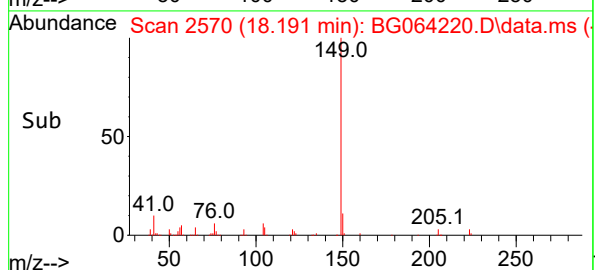
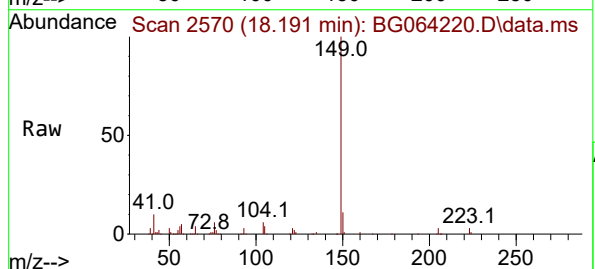
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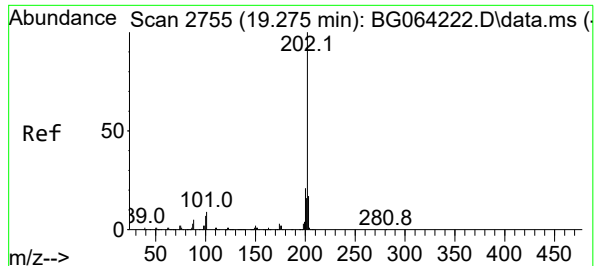
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#74
Di-n-butylphthalate
Concen: 9.587 ng
RT: 18.191 min Scan# 2570
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

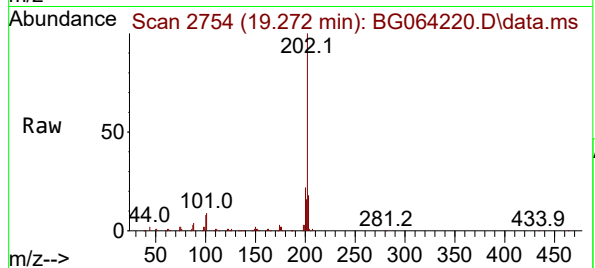
Tgt Ion:149 Resp: 120797
Ion Ratio Lower Upper
149 100
150 11.0 7.5 11.3
104 5.5 4.6 7.0





#75
Fluoranthene
Concen: 9.767 ng
RT: 19.272 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

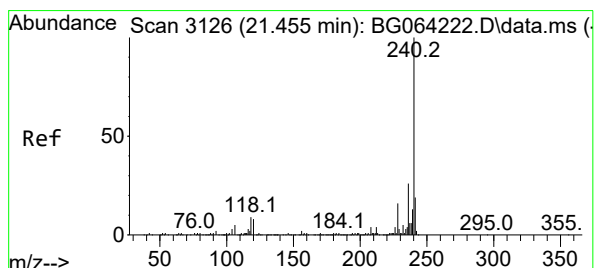
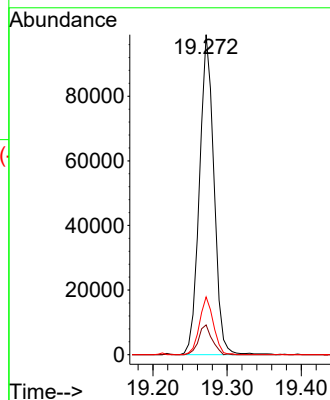
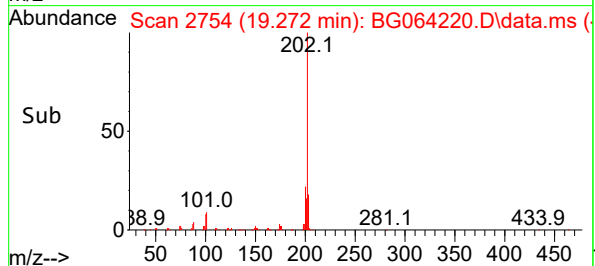
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 13441
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.7
203 18.0 0.0 36.9

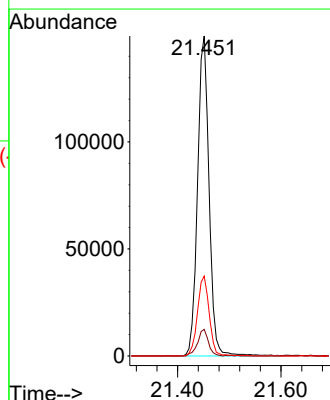
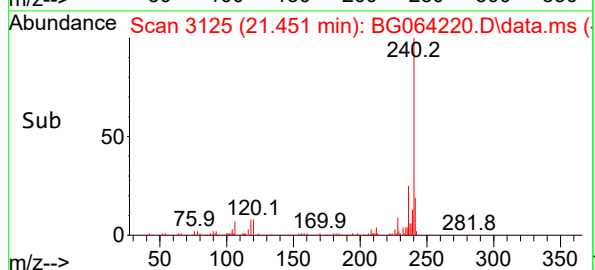
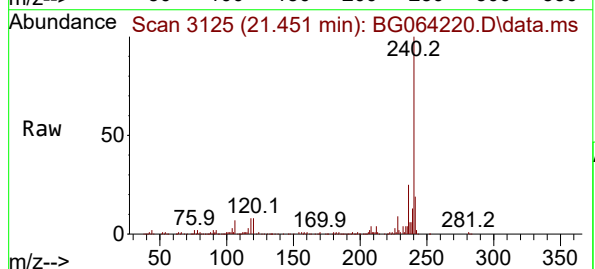
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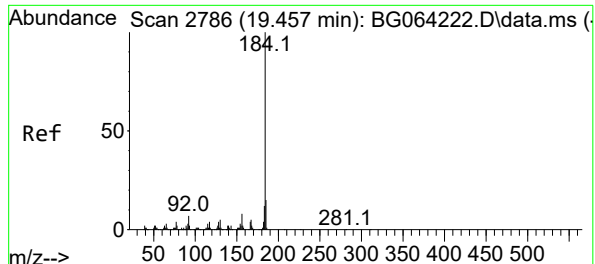
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3125
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:240 Resp: 230611
Ion Ratio Lower Upper
240 100
120 8.3 6.2 9.4
236 25.0 20.5 30.7





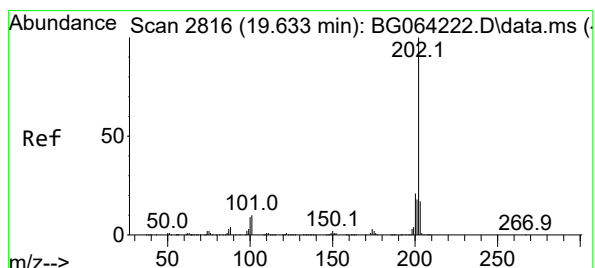
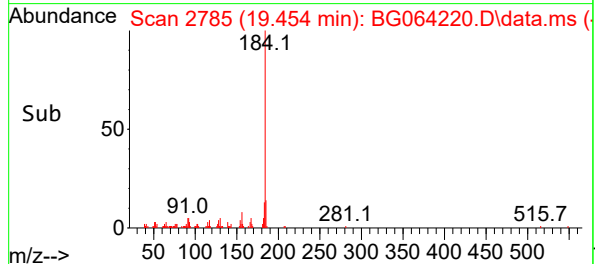
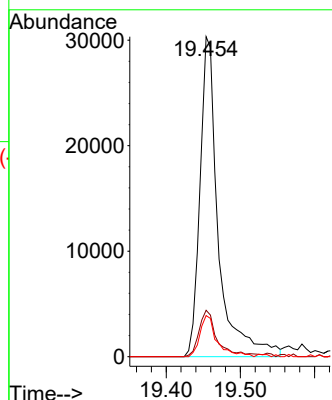
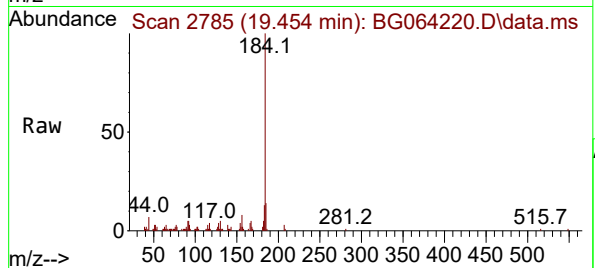
#77
Benzidine
Concen: 10.798 ng
RT: 19.454 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 5238
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 12.8 9.7 14.5

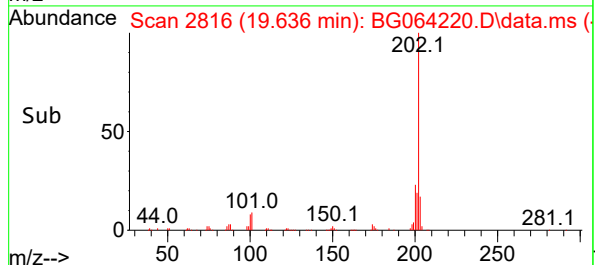
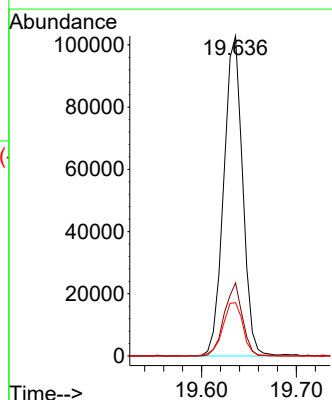
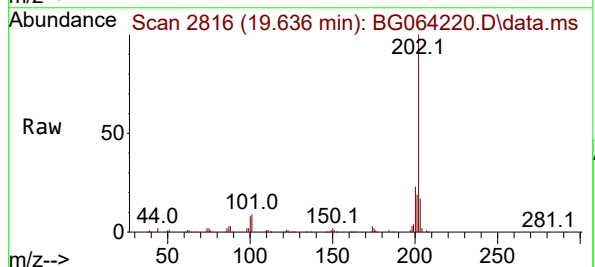
Manual Integrations
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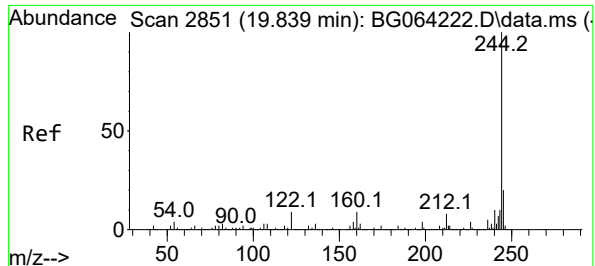
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#78
Pyrene
Concen: 9.807 ng
RT: 19.636 min Scan# 2816
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:202 Resp: 142485
Ion Ratio Lower Upper
202 100
200 22.9 16.9 25.3
203 16.6 13.8 20.8





#79

Terphenyl-d14

Concen: 20.318 ng

RT: 19.842 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:244 Resp: 22458

Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

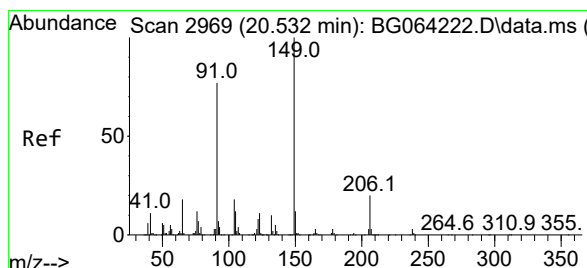
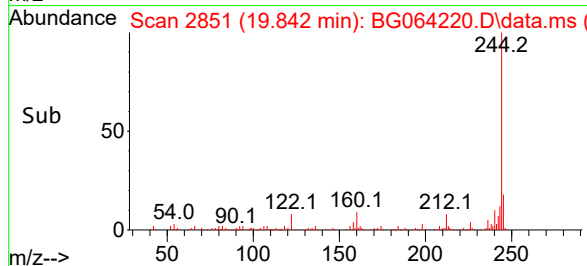
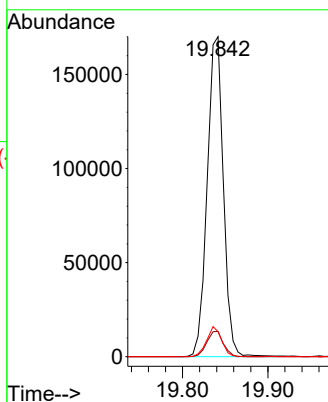
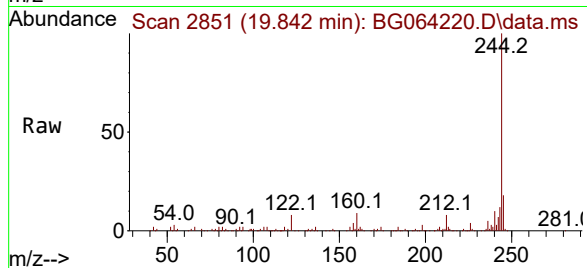
122 7.8 7.0 10.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#80

Butylbenzylphthalate

Concen: 9.269 ng

RT: 20.535 min Scan# 2969

Delta R.T. 0.002 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

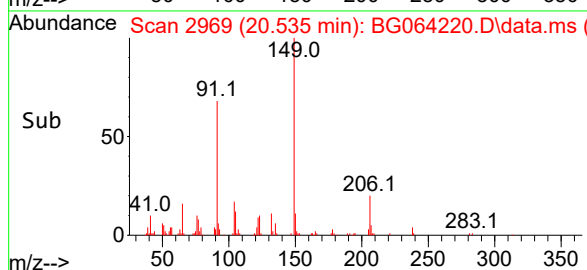
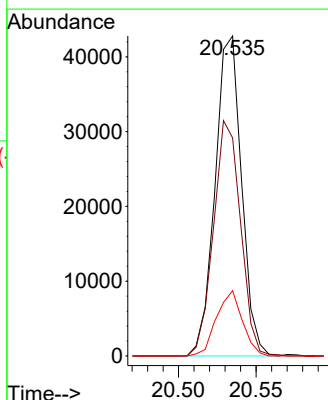
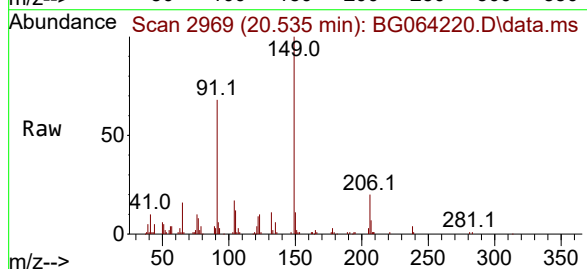
Tgt Ion:149 Resp: 50791

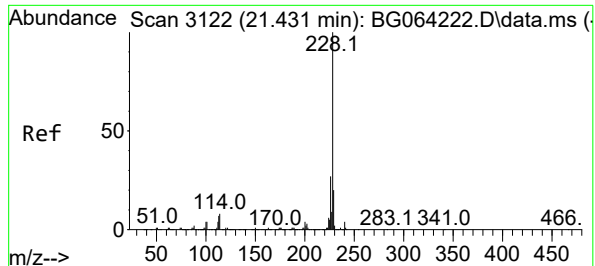
Ion Ratio Lower Upper

149 100

91 68.1 61.4 92.0

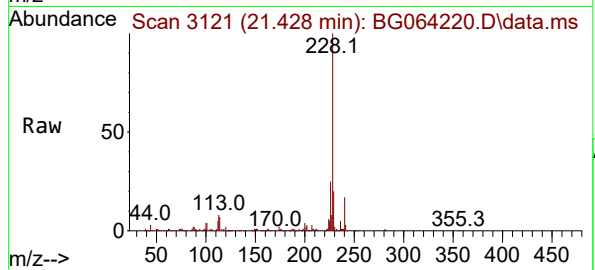
206 20.4 15.8 23.6





#81
Benzo(a)anthracene
Concen: 9.676 ng
RT: 21.428 min Scan# 3122
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

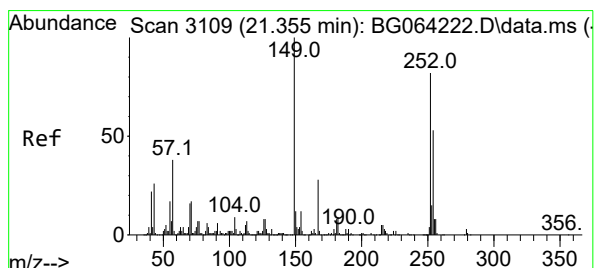
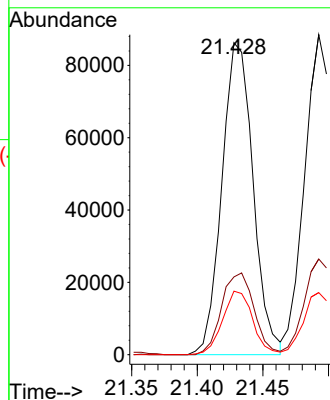
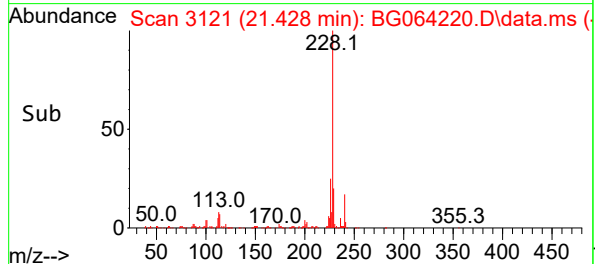
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 142752
Ion Ratio Lower Upper
228 100
226 24.9 21.7 32.5
229 20.3 15.9 23.9

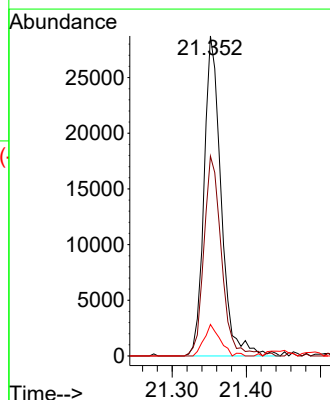
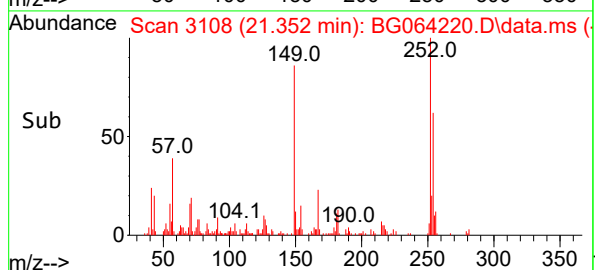
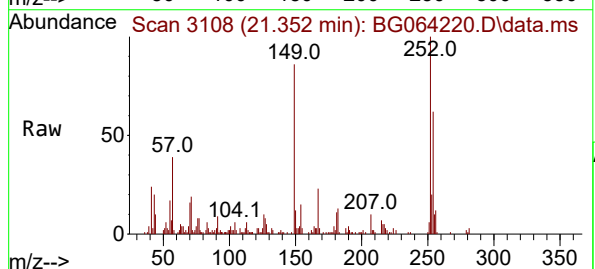
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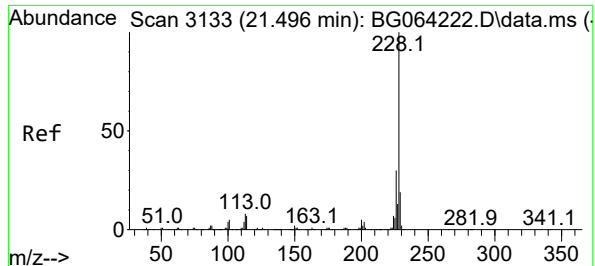
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#82
3,3'-Dichlorobenzidine
Concen: 9.629 ng
RT: 21.352 min Scan# 3108
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:252 Resp: 46265
Ion Ratio Lower Upper
252 100
254 62.5 51.9 77.9
126 9.9 7.6 11.4





#83

Chrysene

Concen: 9.747 ng

RT: 21.493 min Scan# 3110

Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:228 Resp: 138050

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

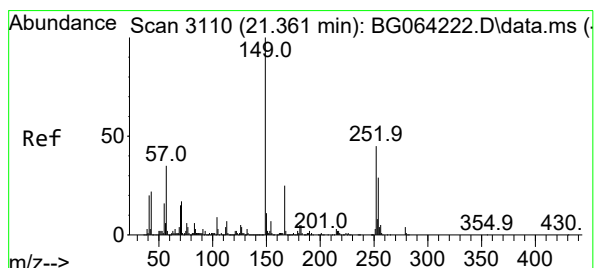
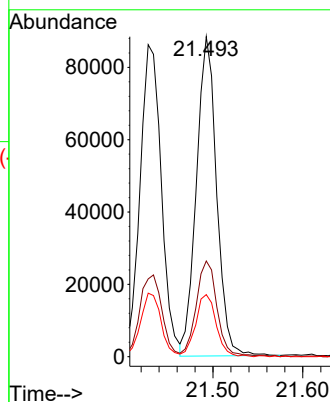
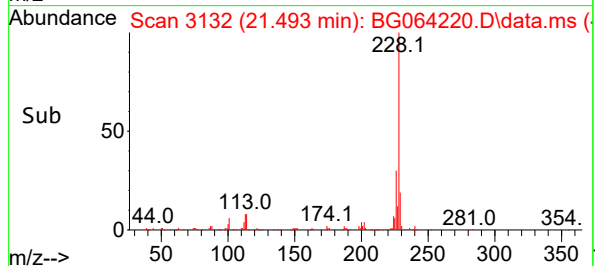
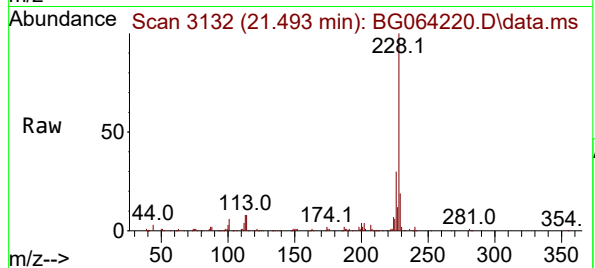
229 19.4 15.4 23.2

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.549 ng

RT: 21.363 min Scan# 3110

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

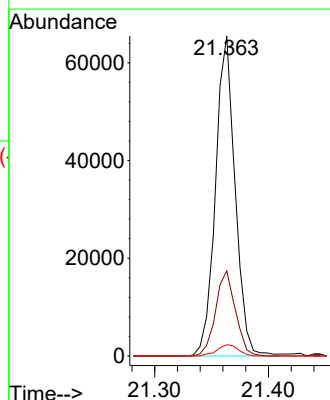
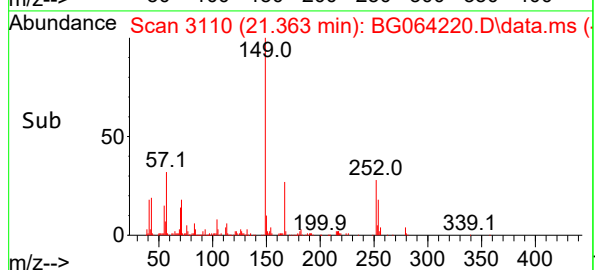
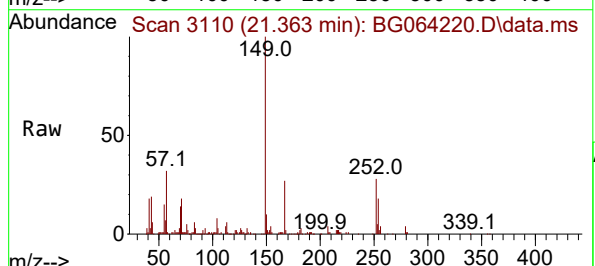
Tgt Ion:149 Resp: 78558

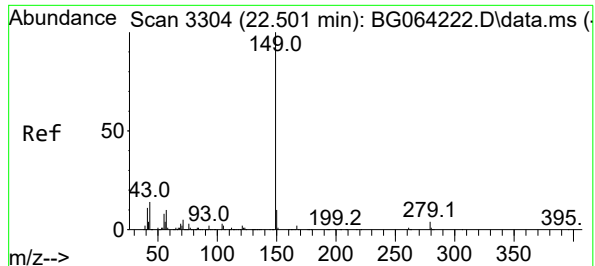
Ion Ratio Lower Upper

149 100

167 26.6 20.0 30.0

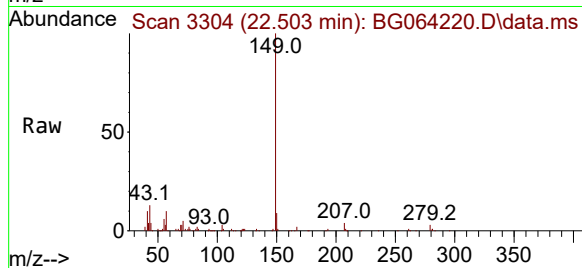
279 3.5 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 9.329 ng
RT: 22.503 min Scan# 3304
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

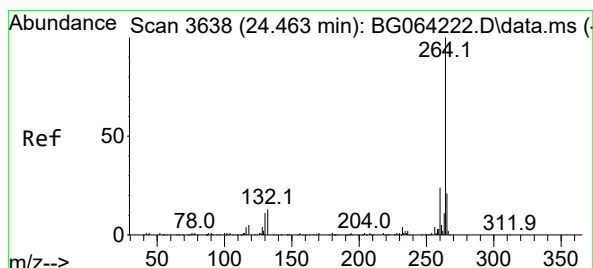
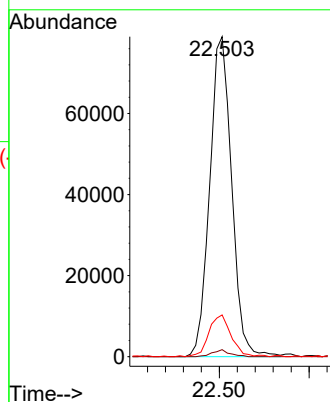
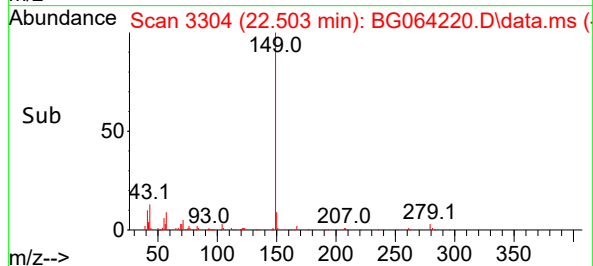
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 133728
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 13.3 10.8 16.2

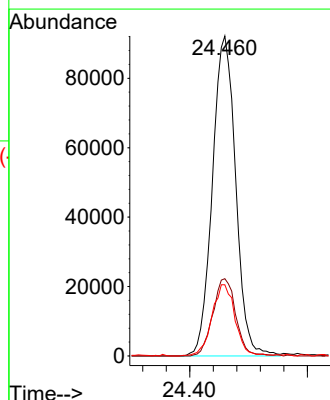
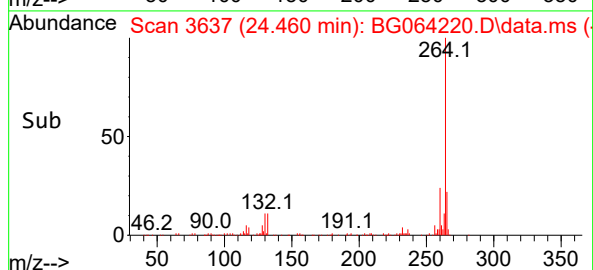
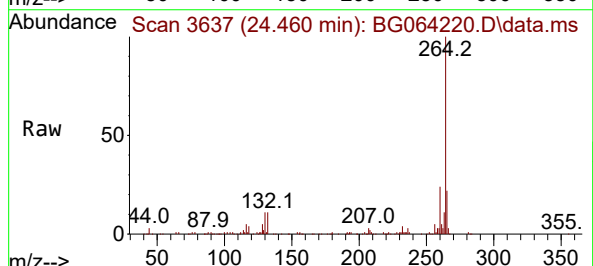
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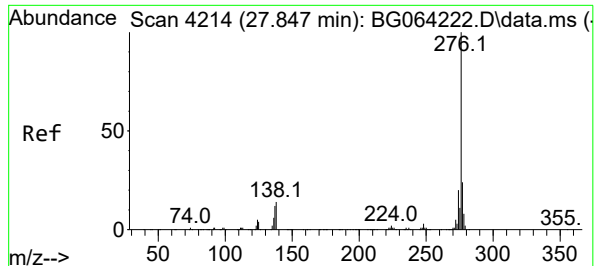
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.460 min Scan# 3637
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

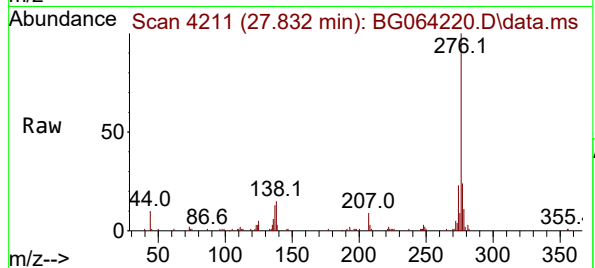
Tgt Ion:264 Resp: 253168
Ion Ratio Lower Upper
264 100
260 24.2 18.9 28.3
265 22.3 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 9.531 ng
RT: 27.832 min Scan# 4211
Delta R.T. -0.039 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

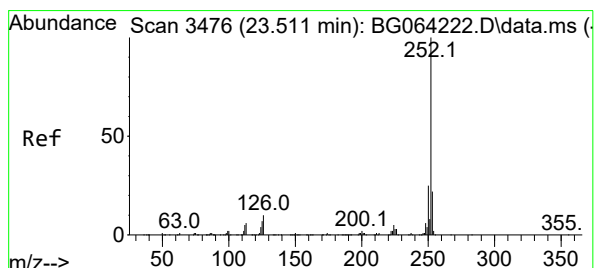
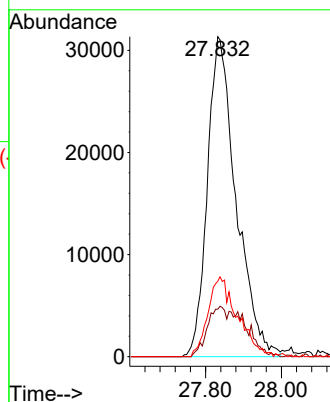
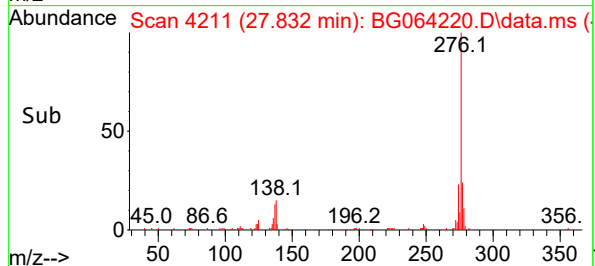
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:276 Resp: 16479
Ion Ratio Lower Upper
276 100
138 10.2 7.4 11.0
277 25.5 20.5 30.7

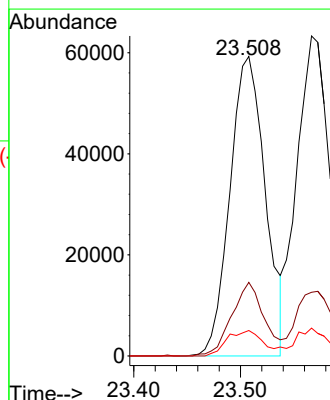
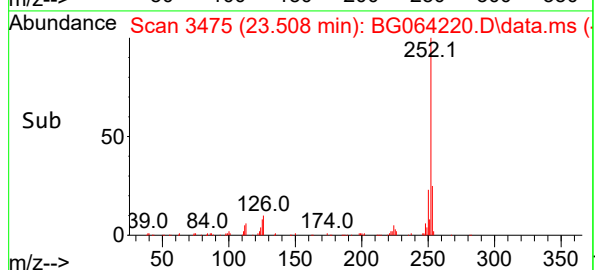
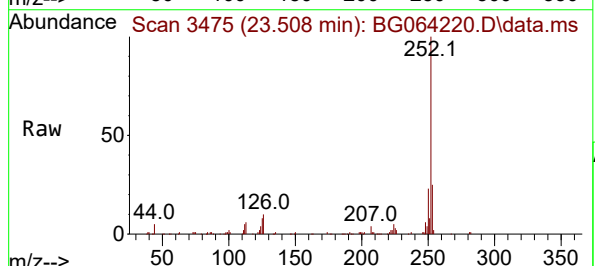
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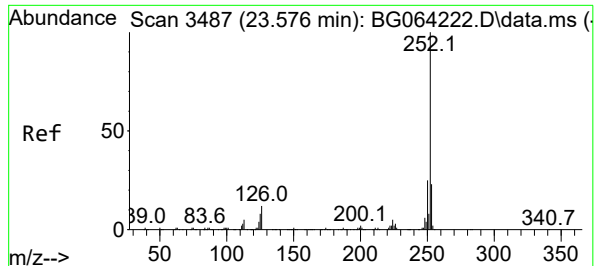
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#88
Benzo(b)fluoranthene
Concen: 9.581 ng
RT: 23.508 min Scan# 3475
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:252 Resp: 136893
Ion Ratio Lower Upper
252 100
253 24.6 17.5 26.3
125 8.5 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 9.798 ng

RT: 23.567 min Scan# 34

Delta R.T. -0.021 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 142634

Ion Ratio Lower Upper

252 100

253 19.9 18.2 27.4

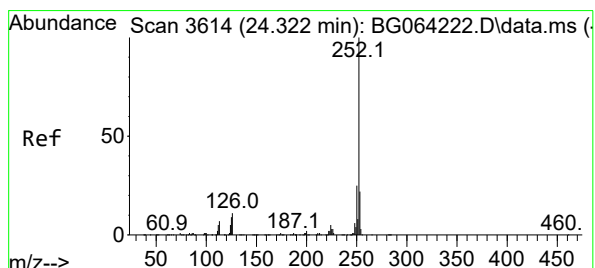
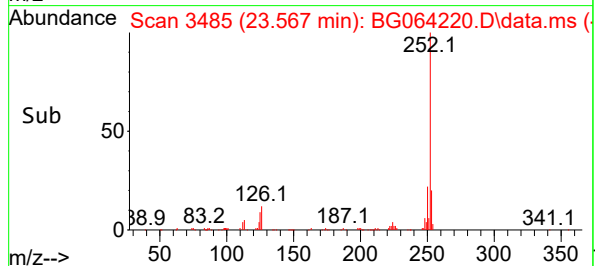
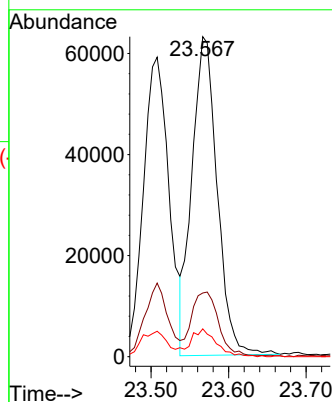
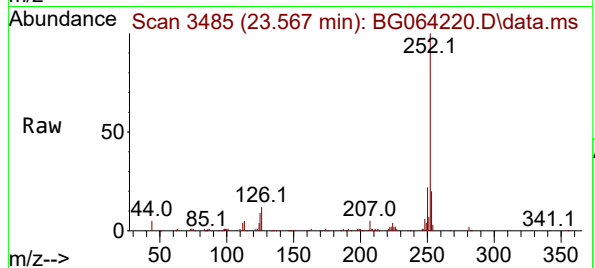
125 8.7 7.0 10.4

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#90

Benzo(a)pyrene

Concen: 9.316 ng

RT: 24.313 min Scan# 3612

Delta R.T. -0.015 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

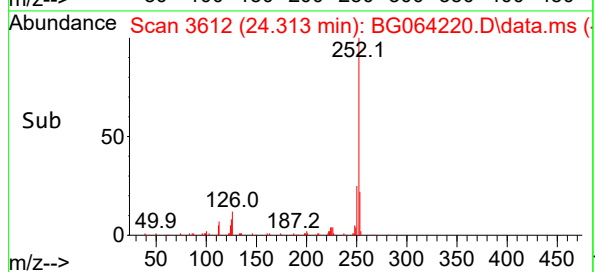
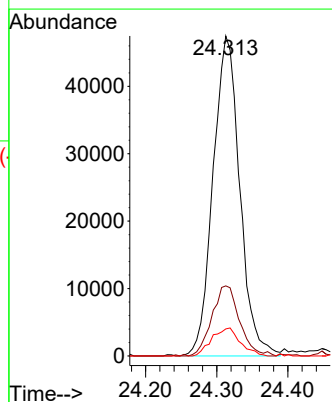
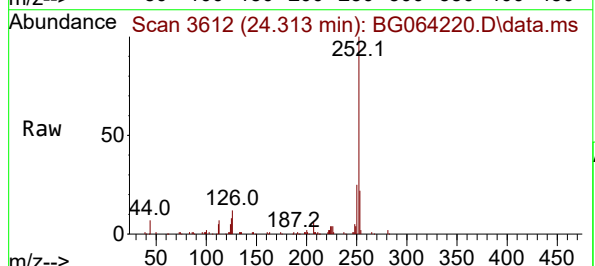
Tgt Ion:252 Resp: 123820

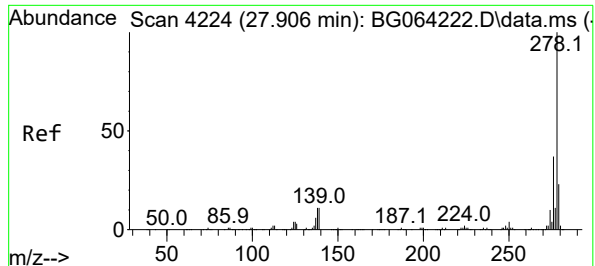
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

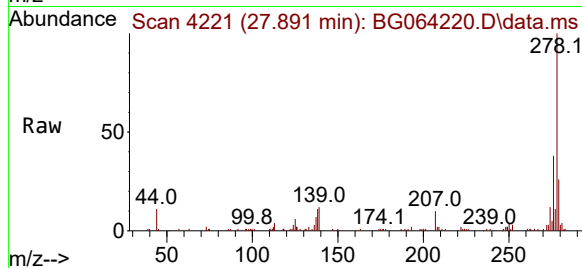
125 8.5 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 9.409 ng
RT: 27.891 min Scan# 41
Delta R.T. -0.033 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

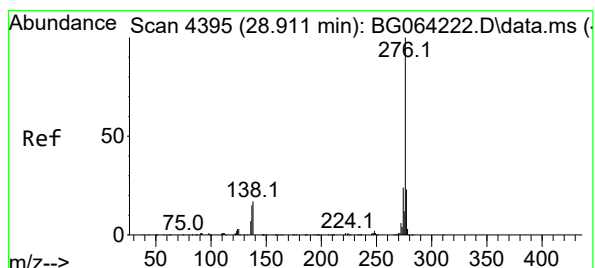
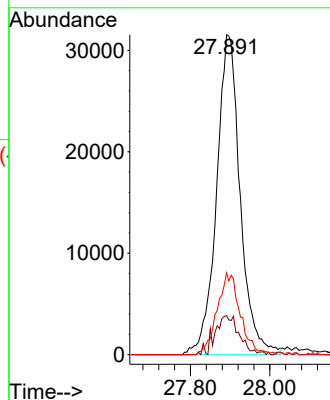
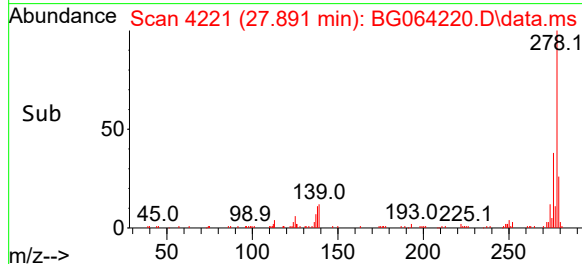
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:278 Resp: 130614
Ion Ratio Lower Upper
278 100
139 12.2 9.0 13.4
279 25.5 18.8 28.2

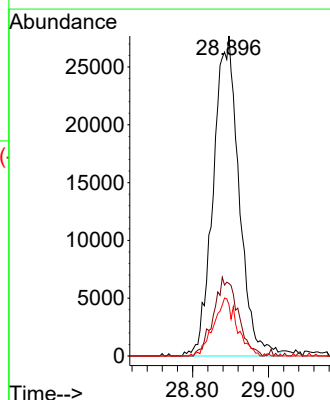
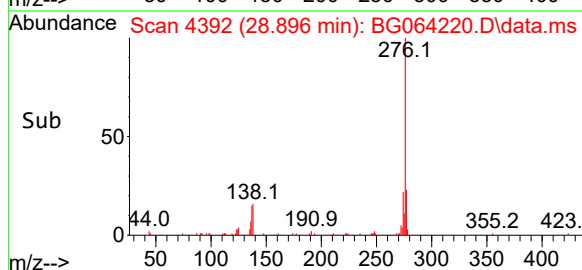
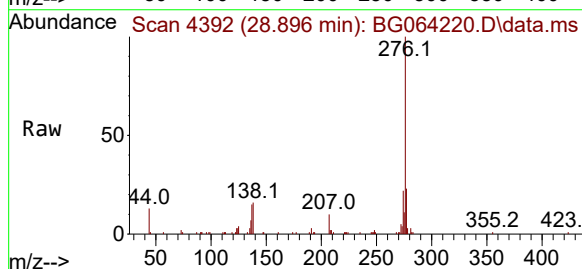
Manual Integrations
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Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#92
Benzo(g,h,i)perylene
Concen: 9.643 ng
RT: 28.896 min Scan# 4392
Delta R.T. -0.039 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:276 Resp: 130254
Ion Ratio Lower Upper
276 100
277 22.6 18.2 27.4
138 16.0 13.3 19.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064221.D
 Acq On : 28 Aug 2025 12:53
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.860	152	27893	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	132216	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	97594	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	226286	20.000	ng	0.00
76) Chrysene-d12	21.450	240	233668	20.000	ng	0.00
86) Perylene-d12	24.458	264	258172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	64409	41.428	ng	0.00
7) Phenol-d6	7.019	99	88910	41.626	ng	-0.01
23) Nitrobenzene-d5	9.005	82	97869	41.282	ng	-0.01
42) 2,4,6-Tribromophenol	15.968	330	52925	40.942	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	265127	41.465	ng	0.00
79) Terphenyl-d14	19.840	244	468161	41.801	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.359	88	13364	20.623	ng	89
3) Pyridine	3.753	79	38395	20.128	ng	# 52
4) n-Nitrosodimethylamine	3.665	42	25498	20.209	ng	# 84
6) Aniline	7.184	93	60202	20.382	ng	# 92
8) 2-Chlorophenol	7.419	128	38517	20.274	ng	97
9) Benzaldehyde	6.996	77	31087m	17.686	ng	
10) Phenol	7.049	94	48810	20.727	ng	99
11) bis(2-Chloroethyl)ether	7.278	93	36896	20.850	ng	94
12) 1,3-Dichlorobenzene	7.748	146	41828	20.695	ng	99
13) 1,4-Dichlorobenzene	7.895	146	41264	20.230	ng	99
14) 1,2-Dichlorobenzene	8.206	146	41178	20.917	ng	91
15) Benzyl Alcohol	8.095	79	40053	20.320	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.377	45	83088	20.566	ng	97
17) 2-Methylphenol	8.294	107	37621	21.436	ng	# 85
18) Hexachloroethane	8.935	117	16021	20.121	ng	# 82
19) n-Nitroso-di-n-propyla...	8.659	70	34556	21.139	ng	# 96
20) 3+4-Methylphenols	8.623	107	49230	20.187	ng	99
22) Acetophenone	8.670	105	69031	20.637	ng	# 95
24) Nitrobenzene	9.052	77	52070	21.022	ng	99
25) Isophorone	9.569	82	104049	21.118	ng	98
26) 2-Nitrophenol	9.757	139	22361	20.893	ng	96
27) 2,4-Dimethylphenol	9.822	122	39643	21.097	ng	97
28) bis(2-Chloroethoxy)met...	10.057	93	55148	20.758	ng	95
29) 2,4-Dichlorophenol	10.292	162	42128	21.248	ng	95
30) 1,2,4-Trichlorobenzene	10.509	180	43234	20.681	ng	92
31) Naphthalene	10.692	128	142418	20.772	ng	98
32) Benzoic acid	9.928	122	27202	18.237	ng	92
33) 4-Chloroaniline	10.797	127	54708	20.588	ng	98
34) Hexachlorobutadiene	10.991	225	31157	20.163	ng	91
35) Caprolactam	11.555	113	17073	22.239	ng	# 84
36) 4-Chloro-3-methylphenol	11.920	107	53139	20.657	ng	92
37) 2-Methylnaphthalene	12.301	142	109822	21.550	ng	96
38) 1-Methylnaphthalene	12.525	142	105864	21.031	ng	98
40) 1,2,4,5-Tetrachloroben...	12.672	216	58253	20.687	ng	99
41) Hexachlorocyclopentadiene	12.660	237	24999	18.680	ng	81
43) 2,4,6-Trichlorophenol	12.913	196	39082	20.765	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064221.D
 Acq On : 28 Aug 2025 12:53
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.977	196	42626	20.878	ng	92
46) 1,1'-Biphenyl	13.318	154	145186	20.425	ng	99
47) 2-Chloronaphthalene	13.353	162	108659	20.333	ng	97
48) 2-Nitroaniline	13.553	65	36296	19.927	ng	96
49) Acenaphthylene	14.199	152	163464	20.693	ng	98
50) Dimethylphthalate	13.935	163	153139	20.731	ng	98
51) 2,6-Dinitrotoluene	14.052	165	29384	20.547	ng	90
52) Acenaphthene	14.546	154	114630	20.562	ng	97
53) 3-Nitroaniline	14.381	138	30798	20.559	ng	95
54) 2,4-Dinitrophenol	14.587	184	13409	18.989	ng #	86
55) Dibenzofuran	14.881	168	179568	20.478	ng	100
56) 4-Nitrophenol	14.687	139	24395	19.853	ng	91
57) 2,4-Dinitrotoluene	14.840	165	45085	20.850	ng	94
58) Fluorene	15.527	166	151193	21.037	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.104	232	40905	20.831	ng	98
60) Diethylphthalate	15.304	149	162465	20.550	ng	99
61) 4-Chlorophenyl-phenyle...	15.527	204	74031	20.660	ng	93
62) 4-Nitroaniline	15.539	138	30317	19.833	ng	97
63) Azobenzene	15.815	77	147419	20.922	ng	96
65) 4,6-Dinitro-2-methylph...	15.603	198	24257	18.671	ng	93
66) n-Nitrosodiphenylamine	15.739	169	129237	20.761	ng	98
67) 4-Bromophenyl-phenylether	16.414	248	49269	20.499	ng	93
68) Hexachlorobenzene	16.532	284	55170	20.671	ng	93
69) Atrazine	16.685	200	52170	20.072	ng	99
70) Pentachlorophenol	16.873	266	30473	18.830	ng	88
71) Phenanthrene	17.260	178	246727	20.672	ng	98
72) Anthracene	17.354	178	247090	20.352	ng	99
73) Carbazole	17.619	167	217200	20.308	ng	99
74) Di-n-butylphthalate	18.195	149	259387	20.187	ng	98
75) Fluoranthene	19.276	202	287131	20.461	ng	97
77) Benzidine	19.458	184	122689	24.959	ng	99
78) Pyrene	19.634	202	300446	20.409	ng	98
80) Butylbenzylphthalate	20.533	149	114931	20.699	ng	97
81) Benzo(a)anthracene	21.432	228	306551	20.506	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	102925	21.141	ng	100
83) Chrysene	21.497	228	293057	20.420	ng	98
84) Bis(2-ethylhexyl)phtha...	21.361	149	167957	20.148	ng #	96
85) Di-n-octyl phthalate	22.501	149	295768	20.362	ng	100
87) Indeno(1,2,3-cd)pyrene	27.842	276	357251	20.263	ng #	96
88) Benzo(b)fluoranthene	23.512	252	295568	20.285	ng	98
89) Benzo(k)fluoranthene	23.576	252	304190	20.492	ng	97
90) Benzo(a)pyrene	24.317	252	277917	20.504	ng	98
91) Dibenzo(a,h)anthracene	27.901	278	287627	20.318	ng	95
92) Benzo(g,h,i)perylene	28.900	276	276197	20.051	ng	99

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

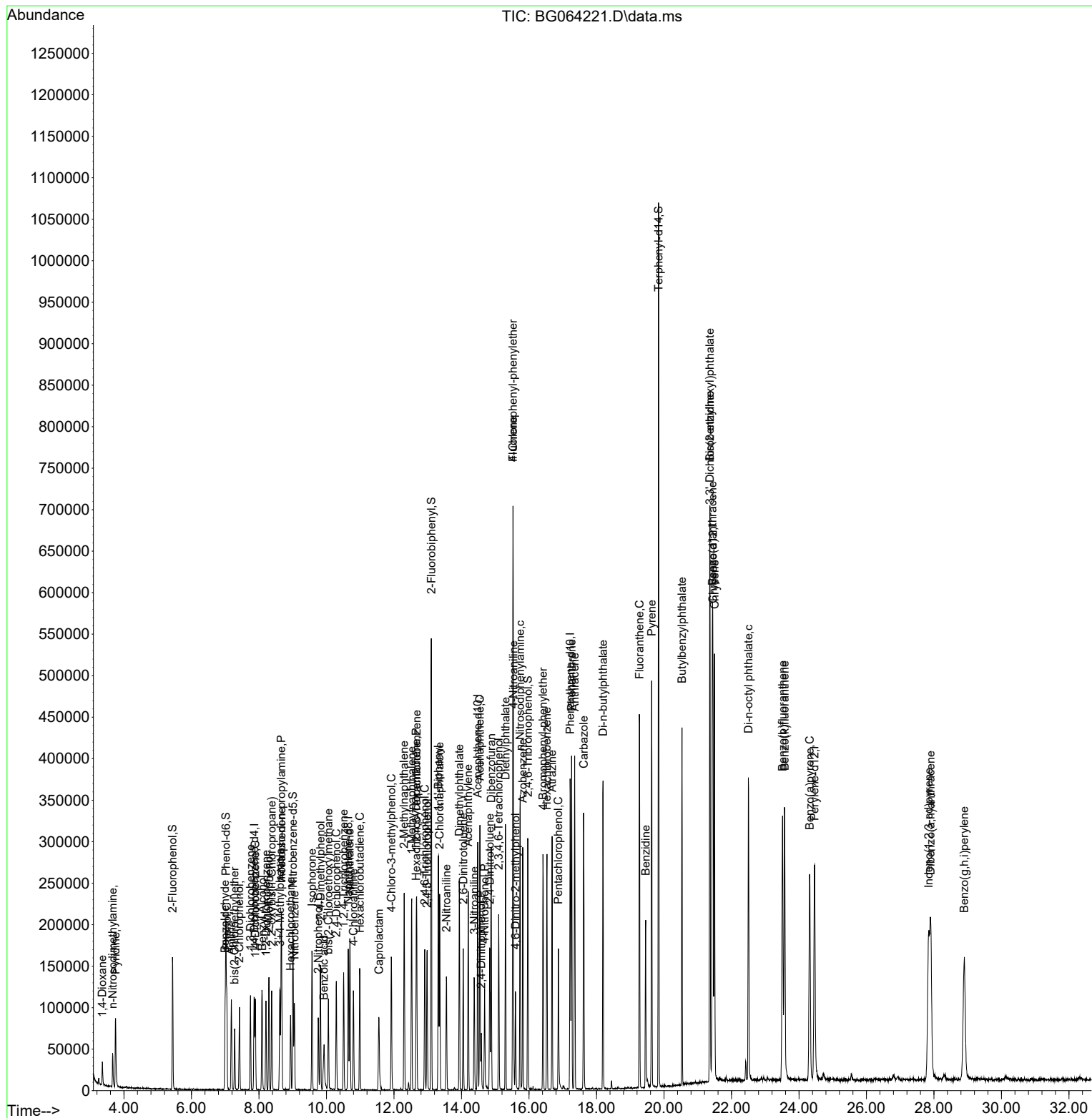
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Data File : BG064221.D
Acq On : 28 Aug 2025 12:53
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

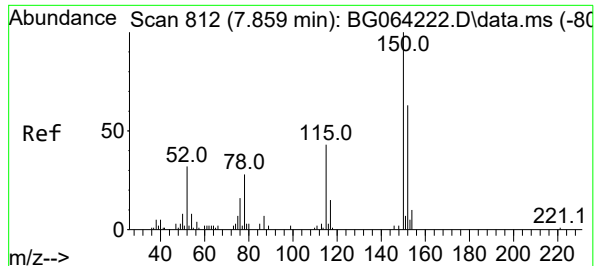
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

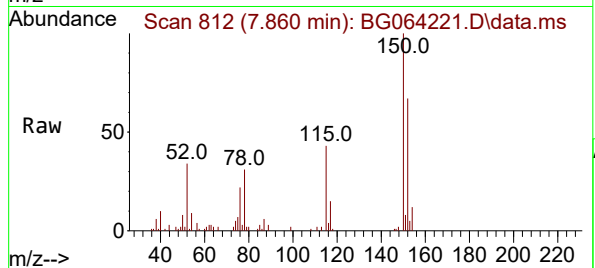
Quant Time: Aug 28 18:40:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.860 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

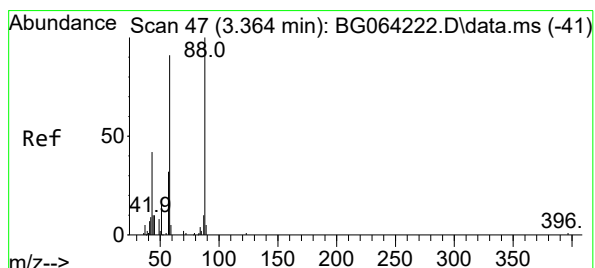
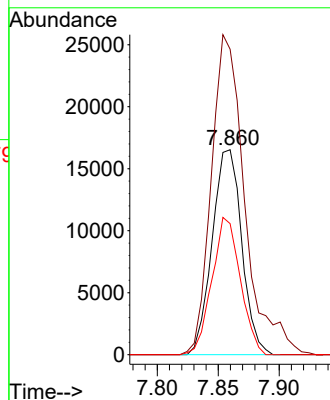
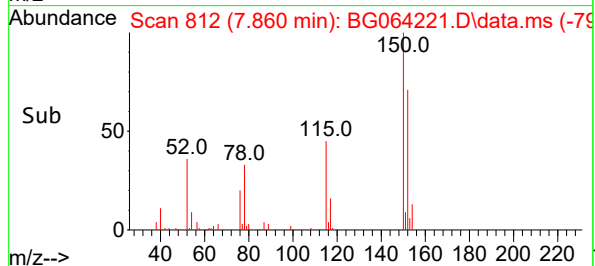
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 2789
Ion Ratio Lower Upper
152 100
150 149.1 128.0 192.0
115 64.0 55.7 83.5

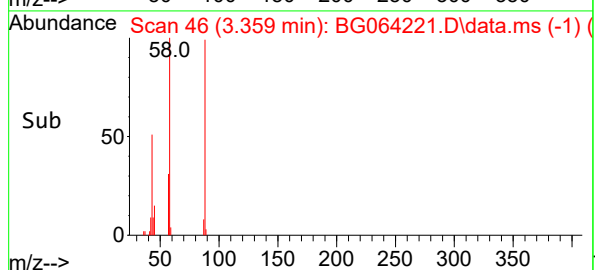
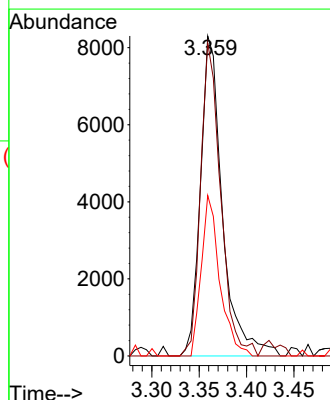
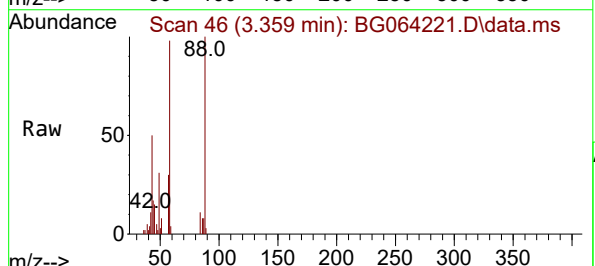
Manual Integrations
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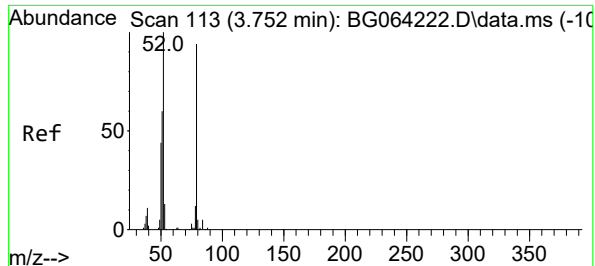
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#2
1,4-Dioxane
Concen: 20.623 ng
RT: 3.359 min Scan# 46
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

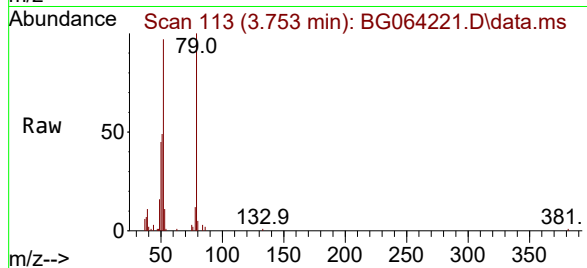
Tgt Ion: 88 Resp: 13364
Ion Ratio Lower Upper
88 100
58 89.6 80.8 121.2
43 42.4 40.3 60.5





#3
Pyridine
Concen: 20.128 ng
RT: 3.753 min Scan# 113
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

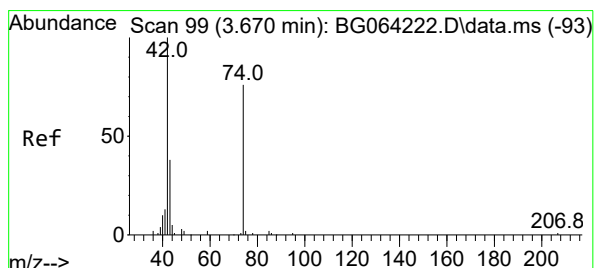
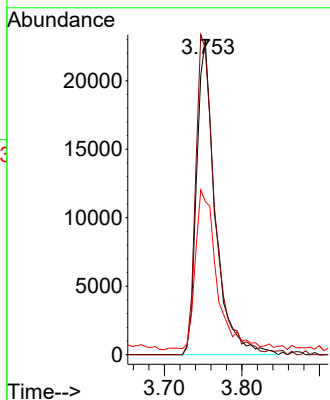
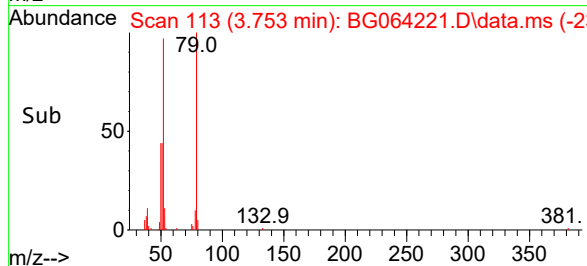
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion: 79 Resp: 3839
Ion Ratio Lower Upper
79 100
52 97.5 86.6 129.8
51 48.8 114.1 171.1

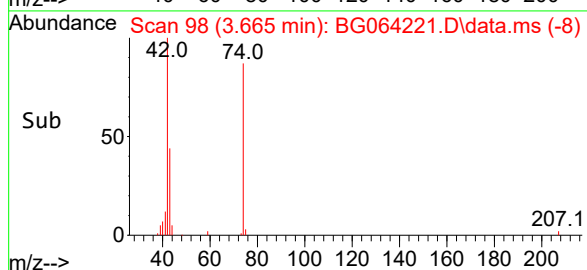
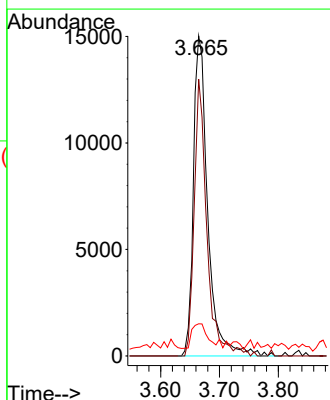
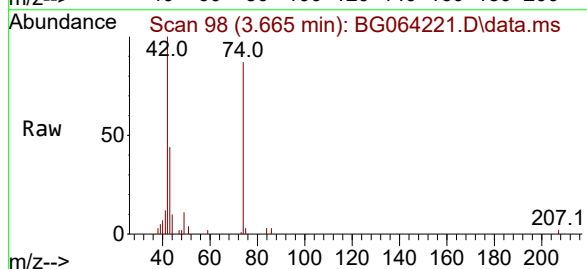
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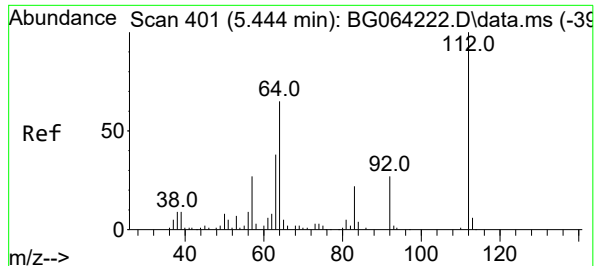
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#4
n-Nitrosodimethylamine
Concen: 20.209 ng
RT: 3.665 min Scan# 98
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

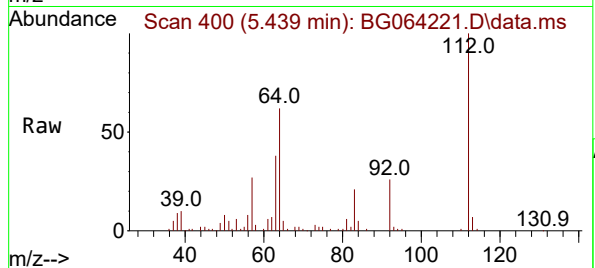
Tgt Ion: 42 Resp: 25498
Ion Ratio Lower Upper
42 100
74 86.5 58.0 87.0
44 10.0 5.5 8.3





#5
2-Fluorophenol
Concen: 41.428 ng
RT: 5.439 min Scan# 401
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

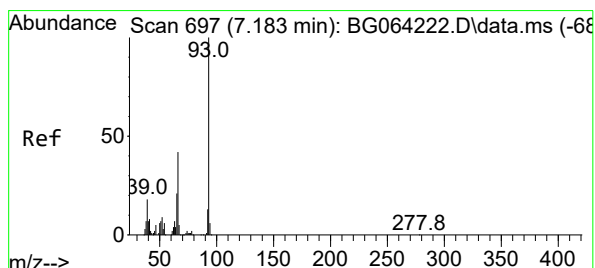
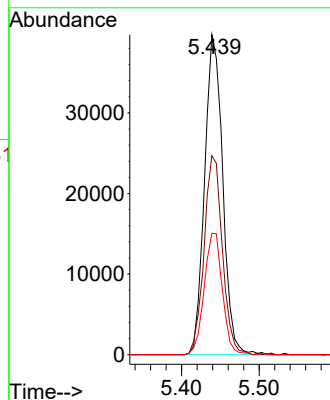
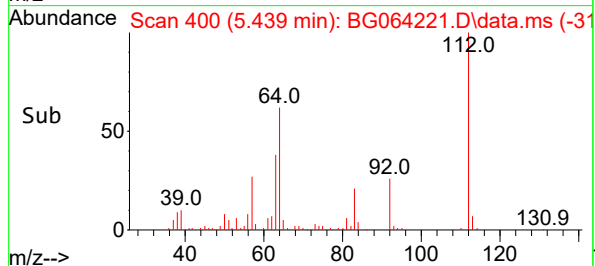
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:112 Resp: 64409
Ion Ratio Lower Upper
112 100
64 62.1 51.8 77.6
63 38.0 30.6 45.8

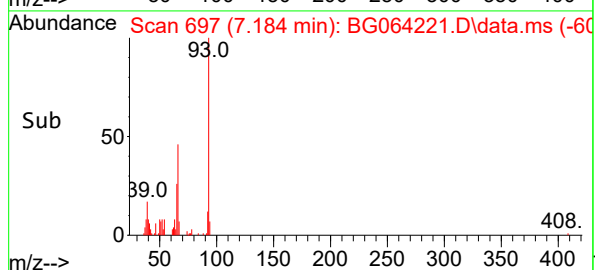
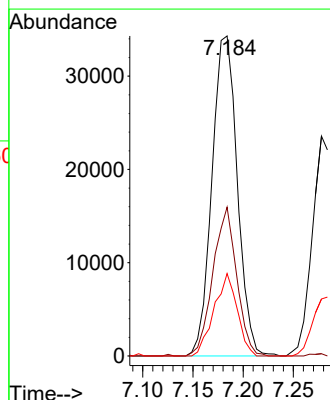
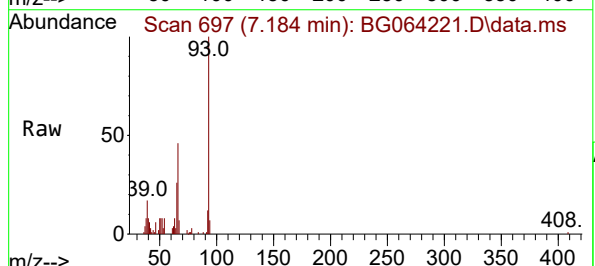
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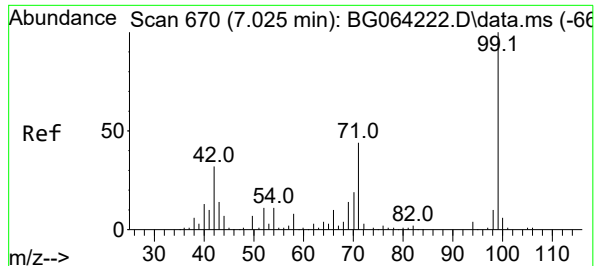
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#6
Aniline
Concen: 20.382 ng
RT: 7.184 min Scan# 697
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion: 93 Resp: 60202
Ion Ratio Lower Upper
93 100
66 46.5 33.8 50.8
65 25.8 16.9 25.3#





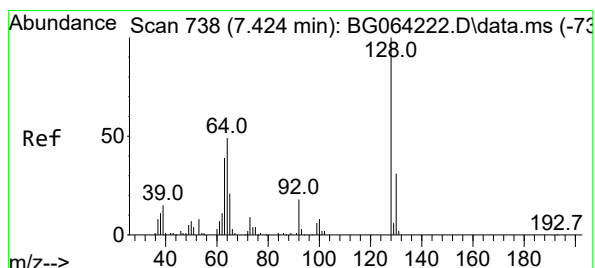
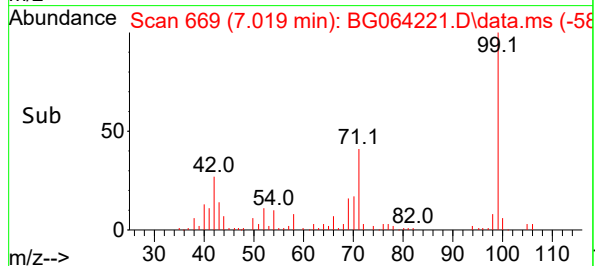
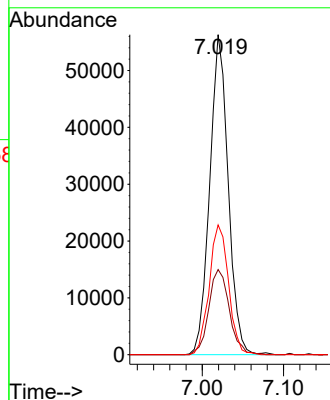
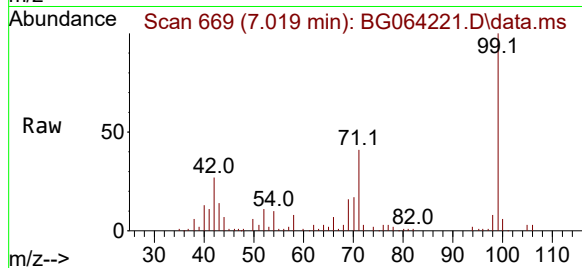
#7
Phenol-d6
Concen: 41.626 ng
RT: 7.019 min Scan# 609
Delta R.T. -0.011 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 88910
Ion Ratio Lower Upper
99 100
42 26.6 25.8 38.8
71 40.6 35.2 52.8

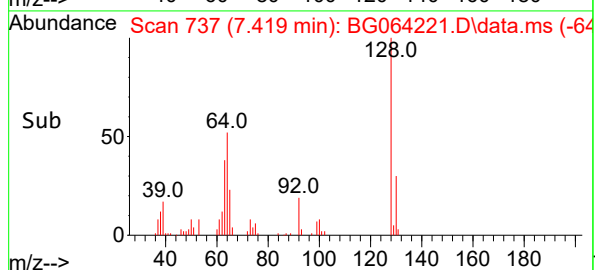
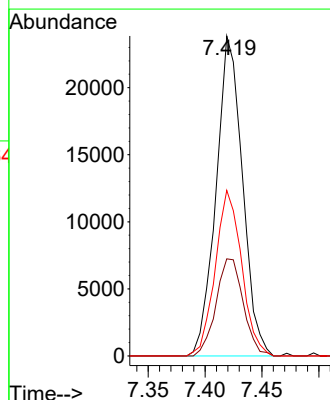
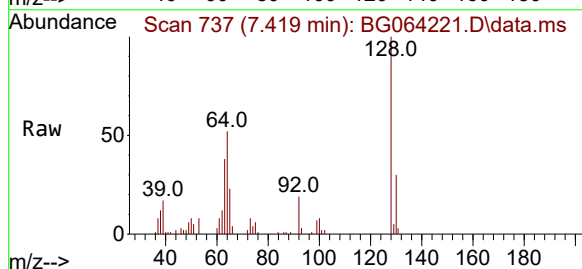
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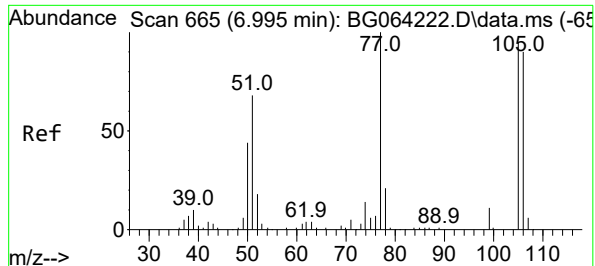
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#8
2-Chlorophenol
Concen: 20.274 ng
RT: 7.419 min Scan# 737
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:128 Resp: 38517
Ion Ratio Lower Upper
128 100
130 30.4 10.9 50.9
64 51.8 28.7 68.7





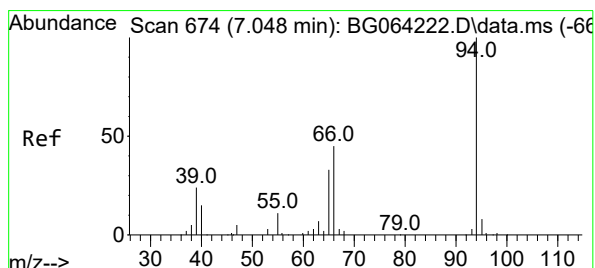
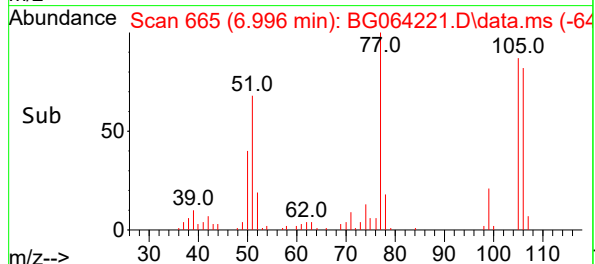
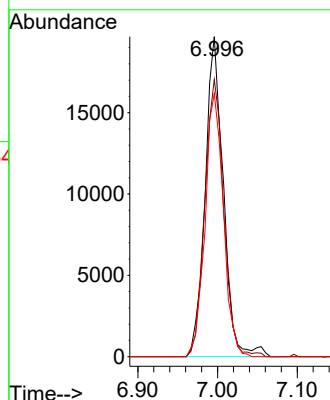
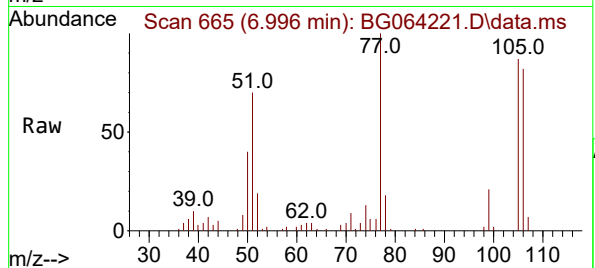
#9
Benzaldehyde
Concen: 17.686 ng m
RT: 6.996 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 3108
Ion Ratio Lower Upper
77 100
105 86.6 75.2 115.2
106 82.2 69.6 109.6

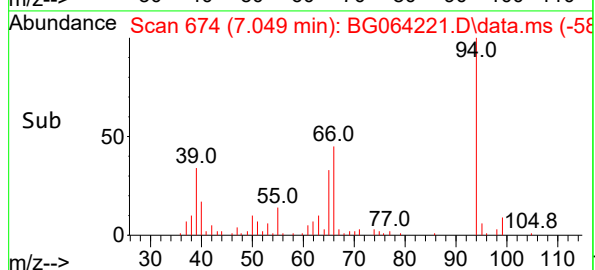
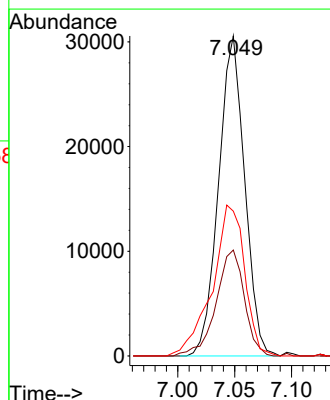
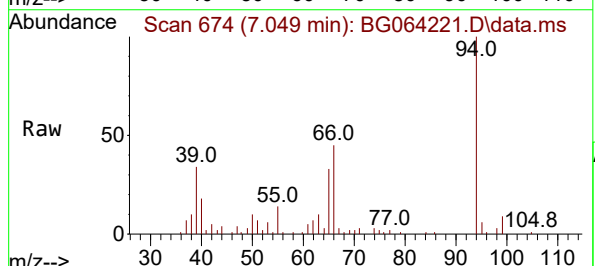
Manual Integrations
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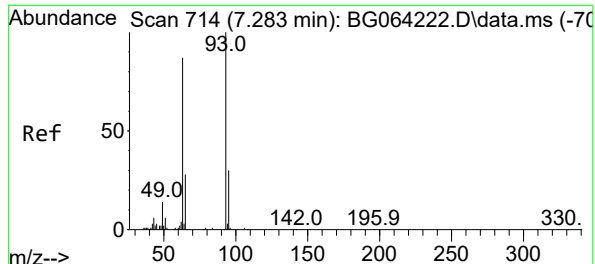
Reviewed By :Rahul Chavli 08/29/2025
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#10
Phenol
Concen: 20.727 ng
RT: 7.049 min Scan# 674
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion: 94 Resp: 48810
Ion Ratio Lower Upper
94 100
65 33.1 13.5 53.5
66 45.3 26.2 66.2





#11

bis(2-Chloroethyl)ether

Concen: 20.850 ng

RT: 7.278 min Scan# 714

Delta R.T. -0.005 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 93 Resp: 36890

Ion Ratio Lower Upper

93 100

63 92.1 66.2 106.2

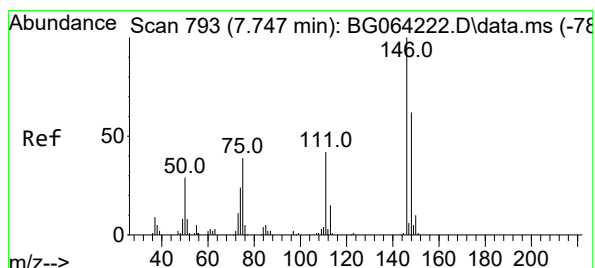
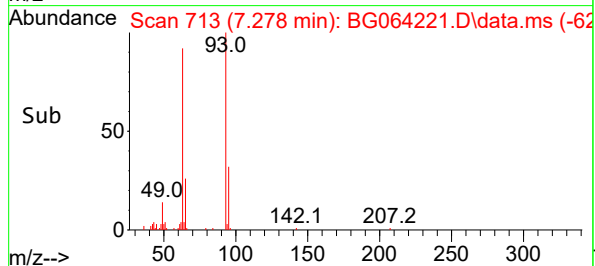
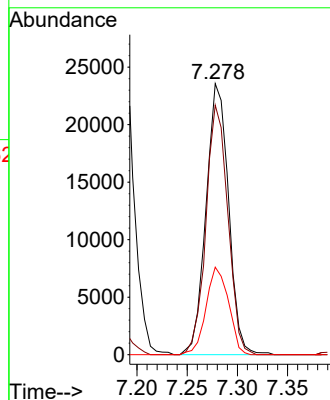
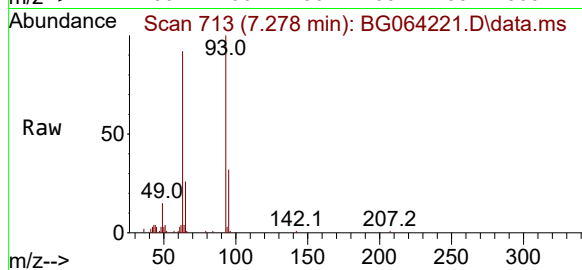
95 32.3 9.8 49.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/29/2025



#12

1,3-Dichlorobenzene

Concen: 20.695 ng

RT: 7.748 min Scan# 793

Delta R.T. 0.001 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

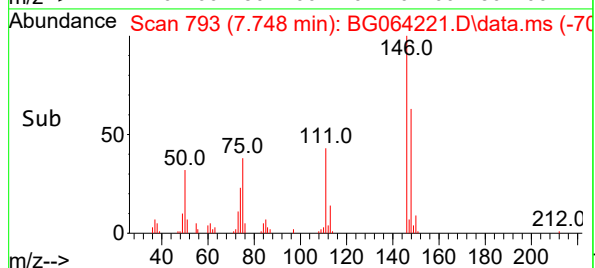
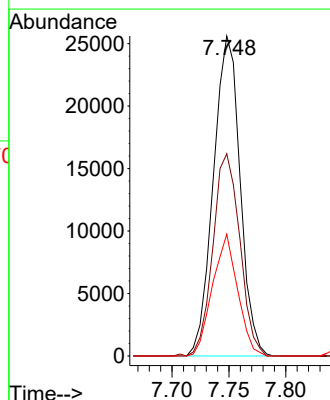
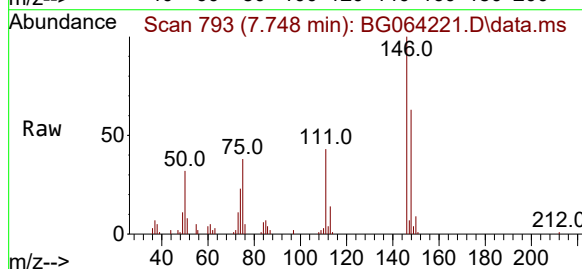
Tgt Ion:146 Resp: 41828

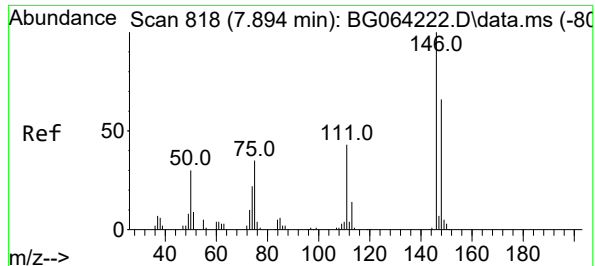
Ion Ratio Lower Upper

146 100

148 63.2 49.6 74.4

75 38.0 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 20.230 ng

RT: 7.895 min Scan# 818

Delta R.T. 0.000 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 41264

Ion Ratio Lower Upper

146 100

148 66.7 52.8 79.2

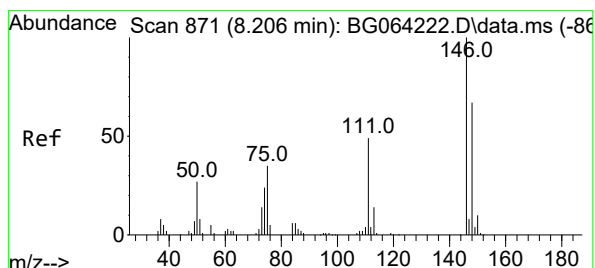
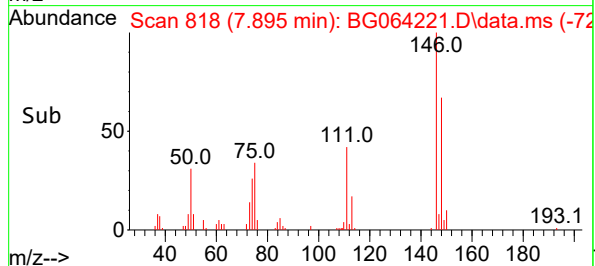
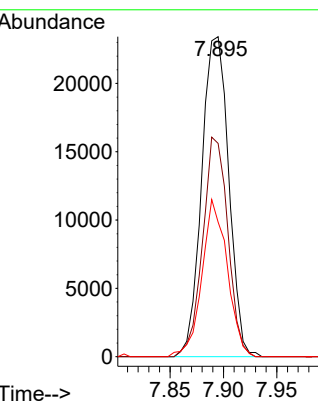
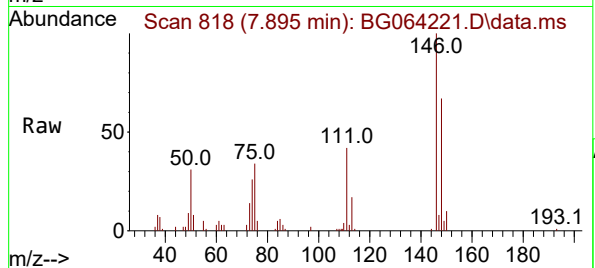
111 42.0 34.1 51.1

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/29/2025



#14

1,2-Dichlorobenzene

Concen: 20.917 ng

RT: 8.206 min Scan# 871

Delta R.T. -0.005 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

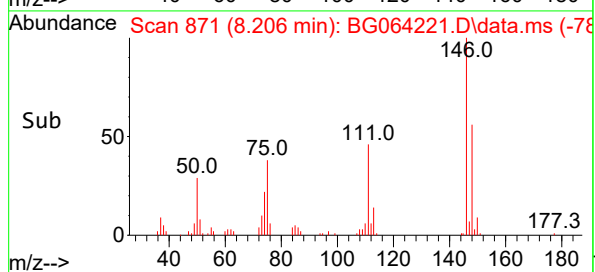
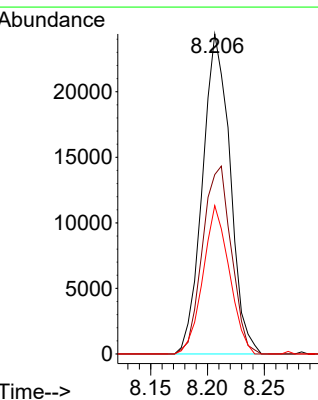
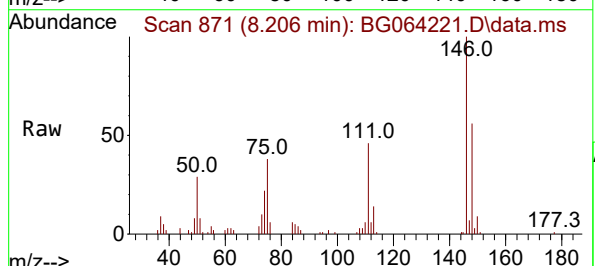
Tgt Ion:146 Resp: 41178

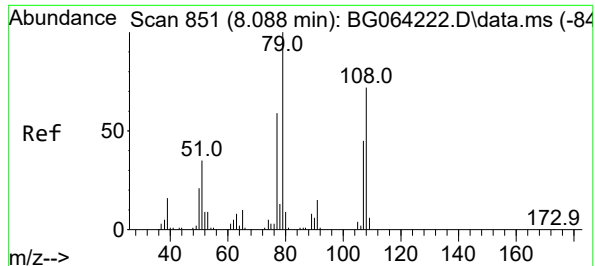
Ion Ratio Lower Upper

146 100

148 56.0 53.4 80.0

111 46.4 39.1 58.7





#15

Benzyl Alcohol

Concen: 20.320 ng

RT: 8.095 min Scan# 80

Delta R.T. 0.000 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 4005

Ion Ratio Lower Upper

79 100

108 70.8 57.4 86.0

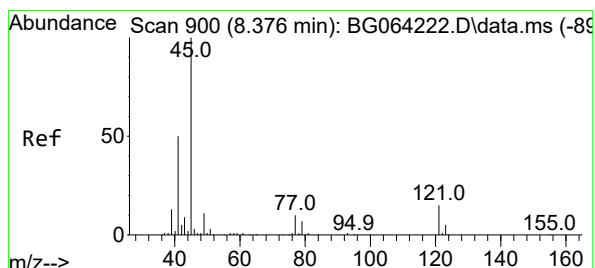
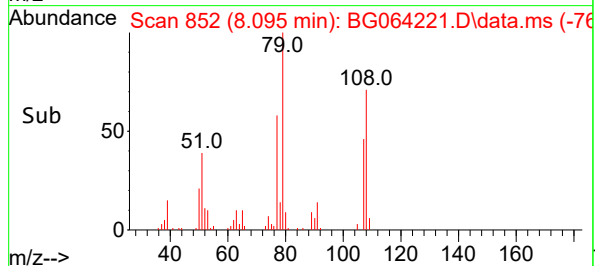
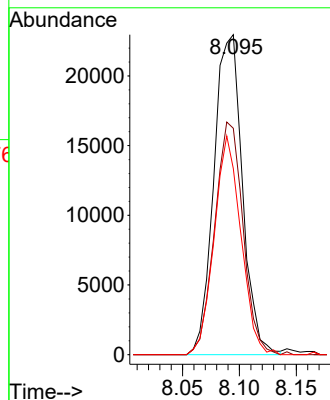
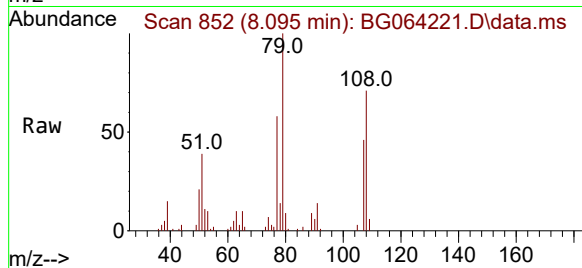
77 58.2 47.2 70.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.566 ng

RT: 8.377 min Scan# 900

Delta R.T. 0.000 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

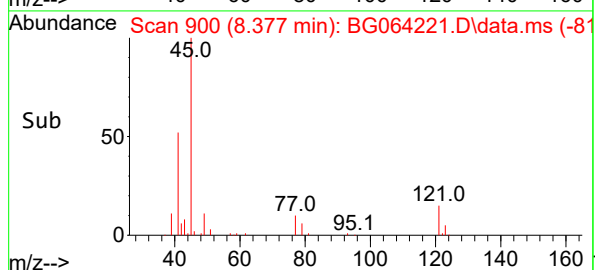
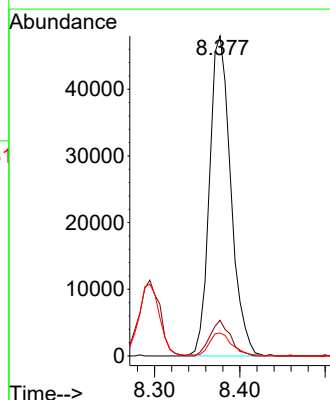
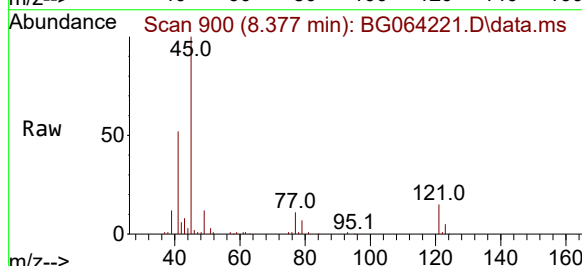
Tgt Ion: 45 Resp: 83088

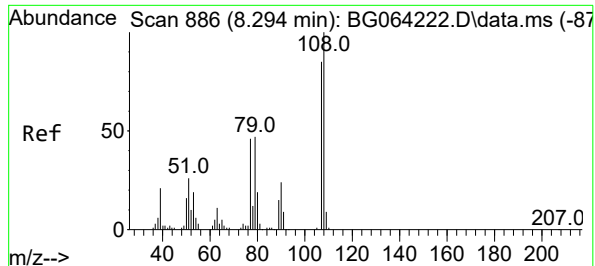
Ion Ratio Lower Upper

45 100

77 11.2 0.0 30.0

79 7.1 0.0 27.9





#17

2-Methylphenol

Concen: 21.436 ng

RT: 8.294 min Scan# 886

Delta R.T. -0.005 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

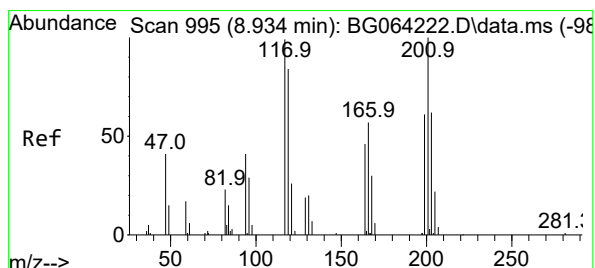
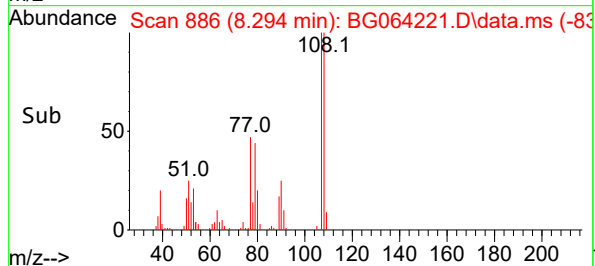
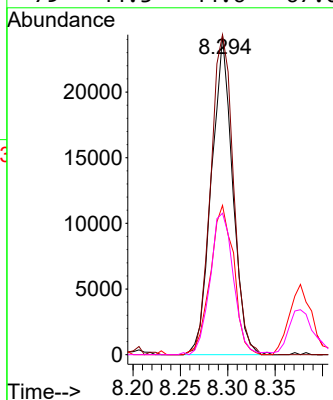
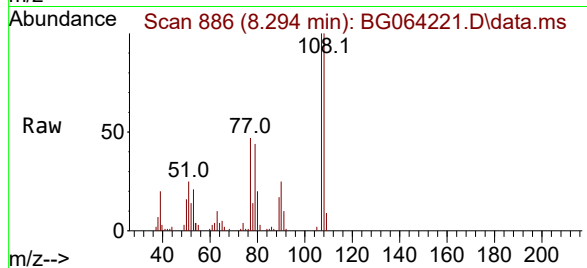
Tgt Ion:	107	Resp:	3762
Ion	Ratio	Lower	Upper
107	100		
108	100.2	94.6	141.8
77	46.8	43.7	65.5
79	44.3	44.6	67.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#18

Hexachloroethane

Concen: 20.121 ng

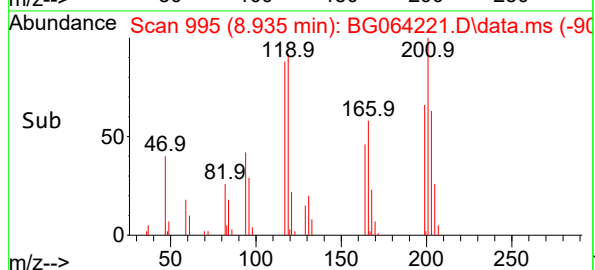
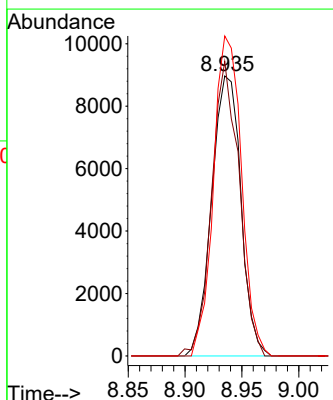
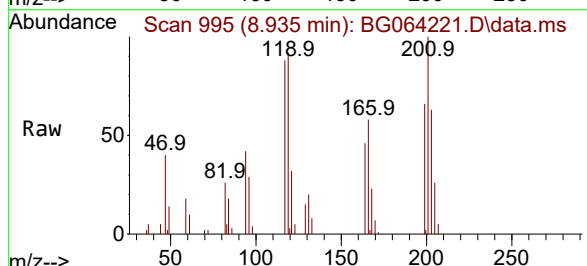
RT: 8.935 min Scan# 995

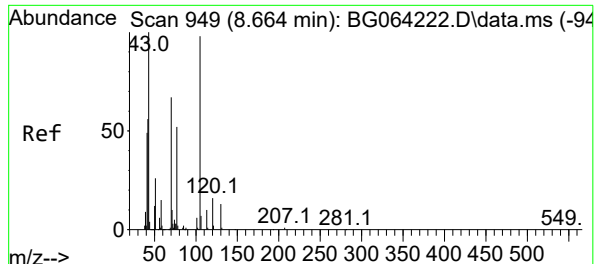
Delta R.T. 0.001 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Tgt Ion:	117	Resp:	16021
Ion	Ratio	Lower	Upper
117	100		
119	105.2	67.9	101.9
201	114.3	80.5	120.7





#19

n-Nitroso-di-n-propylamine

Concen: 21.139 ng

RT: 8.659 min Scan# 94

Delta R.T. -0.005 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 34550

Ion Ratio Lower Upper

70 100

42 87.6 67.9 101.9

101 11.8 7.3 10.9

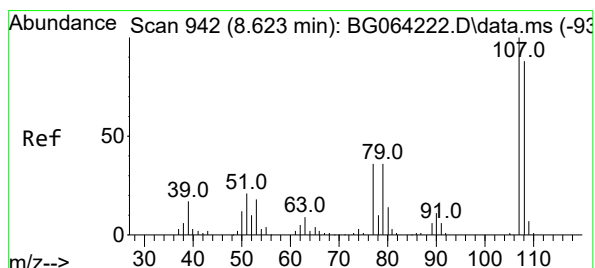
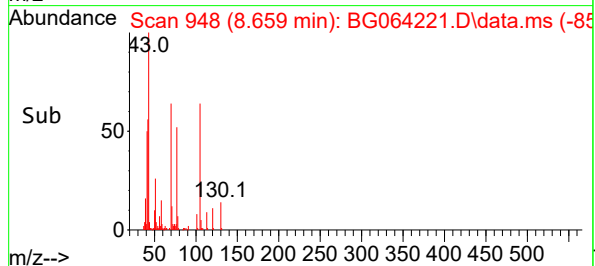
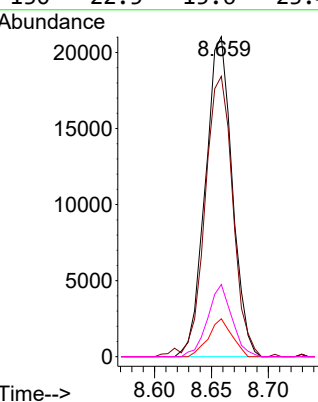
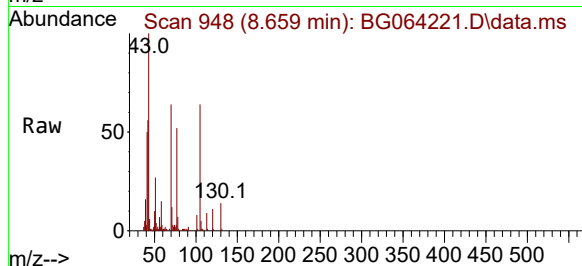
130 22.5 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#20

3+4-Methylphenols

Concen: 20.187 ng

RT: 8.623 min Scan# 942

Delta R.T. -0.005 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Tgt Ion:107 Resp: 49230

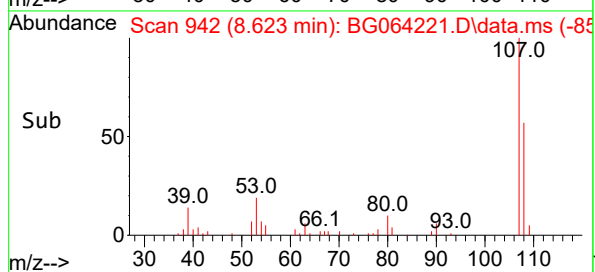
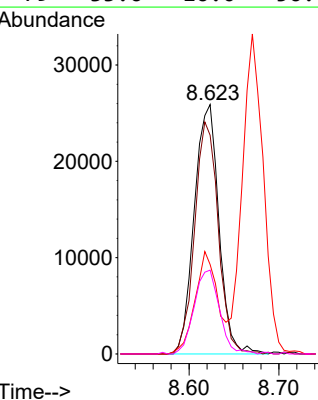
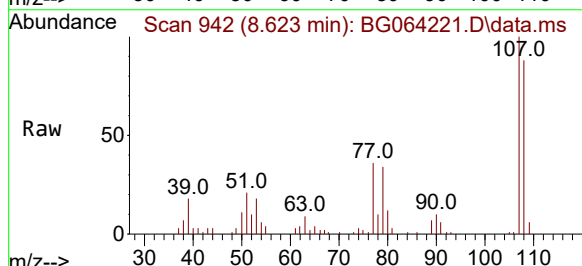
Ion Ratio Lower Upper

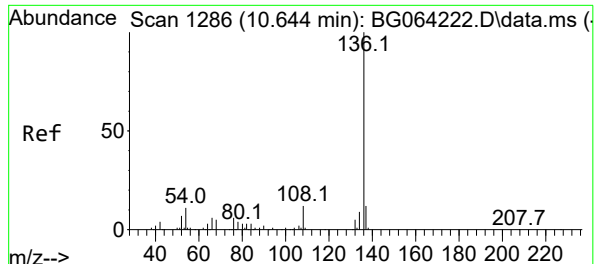
107 100

108 87.6 68.1 108.1

77 35.8 15.9 55.9

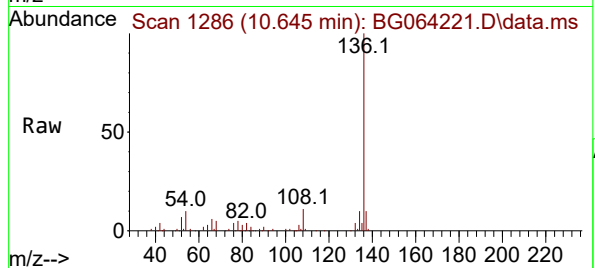
79 33.6 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1286
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

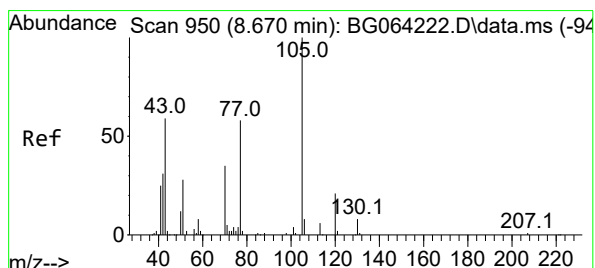
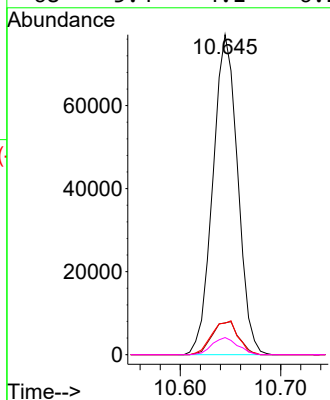
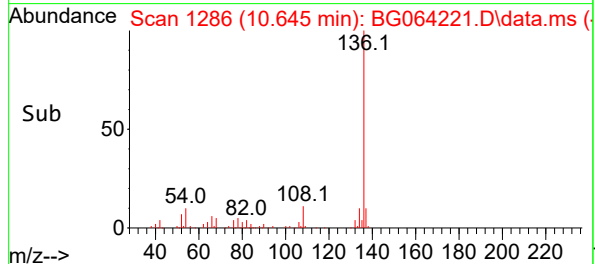
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:136 Resp: 132210
Ion Ratio Lower Upper
136 100
137 9.9 9.6 14.4
54 9.8 8.8 13.2
68 5.4 4.1 6.1

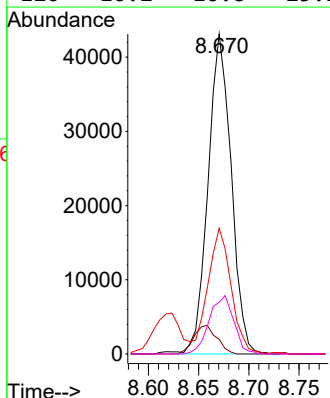
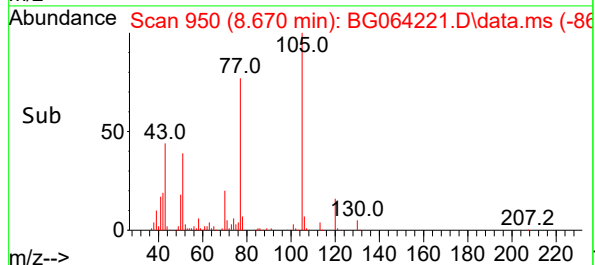
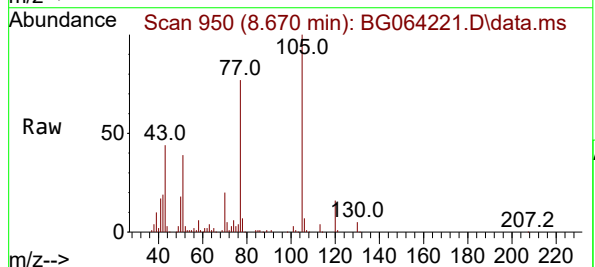
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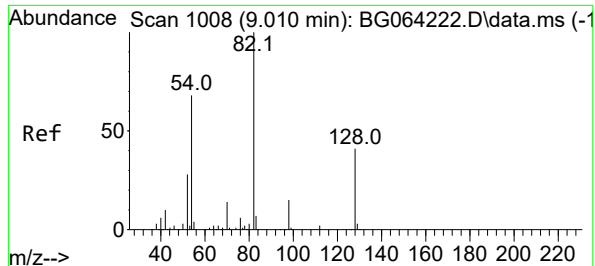
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#22
Acetophenone
Concen: 20.637 ng
RT: 8.670 min Scan# 950
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:105 Resp: 69031
Ion Ratio Lower Upper
105 100
71 4.6 4.3 6.5
51 39.3 32.4 48.6
120 16.2 16.8 25.2#





#23

Nitrobenzene-d5

Concen: 41.282 ng

RT: 9.005 min Scan# 1007

Delta R.T. -0.011 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 97869

Ion Ratio Lower Upper

82 100

128 39.4 32.6 48.8

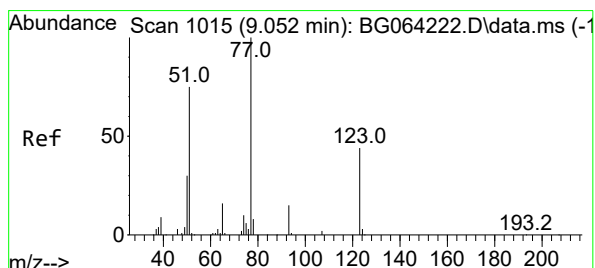
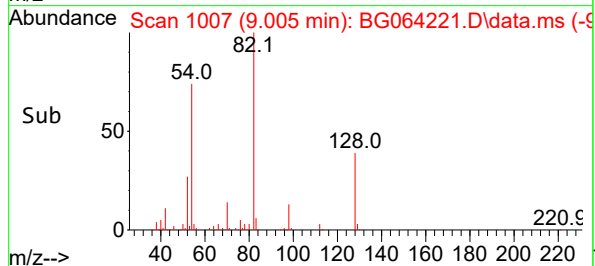
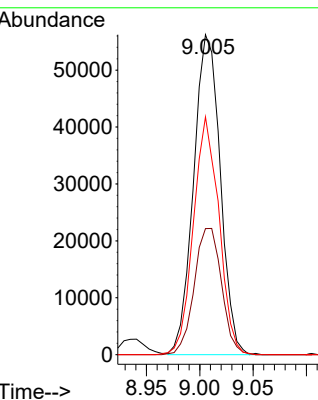
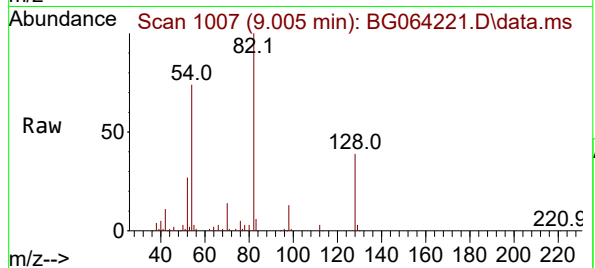
54 74.3 54.7 82.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#24

Nitrobenzene

Concen: 21.022 ng

RT: 9.052 min Scan# 1015

Delta R.T. -0.005 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

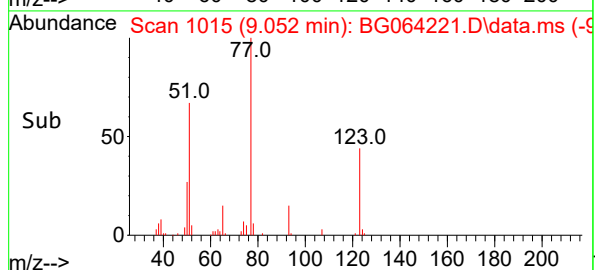
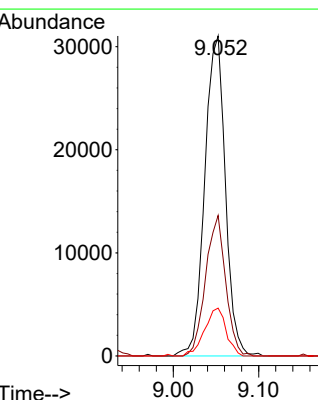
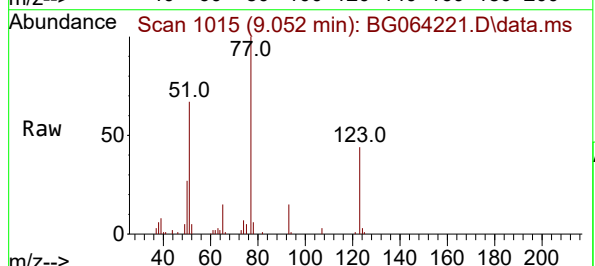
Tgt Ion: 77 Resp: 52070

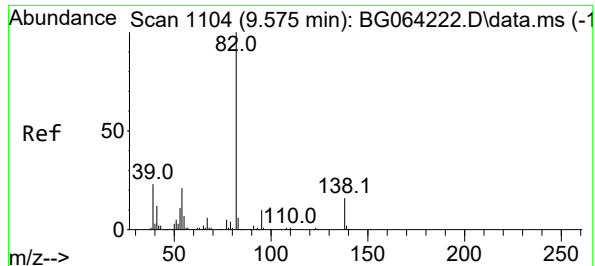
Ion Ratio Lower Upper

77 100

123 43.9 35.2 52.8

65 15.0 12.6 19.0





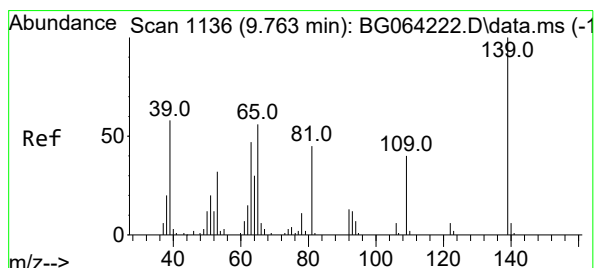
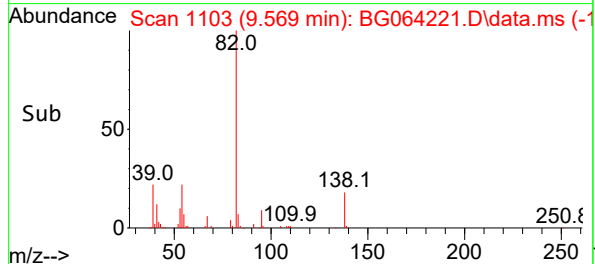
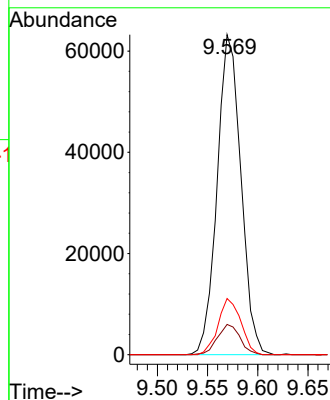
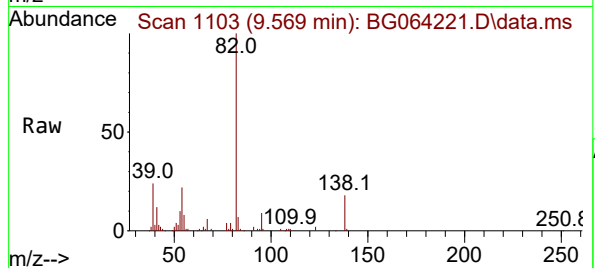
#25
Isophorone
Concen: 21.118 ng
RT: 9.569 min Scan# 1104
Delta R.T. -0.017 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 104049
Ion Ratio Lower Upper
82 100
95 9.4 7.9 11.9
138 17.5 13.0 19.4

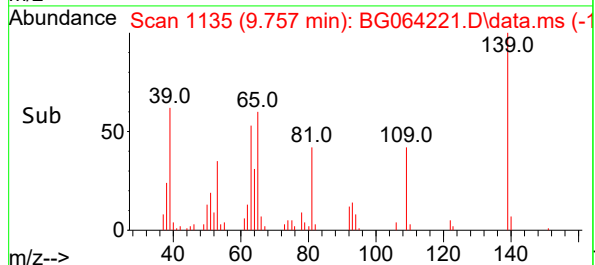
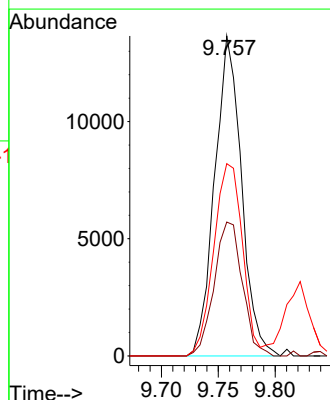
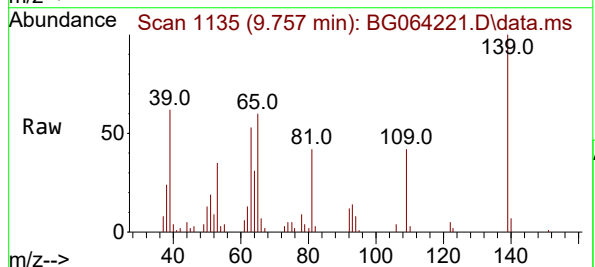
Manual Integrations
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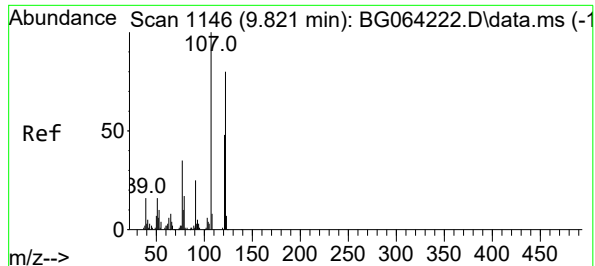
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#26
2-Nitrophenol
Concen: 20.893 ng
RT: 9.757 min Scan# 1135
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:139 Resp: 22361
Ion Ratio Lower Upper
139 100
109 41.8 32.4 48.6
65 60.1 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 21.097 ng

RT: 9.822 min Scan# 1146

Delta R.T. -0.005 min

Lab File: BG064221.D

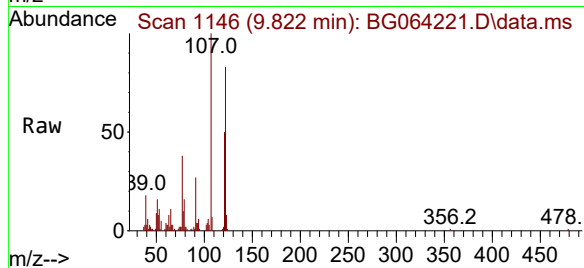
Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



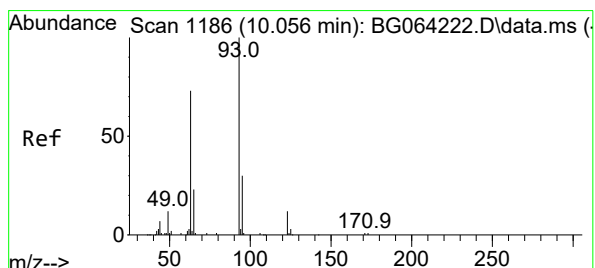
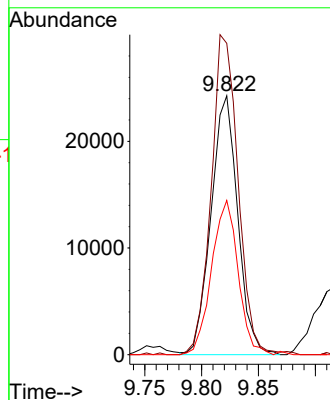
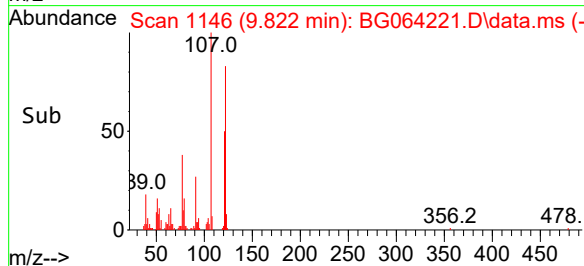
Tgt Ion:	122	Resp:	3964
Ion	Ratio	Lower	Upper
122	100		
107	120.2	99.9	149.9
121	59.6	48.6	72.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#28

bis(2-Chloroethoxy)methane

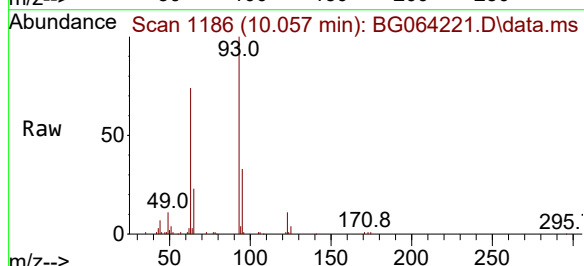
Concen: 20.758 ng

RT: 10.057 min Scan# 1186

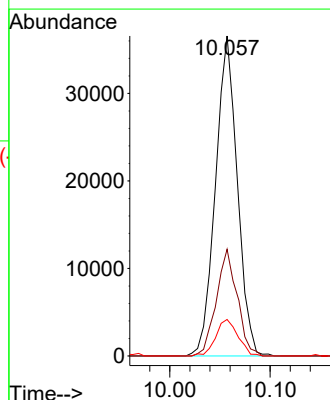
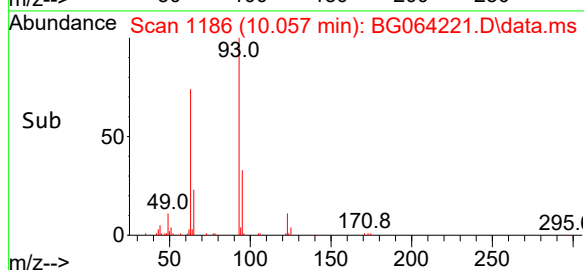
Delta R.T. -0.005 min

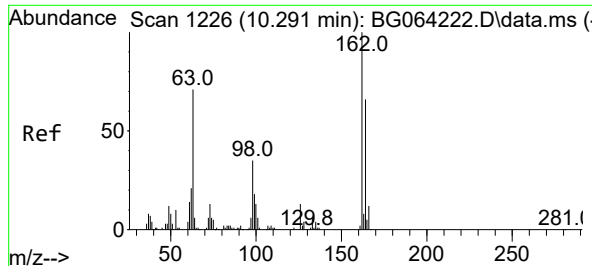
Lab File: BG064221.D

Acq: 28 Aug 2025 12:53



Tgt Ion:	93	Resp:	55148
Ion	Ratio	Lower	Upper
93	100		
95	33.3	23.9	35.9
123	11.4	9.6	14.4





#29

2,4-Dichlorophenol

Concen: 21.248 ng

RT: 10.292 min Scan# 1226

Delta R.T. -0.005 min

Lab File: BG064221.D

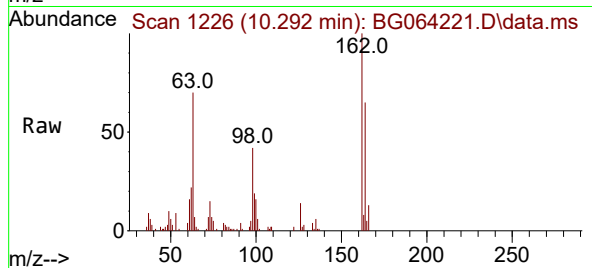
Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



Tgt Ion:162 Resp: 42128

Ion Ratio Lower Upper

162 100

164 65.4 45.8 85.8

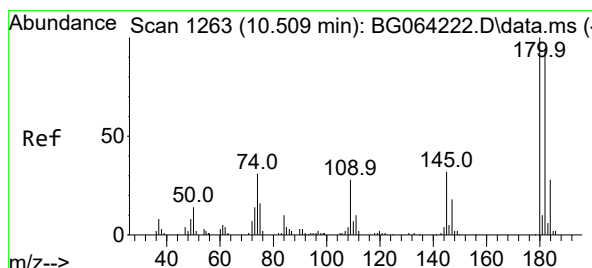
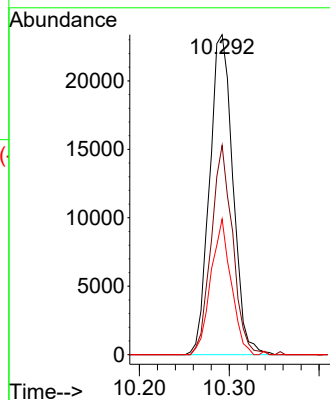
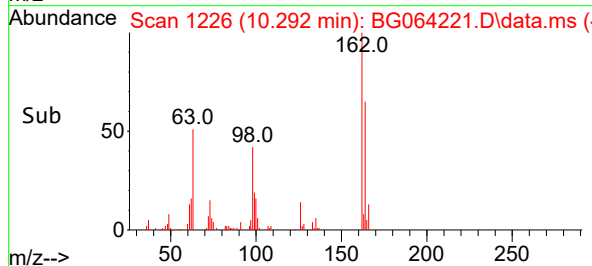
98 42.4 15.2 55.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#30

1,2,4-Trichlorobenzene

Concen: 20.681 ng

RT: 10.509 min Scan# 1263

Delta R.T. 0.001 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

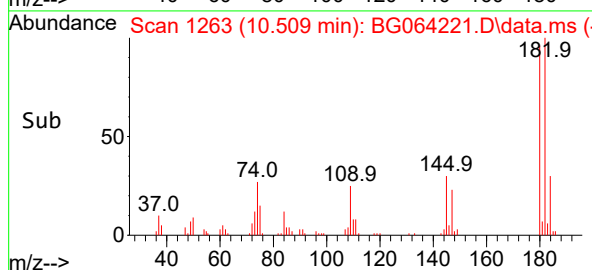
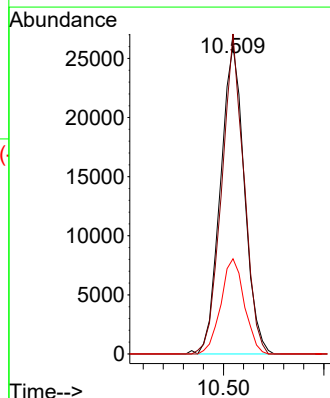
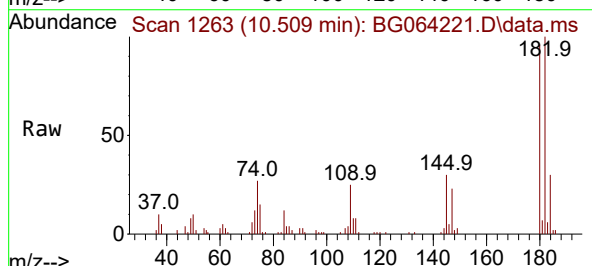
Tgt Ion:180 Resp: 43234

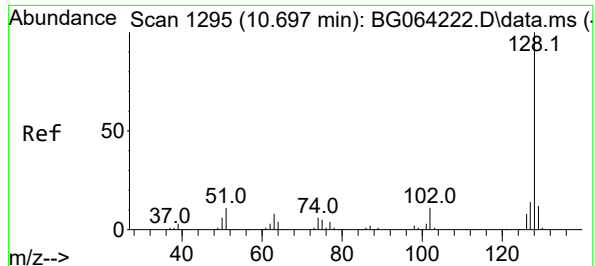
Ion Ratio Lower Upper

180 100

182 103.8 75.0 112.6

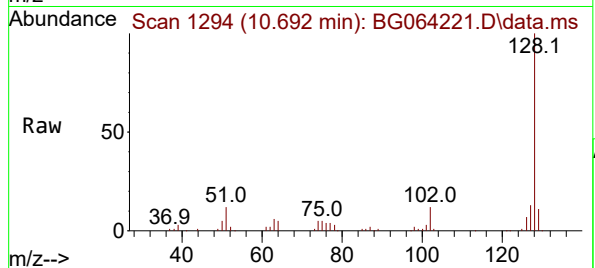
145 30.9 25.4 38.0





#31
Naphthalene
Concen: 20.772 ng
RT: 10.692 min Scan# 1164
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

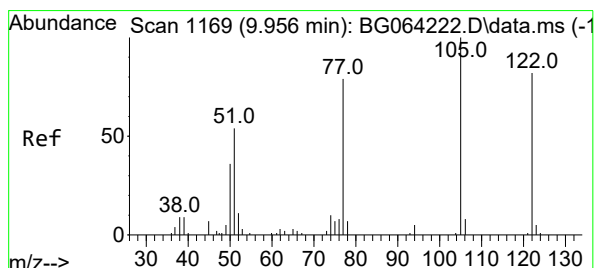
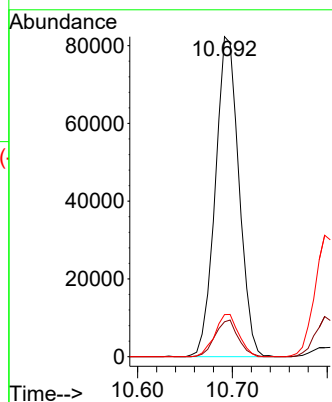
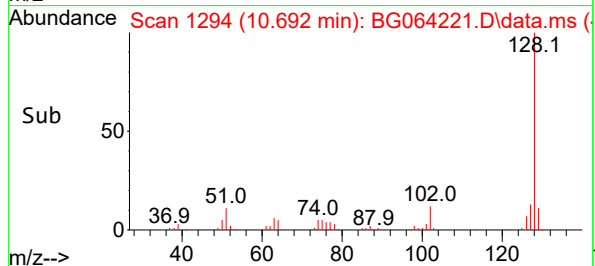
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 142418
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 13.1 10.9 16.3

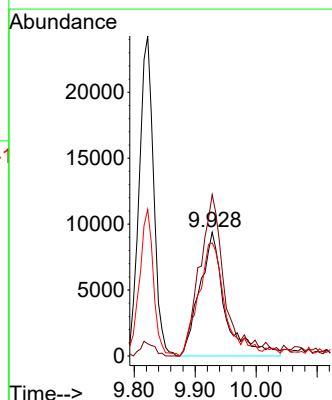
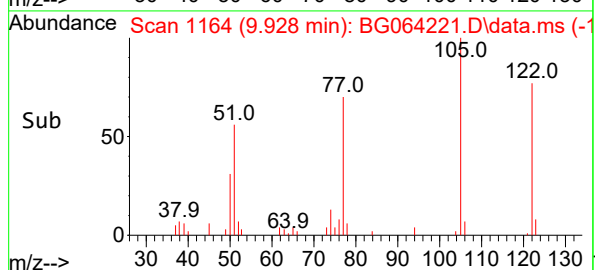
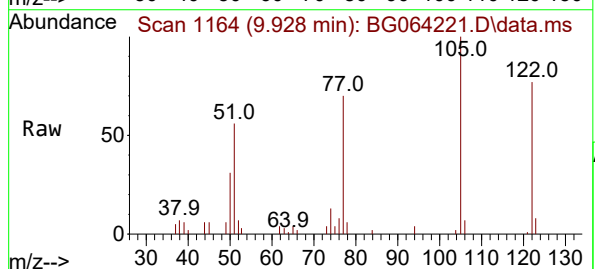
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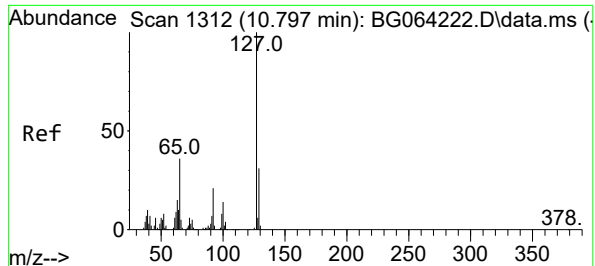
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#32
Benzoic acid
Concen: 18.237 ng
RT: 9.928 min Scan# 1164
Delta R.T. -0.088 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:122 Resp: 27202
Ion Ratio Lower Upper
122 100
105 130.4 98.5 138.5
77 91.2 74.6 114.6





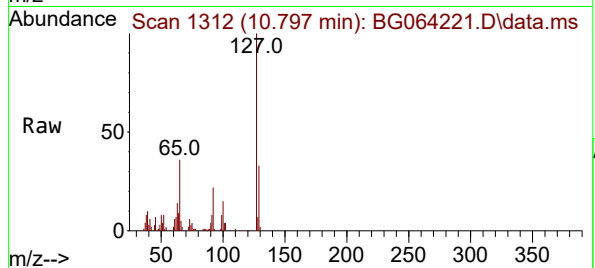
#33
4-Chloroaniline
Concen: 20.588 ng
RT: 10.797 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

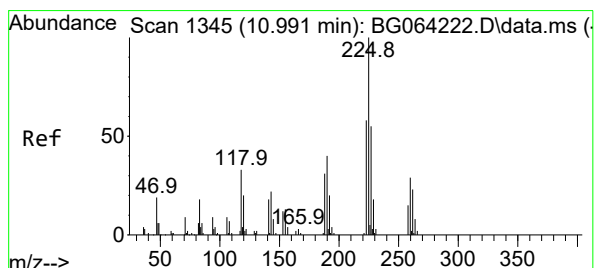
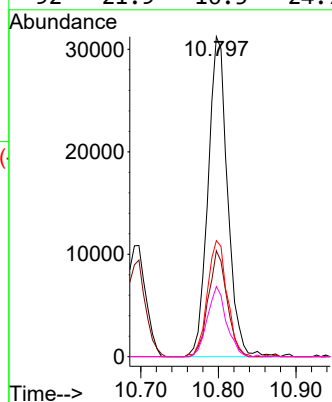
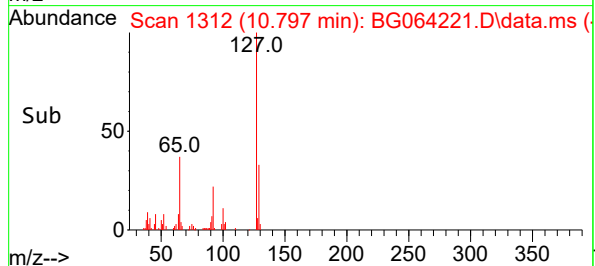


Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.0	37.4
65	36.3	28.7	43.1
92	21.9	16.5	24.7

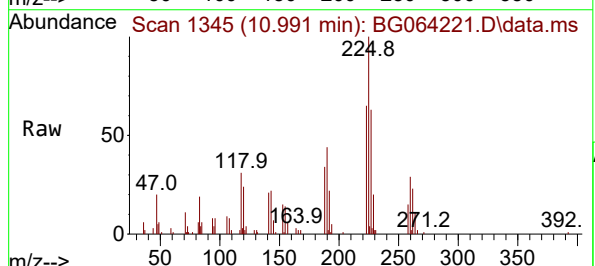
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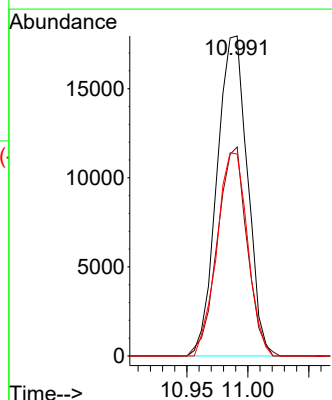
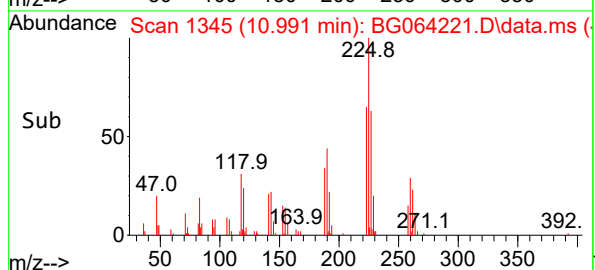
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

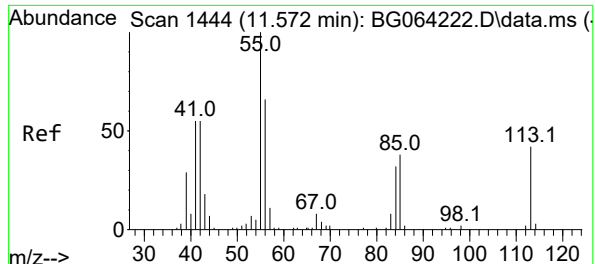


#34
Hexachlorobutadiene
Concen: 20.163 ng
RT: 10.991 min Scan# 1345
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53



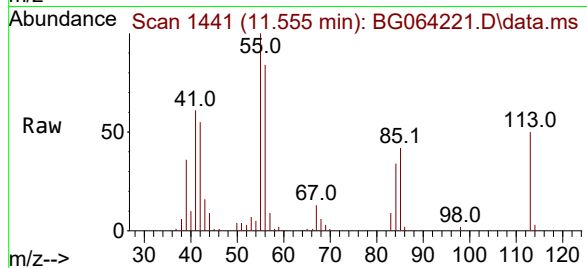
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	46.5	69.7
227	63.2	44.1	66.1





#35
Caprolactam
Concen: 22.239 ng
RT: 11.555 min Scan# 1441
Delta R.T. -0.047 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

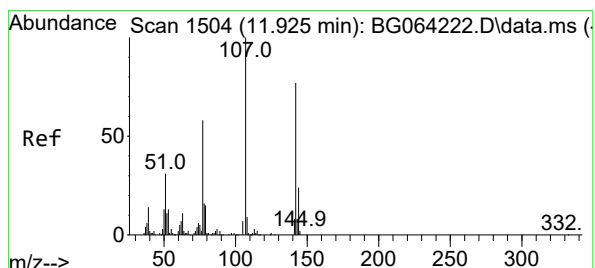
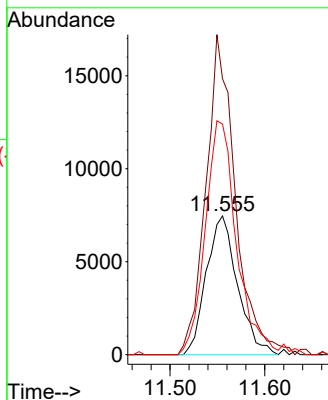
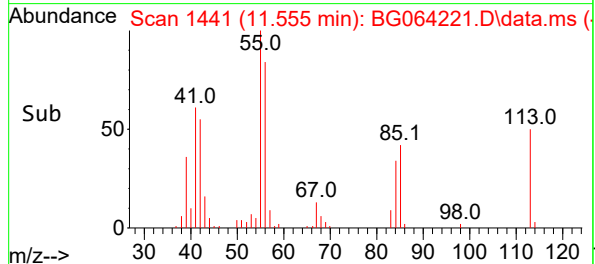
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:113 Resp: 1707
Ion Ratio Lower Upper
113 100
55 198.9 218.5 258.5
56 166.3 138.5 178.5

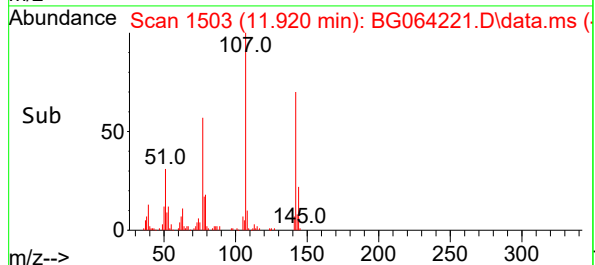
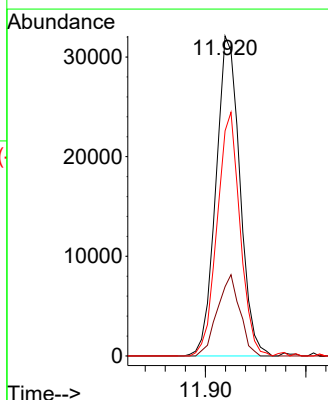
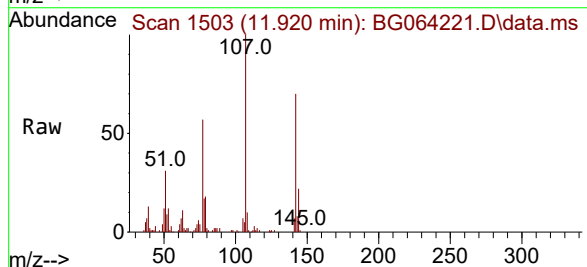
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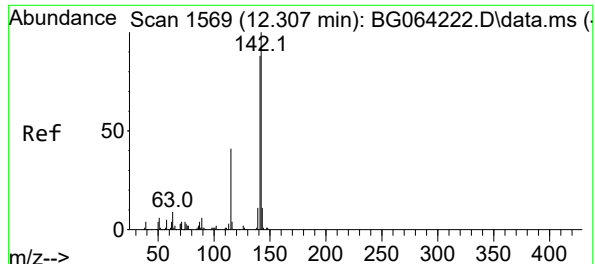
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#36
4-Chloro-3-methylphenol
Concen: 20.657 ng
RT: 11.920 min Scan# 1503
Delta R.T. -0.011 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

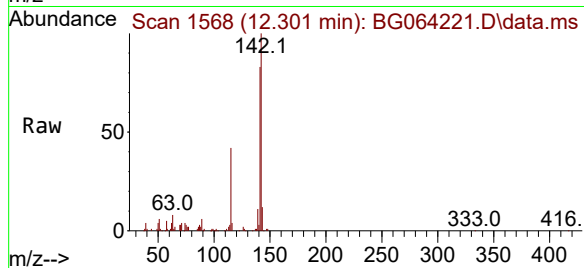
Tgt Ion:107 Resp: 53139
Ion Ratio Lower Upper
107 100
144 21.7 19.5 29.3
142 70.4 62.0 93.0





#37
2-Methylnaphthalene
Concen: 21.550 ng
RT: 12.301 min Scan# 1568
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

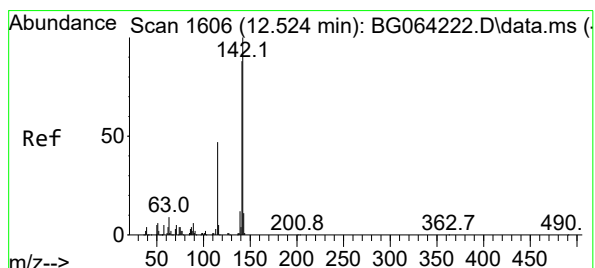
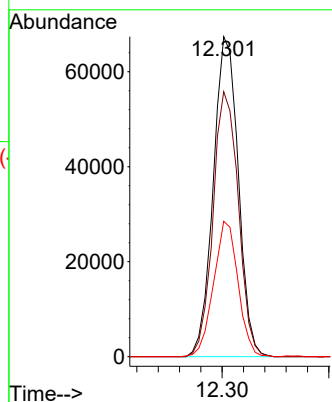
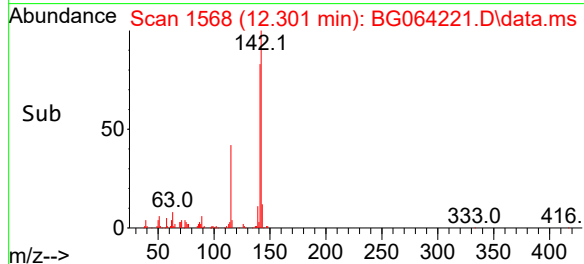
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:142 Resp: 10982
Ion Ratio Lower Upper
142 100
141 82.8 70.1 105.1
115 42.3 33.1 49.7

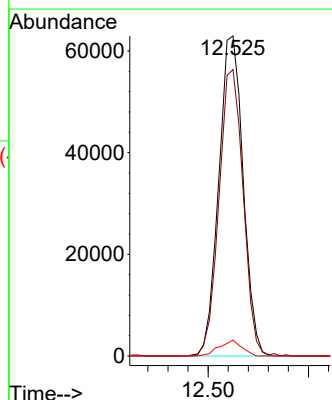
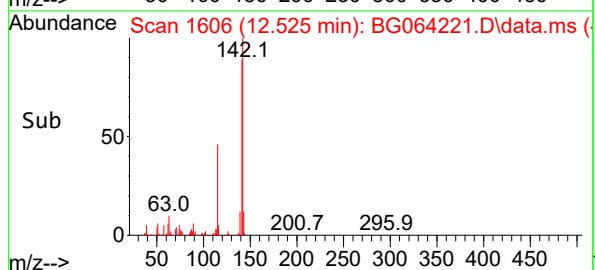
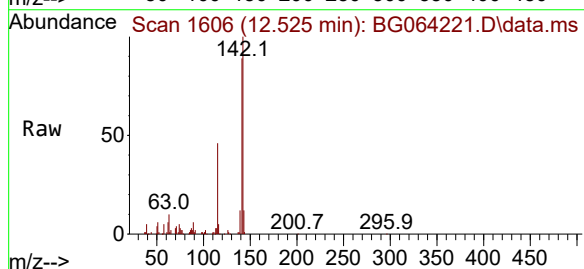
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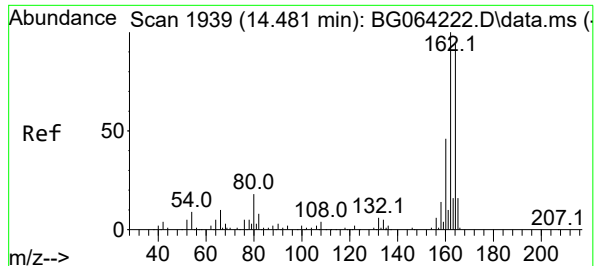
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#38
1-Methylnaphthalene
Concen: 21.031 ng
RT: 12.525 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:142 Resp: 105864
Ion Ratio Lower Upper
142 100
141 89.5 70.3 105.5
116 4.9 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.481 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BG064221.D

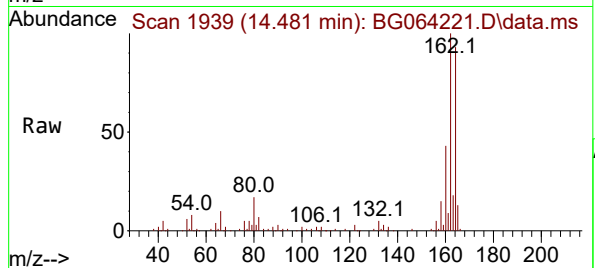
Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



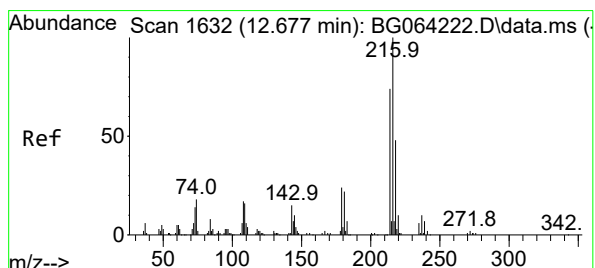
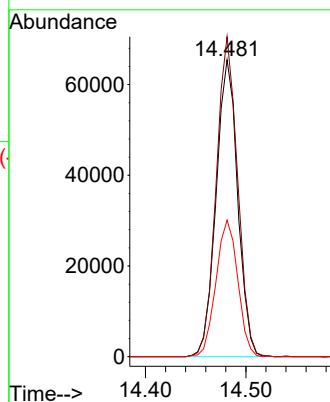
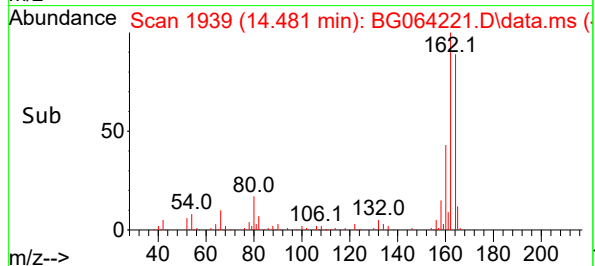
Tgt Ion:	164	Resp:	97594
Ion	Ratio	Lower	Upper
164	100		
162	107.8	85.4	128.0
160	46.0	39.2	58.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#40

1,2,4,5-Tetrachlorobenzene

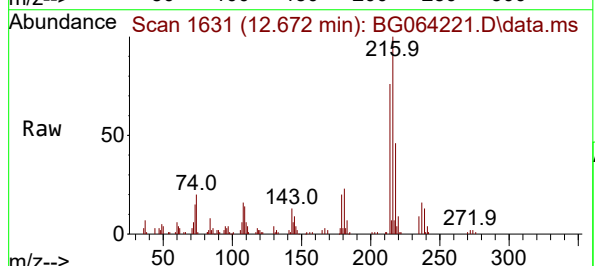
Concen: 20.687 ng

RT: 12.672 min Scan# 1631

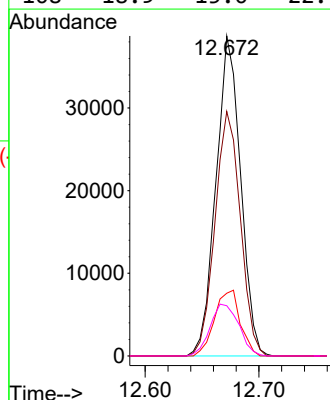
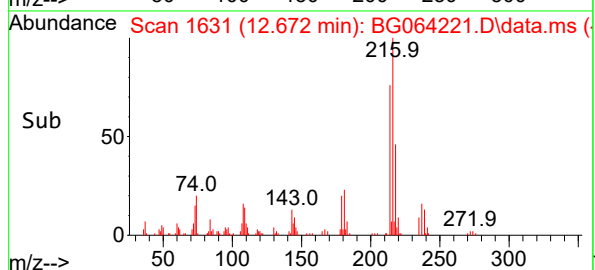
Delta R.T. -0.005 min

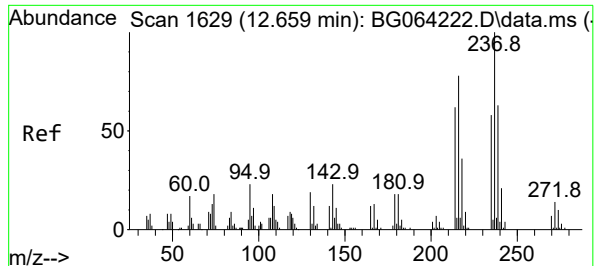
Lab File: BG064221.D

Acq: 28 Aug 2025 12:53



Tgt Ion:	216	Resp:	58253
Ion	Ratio	Lower	Upper
216	100		
214	78.5	61.9	92.9
179	21.4	17.9	26.9
108	18.9	15.0	22.4





#41

Hexachlorocyclopentadiene

Concen: 18.680 ng

RT: 12.660 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

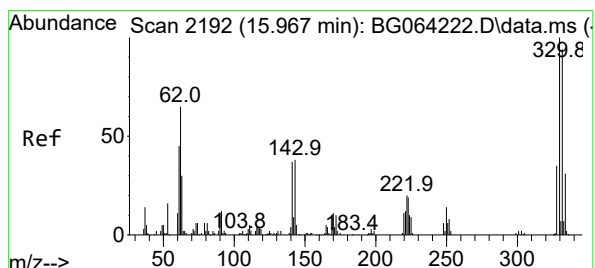
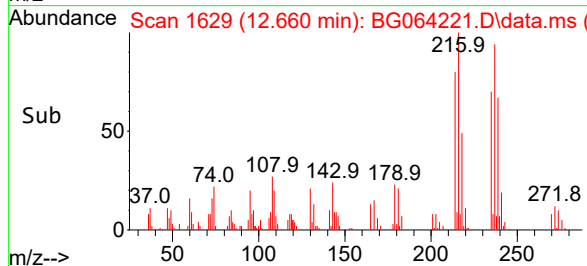
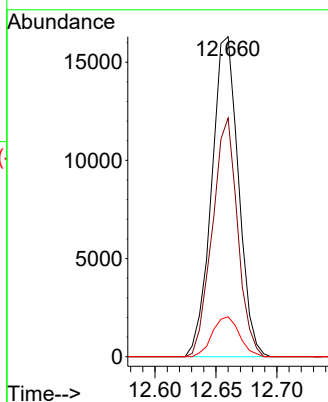
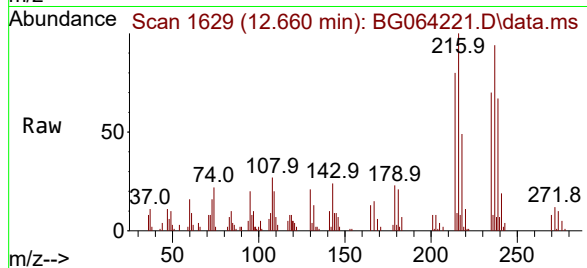
SSTDICC020

Tgt Ion:237 Resp: 24999
Ion Ratio Lower Upper
237 100
235 74.5 37.9 77.9
272 12.5 0.0 33.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#42

2,4,6-Tribromophenol

Concen: 40.942 ng

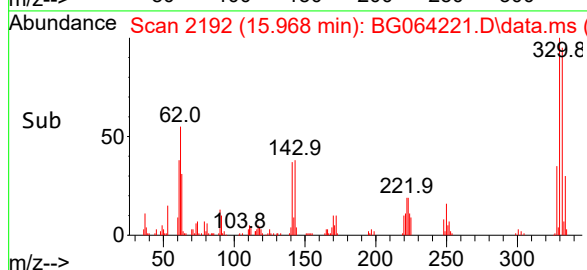
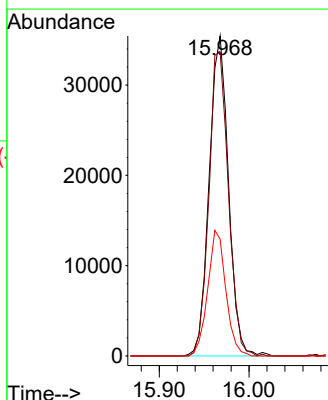
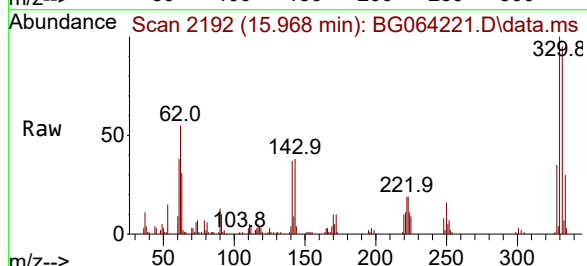
RT: 15.968 min Scan# 2192

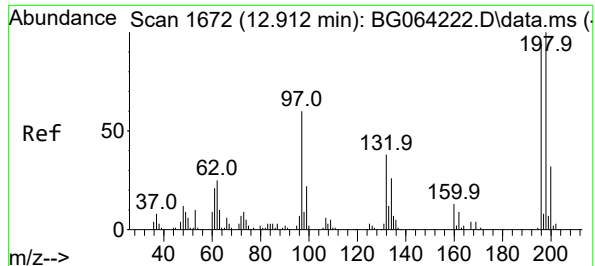
Delta R.T. -0.005 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

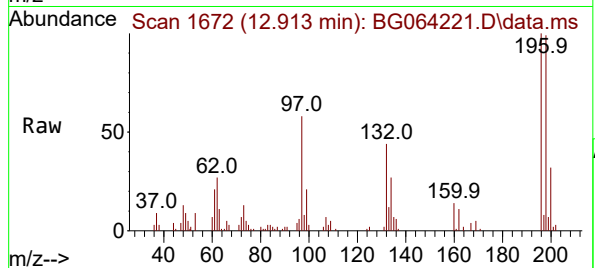
Tgt Ion:330 Resp: 52925
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 36.9 29.8 44.6





#43
2,4,6-Trichlorophenol
Concen: 20.765 ng
RT: 12.913 min Scan# 1672
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

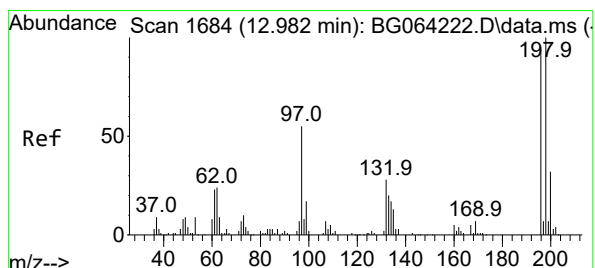
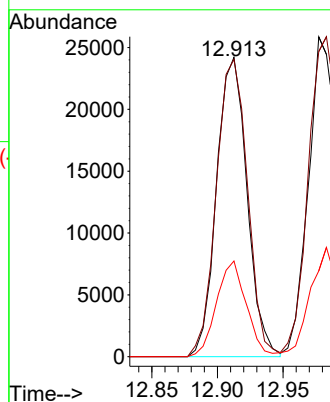
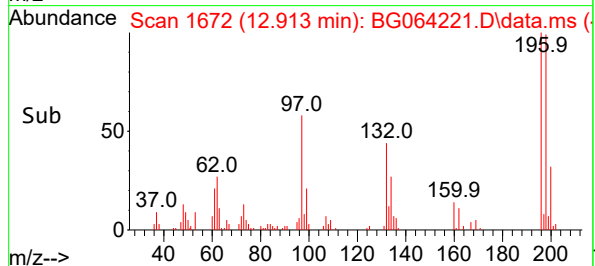
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:196 Resp: 3908
Ion Ratio Lower Upper
196 100
198 99.3 85.4 128.2
200 31.9 27.3 40.9

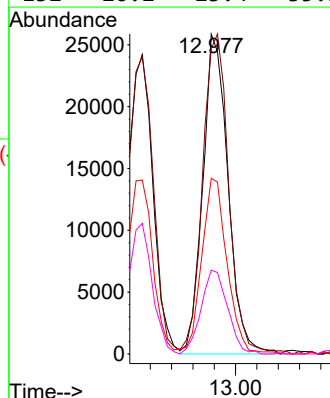
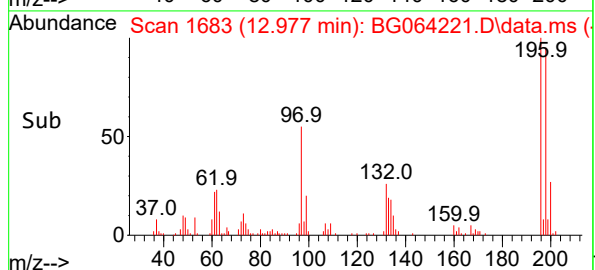
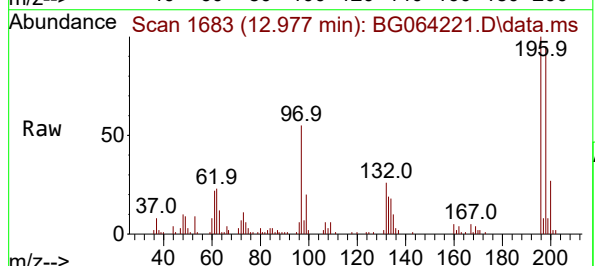
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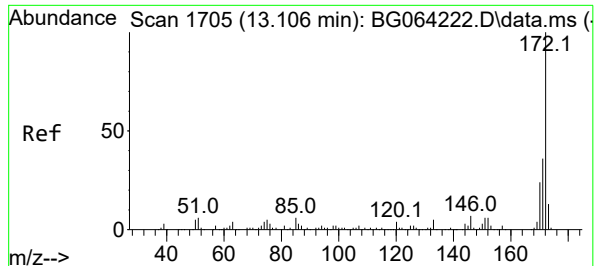
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#44
2,4,5-Trichlorophenol
Concen: 20.878 ng
RT: 12.977 min Scan# 1683
Delta R.T. -0.011 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:196 Resp: 42626
Ion Ratio Lower Upper
196 100
198 95.4 84.5 126.7
97 54.9 46.8 70.2
132 26.2 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 41.465 ng

RT: 13.106 min Scan# 1705

Delta R.T. -0.005 min

Lab File: BG064221.D

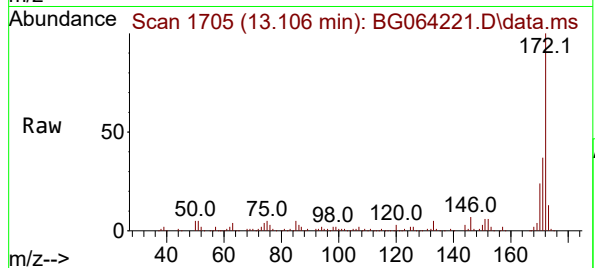
Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



Tgt Ion:172 Resp: 26512

Ion Ratio Lower Upper

172 100

171 36.5 28.7 43.1

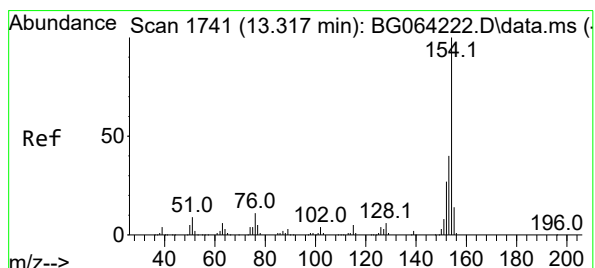
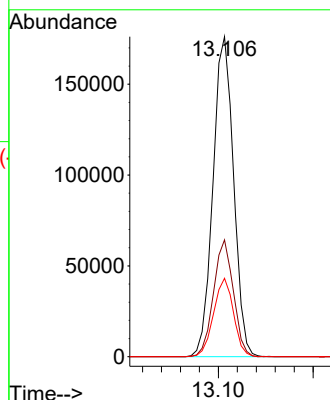
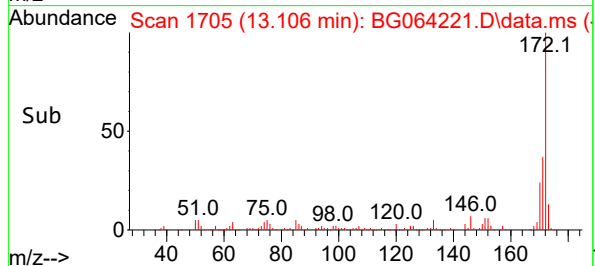
170 24.5 19.0 28.6

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#46

1,1'-Biphenyl

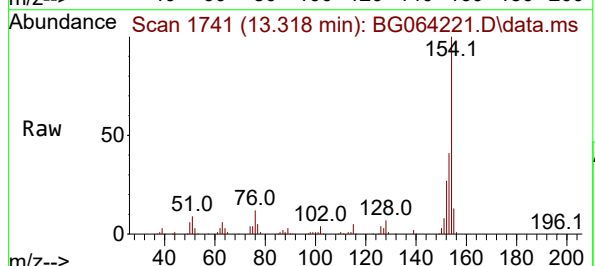
Concen: 20.425 ng

RT: 13.318 min Scan# 1741

Delta R.T. 0.000 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53



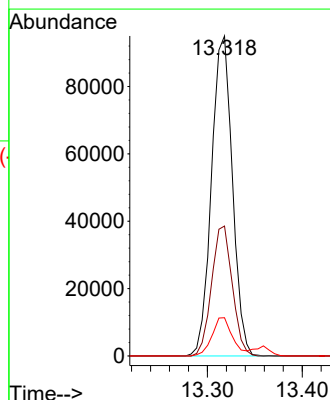
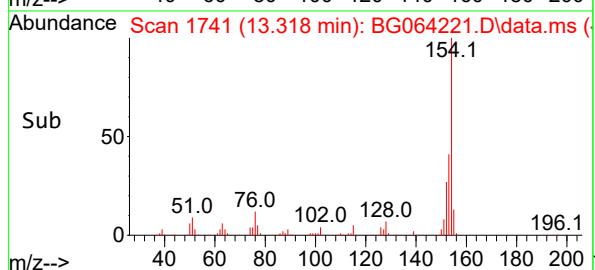
Tgt Ion:154 Resp: 145186

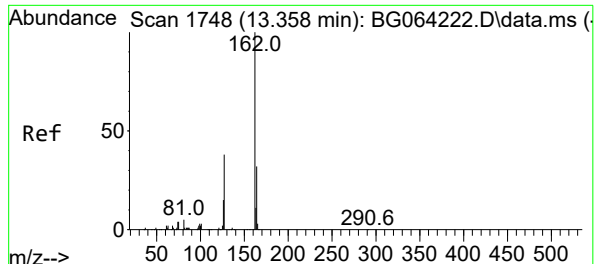
Ion Ratio Lower Upper

154 100

153 40.6 19.9 59.9

76 11.9 0.0 30.9





#47

2-Chloronaphthalene

Concen: 20.333 ng

RT: 13.353 min Scan# 1747

Delta R.T. -0.005 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 10865

Ion Ratio Lower Upper

162 100

127 45.0 33.9 50.9

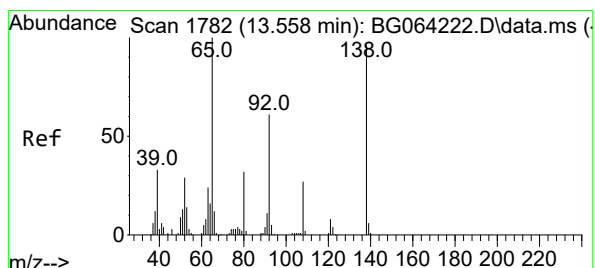
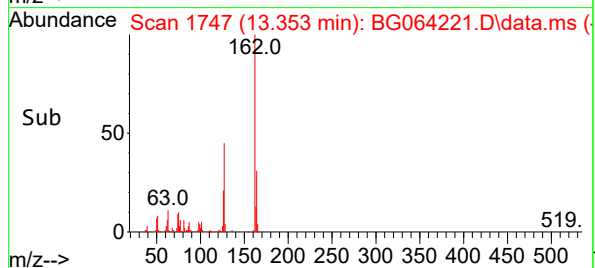
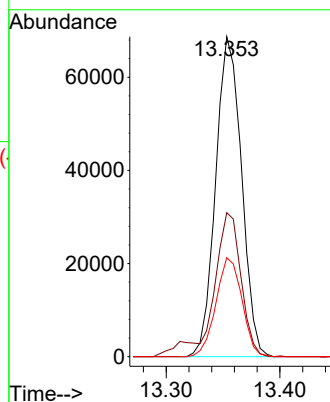
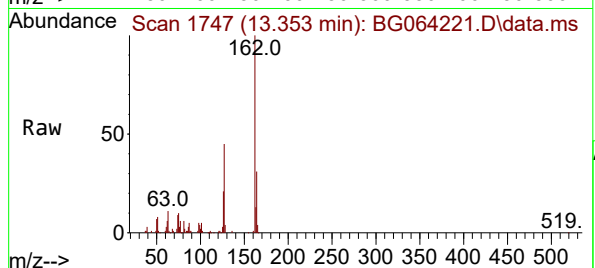
164 31.0 25.4 38.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#48

2-Nitroaniline

Concen: 19.927 ng

RT: 13.553 min Scan# 1781

Delta R.T. -0.011 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

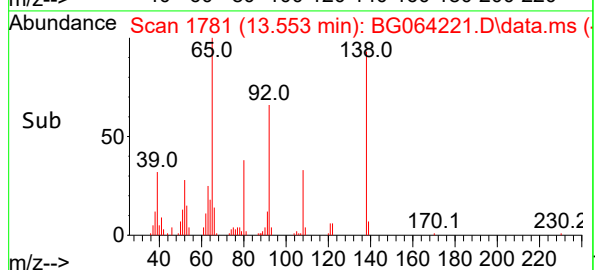
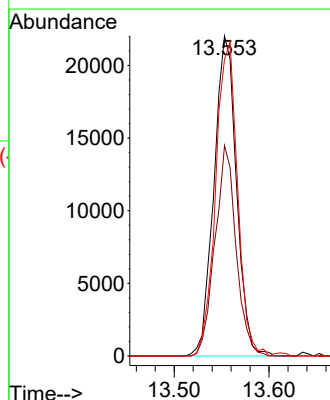
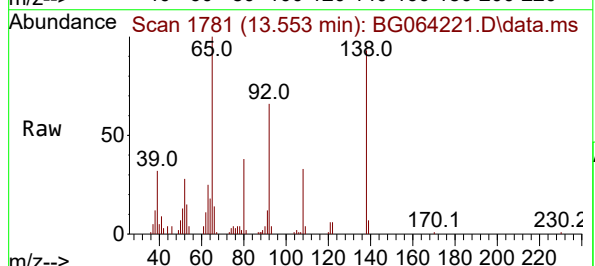
Tgt Ion: 65 Resp: 36296

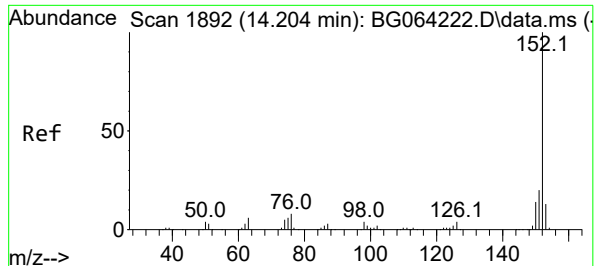
Ion Ratio Lower Upper

65 100

92 65.7 49.2 73.8

138 92.8 76.8 115.2





#49

Acenaphthylene

Concen: 20.693 ng

RT: 14.199 min Scan# 1891

Delta R.T. -0.005 min

Lab File: BG064221.D

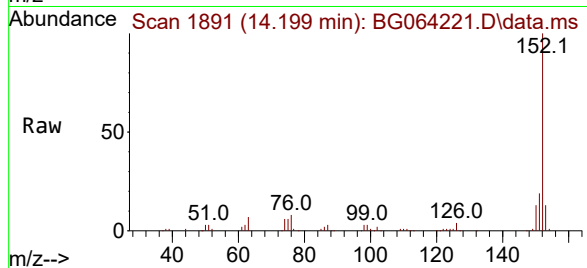
Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



Tgt Ion:152 Resp: 163464

Ion Ratio Lower Upper

152 100

151 19.1 16.2 24.2

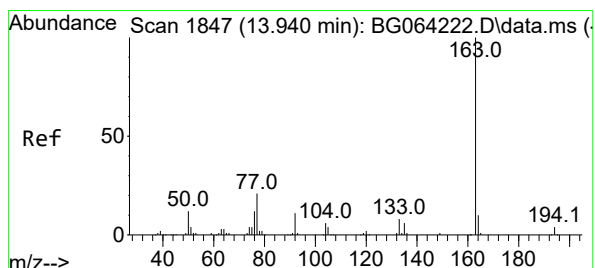
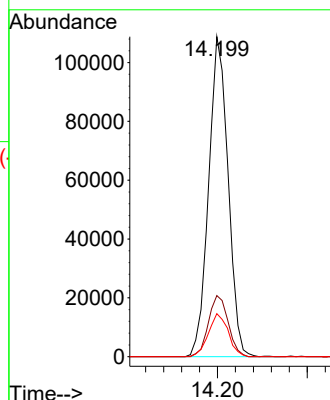
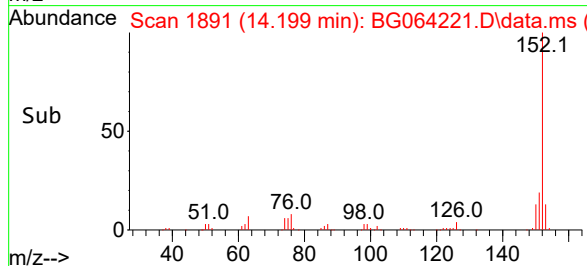
153 13.5 10.1 15.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#50

Dimethylphthalate

Concen: 20.731 ng

RT: 13.935 min Scan# 1846

Delta R.T. -0.011 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

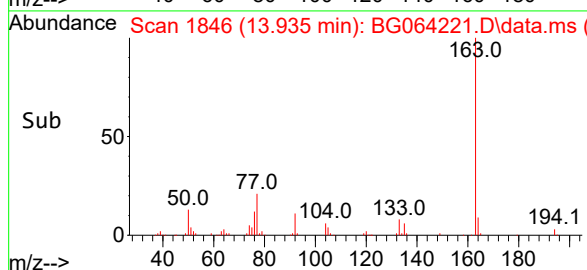
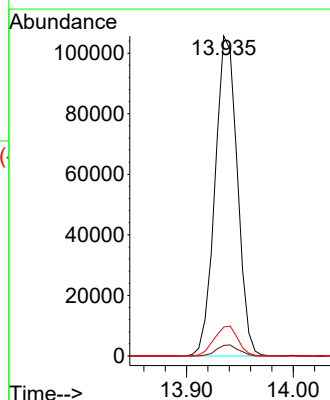
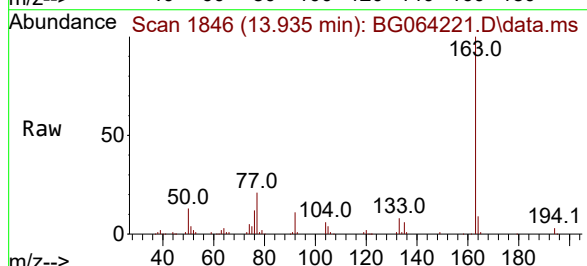
Tgt Ion:163 Resp: 153139

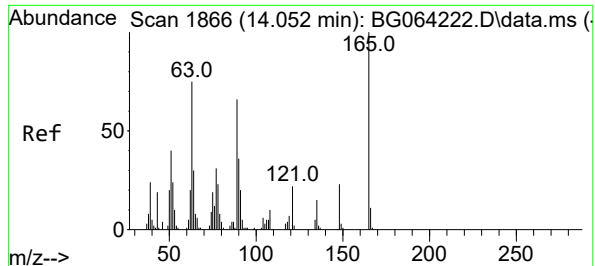
Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

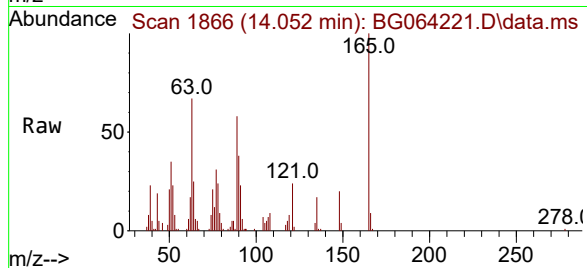
164 9.0 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 20.547 ng
RT: 14.052 min Scan# 1866
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

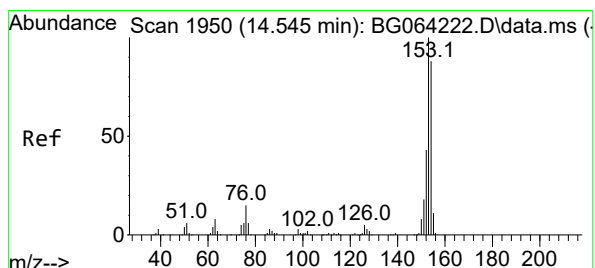
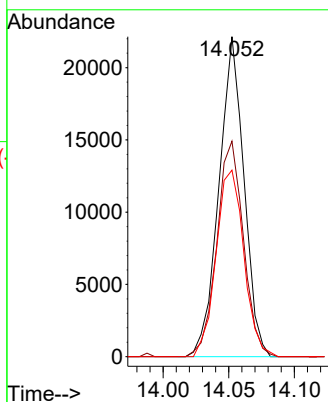
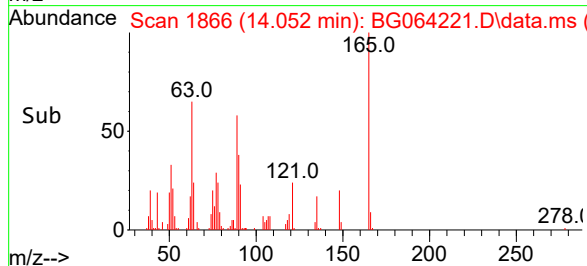
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 29384
Ion Ratio Lower Upper
165 100
63 67.4 60.3 90.5
89 58.3 52.9 79.3

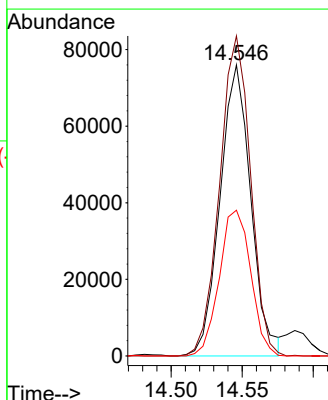
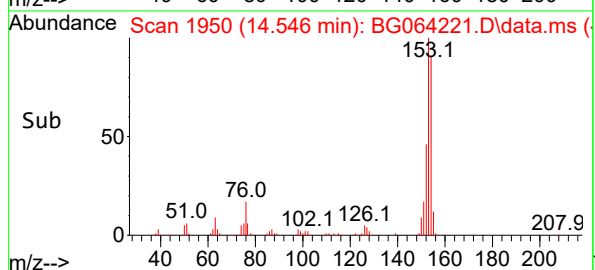
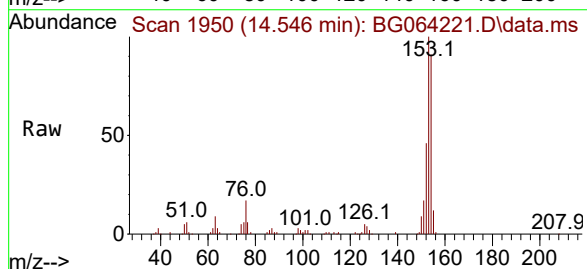
Manual Integrations
APPROVED

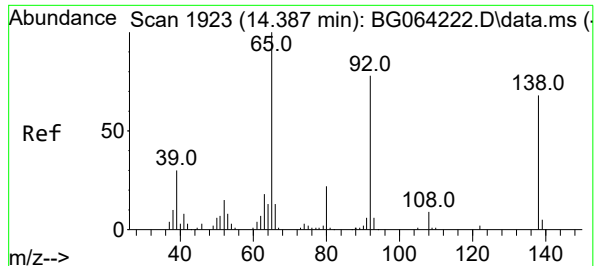
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#52
Acenaphthene
Concen: 20.562 ng
RT: 14.546 min Scan# 1950
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

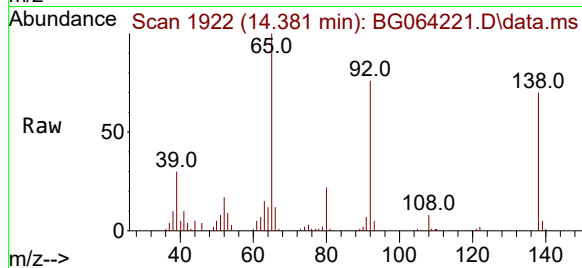
Tgt Ion:154 Resp: 114630
Ion Ratio Lower Upper
154 100
153 109.9 91.1 136.7
152 50.1 39.6 59.4





#53
3-Nitroaniline
Concen: 20.559 ng
RT: 14.381 min Scan# 1922
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

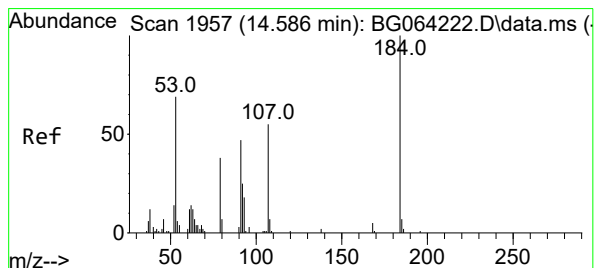
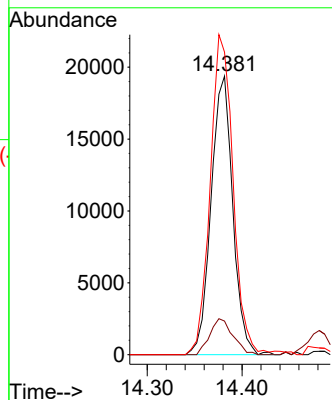
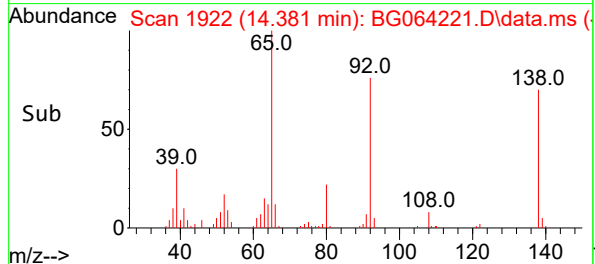
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 30798
Ion Ratio Lower Upper
138 100
108 13.6 11.0 16.6
92 108.7 91.4 137.0

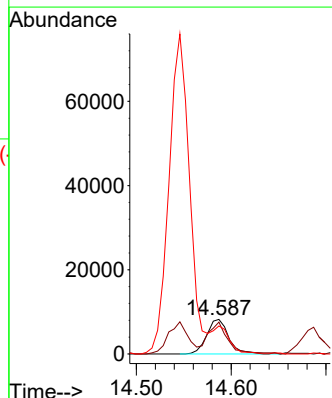
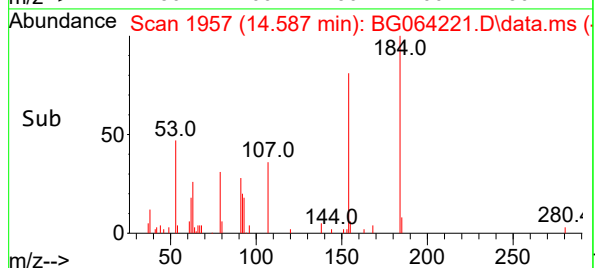
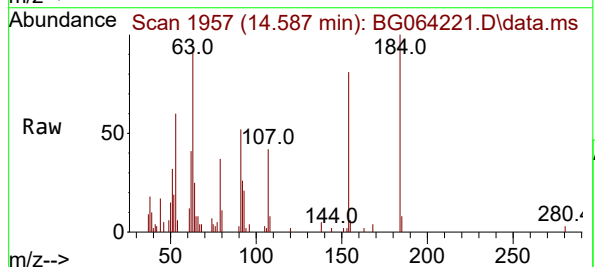
Manual Integrations
APPROVED

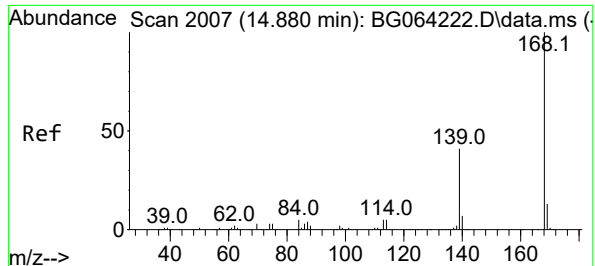
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#54
2,4-Dinitrophenol
Concen: 18.989 ng
RT: 14.587 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:184 Resp: 13409
Ion Ratio Lower Upper
184 100
63 92.4 60.1 90.1#
154 81.0 59.8 89.8





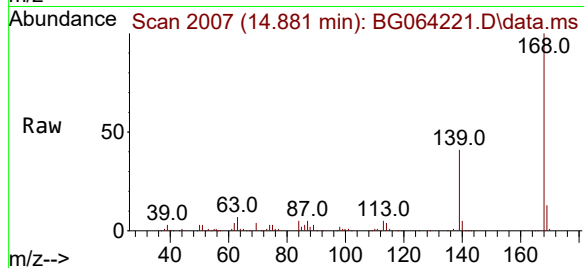
#55
Dibenzenofuran
Concen: 20.478 ng
RT: 14.881 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

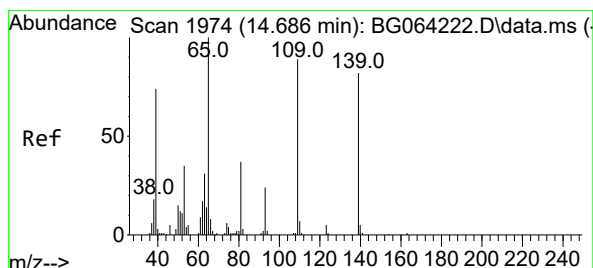
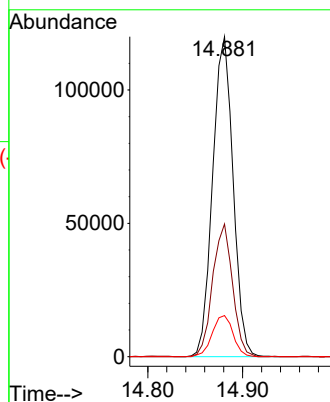
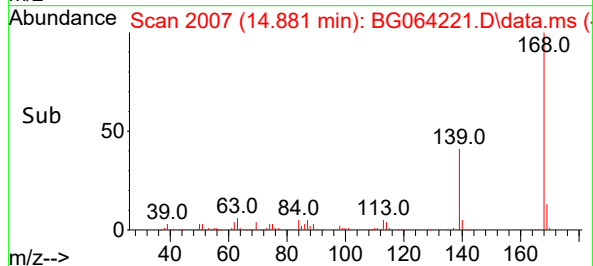


Tgt Ion:168 Resp: 17956
Ion Ratio Lower Upper
168 100
139 41.5 33.2 49.8
169 12.8 10.4 15.6

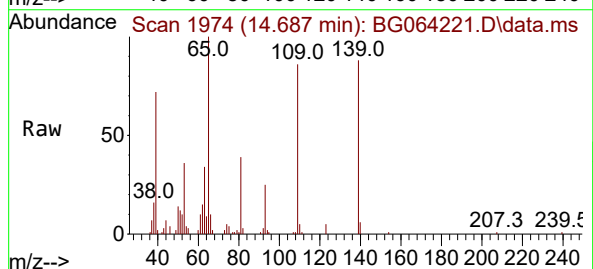
Manual Integrations

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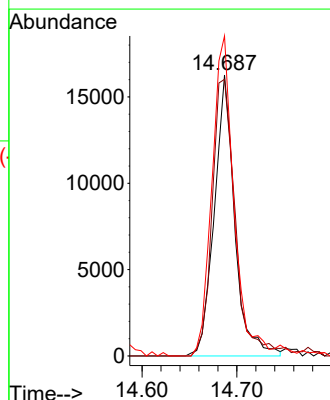
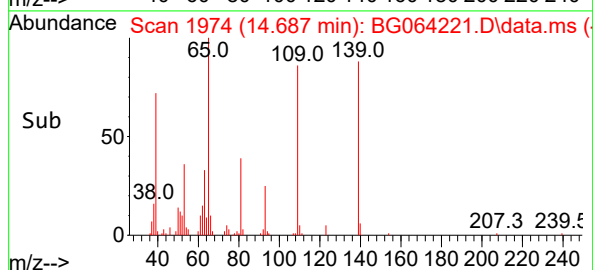
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

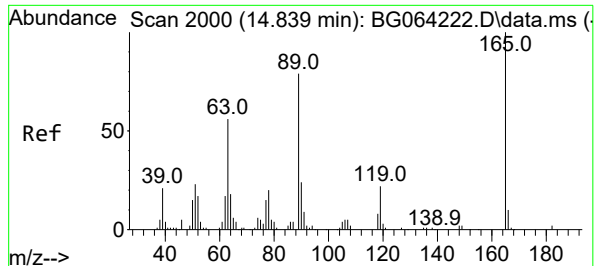


#56
4-Nitrophenol
Concen: 19.853 ng
RT: 14.687 min Scan# 1974
Delta R.T. -0.011 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53



Tgt Ion:139 Resp: 24395
Ion Ratio Lower Upper
139 100
109 98.5 89.1 129.1
65 113.9 102.9 142.9





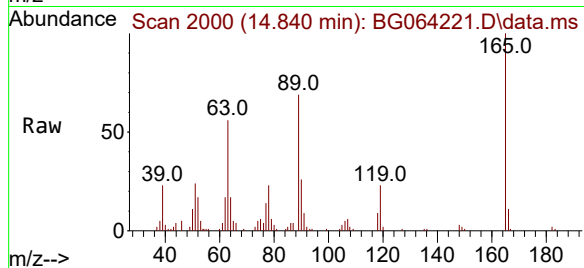
#57
2,4-Dinitrotoluene
Concen: 20.850 ng
RT: 14.840 min Scan# 2000
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

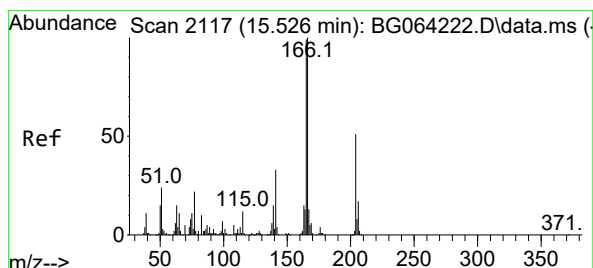
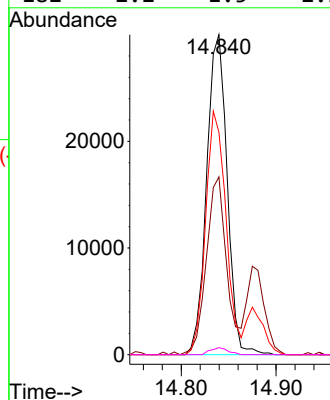
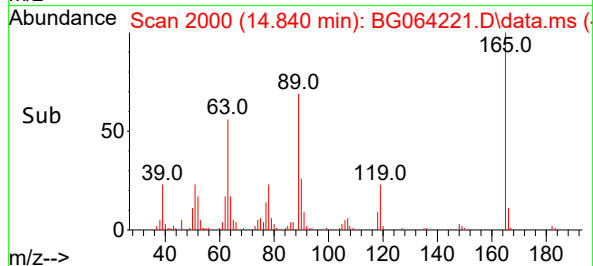


Tgt Ion:165 Resp: 45085
Ion Ratio Lower Upper
165 100
63 55.6 44.6 67.0
89 69.5 63.0 94.4
182 2.2 1.5 2.3

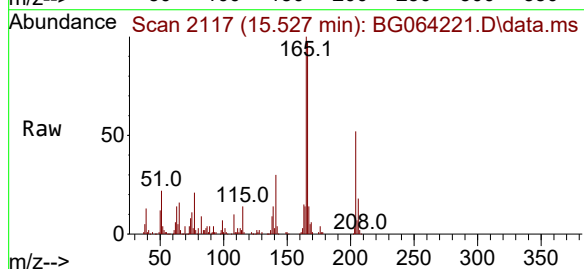
Manual Integrations

APPROVED

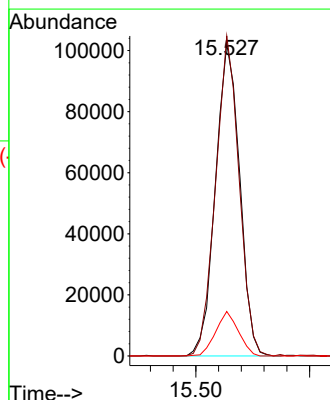
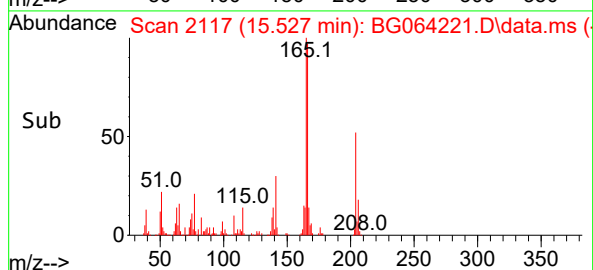
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

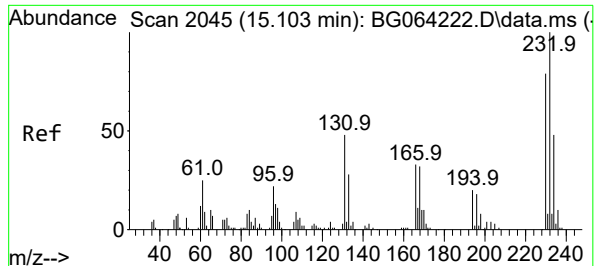


#58
Fluorene
Concen: 21.037 ng
RT: 15.527 min Scan# 2117
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53



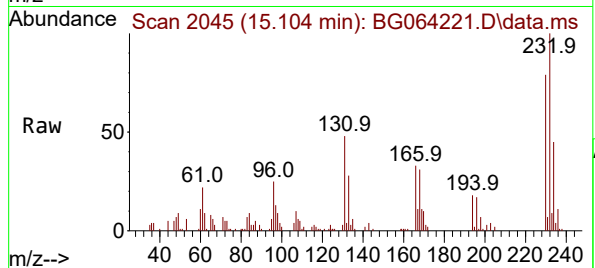
Tgt Ion:166 Resp: 151193
Ion Ratio Lower Upper
166 100
165 102.6 79.1 118.7
167 14.3 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.831 ng
RT: 15.104 min Scan# 2045
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

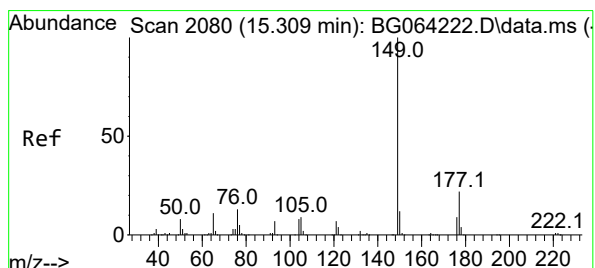
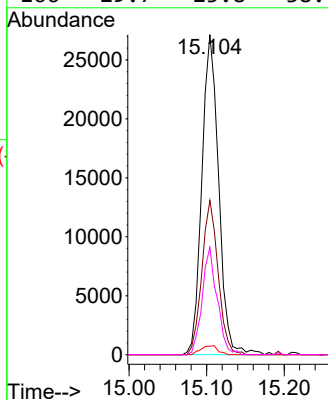
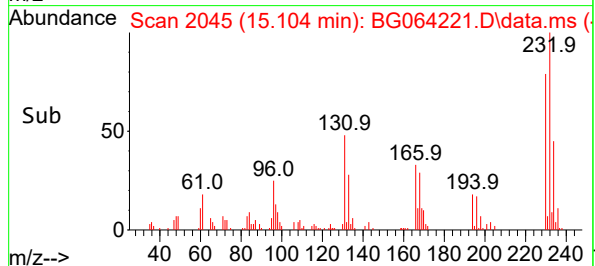
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



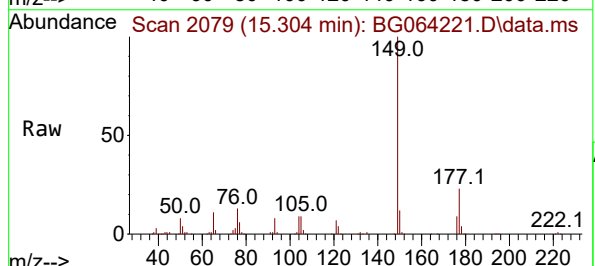
Tgt Ion:232 Resp: 4090
Ion Ratio Lower Upper
232 100
131 46.6 37.1 55.7
130 2.8 2.6 3.8
166 29.7 25.8 38.6

Manual Integrations
APPROVED

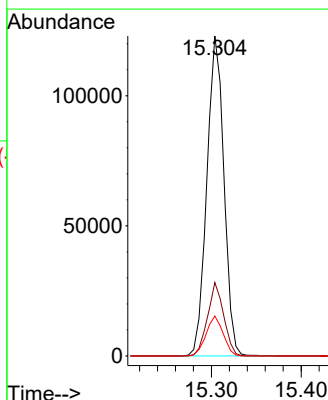
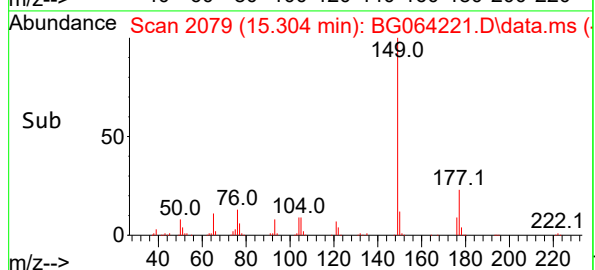
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

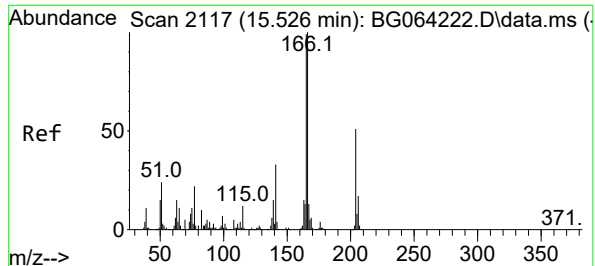


#60
Diethylphthalate
Concen: 20.550 ng
RT: 15.304 min Scan# 2079
Delta R.T. -0.011 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53



Tgt Ion:149 Resp: 162465
Ion Ratio Lower Upper
149 100
177 22.9 17.5 26.3
150 12.5 9.9 14.9





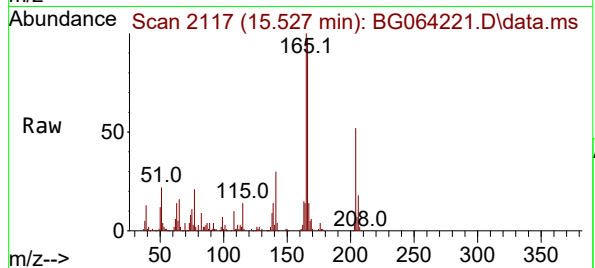
#61
4-Chlorophenyl-phenylether
Concen: 20.660 ng
RT: 15.527 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

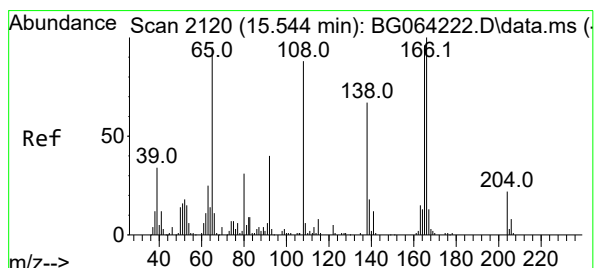
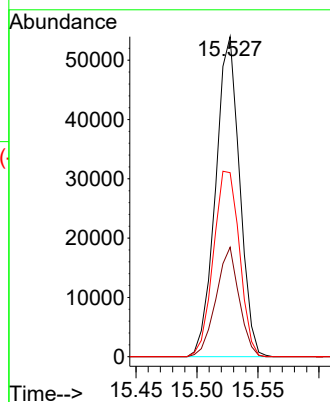
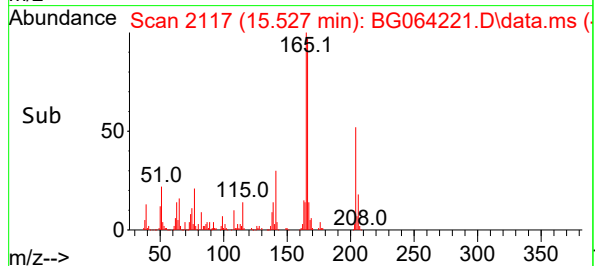


Tgt Ion:204 Resp: 7403
Ion Ratio Lower Upper
204 100
206 34.2 26.2 39.4
141 57.5 51.9 77.9

Manual Integrations

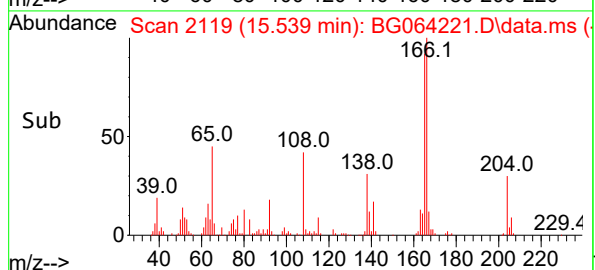
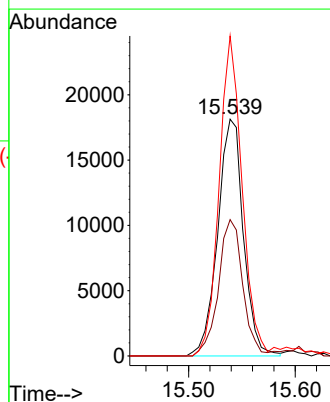
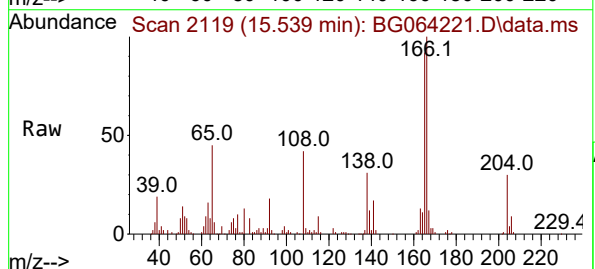
APPROVED

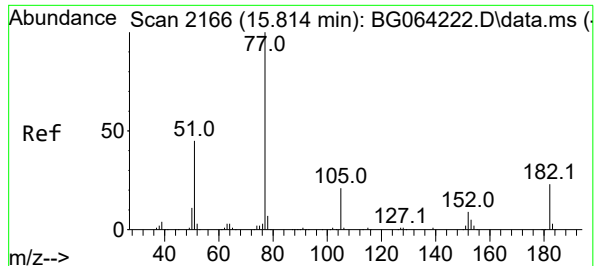
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#62
4-Nitroaniline
Concen: 19.833 ng
RT: 15.539 min Scan# 2119
Delta R.T. -0.017 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

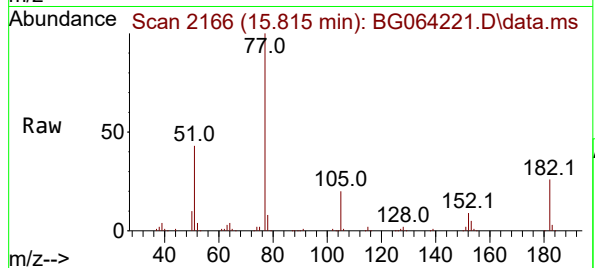
Tgt Ion:138 Resp: 30317
Ion Ratio Lower Upper
138 100
92 57.6 39.1 79.1
108 135.1 111.3 151.3





#63
Azobenzene
Concen: 20.922 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

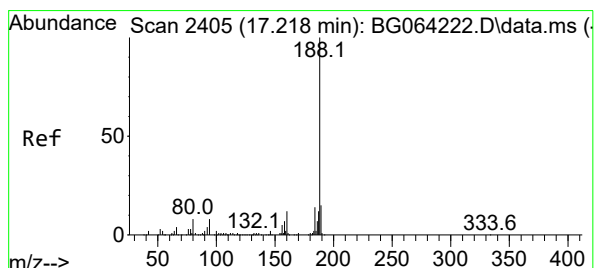
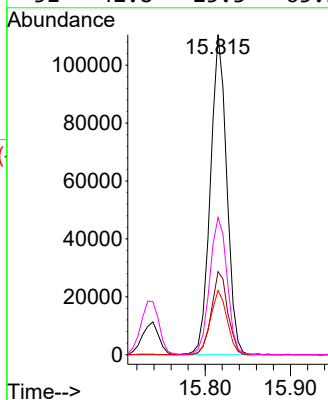
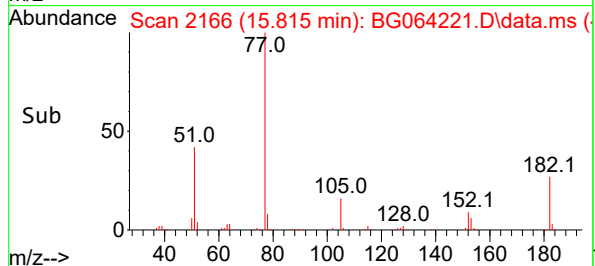
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 147419
Ion Ratio Lower Upper
77 100
182 25.9 3.3 43.3
105 20.0 0.6 40.6
51 42.8 25.3 65.3

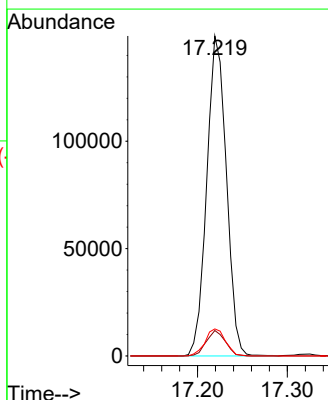
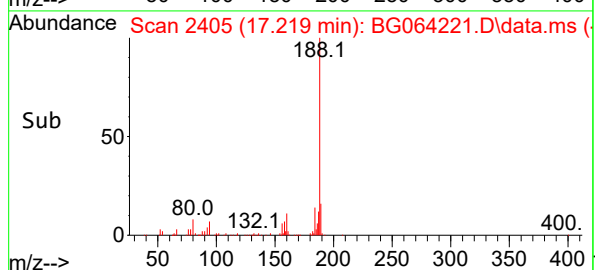
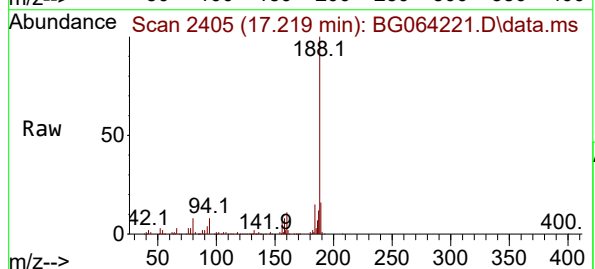
Manual Integrations
APPROVED

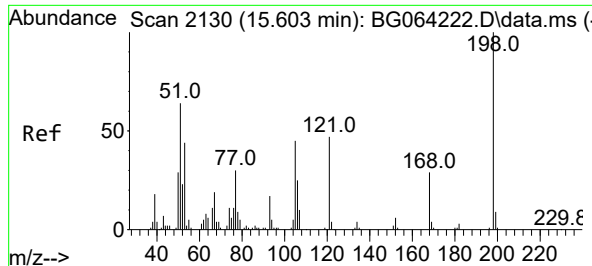
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

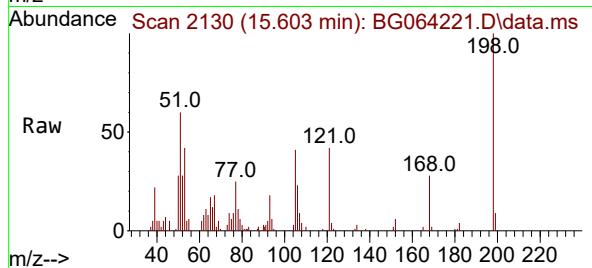
Tgt Ion:188 Resp: 226286
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.4
80 8.4 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 18.671 ng
RT: 15.603 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

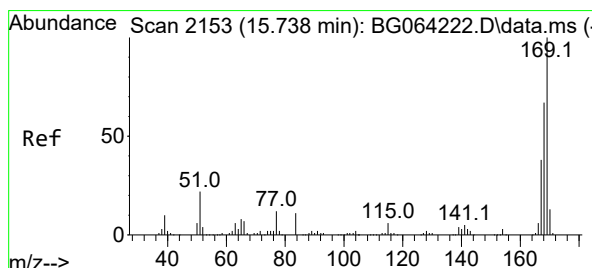
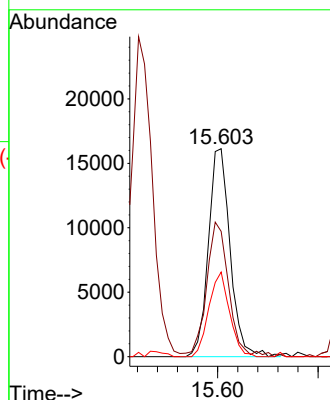
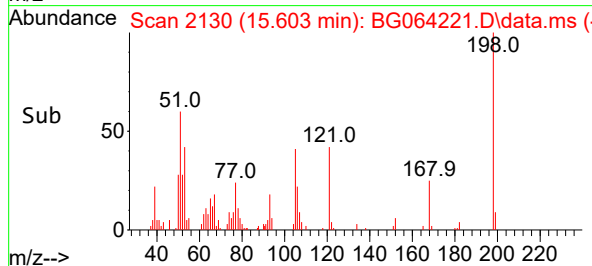
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:198 Resp: 2425
Ion Ratio Lower Upper
198 100
51 60.2 46.2 86.2
105 40.7 25.0 65.0

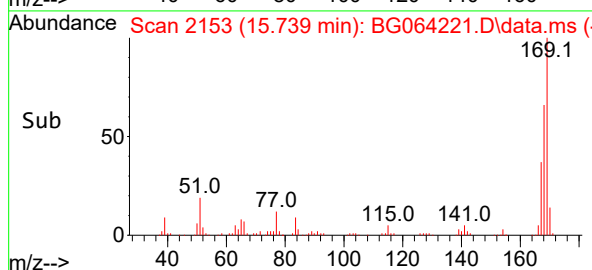
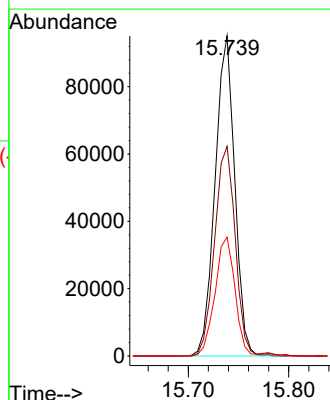
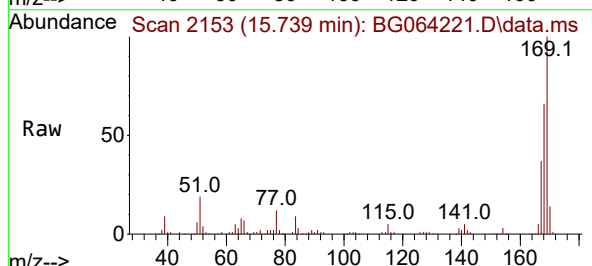
Manual Integrations
APPROVED

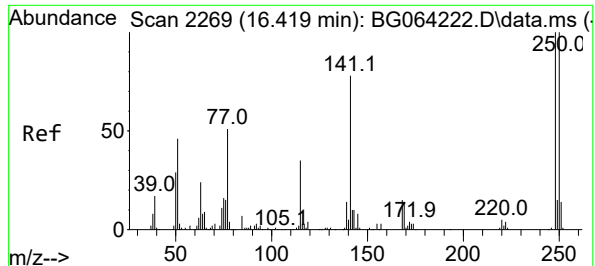
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#66
n-Nitrosodiphenylamine
Concen: 20.761 ng
RT: 15.739 min Scan# 2153
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

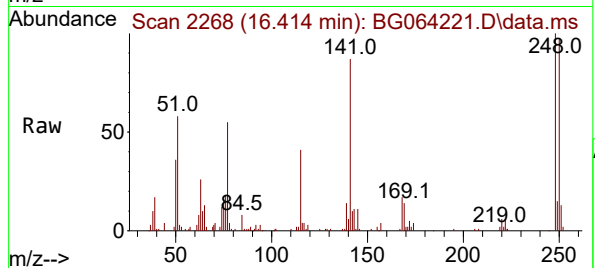
Tgt Ion:169 Resp: 129237
Ion Ratio Lower Upper
169 100
168 65.5 53.8 80.8
167 37.1 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 20.499 ng
RT: 16.414 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

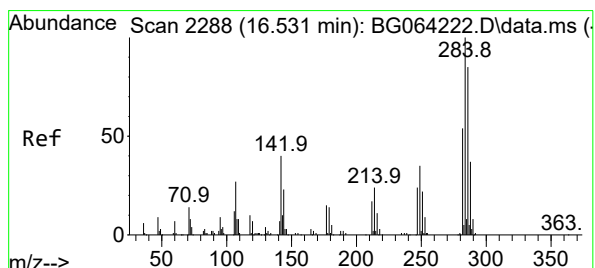
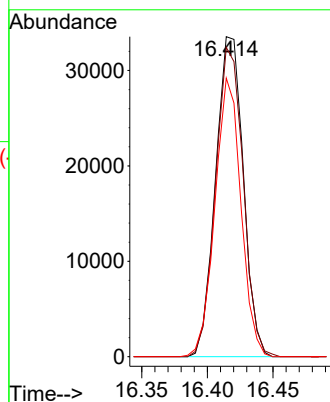
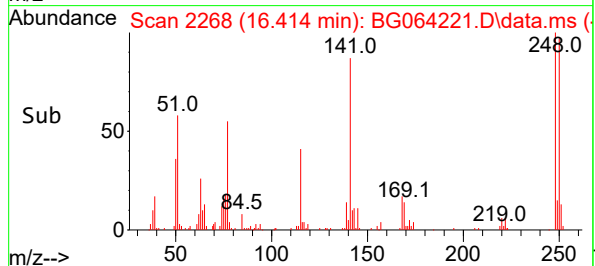
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:248 Resp: 49269
Ion Ratio Lower Upper
248 100
250 96.7 80.2 120.4
141 87.1 62.4 93.6

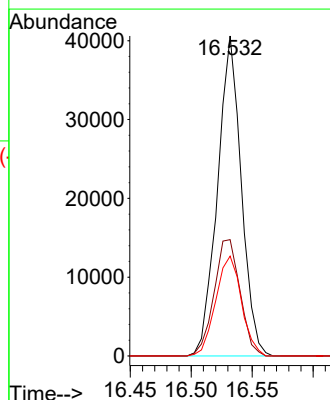
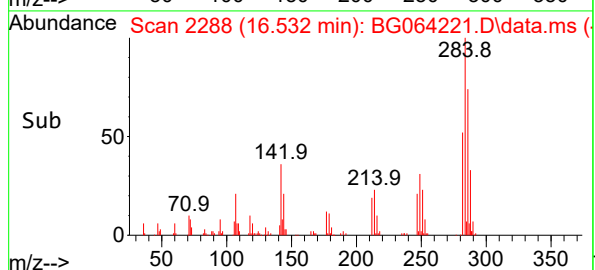
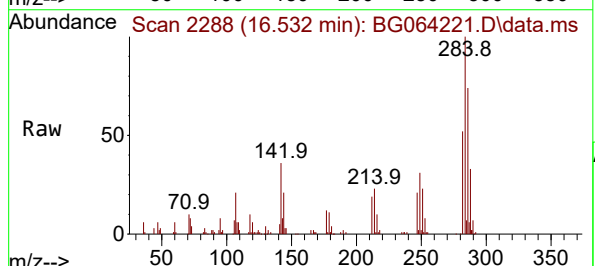
Manual Integrations
APPROVED

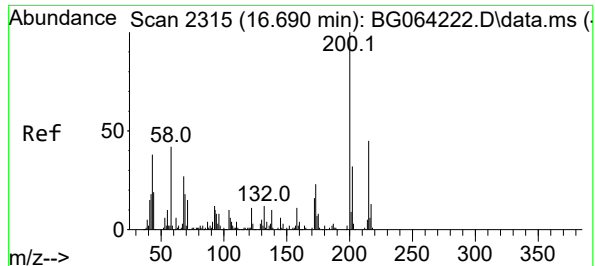
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#68
Hexachlorobenzene
Concen: 20.671 ng
RT: 16.532 min Scan# 2288
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

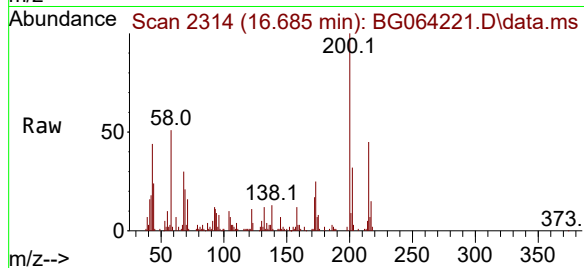
Tgt Ion:284 Resp: 55170
Ion Ratio Lower Upper
284 100
142 36.4 32.1 48.1
249 31.2 28.3 42.5





#69
Atrazine
Concen: 20.072 ng
RT: 16.685 min Scan# 2314
Delta R.T. -0.011 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

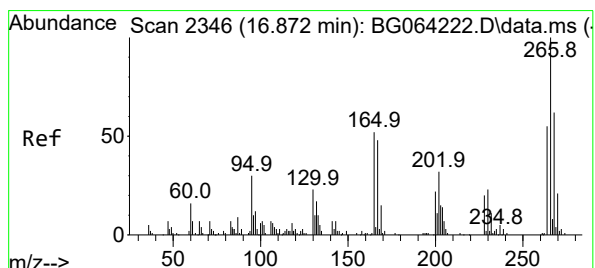
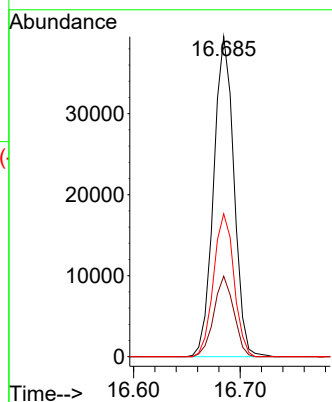
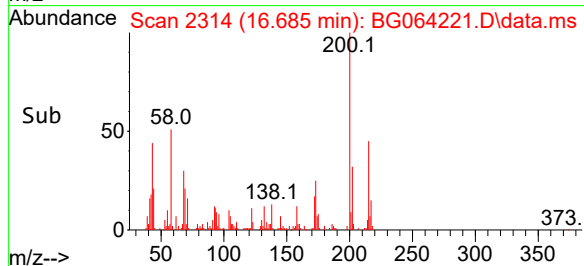
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:200 Resp: 52170
Ion Ratio Lower Upper
200 100
173 25.1 3.5 43.5
215 44.7 24.8 64.8

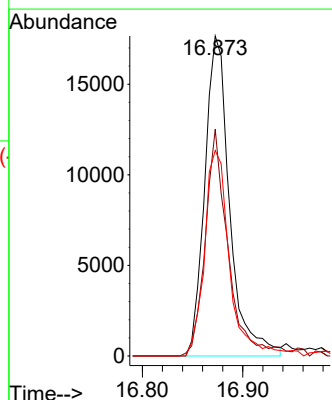
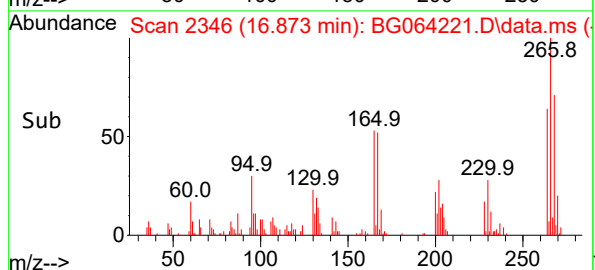
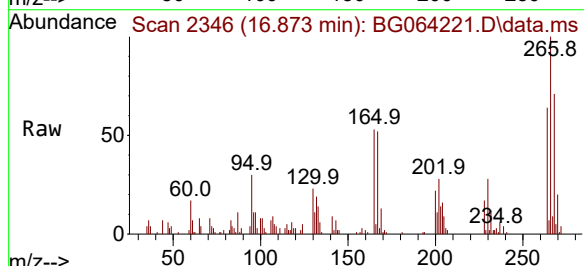
Manual Integrations
APPROVED

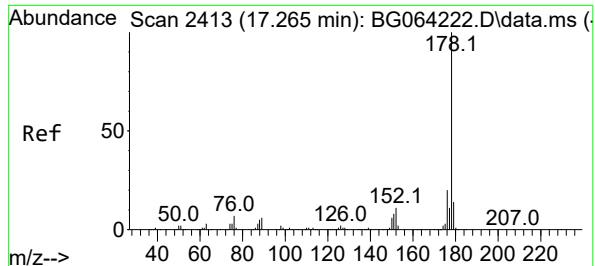
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#70
Pentachlorophenol
Concen: 18.830 ng
RT: 16.873 min Scan# 2346
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

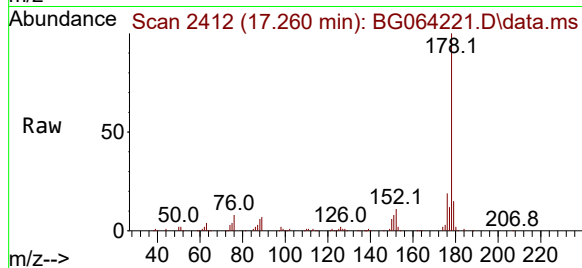
Tgt Ion:266 Resp: 30473
Ion Ratio Lower Upper
266 100
268 70.8 49.4 74.0
264 64.2 44.3 66.5





#71
Phenanthrene
Concen: 20.672 ng
RT: 17.260 min Scan# 2413
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

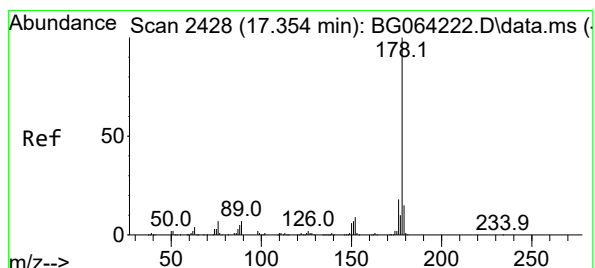
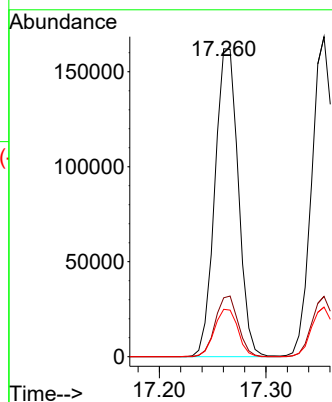
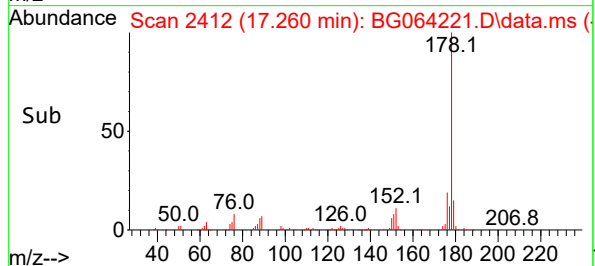
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 246721
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 15.4 11.4 17.2

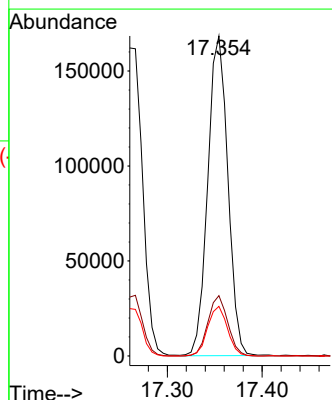
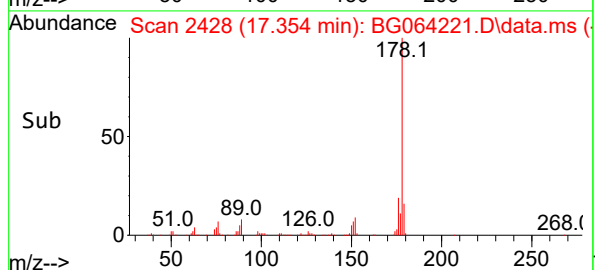
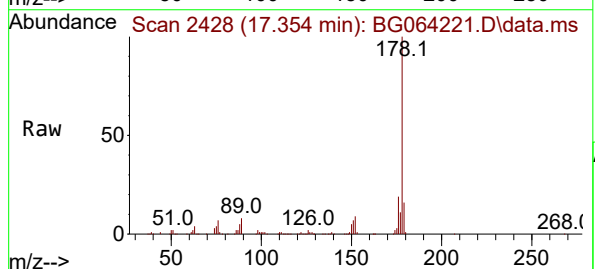
Manual Integrations
APPROVED

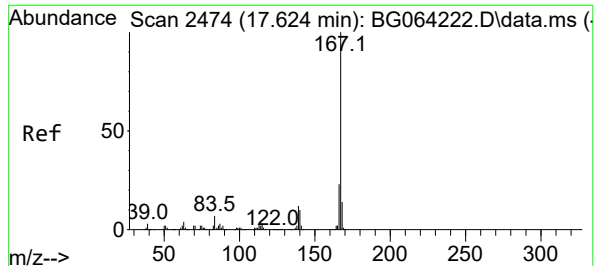
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#72
Anthracene
Concen: 20.352 ng
RT: 17.354 min Scan# 2428
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

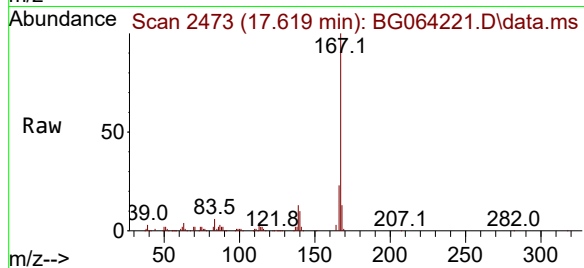
Tgt Ion:178 Resp: 247090
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.5 12.1 18.1





#73
Carbazole
Concen: 20.308 ng
RT: 17.619 min Scan# 2473
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

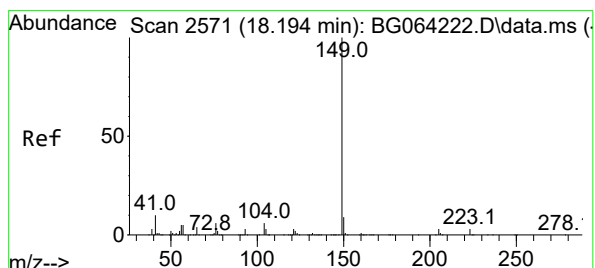
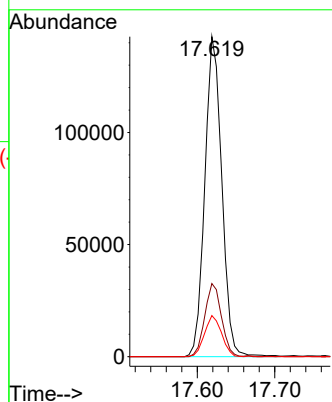
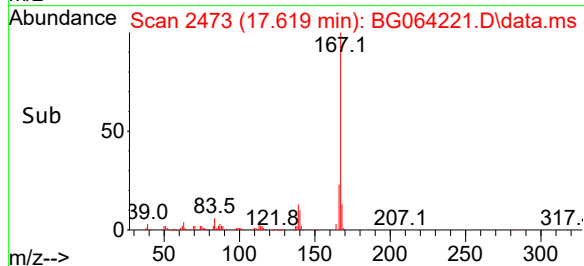
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:167 Resp: 217200
Ion Ratio Lower Upper
167 100
166 22.9 18.2 27.2
139 12.9 9.8 14.6

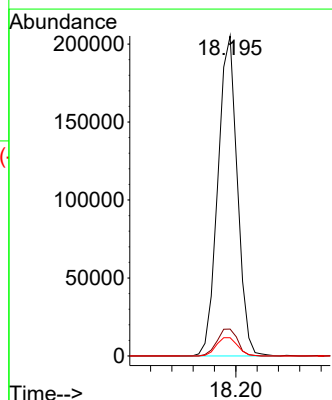
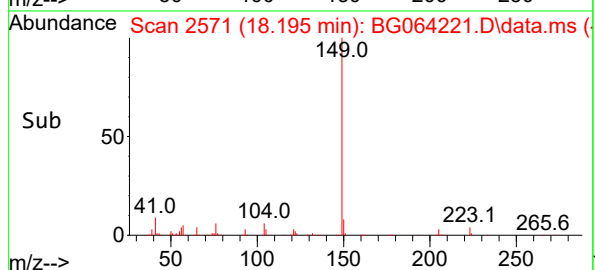
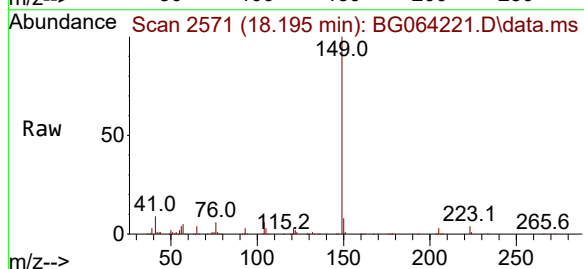
Manual Integrations
APPROVED

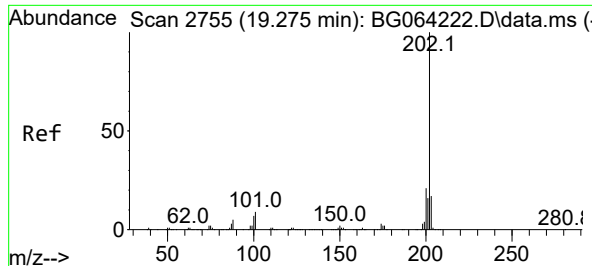
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#74
Di-n-butylphthalate
Concen: 20.187 ng
RT: 18.195 min Scan# 2571
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

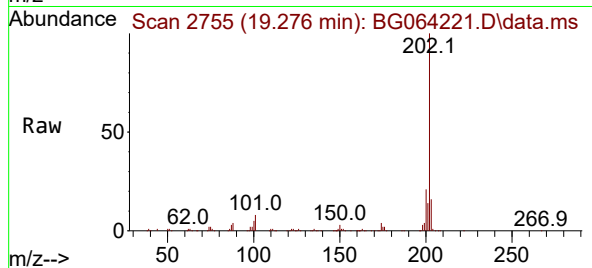
Tgt Ion:149 Resp: 259387
Ion Ratio Lower Upper
149 100
150 8.4 7.5 11.3
104 5.7 4.6 7.0





#75
Fluoranthene
Concen: 20.461 ng
RT: 19.276 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

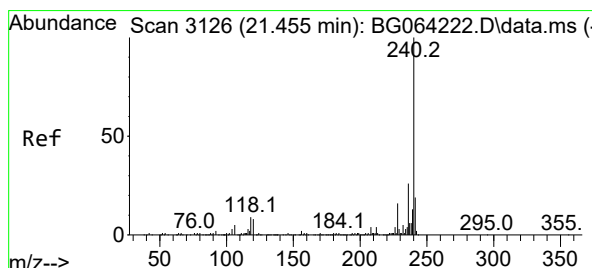
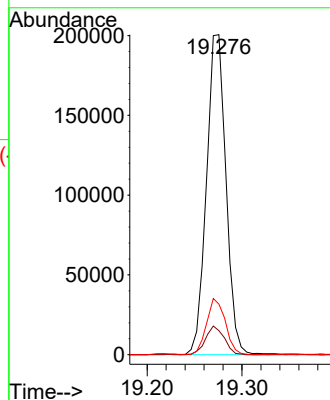
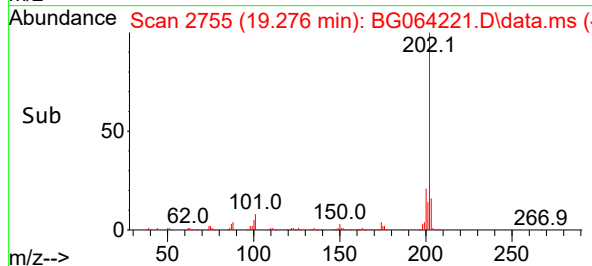
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 28713
Ion Ratio Lower Upper
202 100
101 7.5 0.0 28.7
203 15.8 0.0 36.9

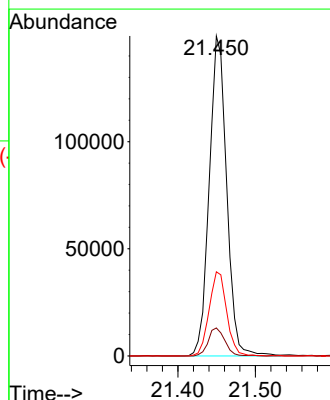
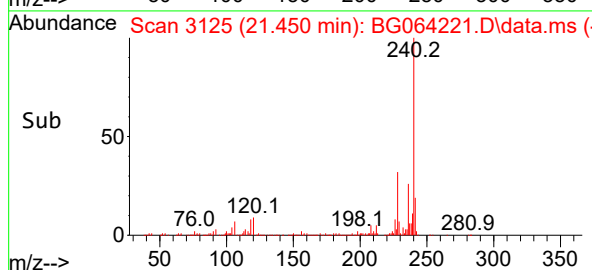
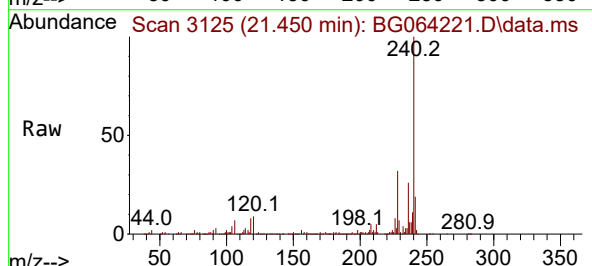
Manual Integrations
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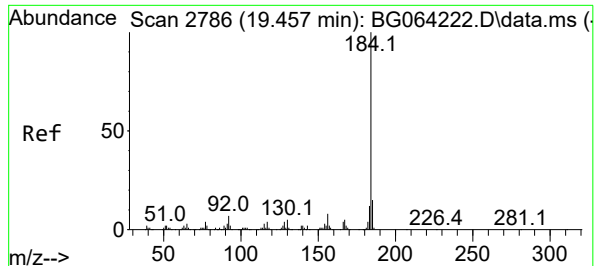
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

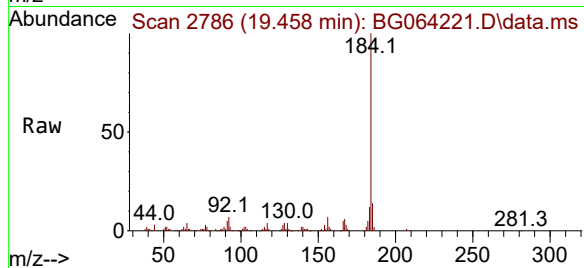
Tgt Ion:240 Resp: 233668
Ion Ratio Lower Upper
240 100
120 8.7 6.2 9.4
236 26.3 20.5 30.7





#77
Benzidine
Concen: 24.959 ng
RT: 19.458 min Scan# 2786
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

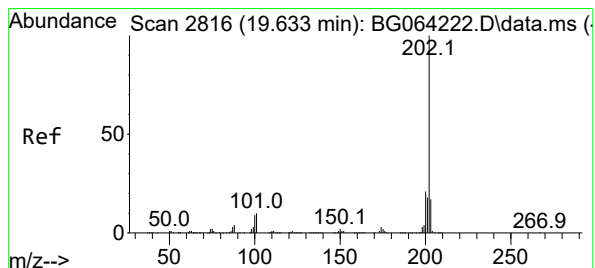
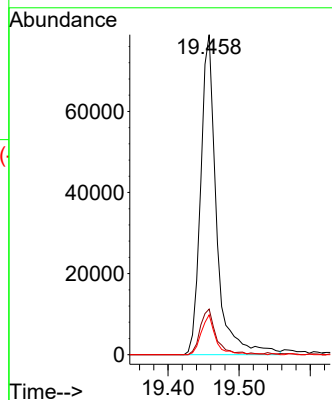
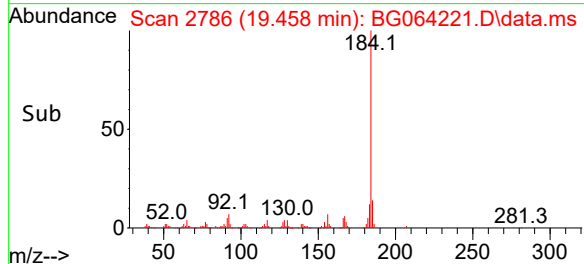
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:184 Resp: 122689
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 12.4 9.7 14.5

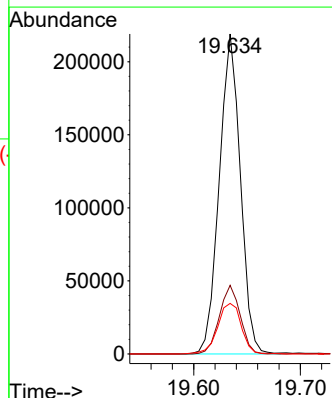
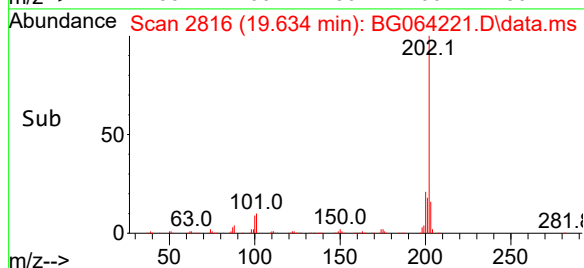
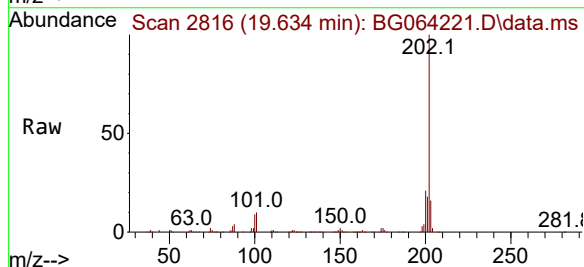
Manual Integrations
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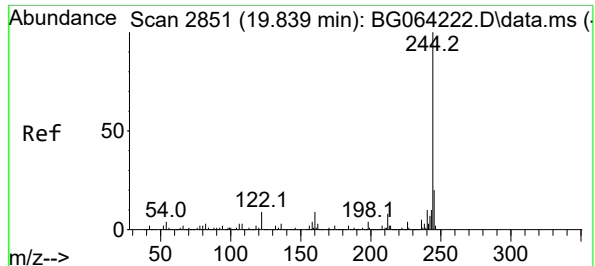
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#78
Pyrene
Concen: 20.409 ng
RT: 19.634 min Scan# 2816
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

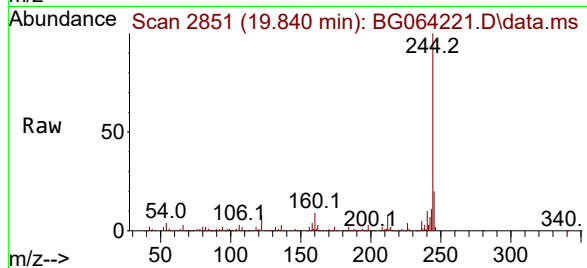
Tgt Ion:202 Resp: 300446
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 15.8 13.8 20.8





#79
Terphenyl-d14
Concen: 41.801 ng
RT: 19.840 min Scan# 2851
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

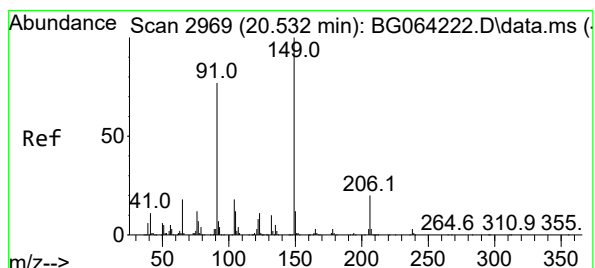
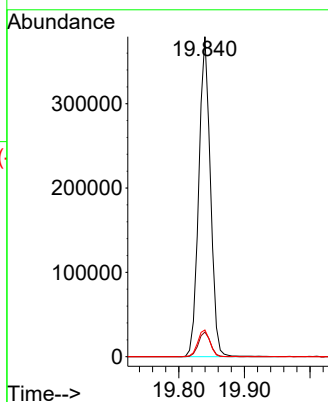
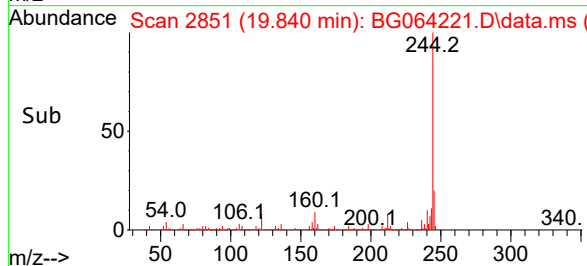
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:244 Resp: 46816
Ion Ratio Lower Upper
244 100
212 7.7 6.6 10.0
122 8.3 7.0 10.6

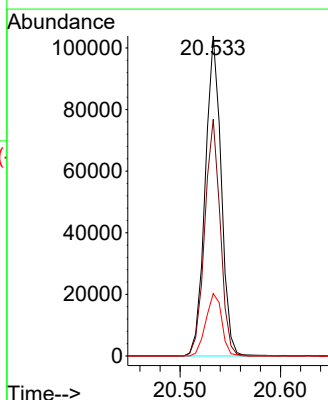
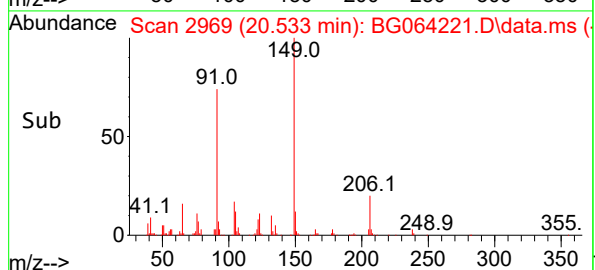
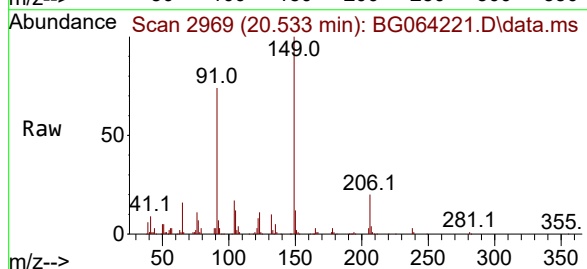
Manual Integrations
APPROVED

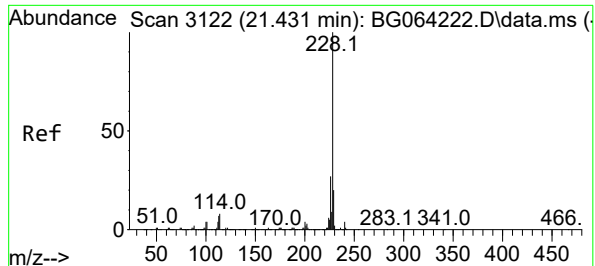
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#80
Butylbenzylphthalate
Concen: 20.699 ng
RT: 20.533 min Scan# 2969
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:149 Resp: 114931
Ion Ratio Lower Upper
149 100
91 74.0 61.4 92.0
206 19.5 15.8 23.6





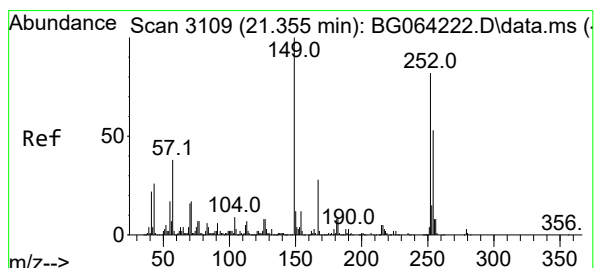
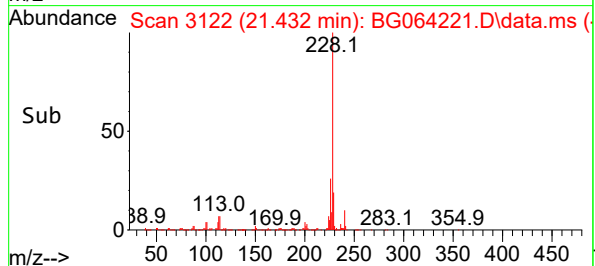
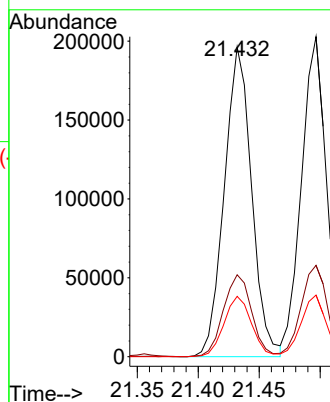
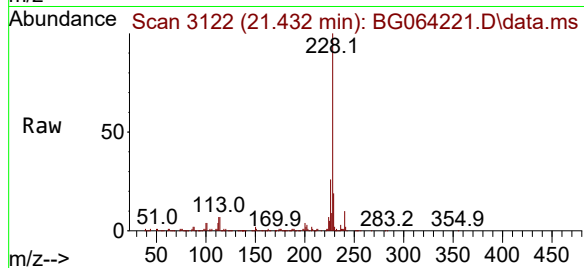
#81
Benzo(a)anthracene
Concen: 20.506 ng
RT: 21.432 min Scan# 3122
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 30655
Ion Ratio Lower Upper
228 100
226 26.5 21.7 32.5
229 19.5 15.9 23.9

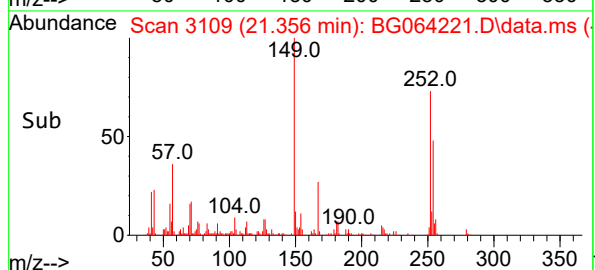
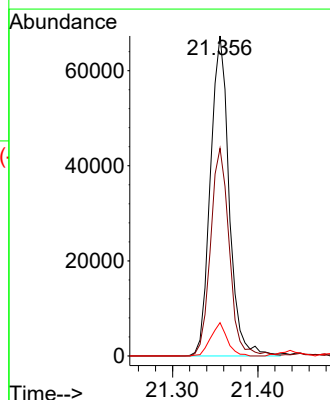
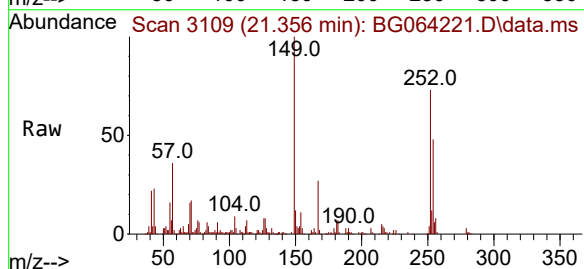
Manual Integrations
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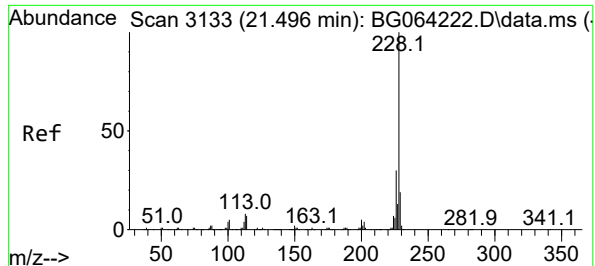
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#82
3,3'-Dichlorobenzidine
Concen: 21.141 ng
RT: 21.356 min Scan# 3109
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

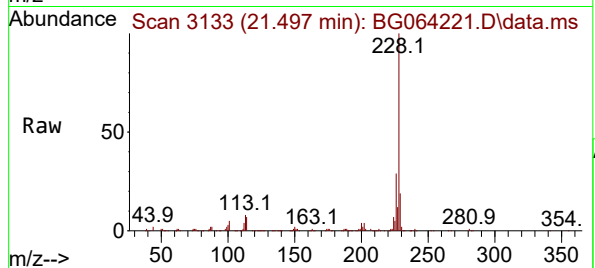
Tgt Ion:252 Resp: 102925
Ion Ratio Lower Upper
252 100
254 64.9 51.9 77.9
126 10.4 7.6 11.4





#83
Chrysene
Concen: 20.420 ng
RT: 21.497 min Scan# 3133
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

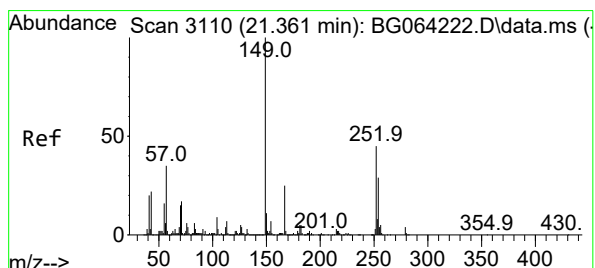
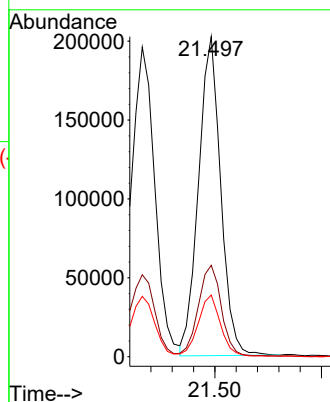
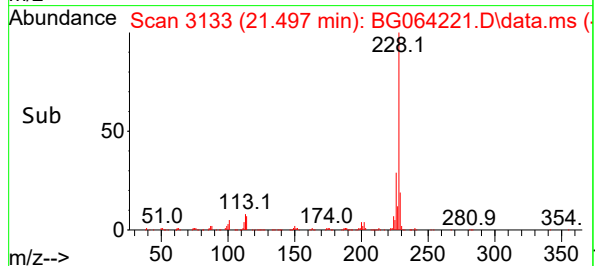
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 293057
Ion Ratio Lower Upper
228 100
226 28.6 24.2 36.2
229 19.3 15.4 23.2

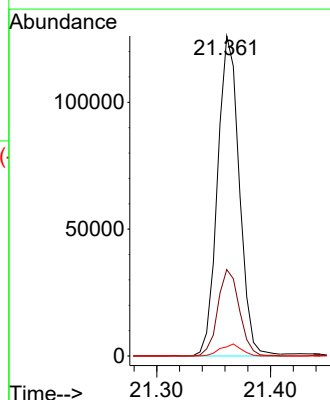
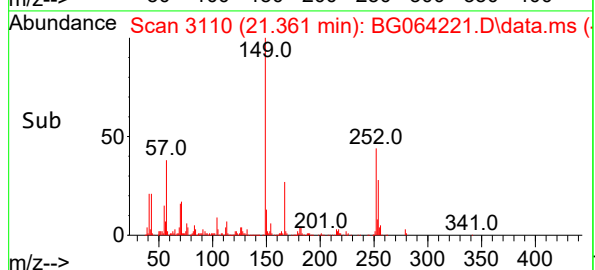
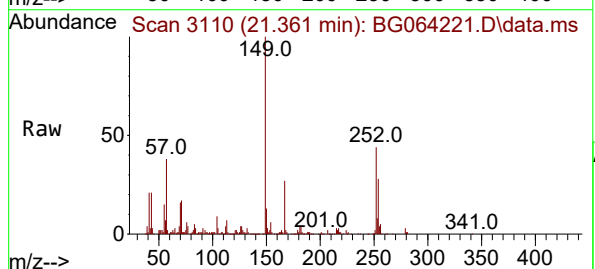
Manual Integrations
APPROVED

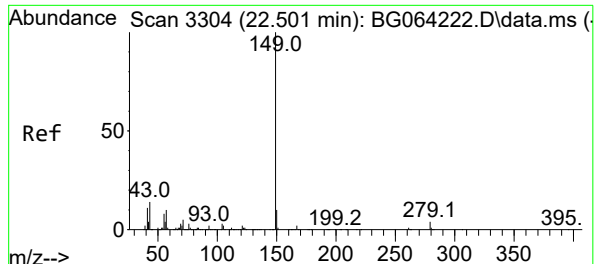
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 20.148 ng
RT: 21.361 min Scan# 3110
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

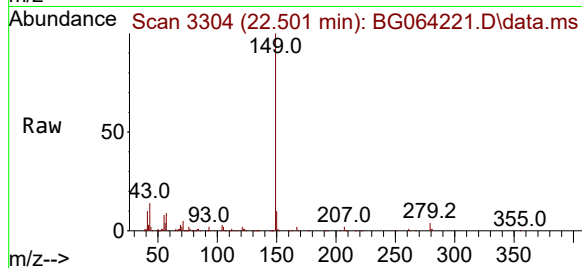
Tgt Ion:149 Resp: 167957
Ion Ratio Lower Upper
149 100
167 27.0 20.0 30.0
279 2.9 3.0 4.4#





#85
Di-n-octyl phthalate
Concen: 20.362 ng
RT: 22.501 min Scan# 3304
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

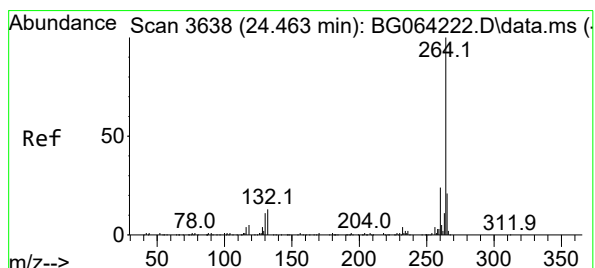
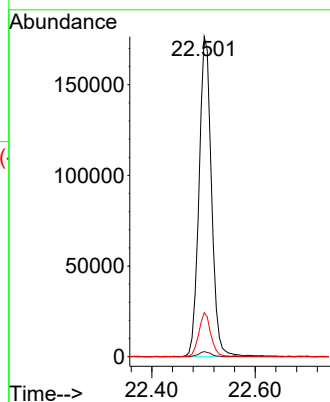
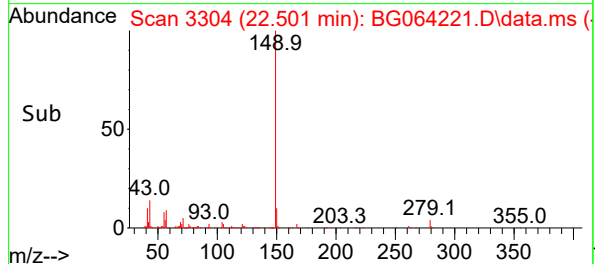
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 295768
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.3 10.8 16.2

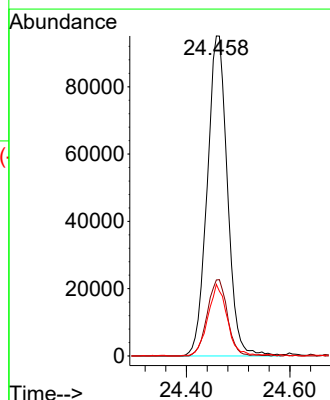
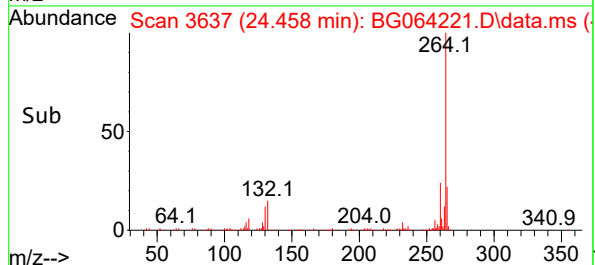
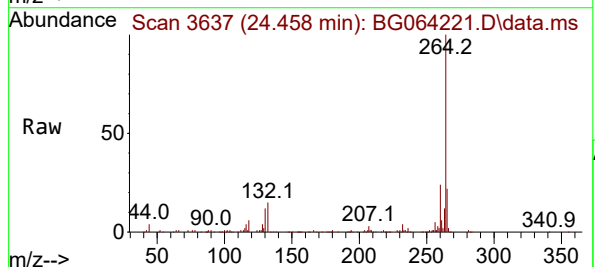
Manual Integrations
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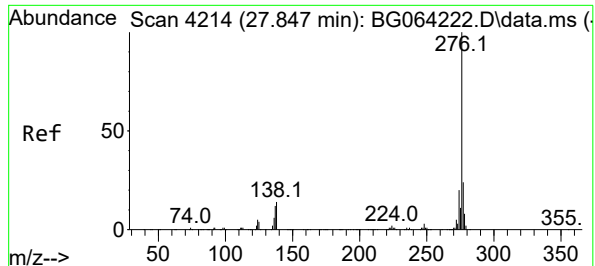
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.458 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

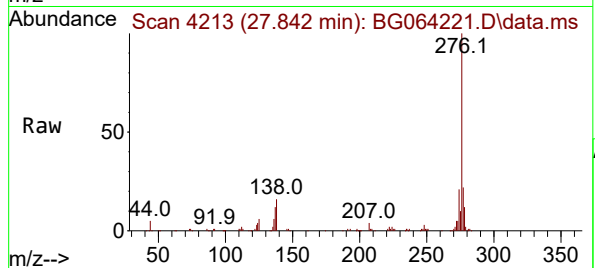
Tgt Ion:264 Resp: 258172
Ion Ratio Lower Upper
264 100
260 23.7 18.9 28.3
265 22.4 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 20.263 ng
RT: 27.842 min Scan# 4214
Delta R.T. -0.029 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

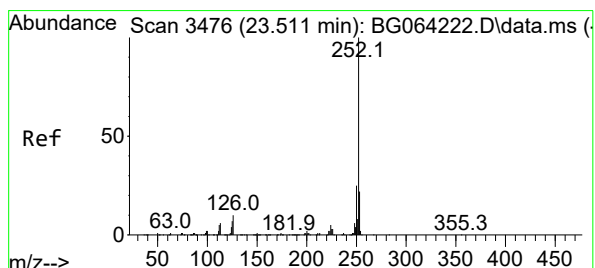
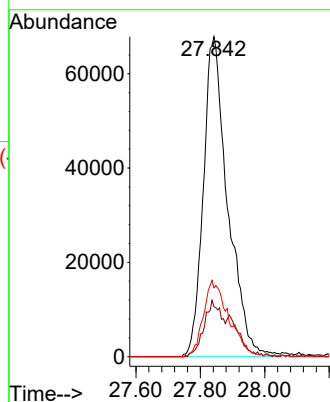
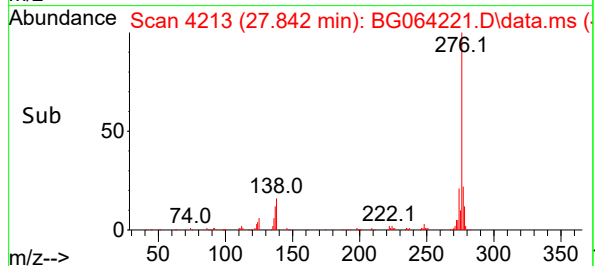
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:276 Resp: 35725
Ion Ratio Lower Upper
276 100
138 12.9 7.4 11.0
277 24.8 20.5 30.7

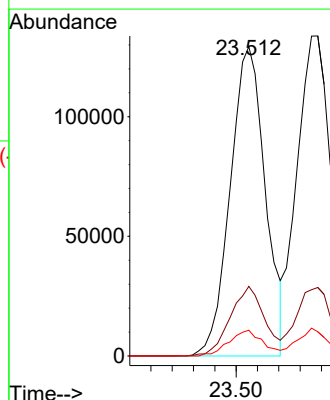
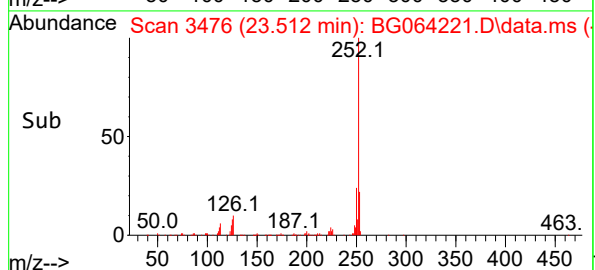
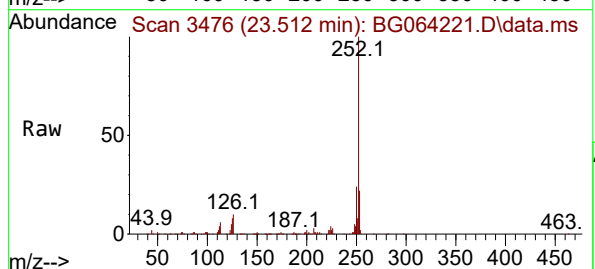
Manual Integrations
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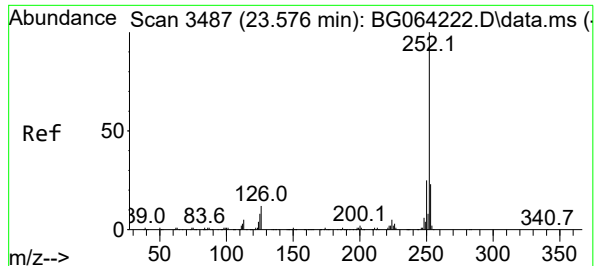
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#88
Benzo(b)fluoranthene
Concen: 20.285 ng
RT: 23.512 min Scan# 3476
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:252 Resp: 295568
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 8.3 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 20.492 ng

RT: 23.576 min Scan# 3487

Delta R.T. -0.011 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 304190

Ion Ratio Lower Upper

252 100

253 21.4 18.2 27.4

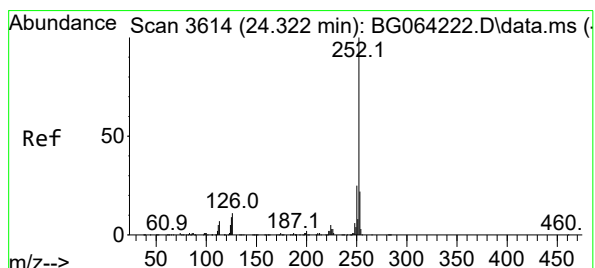
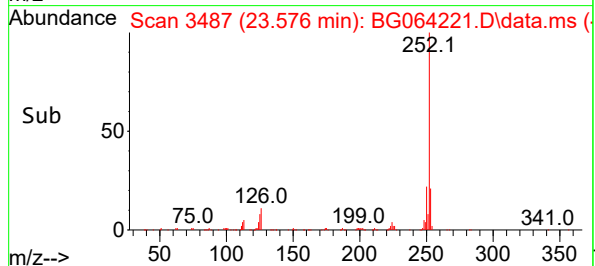
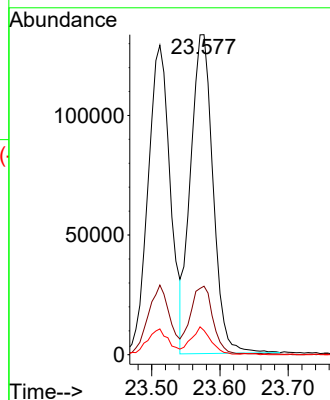
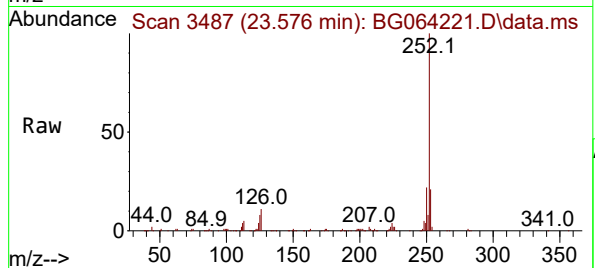
125 7.5 7.0 10.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#90

Benzo(a)pyrene

Concen: 20.504 ng

RT: 24.317 min Scan# 3613

Delta R.T. -0.011 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

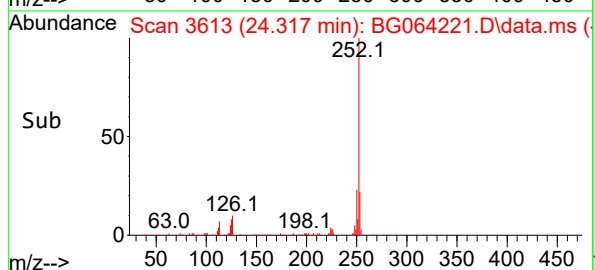
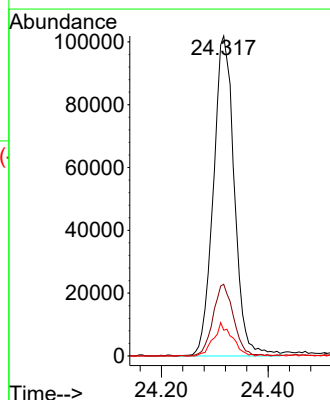
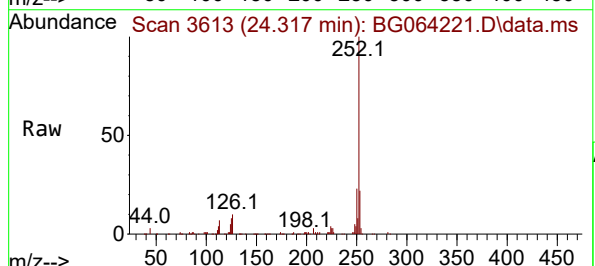
Tgt Ion:252 Resp: 277917

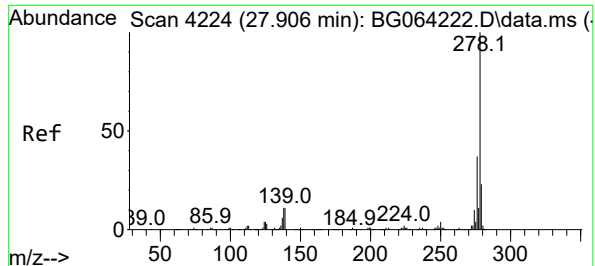
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

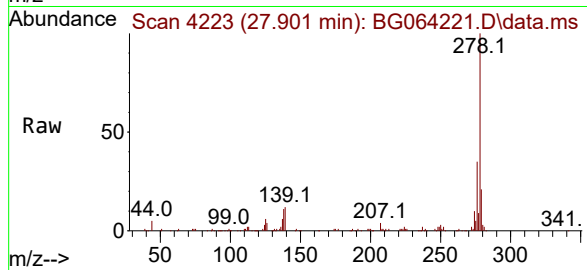
125 8.0 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 20.318 ng
RT: 27.901 min Scan# 41
Delta R.T. -0.023 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

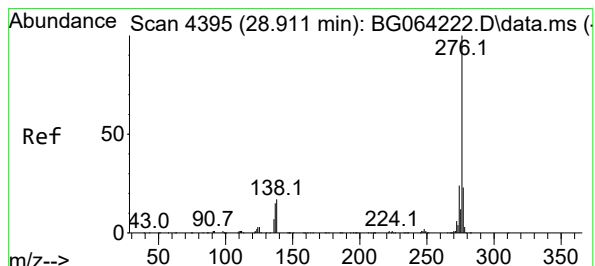
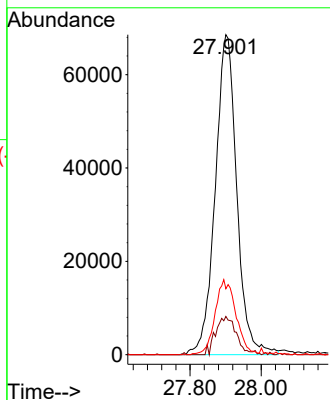
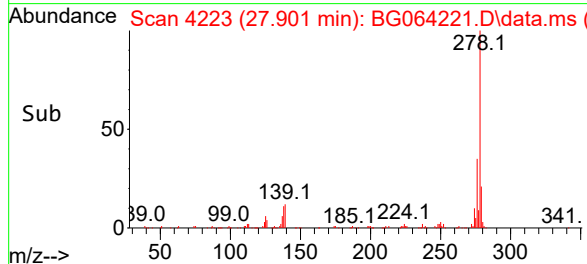
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:278 Resp: 28762
Ion Ratio Lower Upper
278 100
139 12.0 9.0 13.4
279 20.6 18.8 28.2

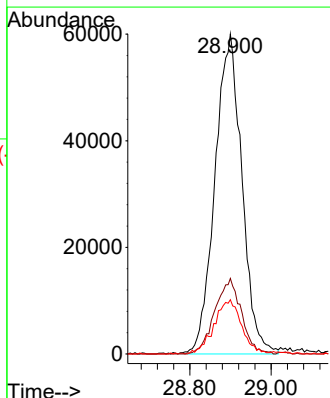
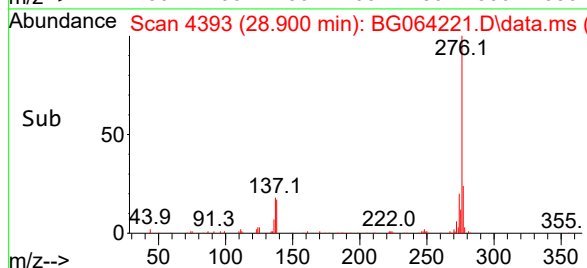
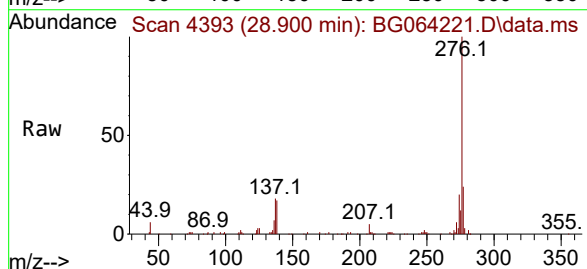
Manual Integrations
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Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#92
Benzo(g,h,i)perylene
Concen: 20.051 ng
RT: 28.900 min Scan# 4393
Delta R.T. -0.035 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:276 Resp: 276197
Ion Ratio Lower Upper
276 100
277 23.6 18.2 27.4
138 16.9 13.3 19.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064222.D
 Acq On : 28 Aug 2025 13:33
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	26688	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	126200	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	90061	20.000	ng	0.00
64) Phenanthrene-d10	17.218	188	216625	20.000	ng	0.00
76) Chrysene-d12	21.455	240	230899	20.000	ng	0.00
86) Perylene-d12	24.463	264	249993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	117882	79.246	ng	0.00
7) Phenol-d6	7.025	99	161720	79.133	ng	0.00
23) Nitrobenzene-d5	9.010	82	184443	81.509	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	99487	83.399	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	478450	81.088	ng	0.00
79) Terphenyl-d14	19.839	244	905835	81.849	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.364	88	20648	33.302	ng	100
3) Pyridine	3.752	79	71416	39.129	ng	100
4) n-Nitrosodimethylamine	3.670	42	49194	40.750	ng	100
6) Aniline	7.183	93	113404	40.128	ng	100
8) 2-Chlorophenol	7.424	128	75709	41.650	ng	100
9) Benzaldehyde	6.995	77	73366	43.623	ng	100
10) Phenol	7.048	94	89064	39.529	ng	100
11) bis(2-Chloroethyl)ether	7.283	93	68380	40.387	ng	100
12) 1,3-Dichlorobenzene	7.747	146	78542	40.615	ng	100
13) 1,4-Dichlorobenzene	7.894	146	78264	40.101	ng	100
14) 1,2-Dichlorobenzene	8.206	146	75225	39.936	ng	100
15) Benzyl Alcohol	8.088	79	76134	40.370	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.376	45	154642	40.005	ng	100
17) 2-Methylphenol	8.294	107	67291	40.073	ng	100
18) Hexachloroethane	8.934	117	31114	40.841	ng	100
19) n-Nitroso-di-n-propyla...	8.664	70	64204	41.049	ng	100
20) 3+4-Methylphenols	8.623	107	90856	38.939	ng	100
22) Acetophenone	8.670	105	126717	39.689	ng	100
24) Nitrobenzene	9.052	77	97991	41.447	ng	100
25) Isophorone	9.575	82	188784	40.142	ng	100
26) 2-Nitrophenol	9.763	139	43222	42.309	ng	100
27) 2,4-Dimethylphenol	9.821	122	74893	41.756	ng	100
28) bis(2-Chloroethoxy)met...	10.056	93	104447	41.188	ng	100
29) 2,4-Dichlorophenol	10.291	162	78139	41.290	ng	100
30) 1,2,4-Trichlorobenzene	10.509	180	80502	40.344	ng	100
31) Naphthalene	10.697	128	261400	39.944	ng	100
32) Benzoic acid	9.956	122	60467m	42.471	ng	
33) 4-Chloroaniline	10.797	127	106157	41.854	ng	100
34) Hexachlorobutadiene	10.991	225	59902	40.612	ng	100
35) Caprolactam	11.572	113	31152	42.513	ng	100
36) 4-Chloro-3-methylphenol	11.925	107	99772	40.634	ng	100
37) 2-Methylnaphthalene	12.307	142	198855	40.881	ng	100
38) 1-Methylnaphthalene	12.524	142	195785	40.750	ng	100
40) 1,2,4,5-Tetrachloroben...	12.677	216	104909	40.372	ng	100
41) Hexachlorocyclopentadiene	12.659	237	49514	40.092	ng	100
43) 2,4,6-Trichlorophenol	12.912	196	71398	41.108	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064222.D
 Acq On : 28 Aug 2025 13:33
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

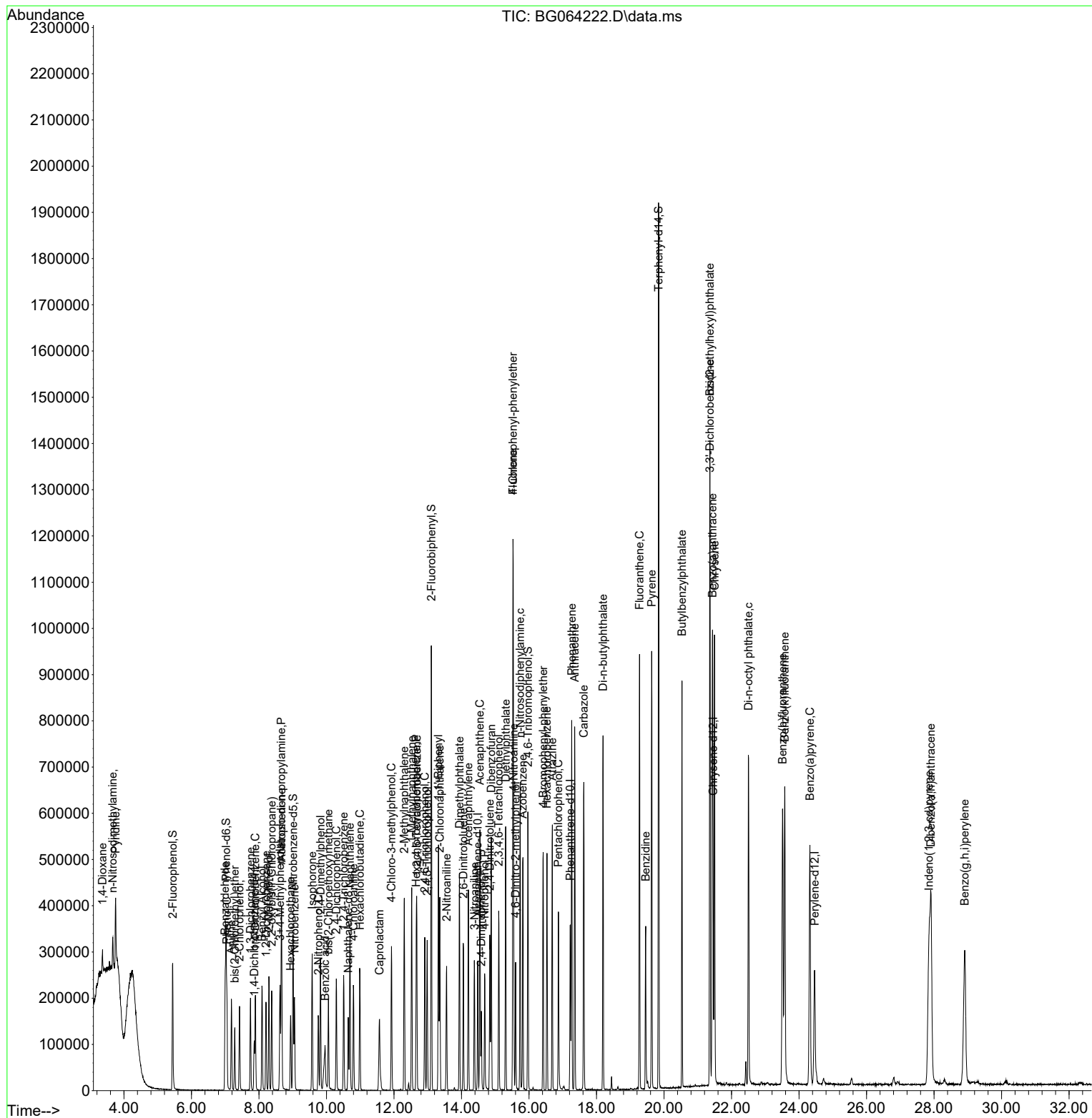
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.982	196	77976	41.387	ng	100
46) 1,1'-Biphenyl	13.317	154	269191	41.038	ng	100
47) 2-Chloronaphthalene	13.358	162	200412	40.640	ng	100
48) 2-Nitroaniline	13.558	65	73815	43.916	ng	100
49) Acenaphthylene	14.204	152	301771	41.396	ng	100
50) Dimethylphthalate	13.940	163	280002	41.075	ng	100
51) 2,6-Dinitrotoluene	14.052	165	58034	43.975	ng	100
52) Acenaphthene	14.545	154	212105	41.230	ng	100
53) 3-Nitroaniline	14.387	138	59560	43.085	ng	100
54) 2,4-Dinitrophenol	14.586	184	32082	40.231	ng	100
55) Dibenzofuran	14.880	168	330167	40.802	ng	100
56) 4-Nitrophenol	14.686	139	51577	45.484	ng	100
57) 2,4-Dinitrotoluene	14.839	165	87210	43.705	ng	100
58) Fluorene	15.526	166	275394	41.523	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.103	232	75450	41.637	ng	100
60) Diethylphthalate	15.309	149	304086	41.681	ng	100
61) 4-Chlorophenyl-phenyle...	15.526	204	135998	41.127	ng	100
62) 4-Nitroaniline	15.544	138	63286	44.865	ng	100
63) Azobenzene	15.814	77	270729	41.635	ng	100
65) 4,6-Dinitro-2-methylph...	15.603	198	51221	41.184	ng	100
66) n-Nitrosodiphenylamine	15.738	169	243339	40.835	ng	100
67) 4-Bromophenyl-phenylether	16.419	248	93326	40.562	ng	100
68) Hexachlorobenzene	16.531	284	98094	38.392	ng	100
69) Atrazine	16.690	200	103824	41.726	ng	100
70) Pentachlorophenol	16.872	266	66146	42.696	ng	100
71) Phenanthrene	17.265	178	469432	41.086	ng	100
72) Anthracene	17.354	178	481293	41.411	ng	100
73) Carbazole	17.624	167	434112	42.400	ng	100
74) Di-n-butylphthalate	18.194	149	524841	42.668	ng	100
75) Fluoranthene	19.275	202	565136	42.067	ng	100
77) Benzidine	19.457	184	205659	42.340	ng	100
78) Pyrene	19.633	202	601727	41.364	ng	100
80) Butylbenzylphthalate	20.532	149	228304	41.610	ng	100
81) Benzo(a)anthracene	21.431	228	598710	40.530	ng	100
82) 3,3'-Dichlorobenzidine	21.355	252	197938	41.144	ng	100
83) Chrysene	21.496	228	576127	40.625	ng	100
84) Bis(2-ethylhexyl)phtha...	21.361	149	338114	41.046	ng	100
85) Di-n-octyl phthalate	22.501	149	583481	40.652	ng	100
87) Indeno(1,2,3-cd)pyrene	27.847	276	699504	40.973	ng	100
88) Benzo(b)fluoranthene	23.511	252	587871	41.666	ng	100
89) Benzo(k)fluoranthene	23.576	252	570589	39.695	ng	100
90) Benzo(a)pyrene	24.322	252	541764	41.278	ng	100
91) Dibenzo(a,h)anthracene	27.906	278	567245	41.382	ng	100
92) Benzo(g,h,i)perylene	28.911	276	541401	40.590	ng	100

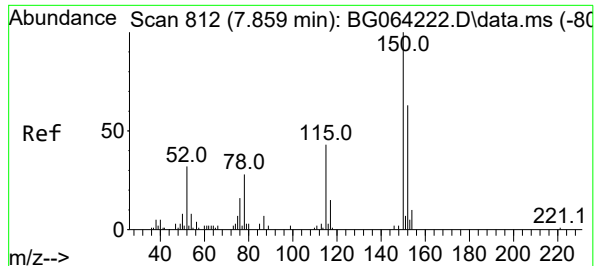
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

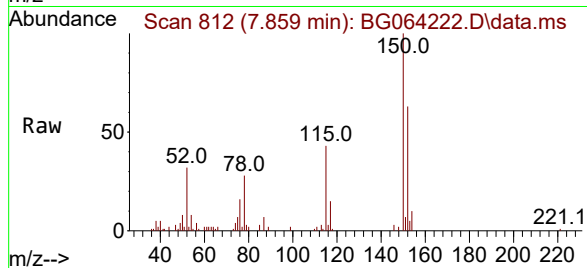
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 812
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

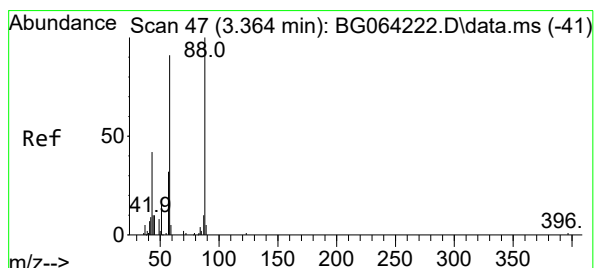
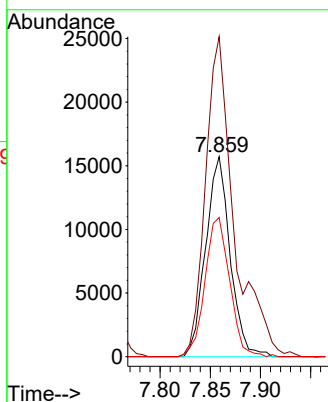
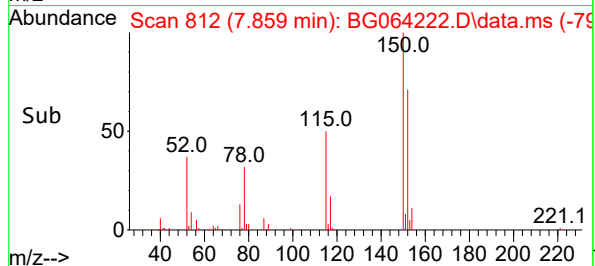
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 2668
Ion Ratio Lower Upper
152 100
150 160.0 128.0 192.0
115 69.6 55.7 83.5

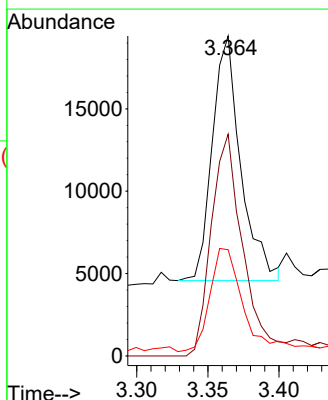
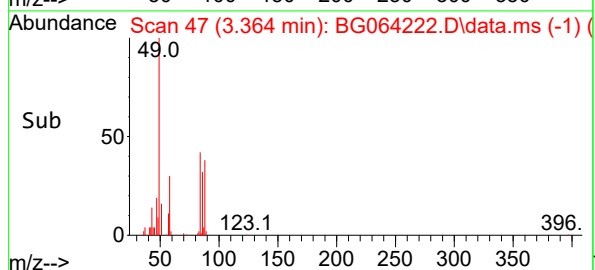
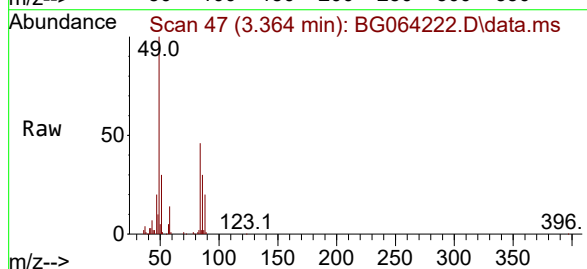
Manual Integrations
APPROVED

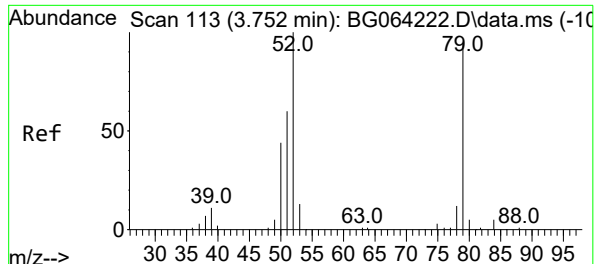
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#2
1,4-Dioxane
Concen: 33.302 ng
RT: 3.364 min Scan# 47
Delta R.T. 0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

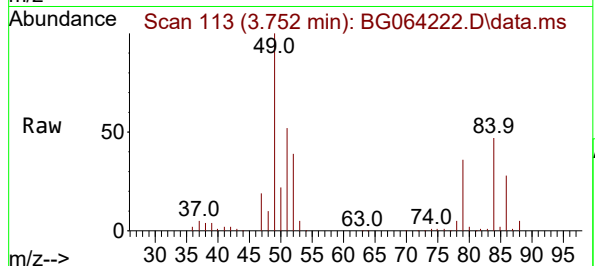
Tgt Ion: 88 Resp: 20648
Ion Ratio Lower Upper
88 100
58 101.0 80.8 121.2
43 50.4 40.3 60.5





#3
Pyridine
Concen: 39.129 ng
RT: 3.752 min Scan# 113
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

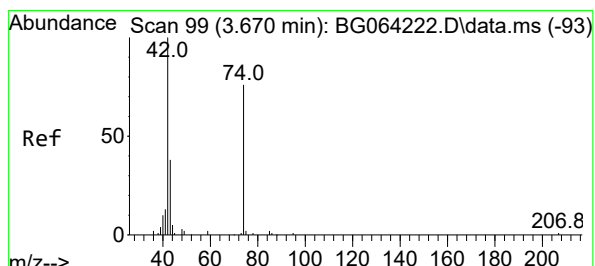
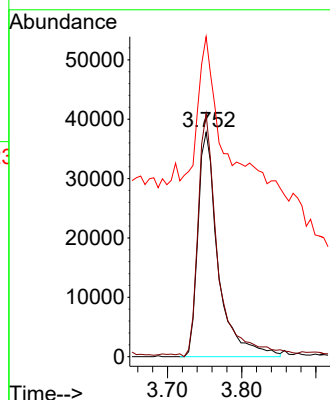
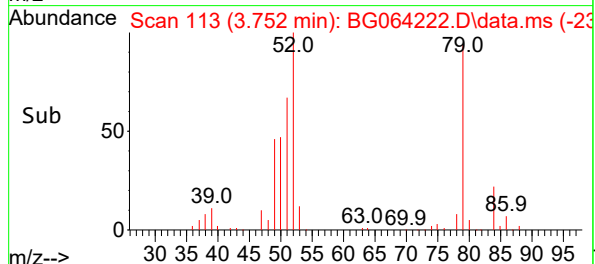
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 79 Resp: 71410
Ion Ratio Lower Upper
79 100
52 108.2 86.6 129.8
51 142.6 114.1 171.1

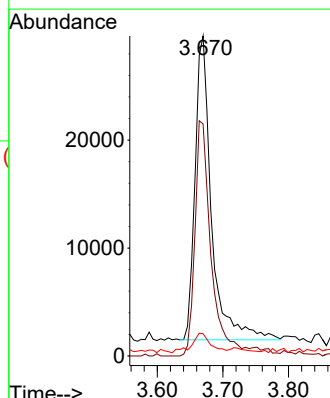
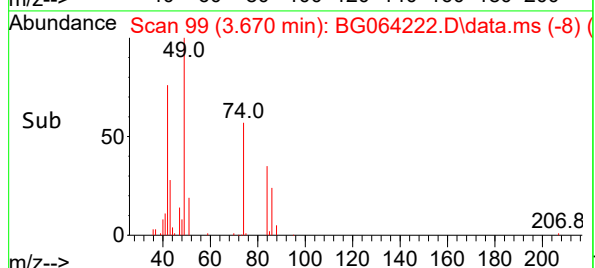
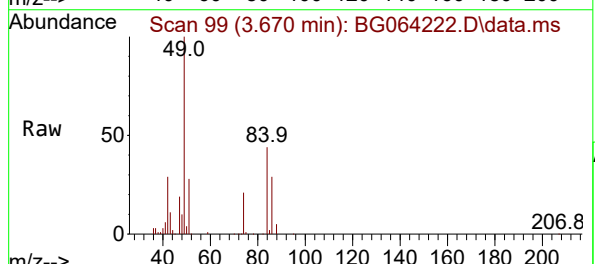
Manual Integrations
APPROVED

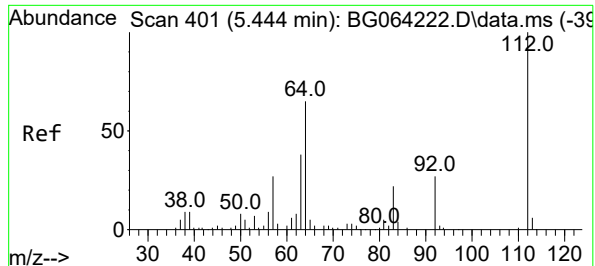
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#4
n-Nitrosodimethylamine
Concen: 40.750 ng
RT: 3.670 min Scan# 99
Delta R.T. 0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion: 42 Resp: 49194
Ion Ratio Lower Upper
42 100
74 72.5 58.0 87.0
44 6.9 5.5 8.3





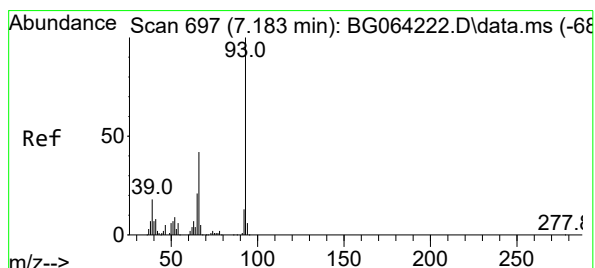
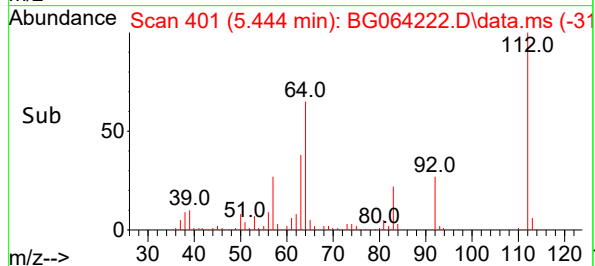
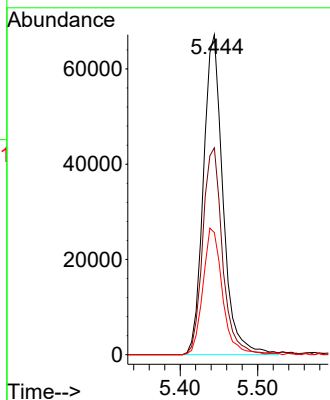
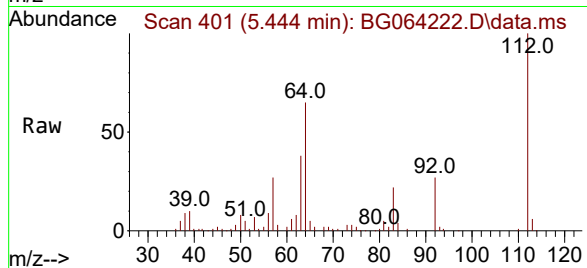
#5
2-Fluorophenol
Concen: 79.246 ng
RT: 5.444 min Scan# 401
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 11788
Ion Ratio Lower Upper
112 100
64 64.7 51.8 77.6
63 38.2 30.6 45.8

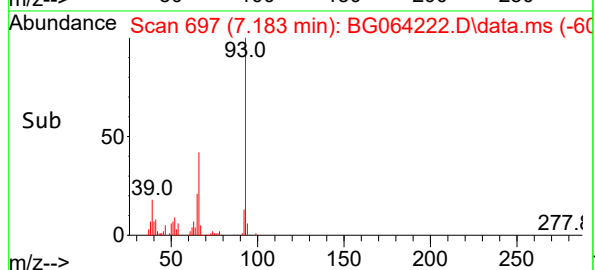
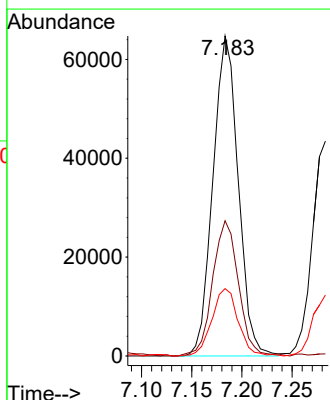
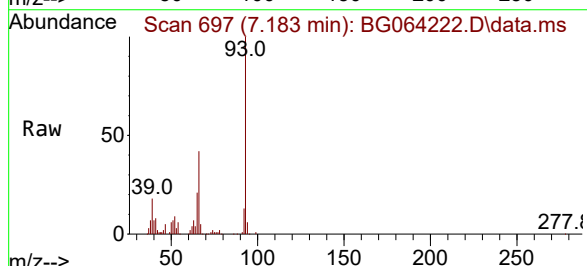
Manual Integrations
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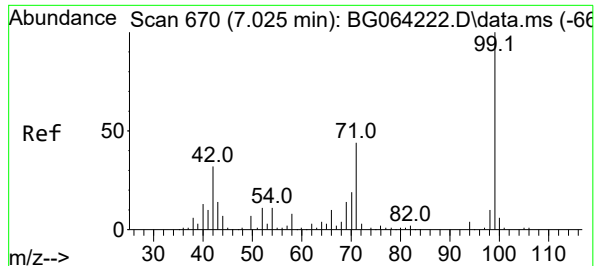
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#6
Aniline
Concen: 40.128 ng
RT: 7.183 min Scan# 697
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion: 93 Resp: 113404
Ion Ratio Lower Upper
93 100
66 42.3 33.8 50.8
65 21.1 16.9 25.3





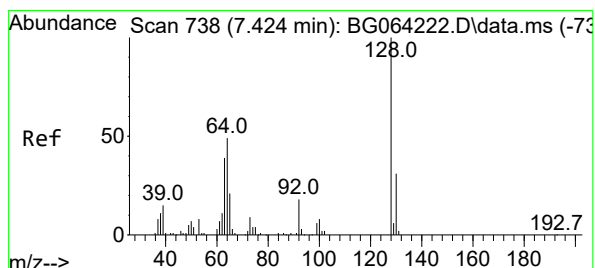
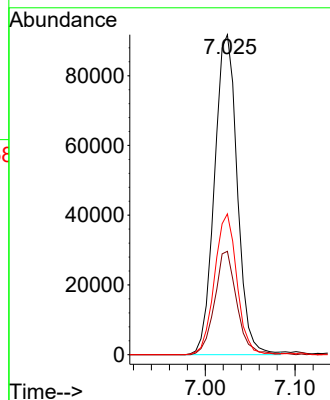
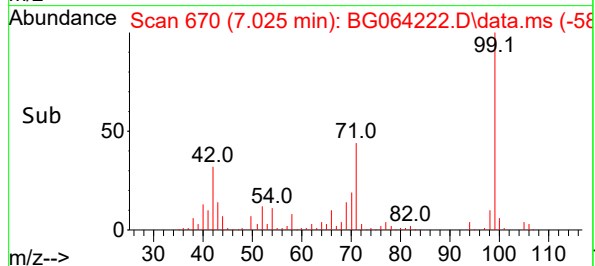
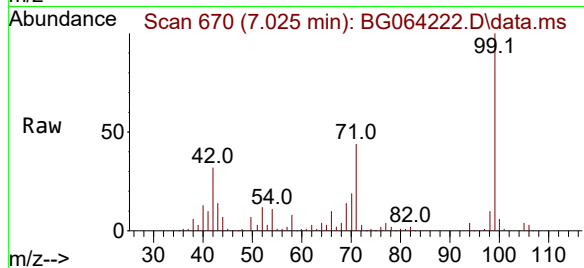
#7
Phenol-d6
Concen: 79.133 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 161720
Ion Ratio Lower Upper
99 100
42 32.3 25.8 38.8
71 44.0 35.2 52.8

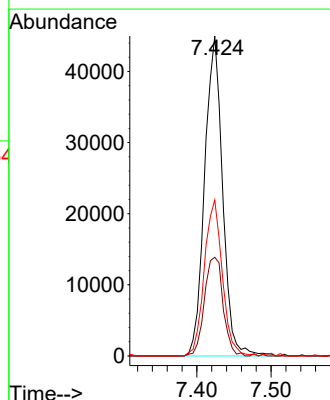
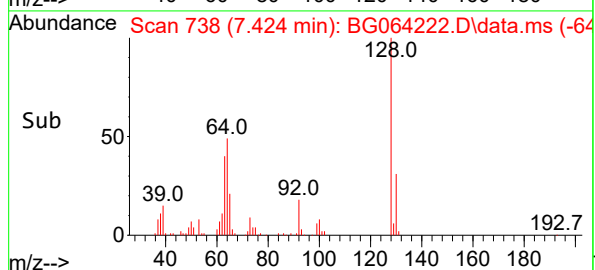
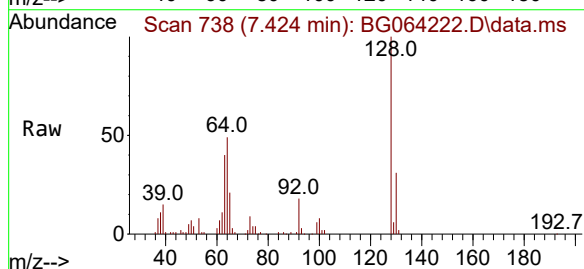
Manual Integrations
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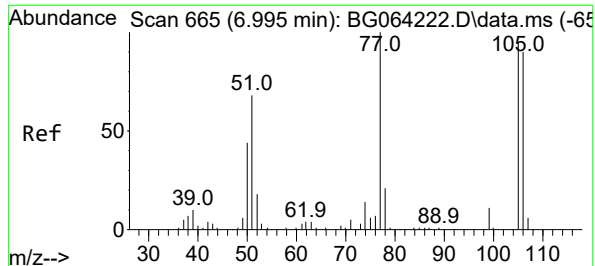
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#8
2-Chlorophenol
Concen: 41.650 ng
RT: 7.424 min Scan# 738
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:128 Resp: 75709
Ion Ratio Lower Upper
128 100
130 30.9 10.9 50.9
64 48.7 28.7 68.7





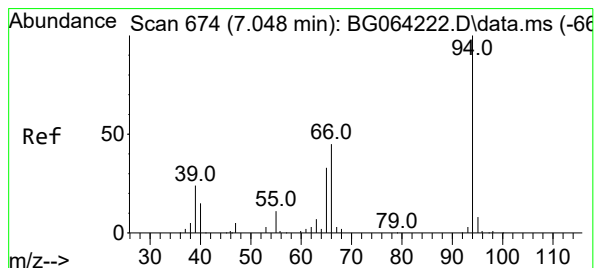
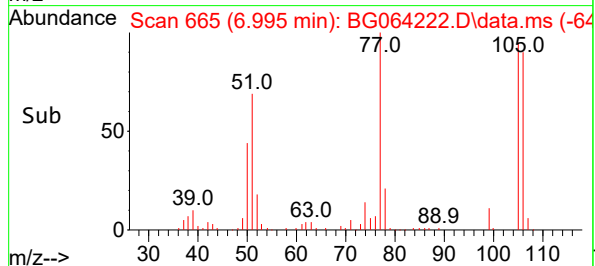
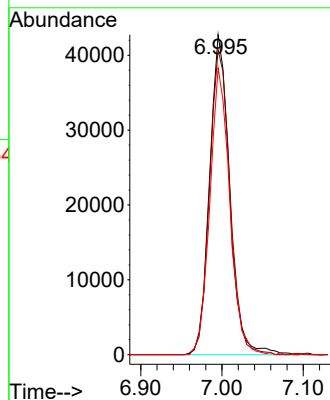
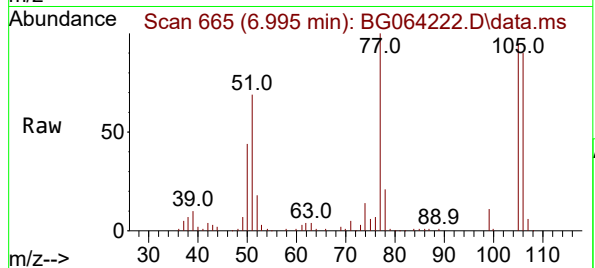
#9
Benzaldehyde
Concen: 43.623 ng
RT: 6.995 min Scan# 665
Delta R.T. 0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 73360
Ion Ratio Lower Upper
77 100
105 95.2 75.2 115.2
106 89.6 69.6 109.6

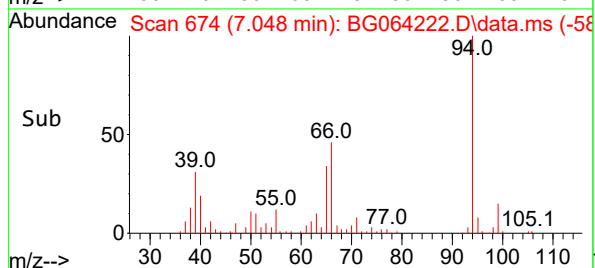
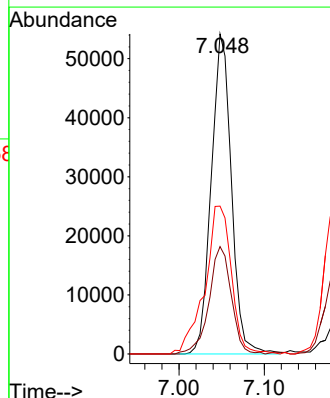
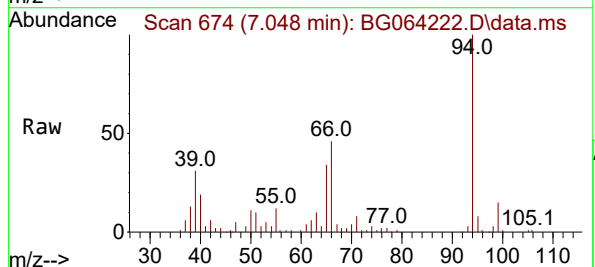
Manual Integrations
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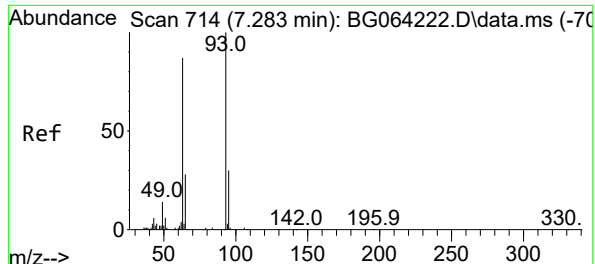
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#10
Phenol
Concen: 39.529 ng
RT: 7.048 min Scan# 674
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

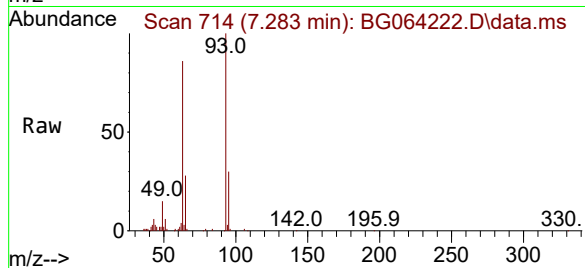
Tgt Ion: 94 Resp: 89064
Ion Ratio Lower Upper
94 100
65 33.5 13.5 53.5
66 46.2 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 40.387 ng
RT: 7.283 min Scan# 714
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

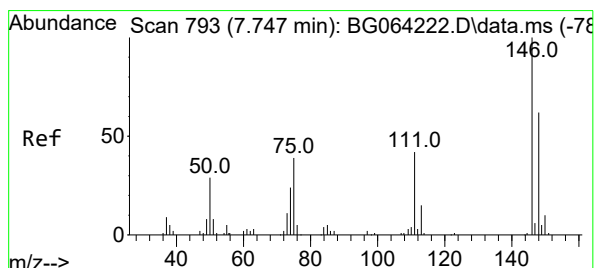
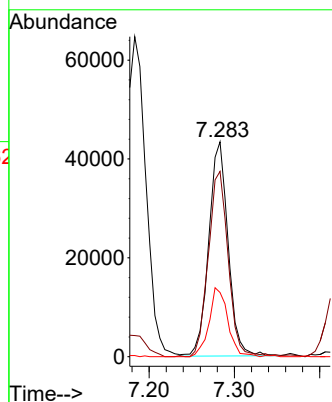
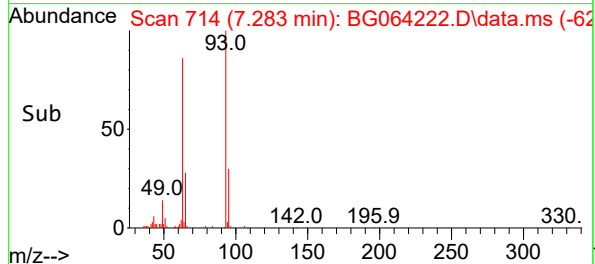
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 93 Resp: 68380
Ion Ratio Lower Upper
93 100
63 86.2 66.2 106.2
95 29.8 9.8 49.8

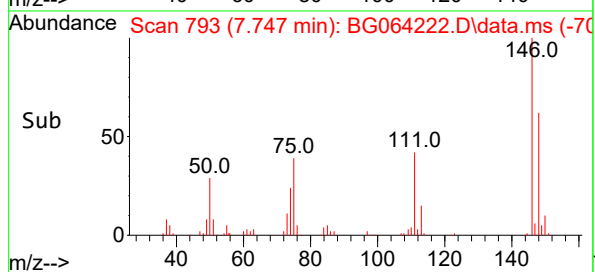
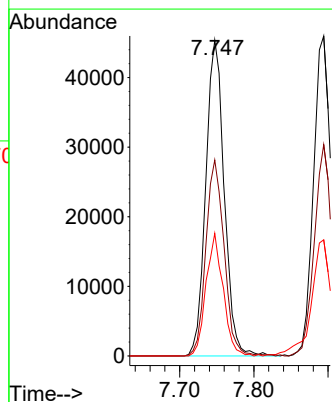
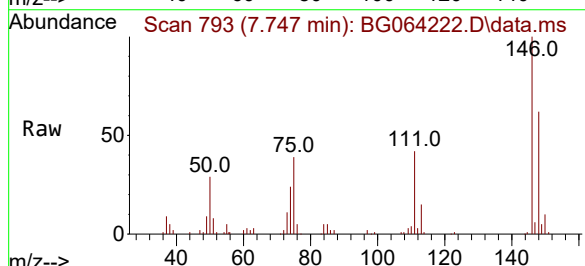
Manual Integrations
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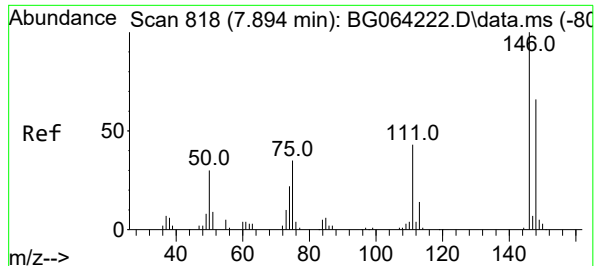
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#12
1,3-Dichlorobenzene
Concen: 40.615 ng
RT: 7.747 min Scan# 793
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:146 Resp: 78542
Ion Ratio Lower Upper
146 100
148 62.0 49.6 74.4
75 38.8 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 40.101 ng

RT: 7.894 min Scan# 818

Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 78264

Ion Ratio Lower Upper

146 100

148 66.0 52.8 79.2

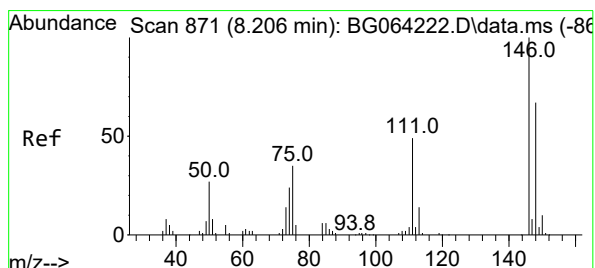
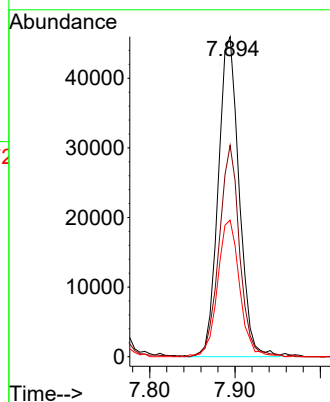
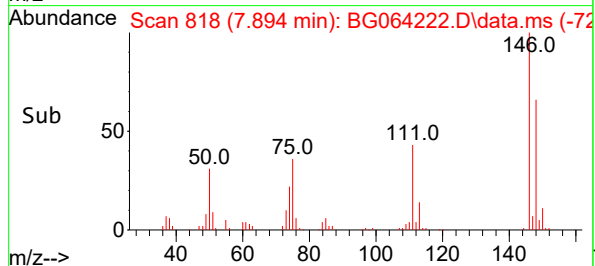
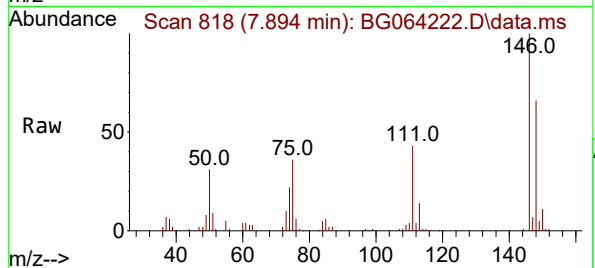
111 42.6 34.1 51.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#14

1,2-Dichlorobenzene

Concen: 39.936 ng

RT: 8.206 min Scan# 871

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

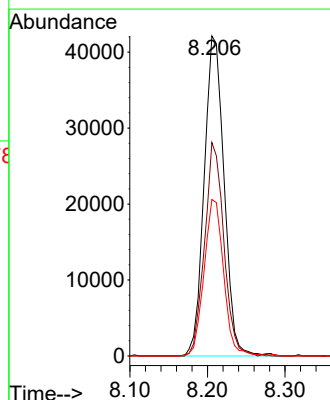
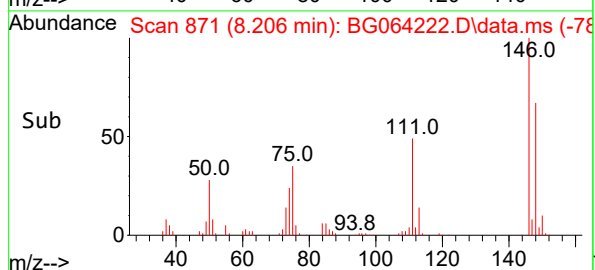
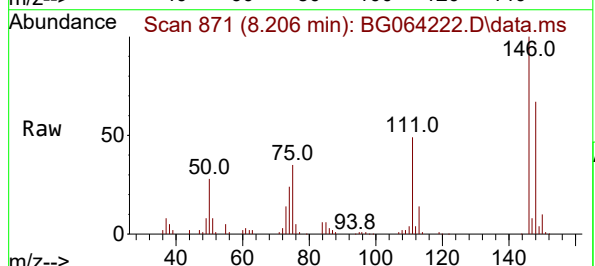
Tgt Ion:146 Resp: 75225

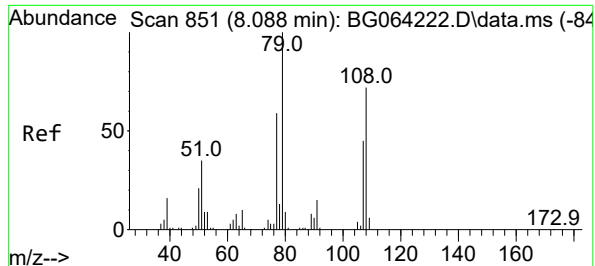
Ion Ratio Lower Upper

146 100

148 66.7 53.4 80.0

111 48.9 39.1 58.7





#15

Benzyl Alcohol

Concen: 40.370 ng

RT: 8.088 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

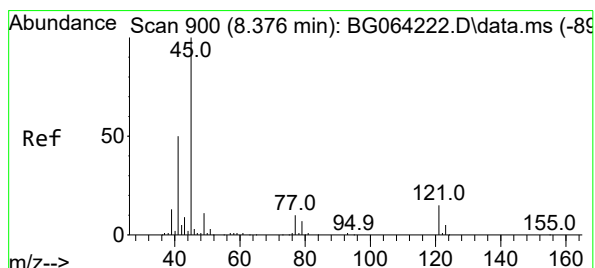
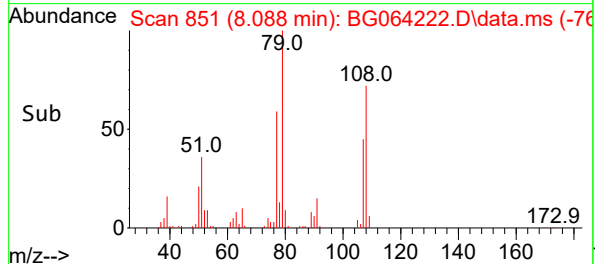
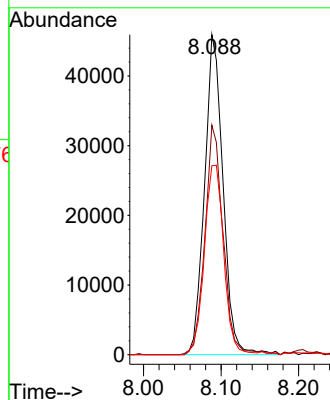
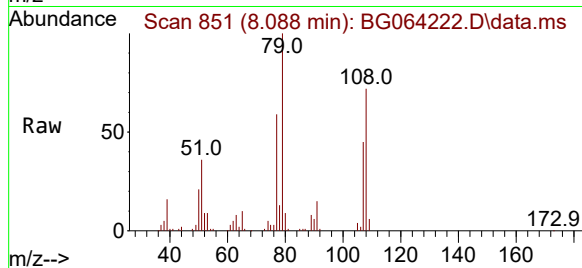
SSTDICCC040

Tgt Ion:	79	Resp:	76134
Ion Ratio	Lower	Upper	
79	100		
108	71.7	57.4	86.0
77	59.0	47.2	70.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.005 ng

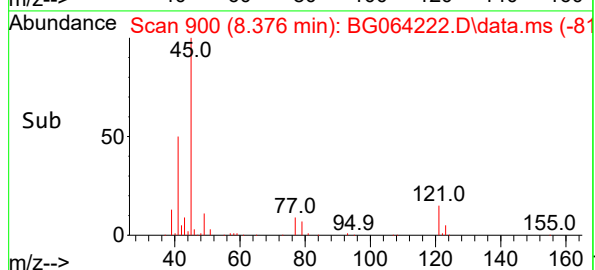
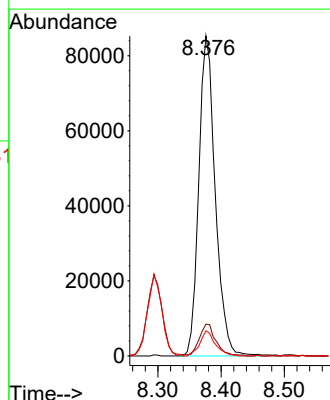
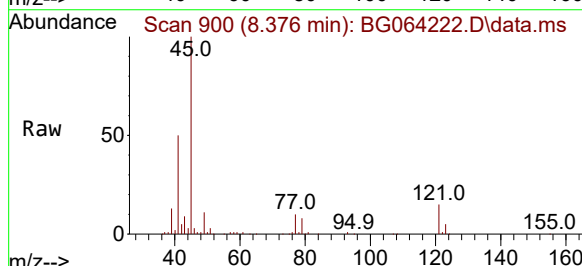
RT: 8.376 min Scan# 900

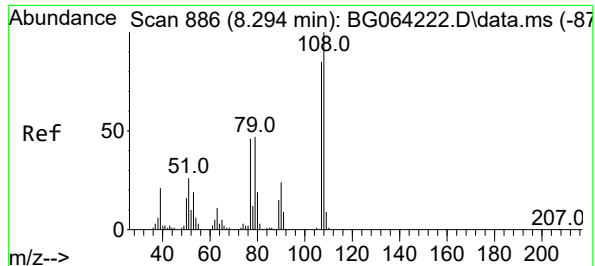
Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Tgt Ion:	45	Resp:	154642
Ion Ratio	Lower	Upper	
45	100		
77	10.0	0.0	30.0
79	7.9	0.0	27.9





#17

2-Methylphenol

Concen: 40.073 ng

RT: 8.294 min Scan# 886

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 6729

Ion Ratio Lower Upper

107 100

108 118.2 94.6 141.8

77 54.6 43.7 65.5

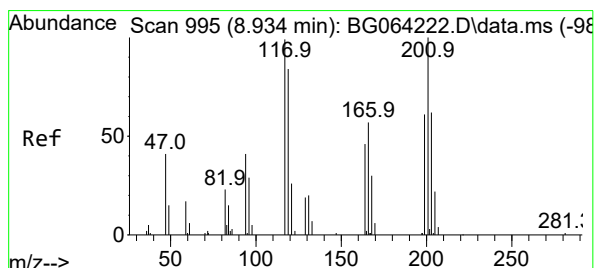
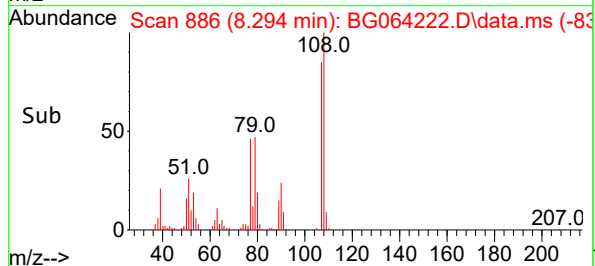
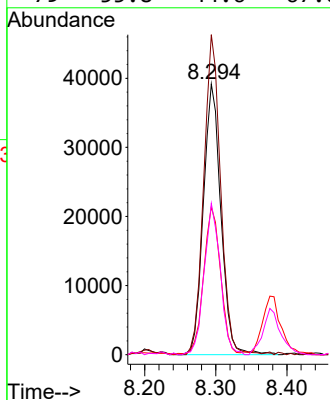
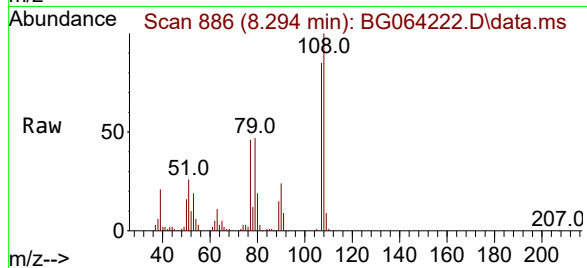
79 55.8 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#18

Hexachloroethane

Concen: 40.841 ng

RT: 8.934 min Scan# 995

Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

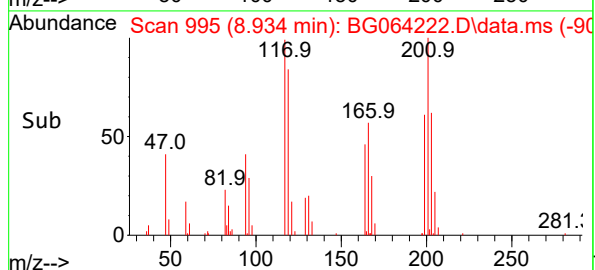
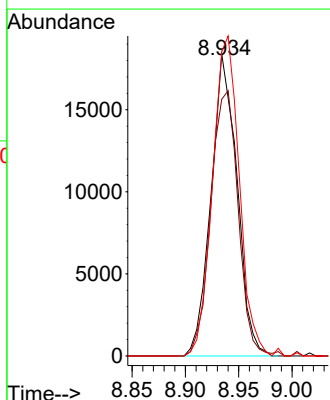
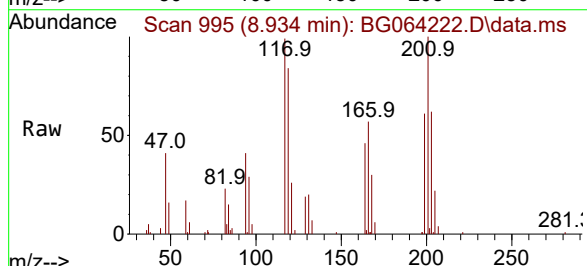
Tgt Ion:117 Resp: 31114

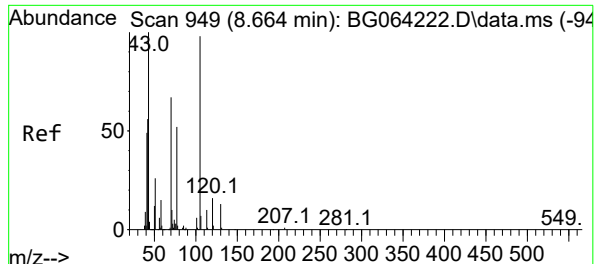
Ion Ratio Lower Upper

117 100

119 84.9 67.9 101.9

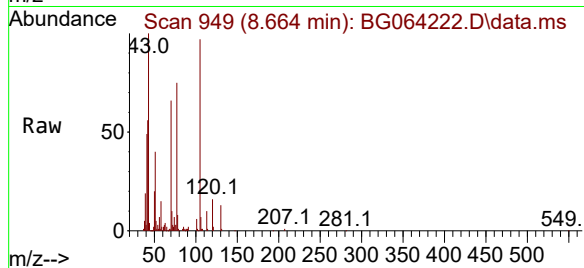
201 100.6 80.5 120.7





#19
n-Nitroso-di-n-propylamine
Concen: 41.049 ng
RT: 8.664 min Scan# 949
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

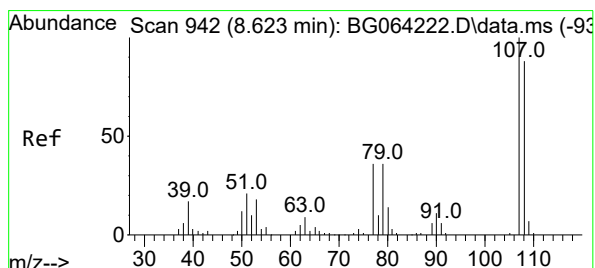
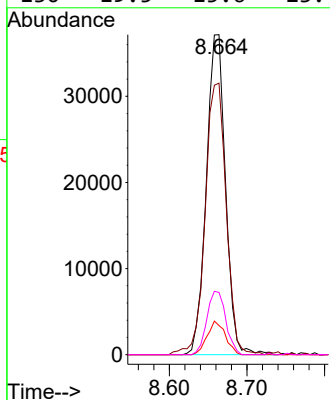
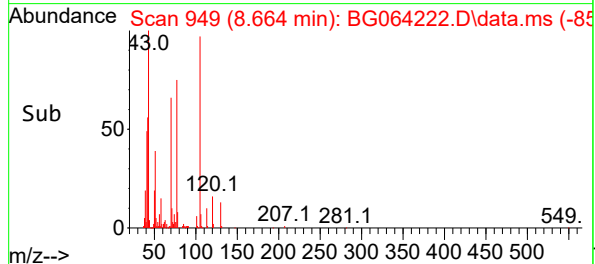
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 70 Resp: 64204
Ion Ratio Lower Upper
70 100
42 84.9 67.9 101.9
101 9.1 7.3 10.9
130 19.5 15.6 23.4

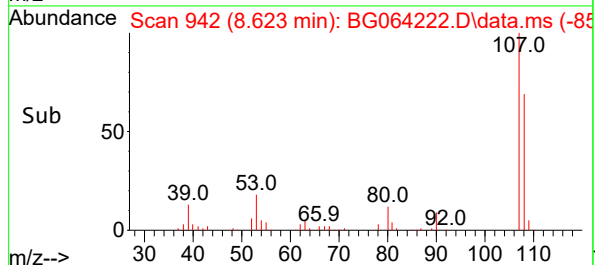
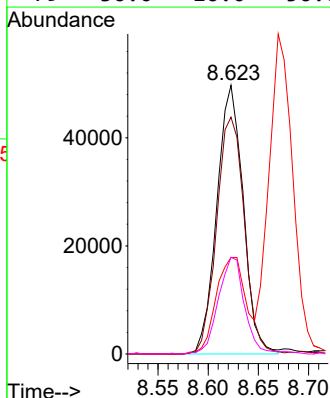
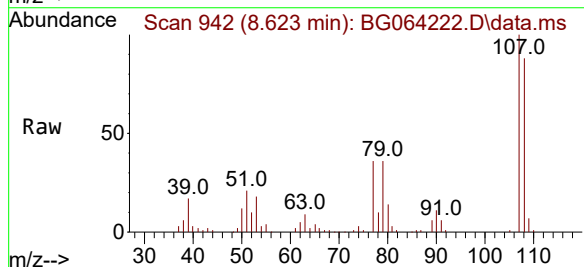
Manual Integrations
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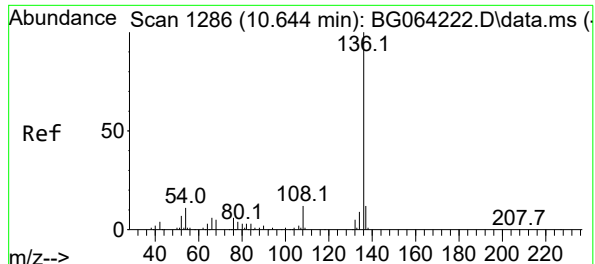
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#20
3+4-Methylphenols
Concen: 38.939 ng
RT: 8.623 min Scan# 942
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

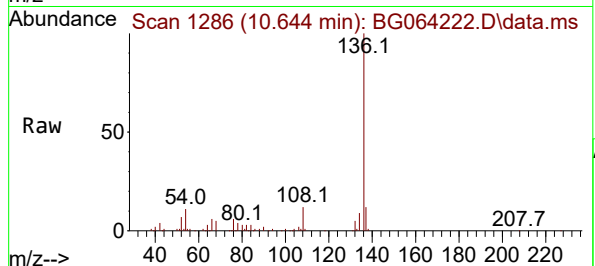
Tgt Ion:107 Resp: 90856
Ion Ratio Lower Upper
107 100
108 88.1 68.1 108.1
77 35.9 15.9 55.9
79 36.0 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

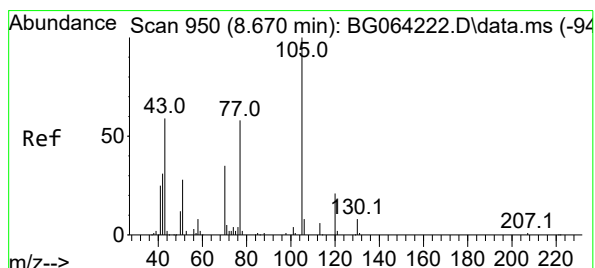
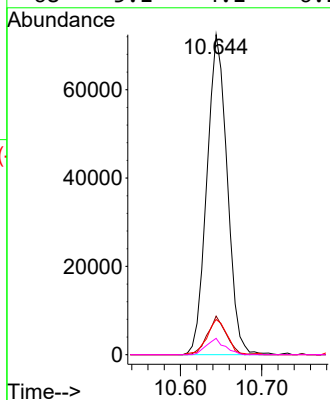
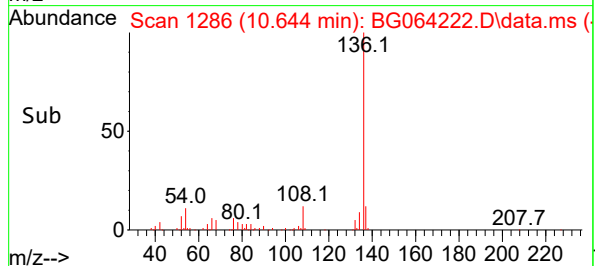
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 126200
Ion Ratio Lower Upper
136 100
137 12.0 9.6 14.4
54 11.0 8.8 13.2
68 5.1 4.1 6.1

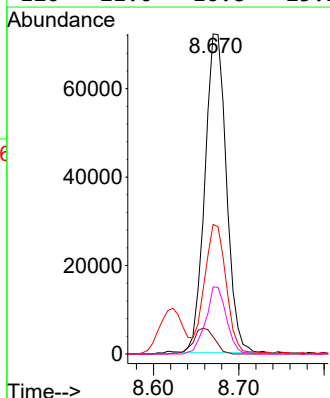
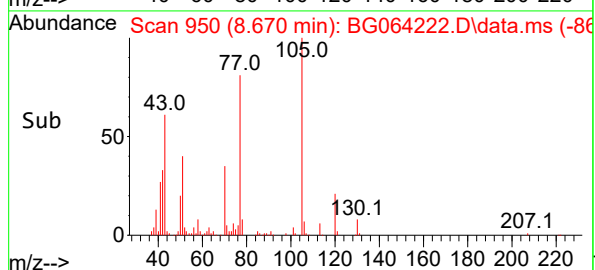
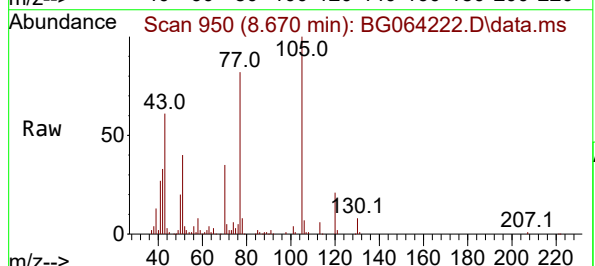
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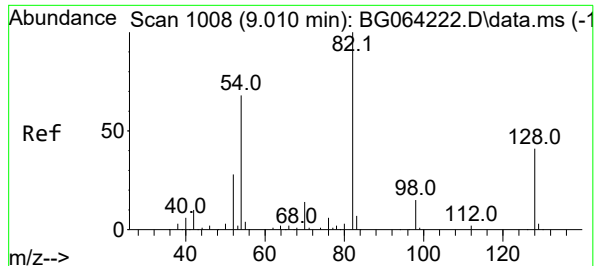
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#22
Acetophenone
Concen: 39.689 ng
RT: 8.670 min Scan# 950
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:105 Resp: 126717
Ion Ratio Lower Upper
105 100
71 5.4 4.3 6.5
51 40.5 32.4 48.6
120 21.0 16.8 25.2





#23

Nitrobenzene-d5

Concen: 81.509 ng

RT: 9.010 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 18444

Ion Ratio Lower Upper

82 100

128 40.7 32.6 48.8

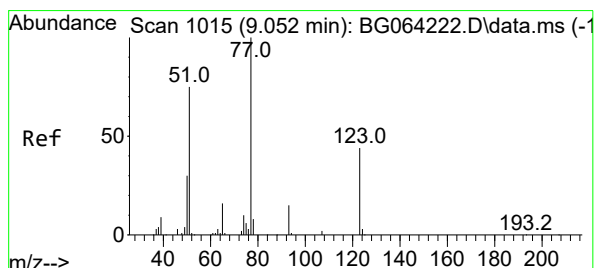
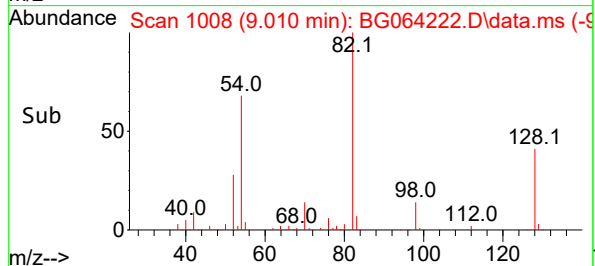
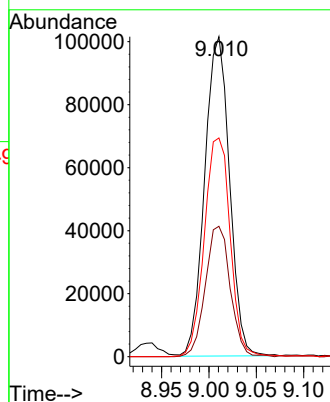
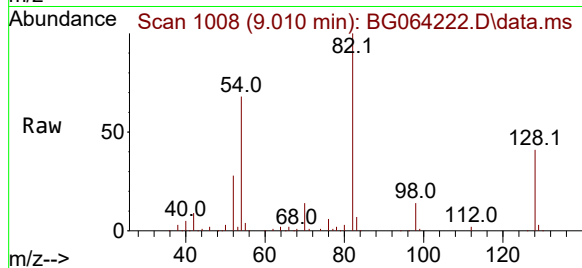
54 68.4 54.7 82.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#24

Nitrobenzene

Concen: 41.447 ng

RT: 9.052 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

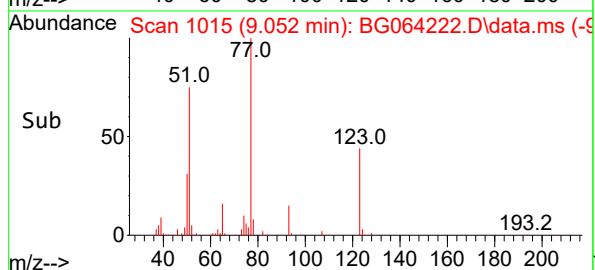
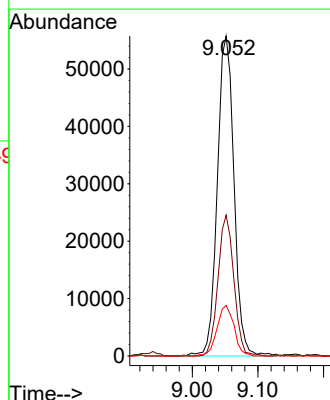
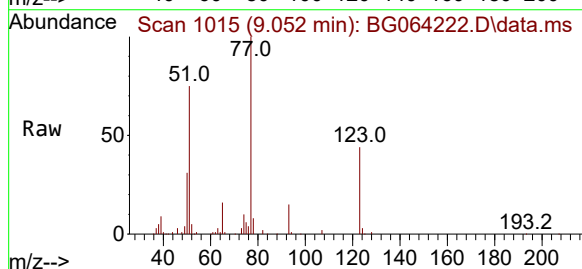
Tgt Ion: 77 Resp: 97991

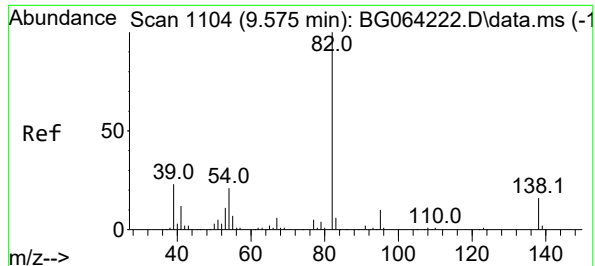
Ion Ratio Lower Upper

77 100

123 44.0 35.2 52.8

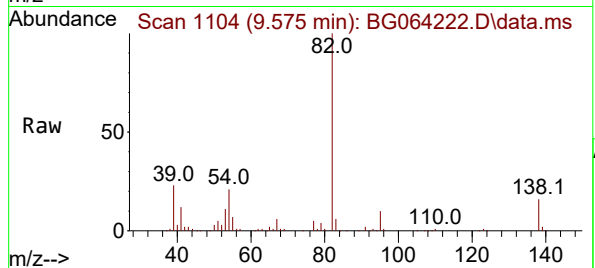
65 15.8 12.6 19.0





#25
Isophorone
Concen: 40.142 ng
RT: 9.575 min Scan# 1104
Delta R.T. -0.012 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

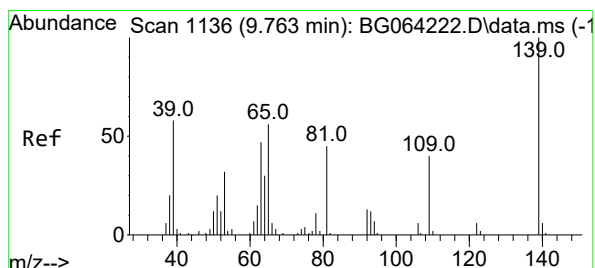
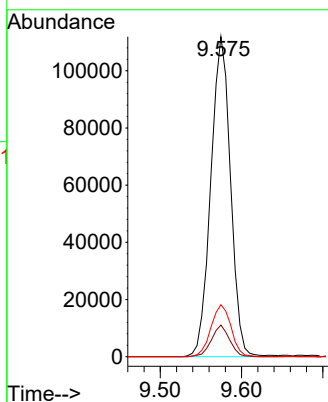
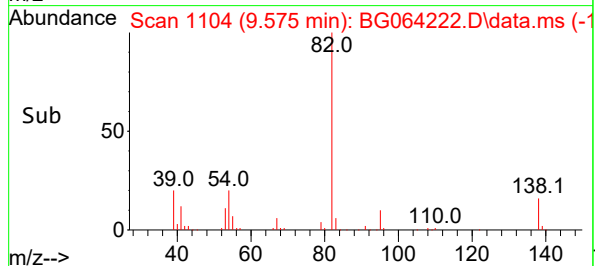
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 82 Resp: 188784
Ion Ratio Lower Upper
82 100
95 9.9 7.9 11.9
138 16.2 13.0 19.4

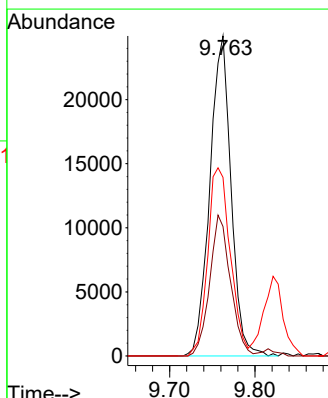
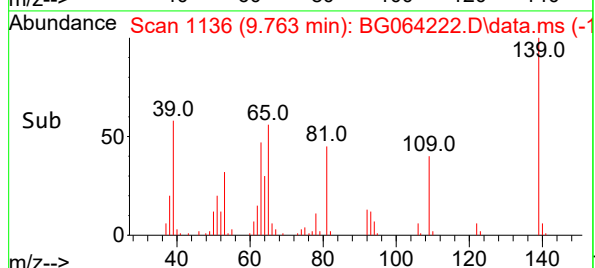
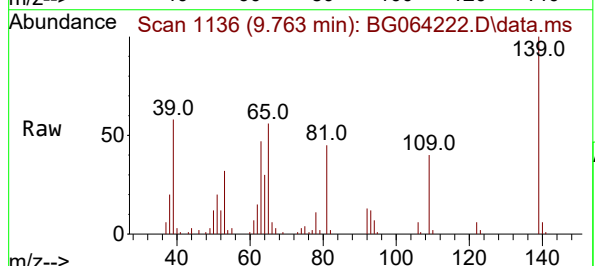
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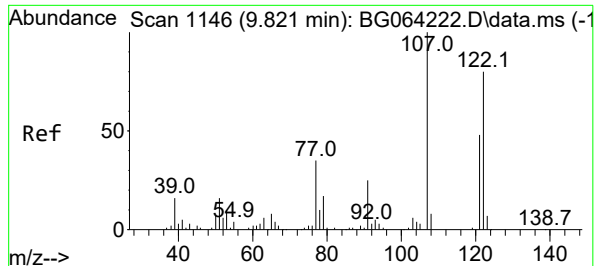
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#26
2-Nitrophenol
Concen: 42.309 ng
RT: 9.763 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:139 Resp: 43222
Ion Ratio Lower Upper
139 100
109 40.5 32.4 48.6
65 55.8 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 41.756 ng

RT: 9.821 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:122 Resp: 7489

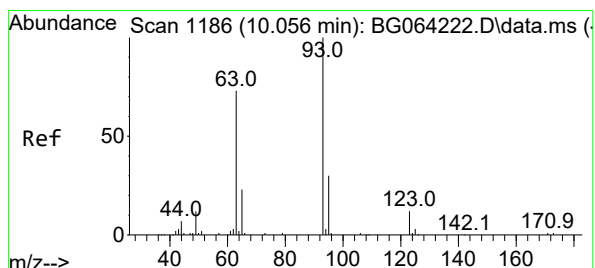
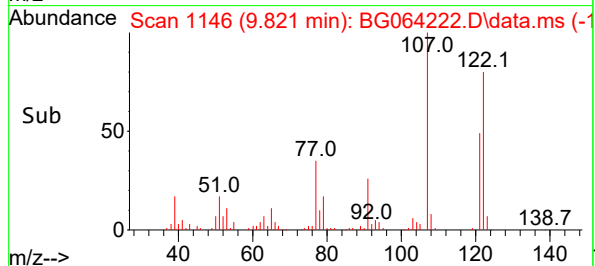
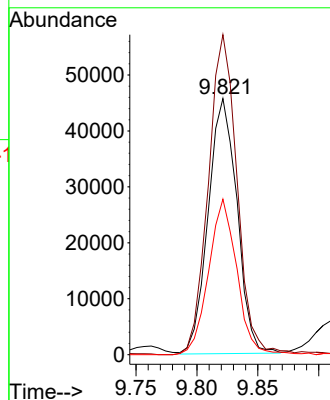
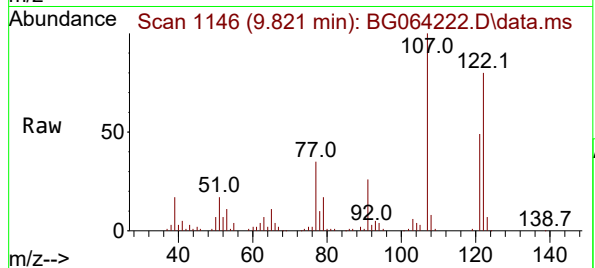
Ion	Ratio	Lower	Upper
122	100		
107	124.9	99.9	149.9
121	60.7	48.6	72.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#28

bis(2-Chloroethoxy)methane

Concen: 41.188 ng

RT: 10.056 min Scan# 1186

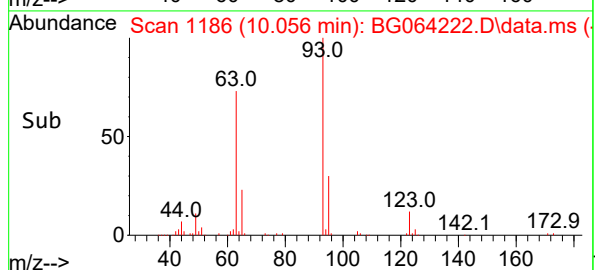
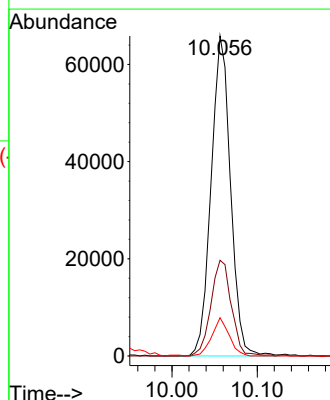
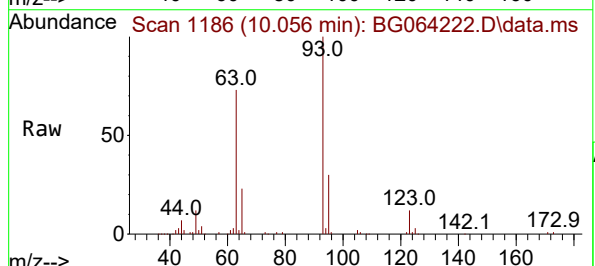
Delta R.T. -0.006 min

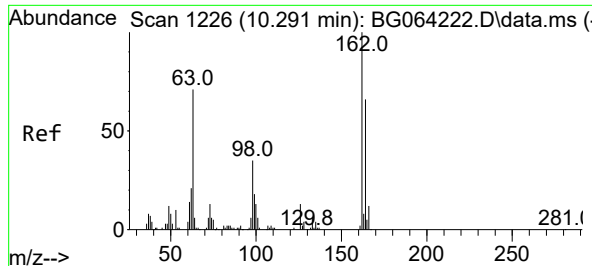
Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Tgt Ion: 93 Resp: 104447

Ion	Ratio	Lower	Upper
93	100		
95	29.9	23.9	35.9
123	12.0	9.6	14.4





#29

2,4-Dichlorophenol

Concen: 41.290 ng

RT: 10.291 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 78139

Ion Ratio Lower Upper

162 100

164 65.8 45.8 85.8

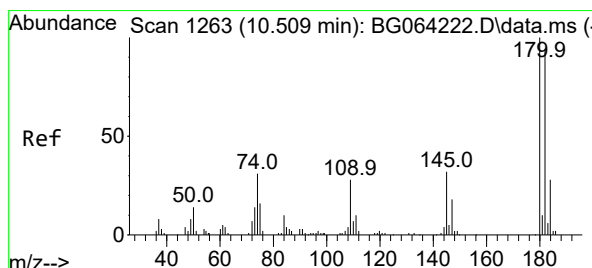
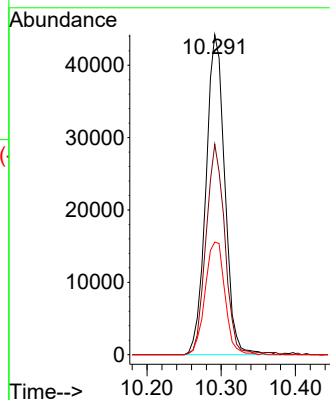
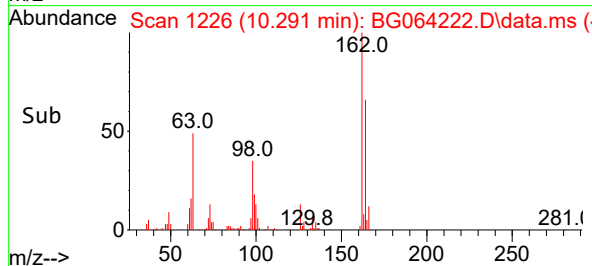
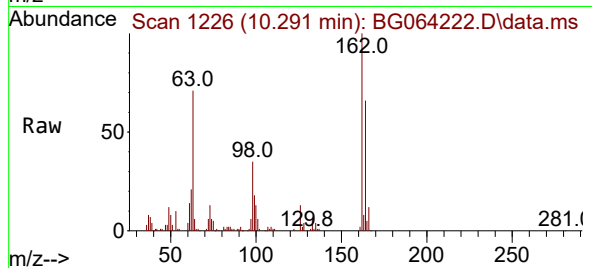
98 35.2 15.2 55.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#30

1,2,4-Trichlorobenzene

Concen: 40.344 ng

RT: 10.509 min Scan# 1263

Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

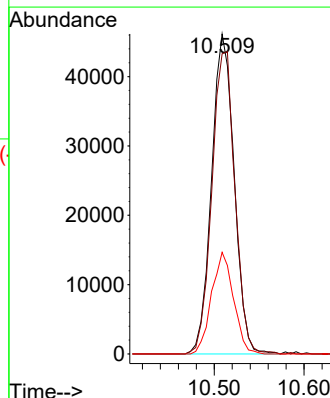
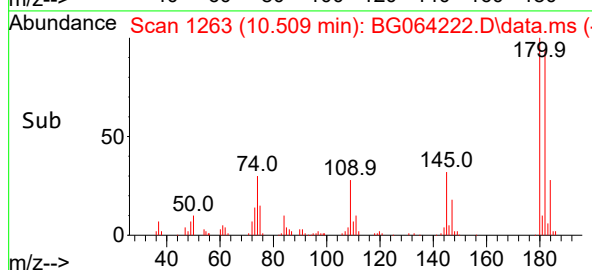
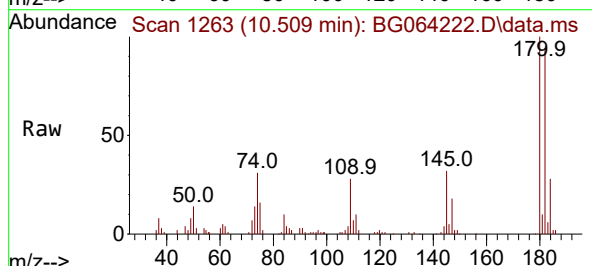
Tgt Ion:180 Resp: 80502

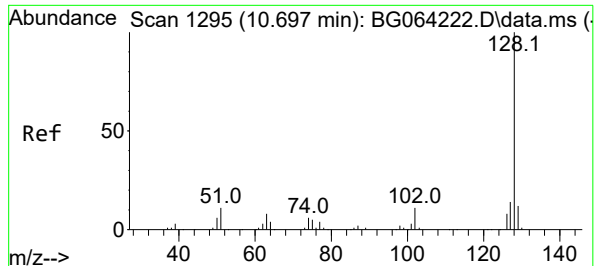
Ion Ratio Lower Upper

180 100

182 93.8 75.0 112.6

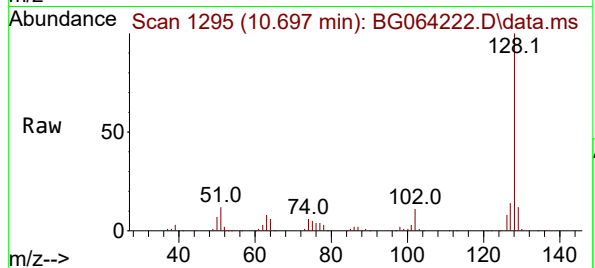
145 31.7 25.4 38.0





#31
Naphthalene
Concen: 39.944 ng
RT: 10.697 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

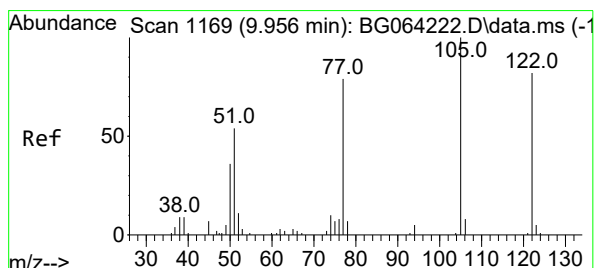
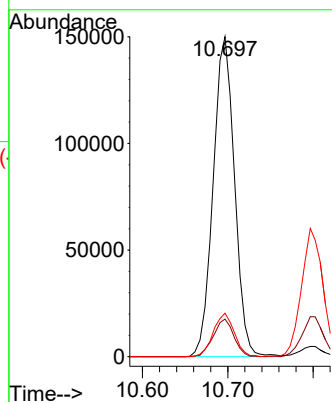
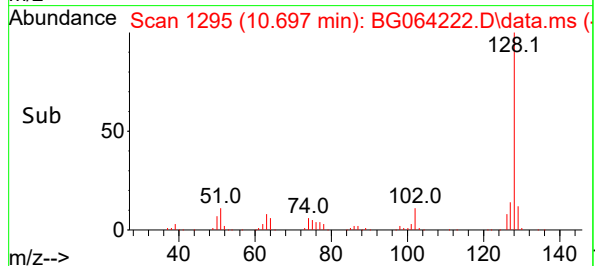
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 261400
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 13.6 10.9 16.3

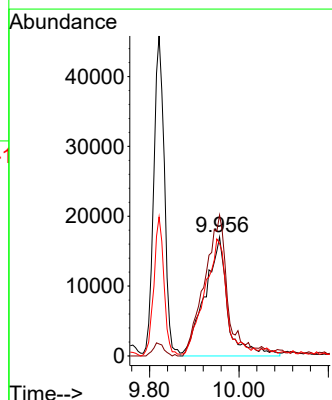
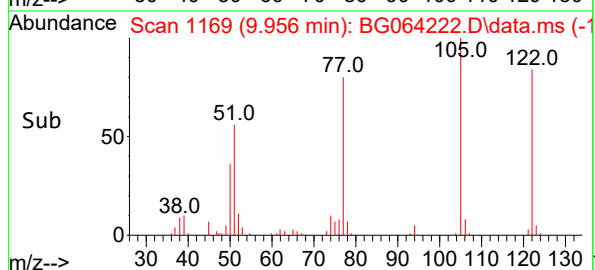
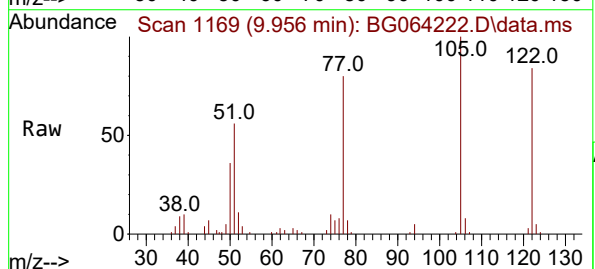
Manual Integrations
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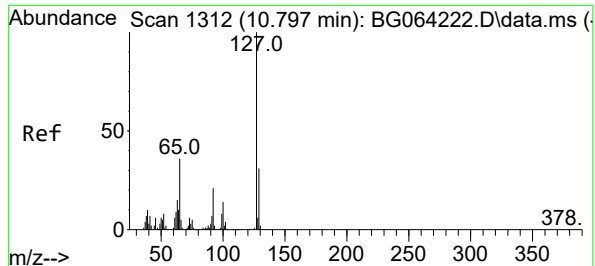
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#32
Benzoic acid
Concen: 42.471 ng m
RT: 9.956 min Scan# 1169
Delta R.T. -0.059 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

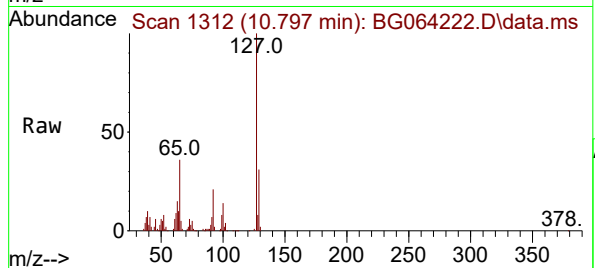
Tgt Ion:122 Resp: 60467
Ion Ratio Lower Upper
122 100
105 118.5 98.5 138.5
77 94.6 74.6 114.6





#33
4-Chloroaniline
Concen: 41.854 ng
RT: 10.797 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

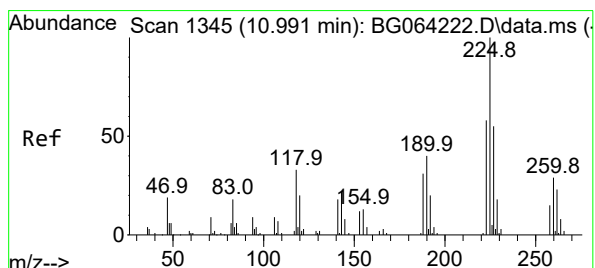
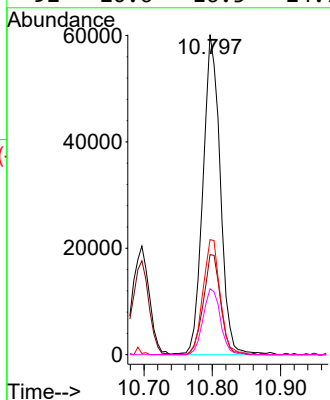
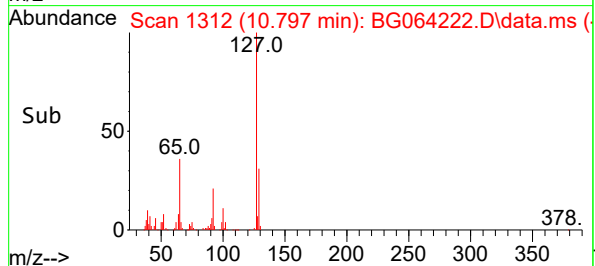
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



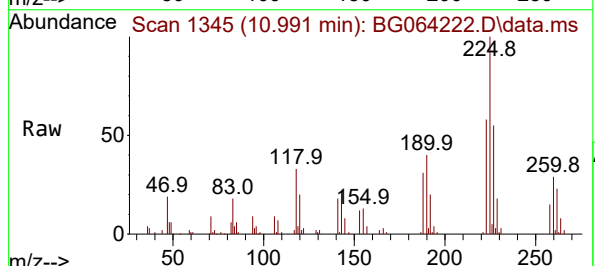
Tgt Ion:127 Resp: 10615
Ion Ratio Lower Upper
127 100
129 31.2 25.0 37.4
65 35.9 28.7 43.1
92 20.6 16.5 24.7

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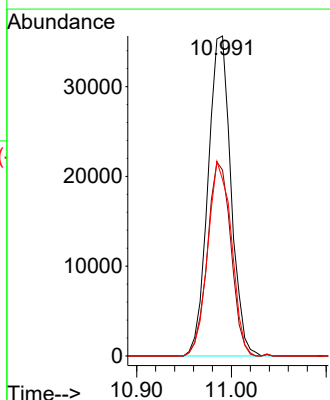
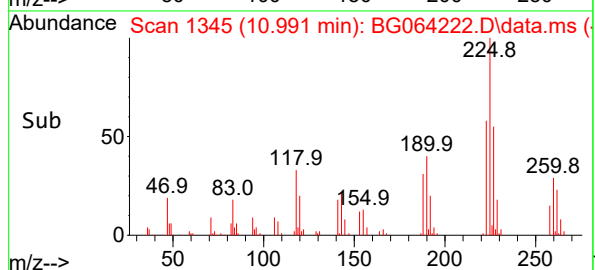
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

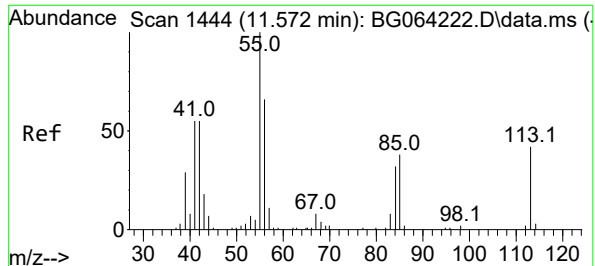


#34
Hexachlorobutadiene
Concen: 40.612 ng
RT: 10.991 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33



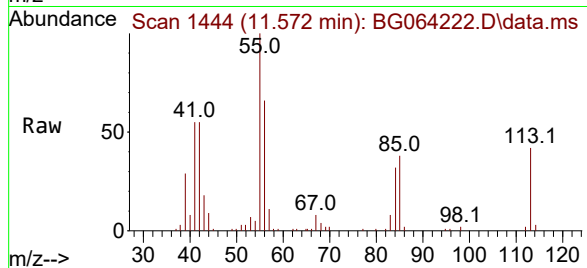
Tgt Ion:225 Resp: 59902
Ion Ratio Lower Upper
225 100
223 58.1 46.5 69.7
227 55.1 44.1 66.1





#35
Caprolactam
Concen: 42.513 ng
RT: 11.572 min Scan# 1444
Delta R.T. -0.030 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

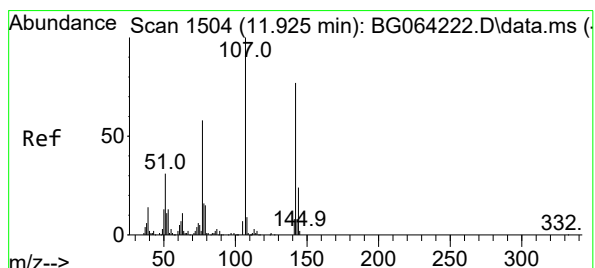
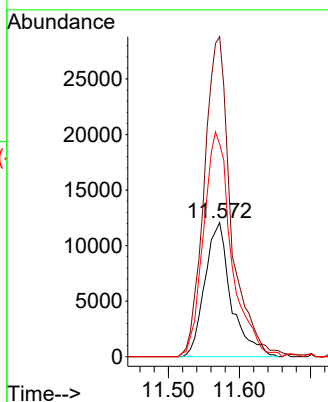
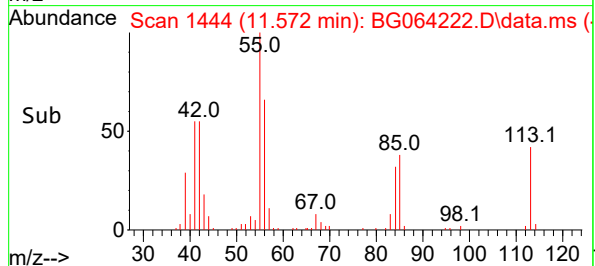
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:113 Resp: 31152
Ion Ratio Lower Upper
113 100
55 238.5 218.5 258.5
56 158.5 138.5 178.5

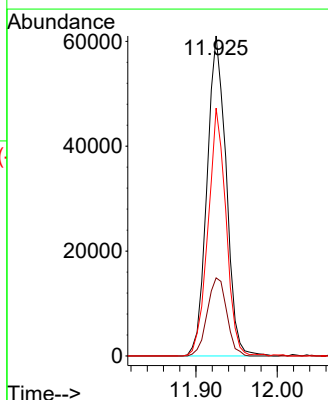
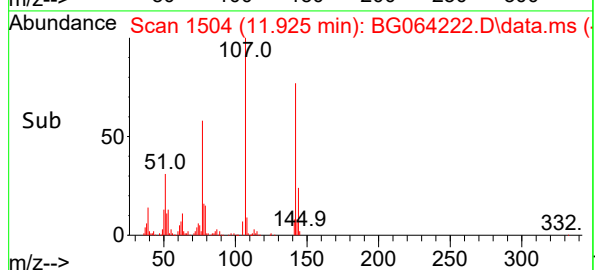
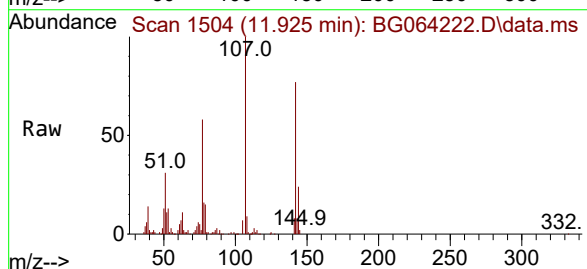
Manual Integrations
APPROVED

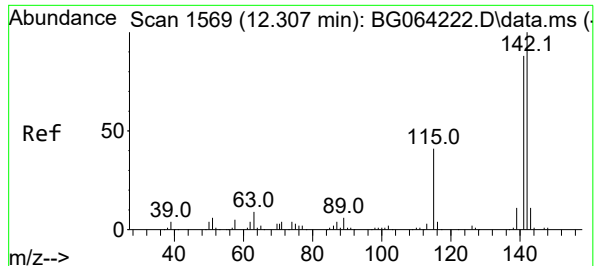
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#36
4-Chloro-3-methylphenol
Concen: 40.634 ng
RT: 11.925 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

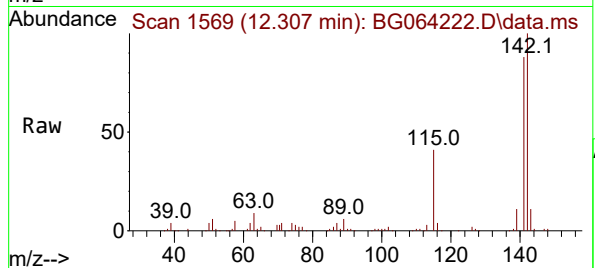
Tgt Ion:107 Resp: 99772
Ion Ratio Lower Upper
107 100
144 24.4 19.5 29.3
142 77.5 62.0 93.0





#37
2-Methylnaphthalene
Concen: 40.881 ng
RT: 12.307 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

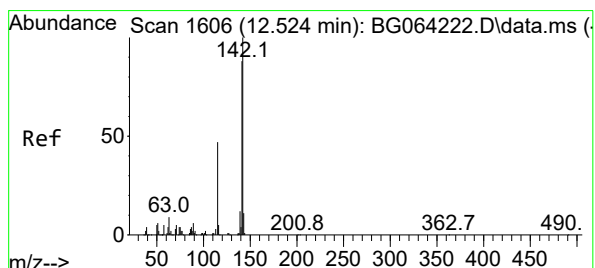
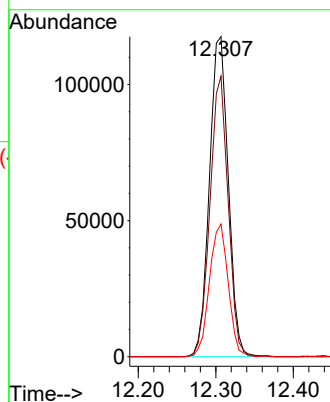
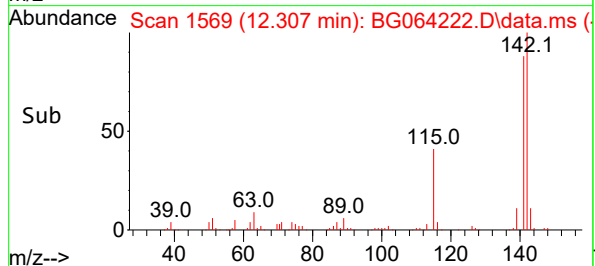
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:142 Resp: 19885
Ion Ratio Lower Upper
142 100
141 87.6 70.1 105.1
115 41.4 33.1 49.7

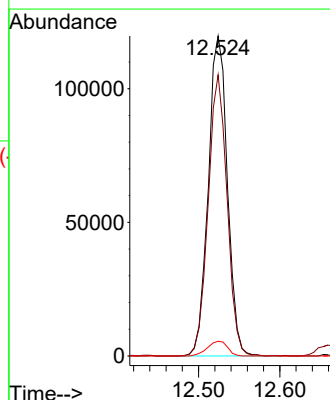
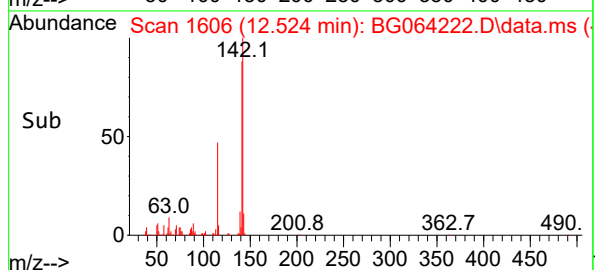
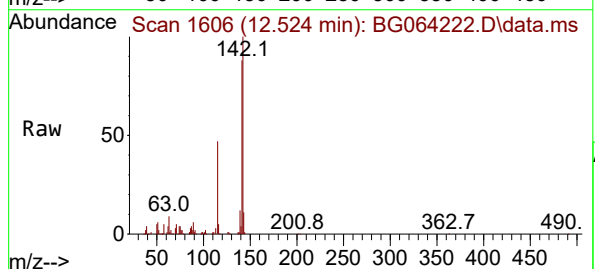
Manual Integrations
APPROVED

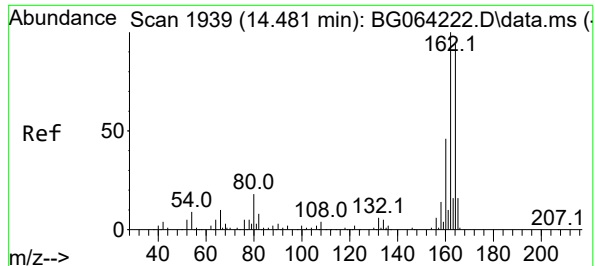
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#38
1-Methylnaphthalene
Concen: 40.750 ng
RT: 12.524 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:142 Resp: 195785
Ion Ratio Lower Upper
142 100
141 87.9 70.3 105.5
116 4.6 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.481 min Scan# 1939

Delta R.T. -0.000 min

Lab File: BG064222.D

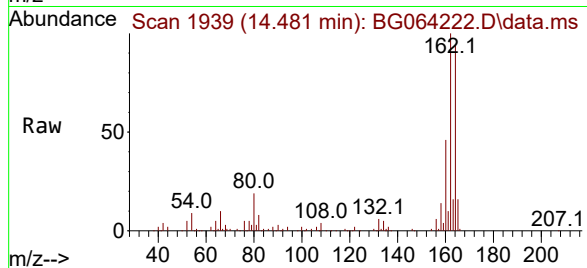
Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040



Tgt Ion:164 Resp: 9006

Ion Ratio Lower Upper

164 100

162 106.7 85.4 128.0

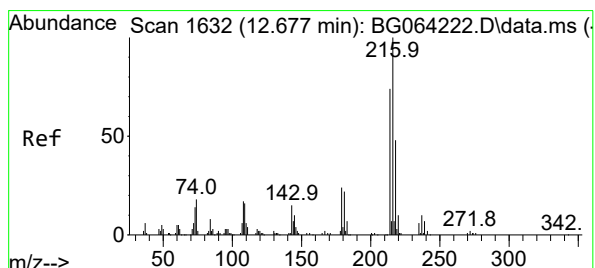
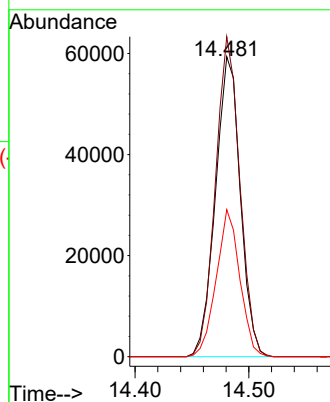
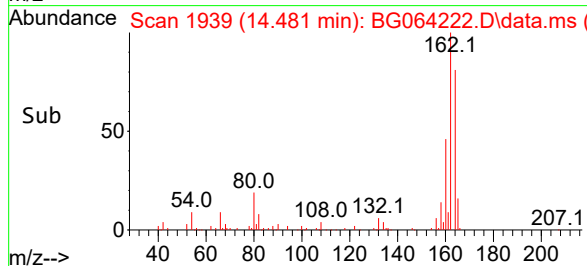
160 49.0 39.2 58.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.372 ng

RT: 12.677 min Scan# 1632

Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Tgt Ion:216 Resp: 104909

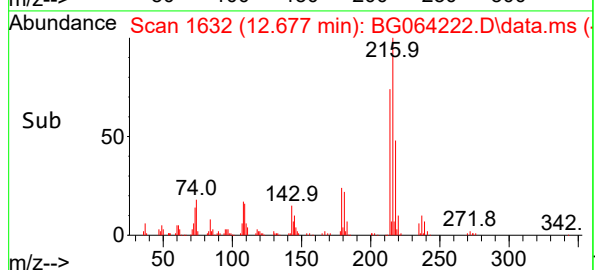
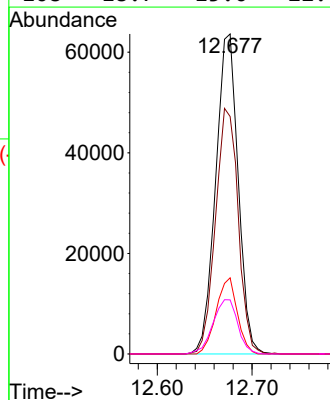
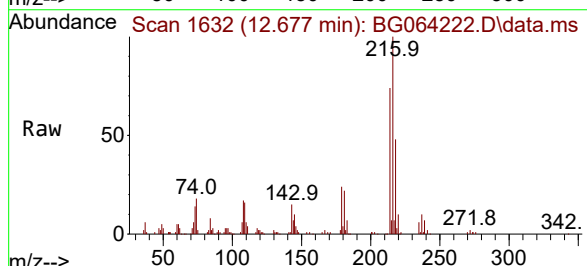
Ion Ratio Lower Upper

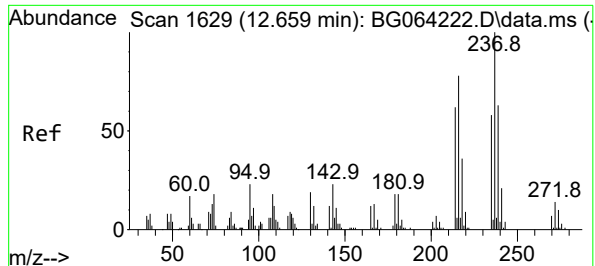
216 100

214 77.4 61.9 92.9

179 22.4 17.9 26.9

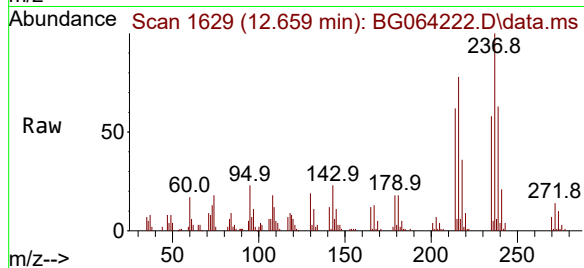
108 18.7 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 40.092 ng
RT: 12.659 min Scan# 1629
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

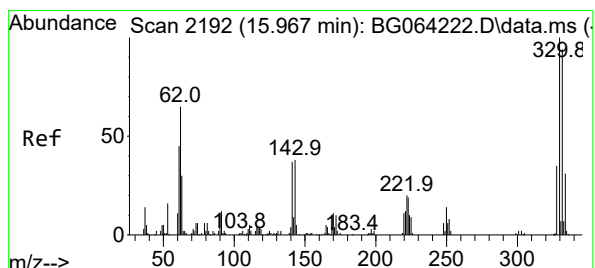
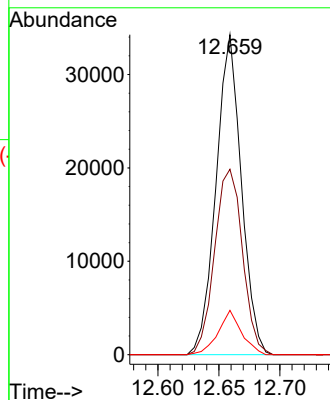
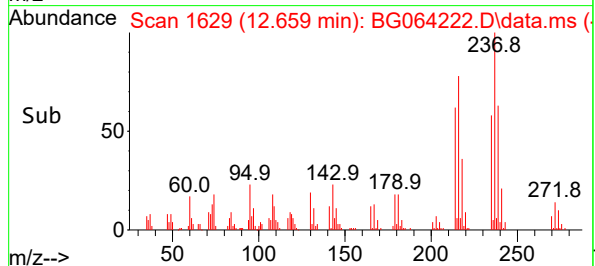
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



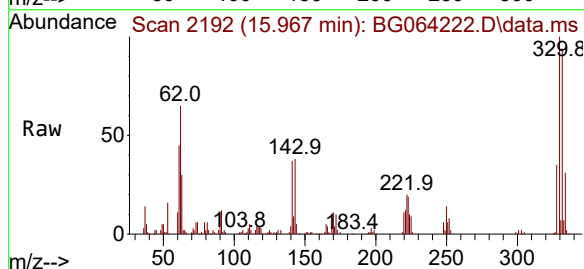
Tgt Ion: 237 Resp: 49514
Ion Ratio Lower Upper
237 100
235 57.9 37.9 77.9
272 13.8 0.0 33.8

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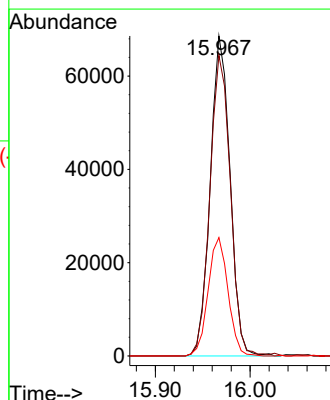
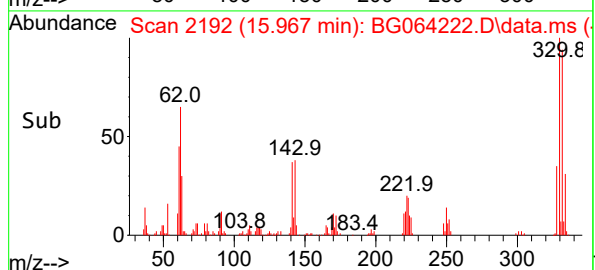
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

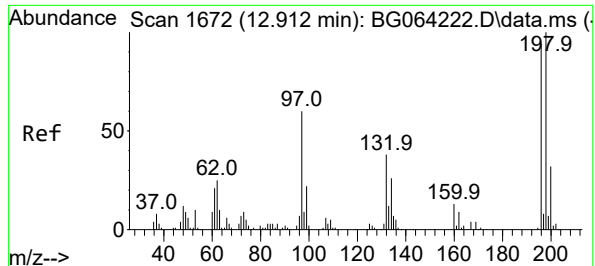


#42
2,4,6-Tribromophenol
Concen: 83.399 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33



Tgt Ion: 330 Resp: 99487
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 37.2 29.8 44.6





#43

2,4,6-Trichlorophenol

Concen: 41.108 ng

RT: 12.912 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BG064222.D

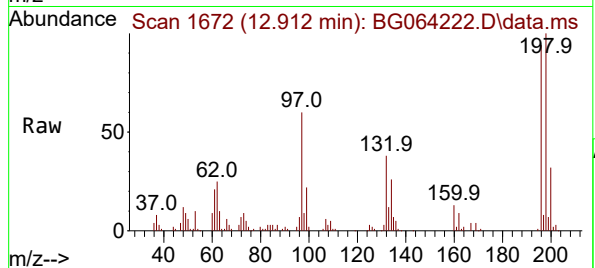
Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040



Tgt Ion:196 Resp: 71398

Ion Ratio Lower Upper

196 100

198 106.8 85.4 128.2

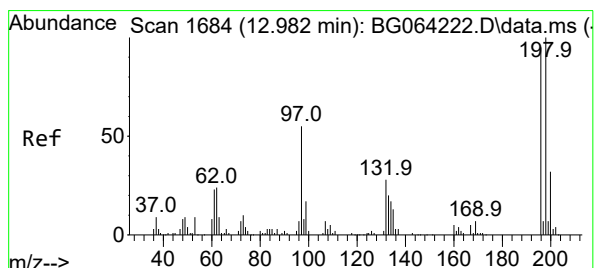
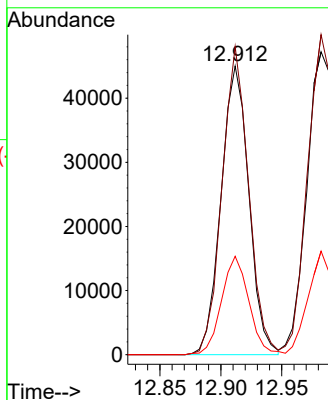
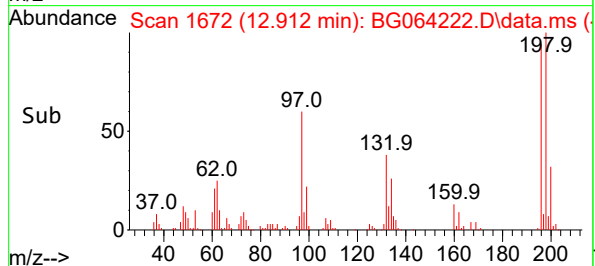
200 34.1 27.3 40.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#44

2,4,5-Trichlorophenol

Concen: 41.387 ng

RT: 12.982 min Scan# 1684

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Tgt Ion:196 Resp: 77976

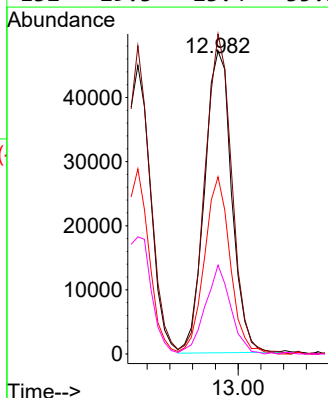
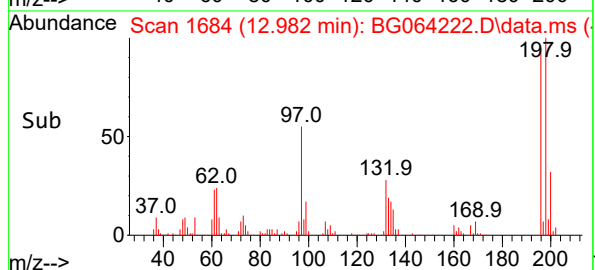
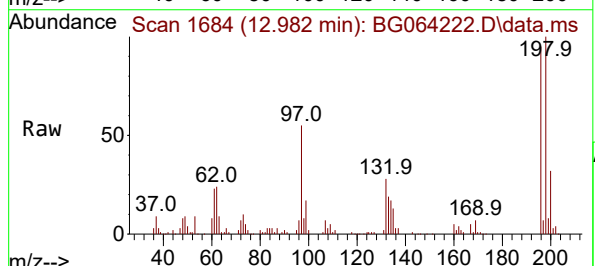
Ion Ratio Lower Upper

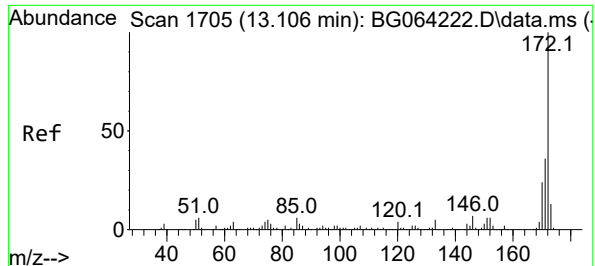
196 100

198 105.6 84.5 126.7

97 58.5 46.8 70.2

132 29.3 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 81.088 ng

RT: 13.106 min Scan# 1705

Delta R.T. -0.006 min

Lab File: BG064222.D

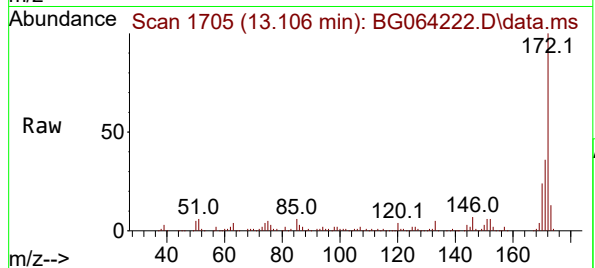
Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040



Tgt Ion:172 Resp: 478450

Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

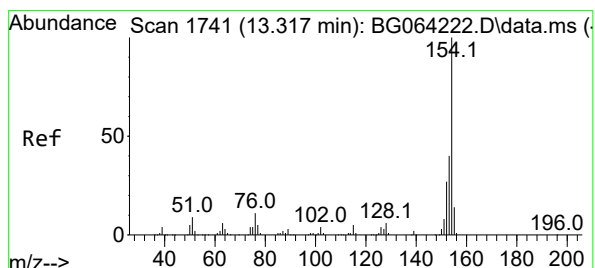
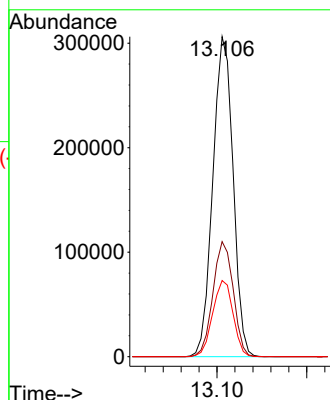
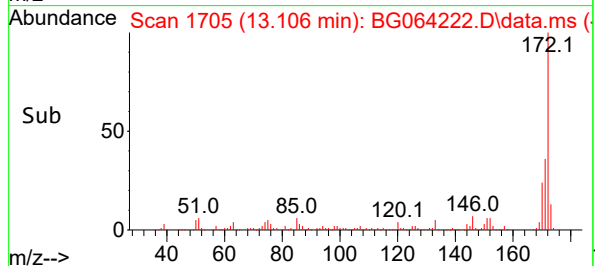
170 23.8 19.0 28.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#46

1,1'-Biphenyl

Concen: 41.038 ng

RT: 13.317 min Scan# 1741

Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

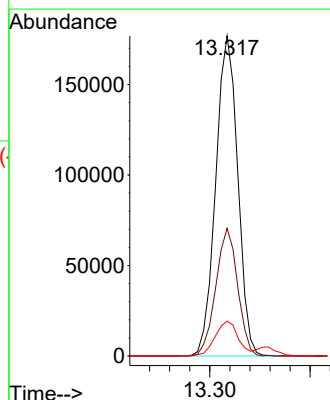
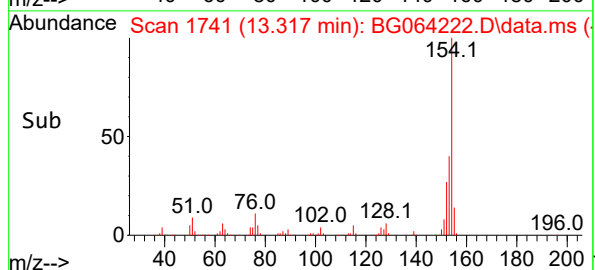
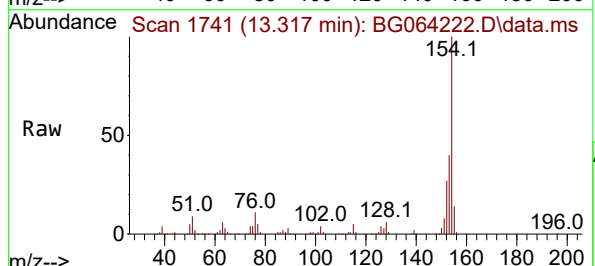
Tgt Ion:154 Resp: 269191

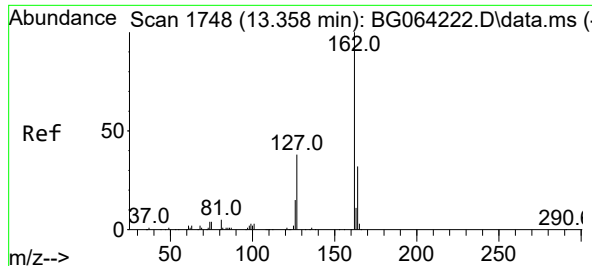
Ion Ratio Lower Upper

154 100

153 39.9 19.9 59.9

76 10.9 0.0 30.9





#47

2-Chloronaphthalene

Concen: 40.640 ng

RT: 13.358 min Scan# 1748

Delta R.T. -0.000 min

Lab File: BG064222.D

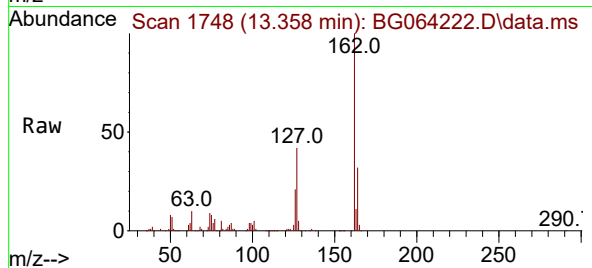
Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040



Tgt Ion:162 Resp: 20041

Ion Ratio Lower Upper

162 100

127 42.4 33.9 50.9

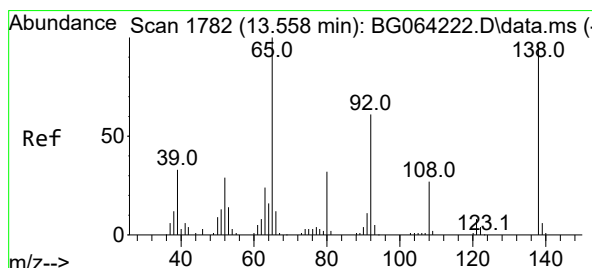
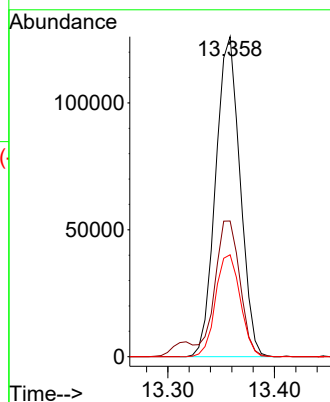
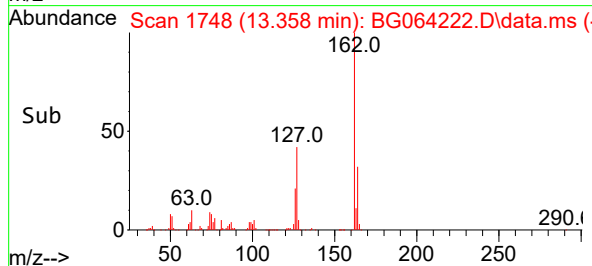
164 31.8 25.4 38.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#48

2-Nitroaniline

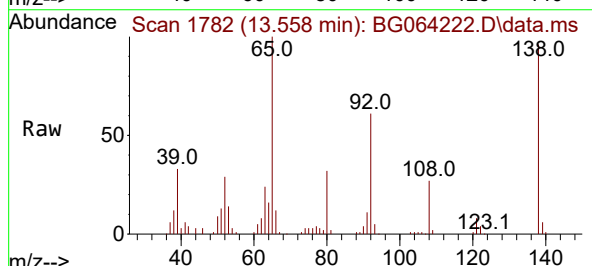
Concen: 43.916 ng

RT: 13.558 min Scan# 1782

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33



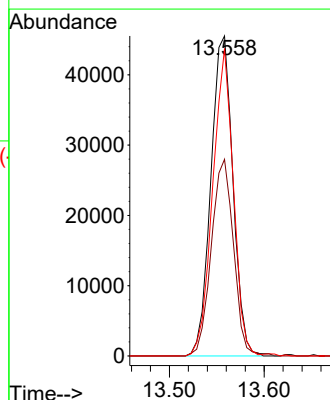
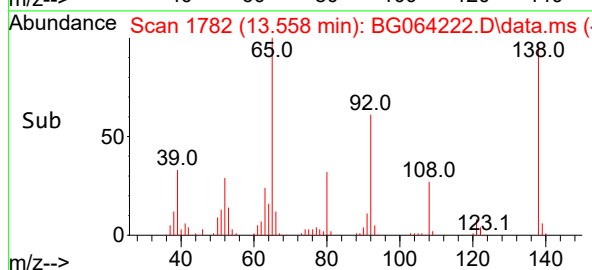
Tgt Ion: 65 Resp: 73815

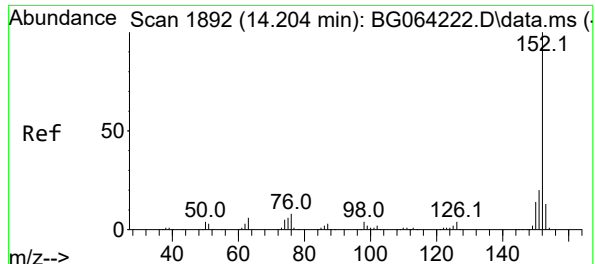
Ion Ratio Lower Upper

65 100

92 61.5 49.2 73.8

138 96.0 76.8 115.2





#49

Acenaphthylene

Concen: 41.396 ng

RT: 14.204 min Scan# 1892

Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:152 Resp: 30177

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

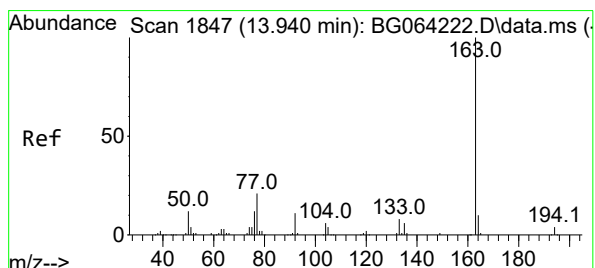
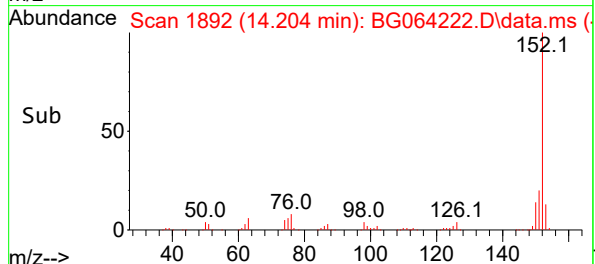
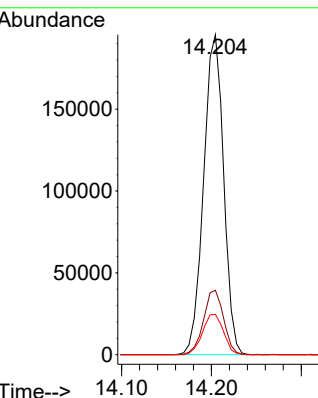
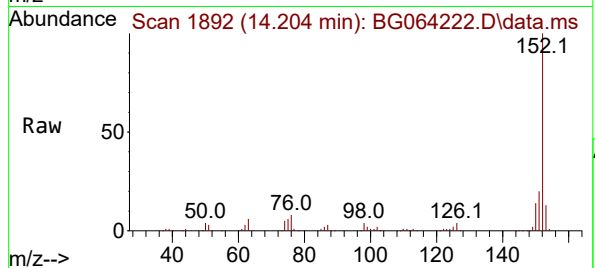
153 12.6 10.1 15.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#50

Dimethylphthalate

Concen: 41.075 ng

RT: 13.940 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

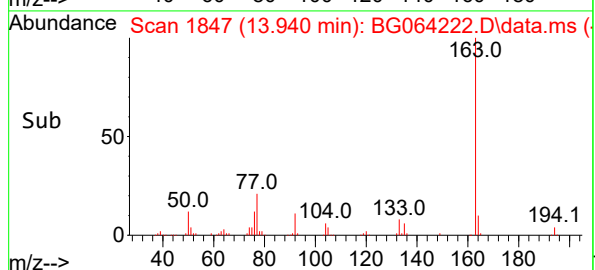
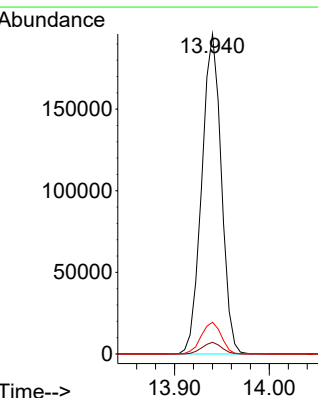
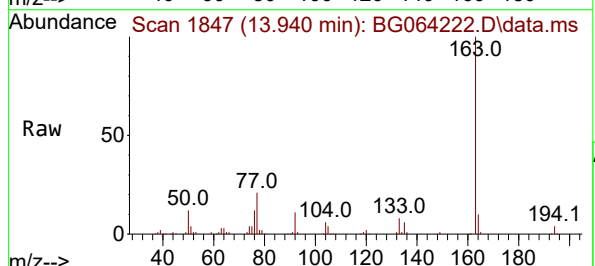
Tgt Ion:163 Resp: 280002

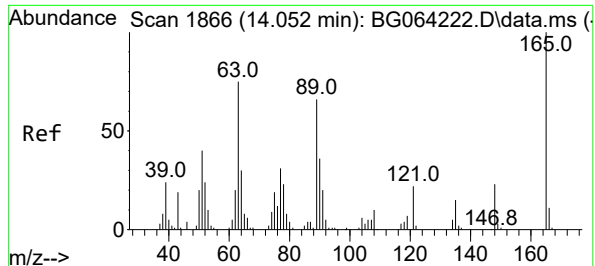
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

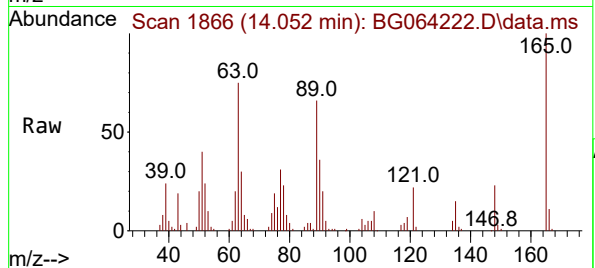
164 9.9 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 43.975 ng
RT: 14.052 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

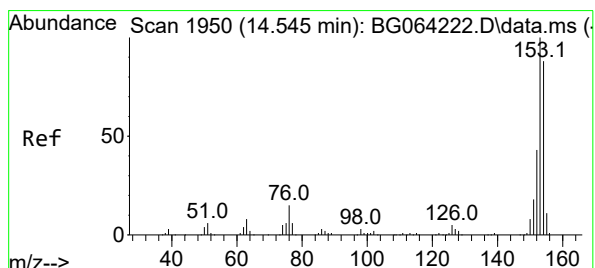
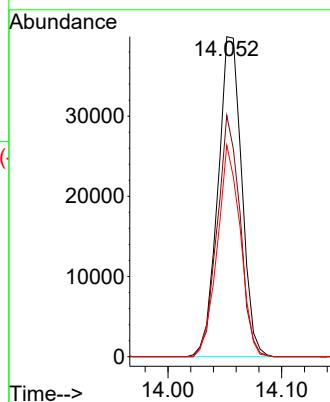
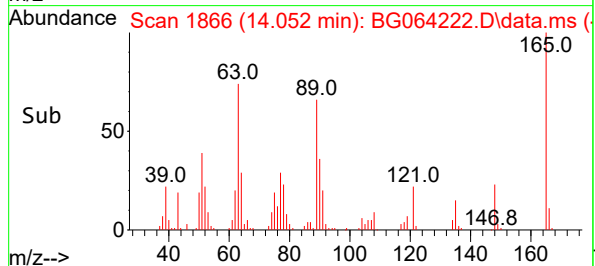
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 58034
Ion Ratio Lower Upper
165 100
63 75.4 60.3 90.5
89 66.1 52.9 79.3

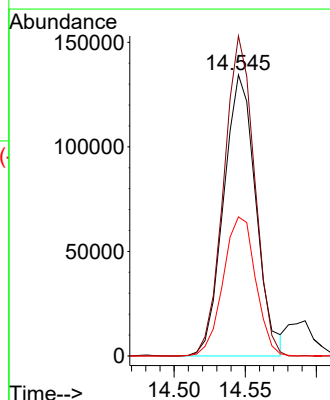
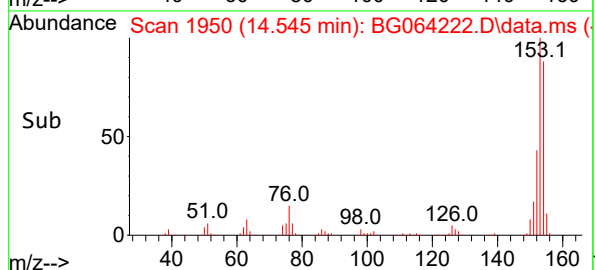
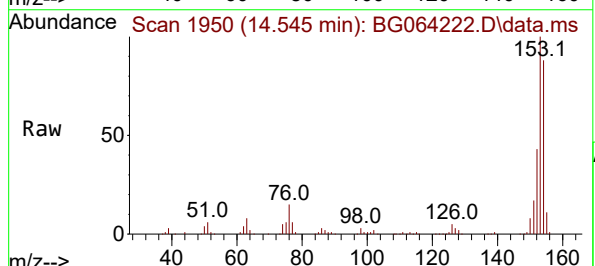
Manual Integrations
APPROVED

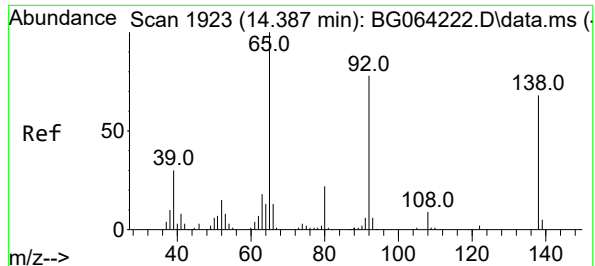
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#52
Acenaphthene
Concen: 41.230 ng
RT: 14.545 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

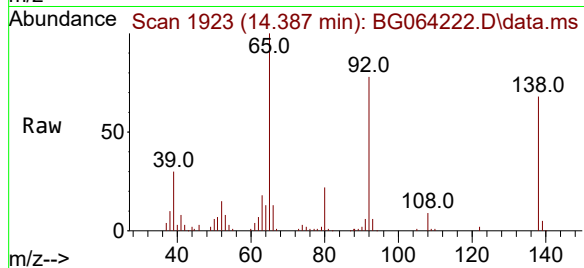
Tgt Ion:154 Resp: 212105
Ion Ratio Lower Upper
154 100
153 113.9 91.1 136.7
152 49.5 39.6 59.4





#53
3-Nitroaniline
Concen: 43.085 ng
RT: 14.387 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

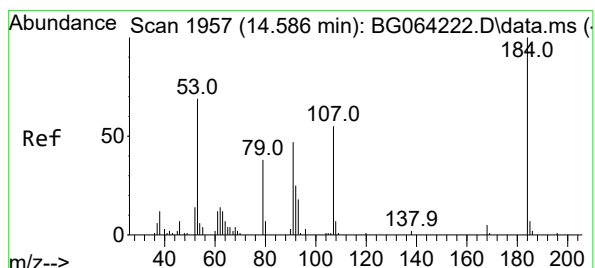
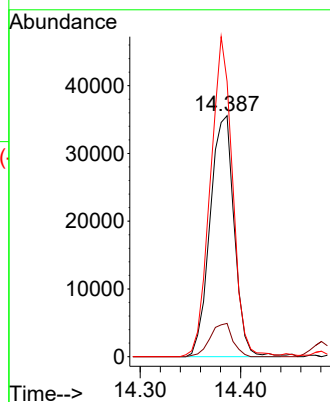
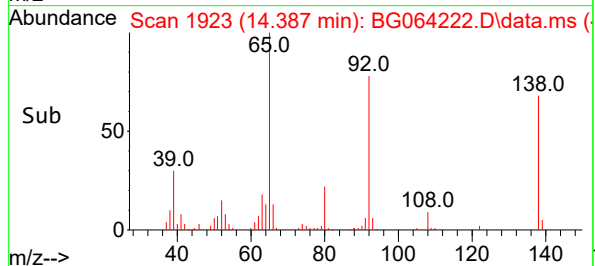
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:138 Resp: 59560
Ion Ratio Lower Upper
138 100
108 13.8 11.0 16.6
92 114.2 91.4 137.0

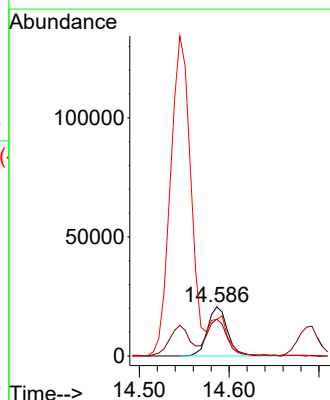
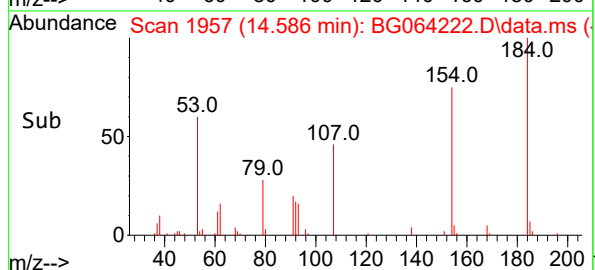
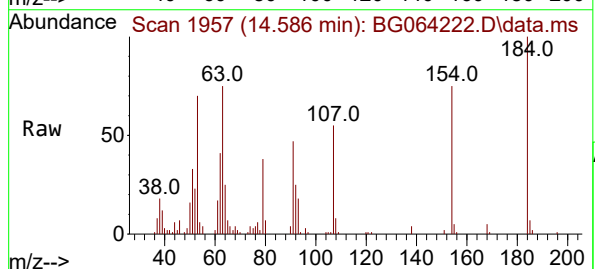
Manual Integrations
APPROVED

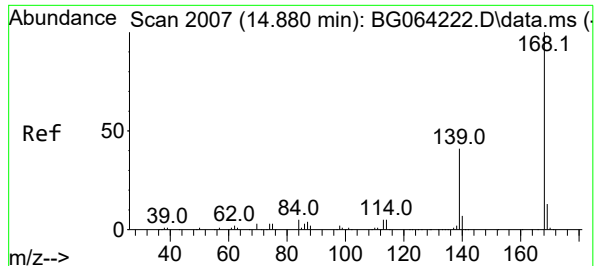
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#54
2,4-Dinitrophenol
Concen: 40.231 ng
RT: 14.586 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

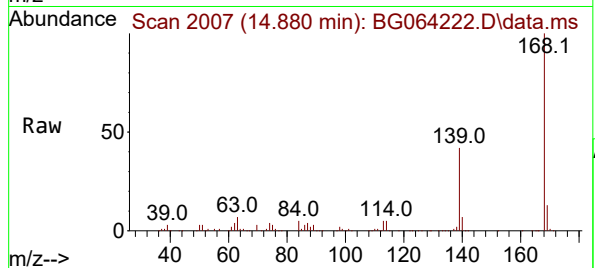
Tgt Ion:184 Resp: 32082
Ion Ratio Lower Upper
184 100
63 75.1 60.1 90.1
154 74.8 59.8 89.8





#55
Dibenzenofuran
Concen: 40.802 ng
RT: 14.880 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

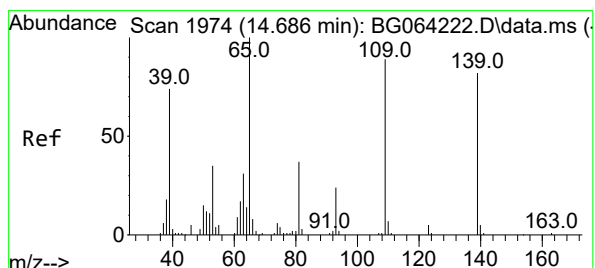
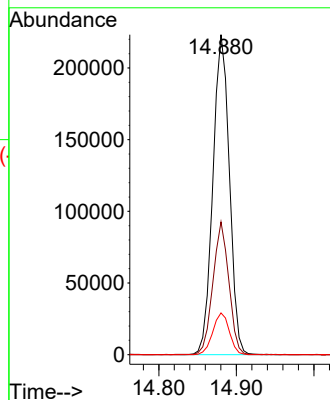
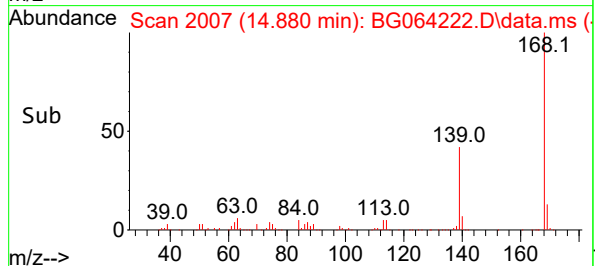
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 33016
Ion Ratio Lower Upper
168 100
139 41.5 33.2 49.8
169 13.0 10.4 15.6

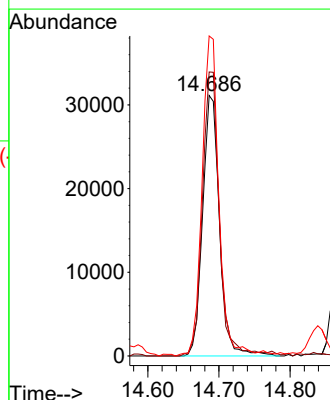
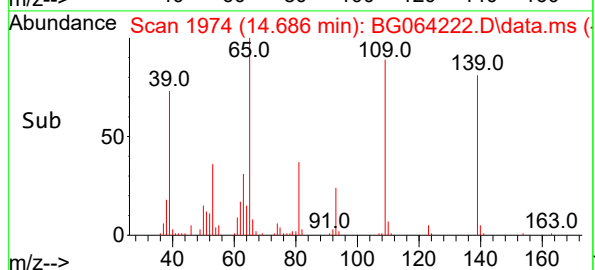
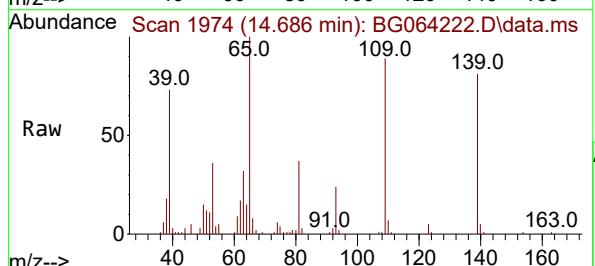
Manual Integrations
APPROVED

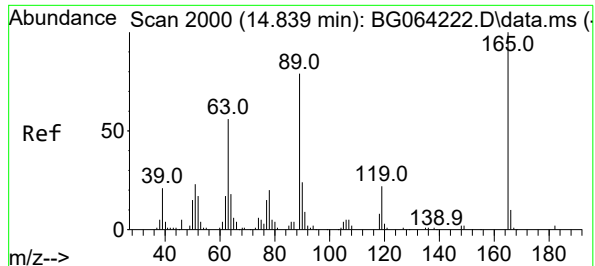
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#56
4-Nitrophenol
Concen: 45.484 ng
RT: 14.686 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

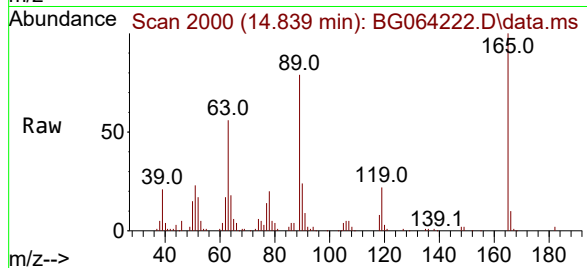
Tgt Ion:139 Resp: 51577
Ion Ratio Lower Upper
139 100
109 109.1 89.1 129.1
65 122.9 102.9 142.9





#57
2,4-Dinitrotoluene
Concen: 43.705 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

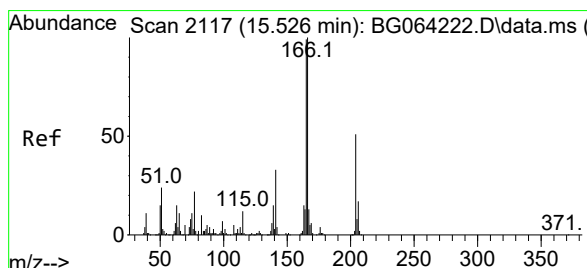
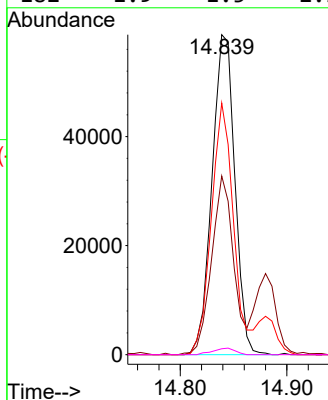
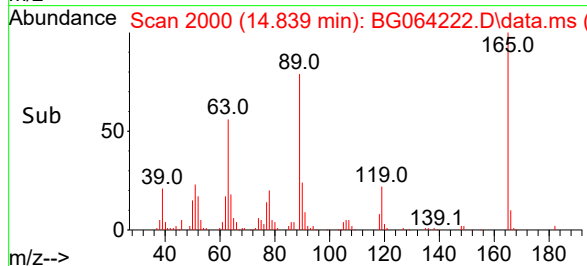
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 87210
Ion Ratio Lower Upper
165 100
63 55.8 44.6 67.0
89 78.7 63.0 94.4
182 1.9 1.5 2.3

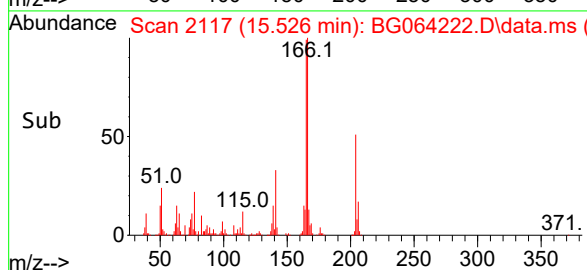
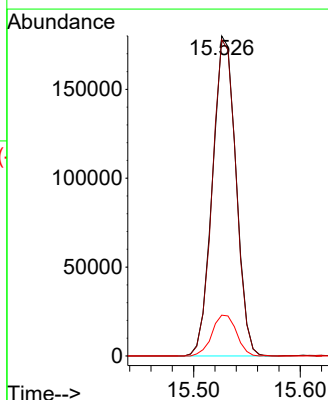
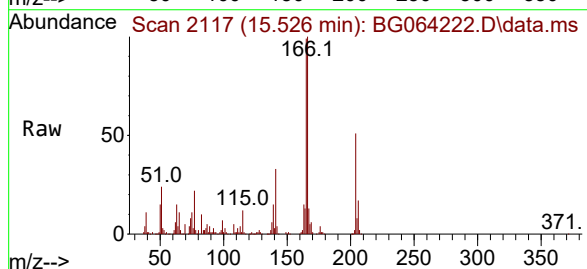
Manual Integrations
APPROVED

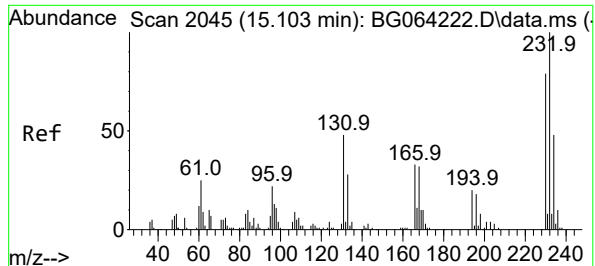
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#58
Fluorene
Concen: 41.523 ng
RT: 15.526 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

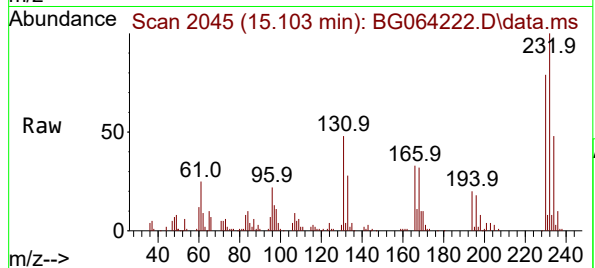
Tgt Ion:166 Resp: 275394
Ion Ratio Lower Upper
166 100
165 98.9 79.1 118.7
167 12.8 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.637 ng
RT: 15.103 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

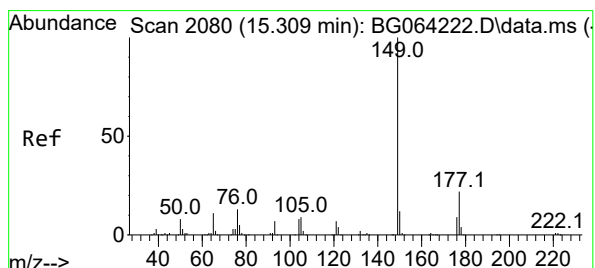
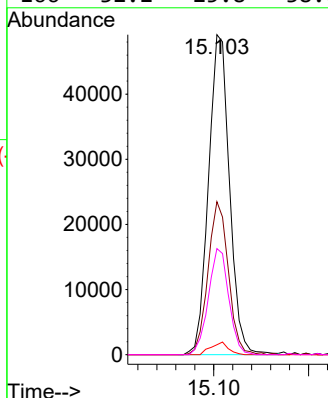
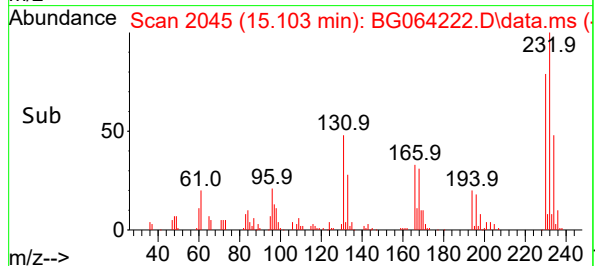
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:232 Resp: 75450
Ion Ratio Lower Upper
232 100
131 46.4 37.1 55.7
130 3.2 2.6 3.8
166 32.2 25.8 38.6

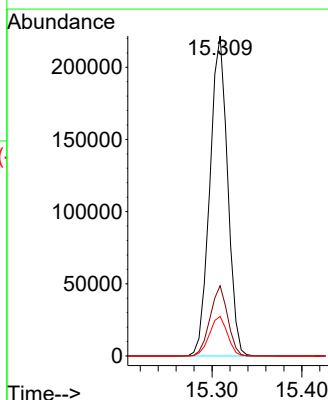
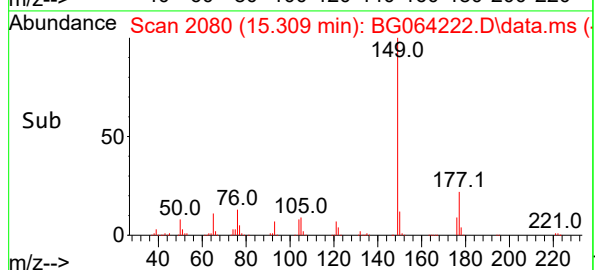
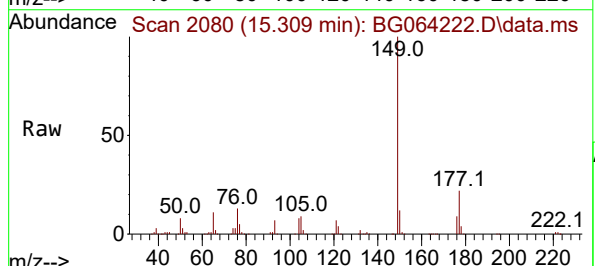
Manual Integrations
APPROVED

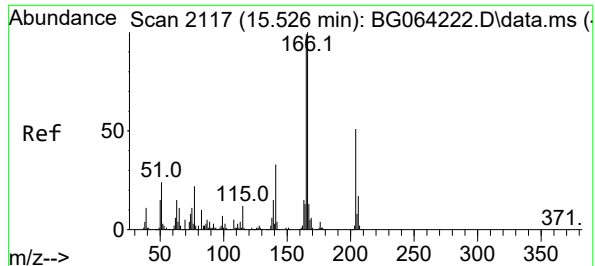
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#60
Diethylphthalate
Concen: 41.681 ng
RT: 15.309 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

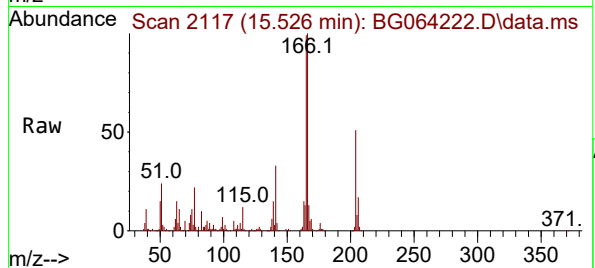
Tgt Ion:149 Resp: 304086
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.4 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 41.127 ng
RT: 15.526 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

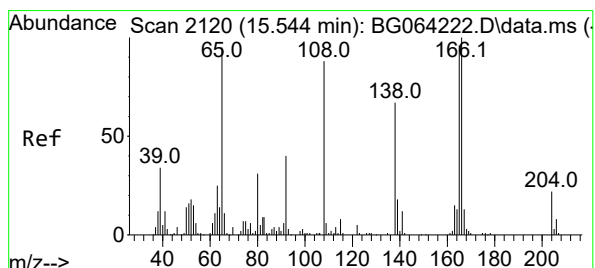
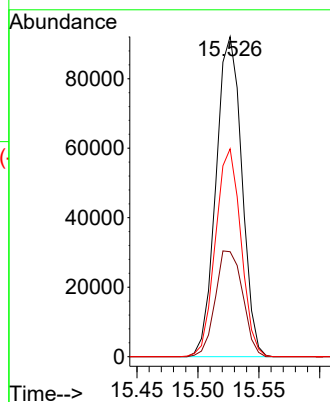
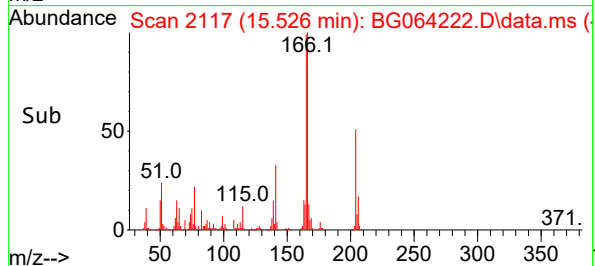
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:204 Resp: 135998
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.4
141 64.9 51.9 77.9

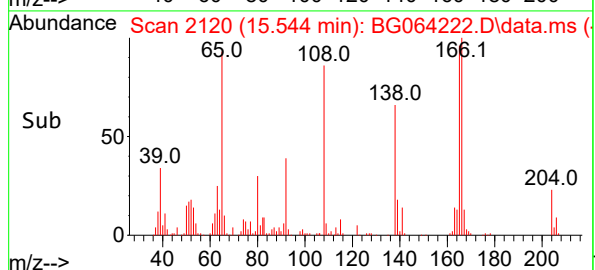
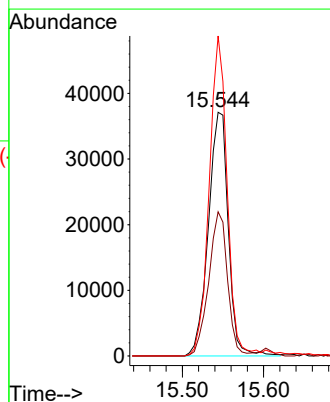
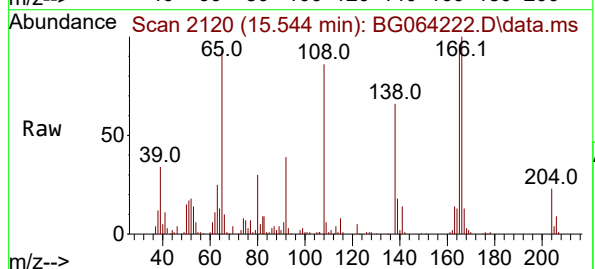
Manual Integrations
APPROVED

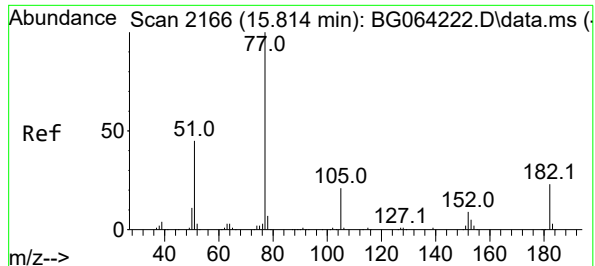
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#62
4-Nitroaniline
Concen: 44.865 ng
RT: 15.544 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

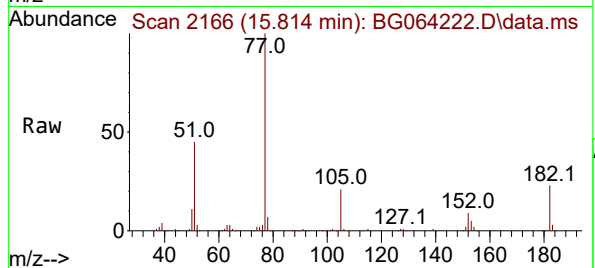
Tgt Ion:138 Resp: 63286
Ion Ratio Lower Upper
138 100
92 59.1 39.1 79.1
108 131.3 111.3 151.3





#63
Azobenzene
Concen: 41.635 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

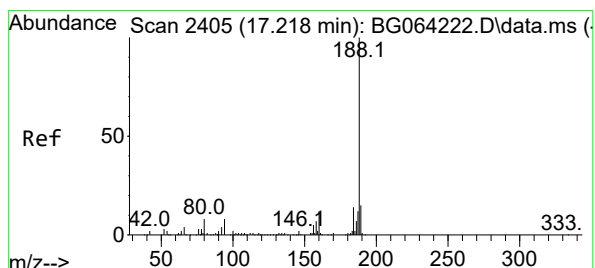
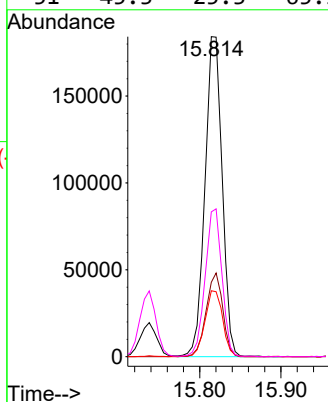
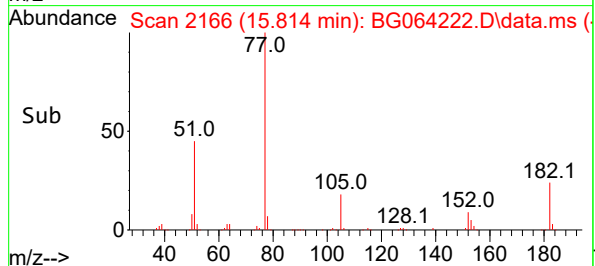
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



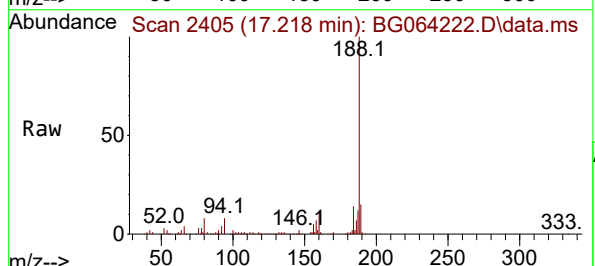
Tgt Ion: 77 Resp: 270729
Ion Ratio Lower Upper
77 100
182 23.3 3.3 43.3
105 20.6 0.6 40.6
51 45.3 25.3 65.3

Manual Integrations
APPROVED

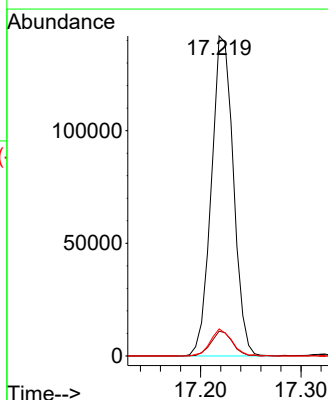
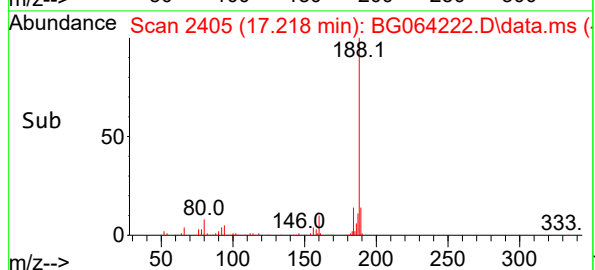
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

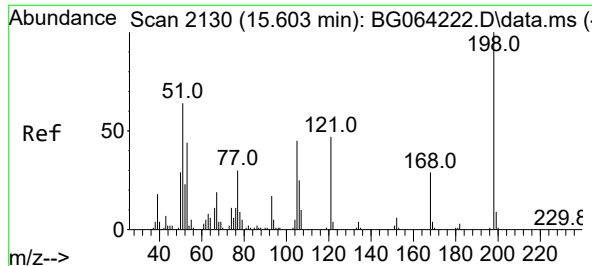


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.218 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33



Tgt Ion:188 Resp: 216625
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.4
80 8.5 6.8 10.2





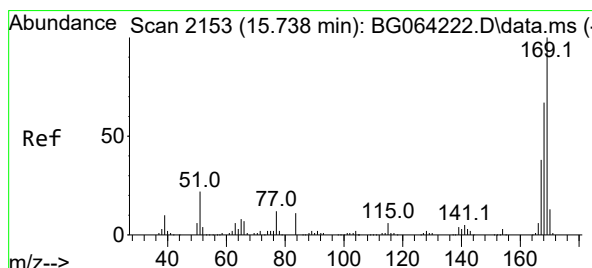
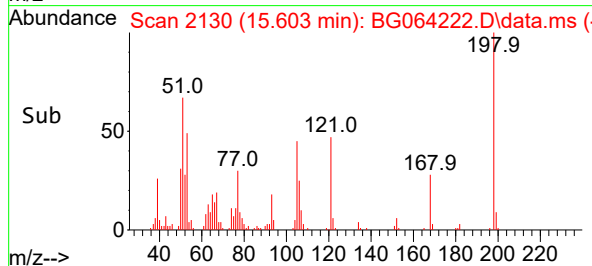
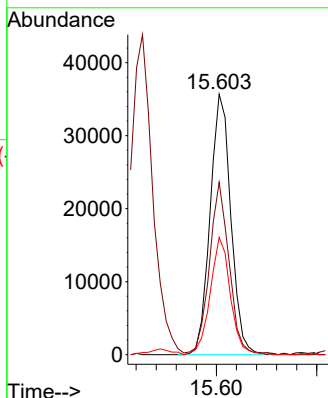
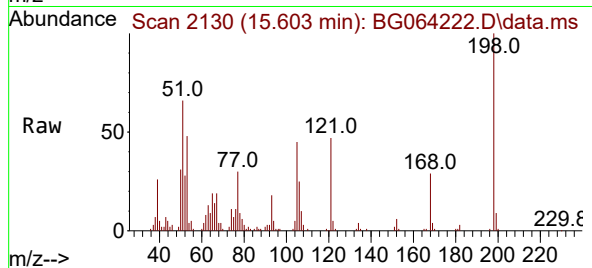
#65
4,6-Dinitro-2-methylphenol
Concen: 41.184 ng
RT: 15.603 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 5122
Ion Ratio Lower Upper
198 100
51 66.2 46.2 86.2
105 45.0 25.0 65.0

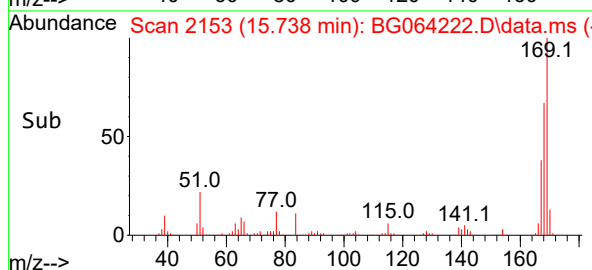
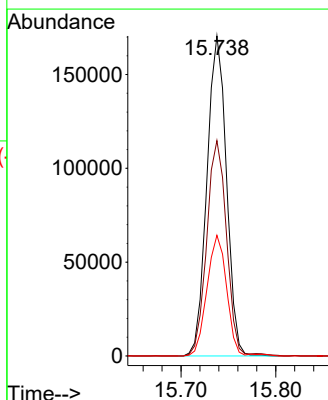
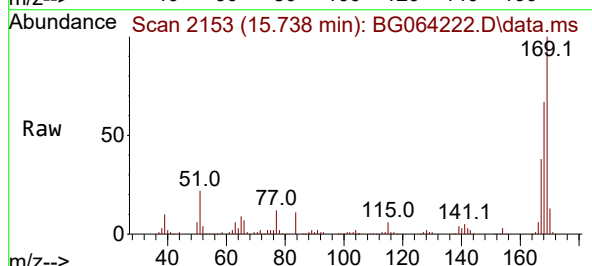
Manual Integrations
APPROVED

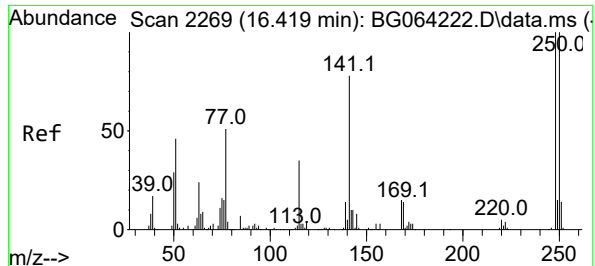
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#66
n-Nitrosodiphenylamine
Concen: 40.835 ng
RT: 15.738 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

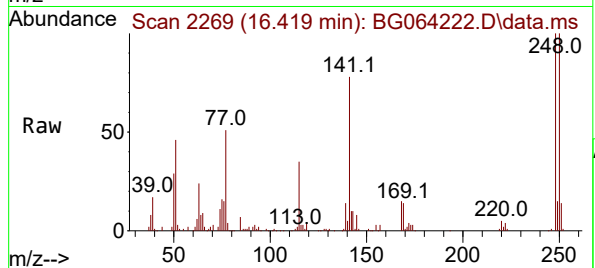
Tgt Ion:169 Resp: 243339
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.8
167 37.7 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 40.562 ng
RT: 16.419 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

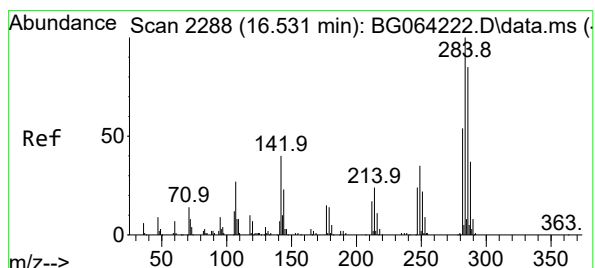
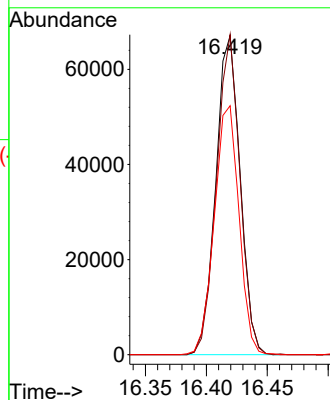
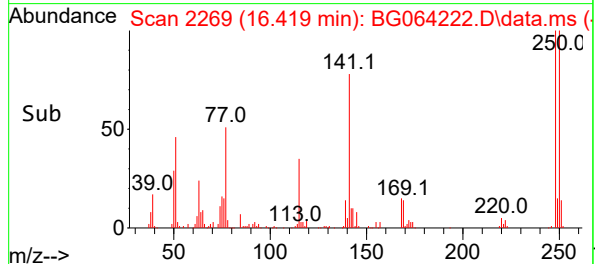
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:248 Resp: 93320
Ion Ratio Lower Upper
248 100
250 100.3 80.2 120.4
141 78.0 62.4 93.6

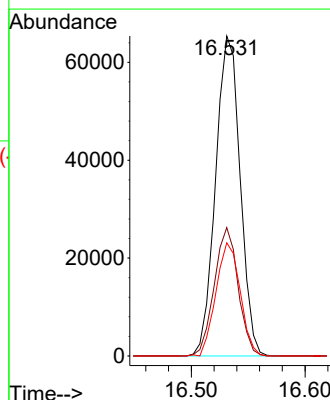
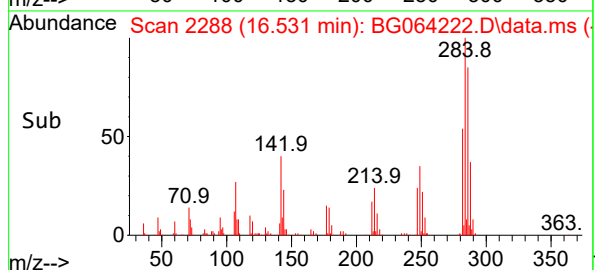
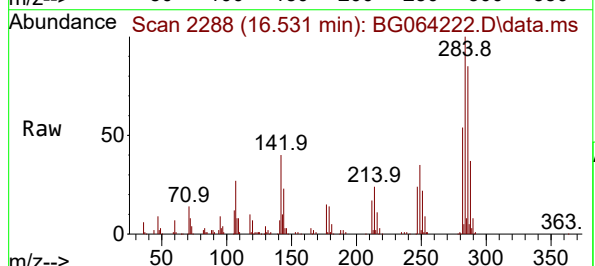
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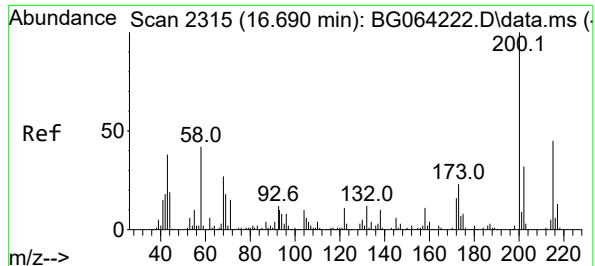
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#68
Hexachlorobenzene
Concen: 38.392 ng
RT: 16.531 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:284 Resp: 98094
Ion Ratio Lower Upper
284 100
142 40.1 32.1 48.1
249 35.4 28.3 42.5





#69

Atrazine

Concen: 41.726 ng

RT: 16.690 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:200 Resp: 103824

Ion Ratio Lower Upper

200 100

173 23.5 3.5 43.5

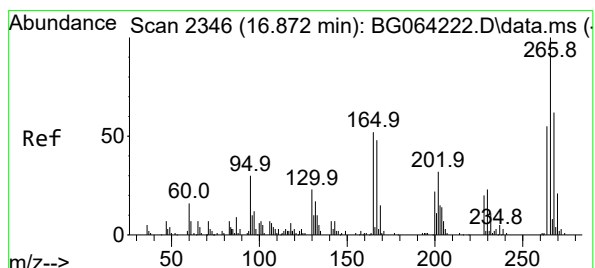
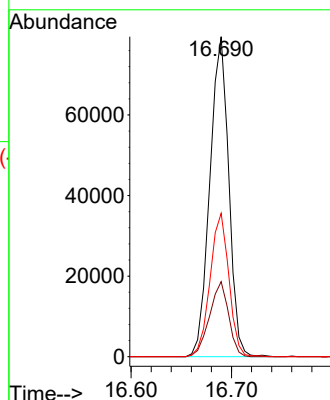
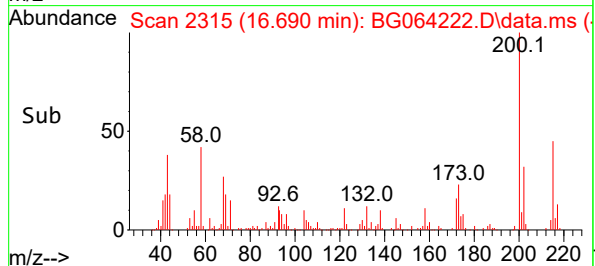
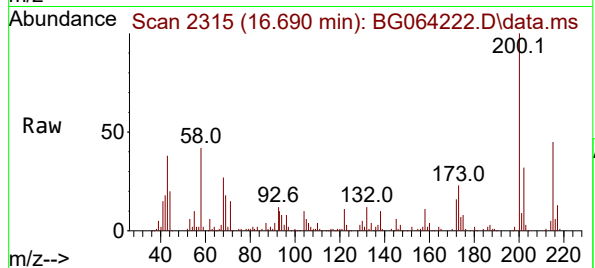
215 44.8 24.8 64.8

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#70

Pentachlorophenol

Concen: 42.696 ng

RT: 16.872 min Scan# 2346

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

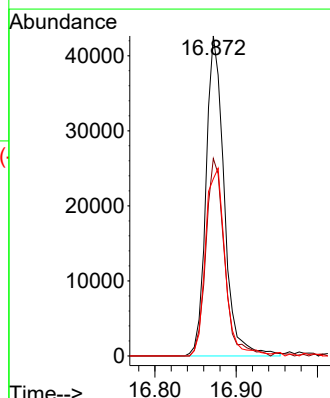
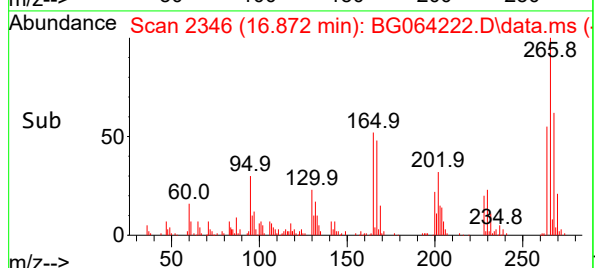
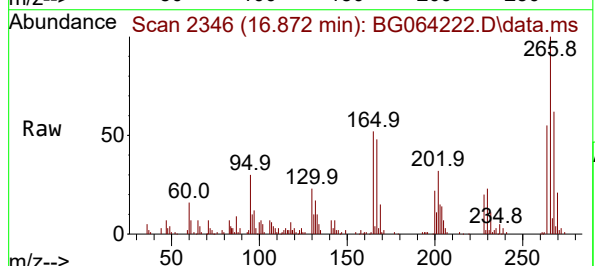
Tgt Ion:266 Resp: 66146

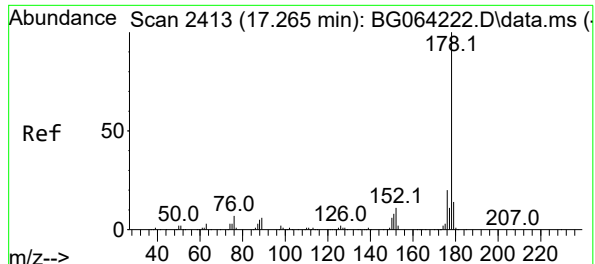
Ion Ratio Lower Upper

266 100

268 61.7 49.4 74.0

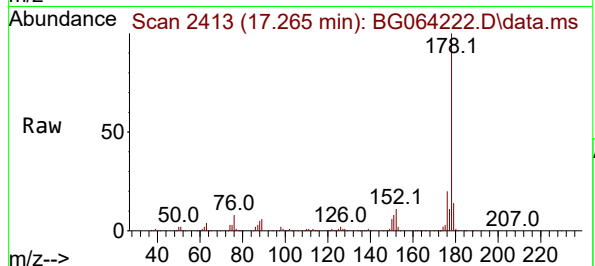
264 55.4 44.3 66.5





#71
Phenanthrene
Concen: 41.086 ng
RT: 17.265 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

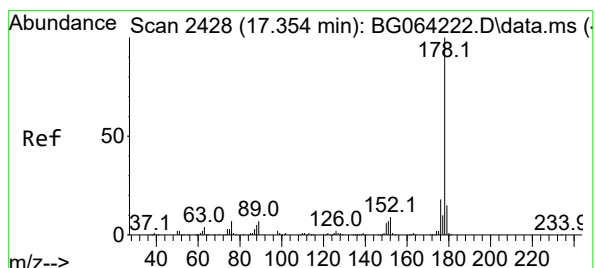
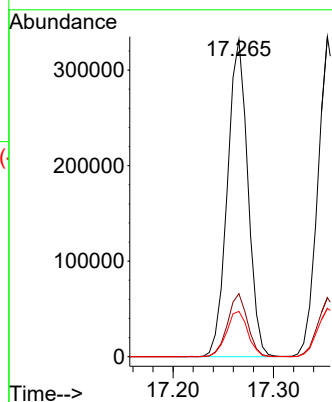
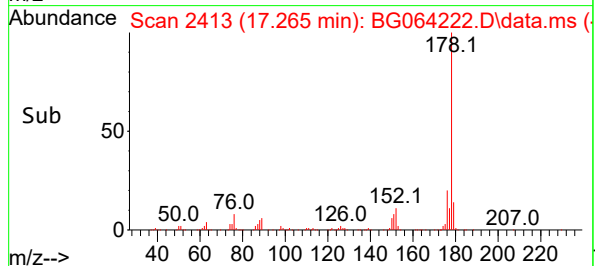
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 46943
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 14.3 11.4 17.2

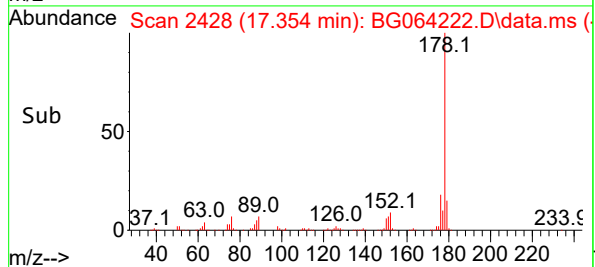
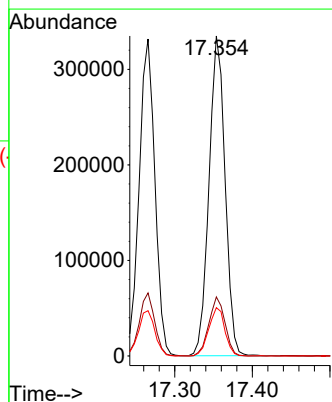
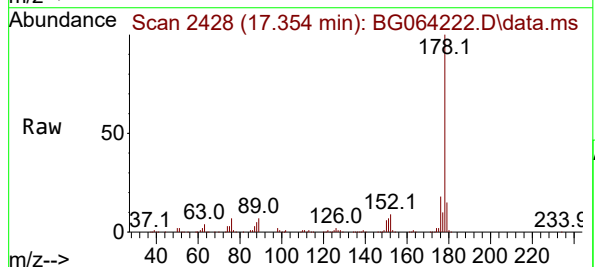
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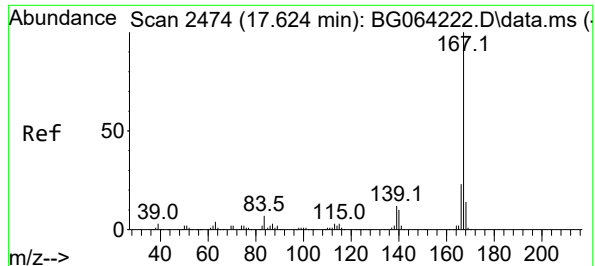
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#72
Anthracene
Concen: 41.411 ng
RT: 17.354 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

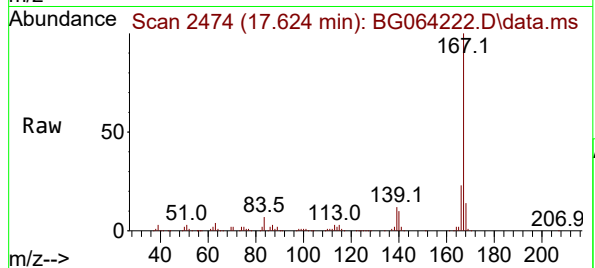
Tgt Ion:178 Resp: 481293
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.1 12.1 18.1





#73
Carbazole
Concen: 42.400 ng
RT: 17.624 min Scan# 2474
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

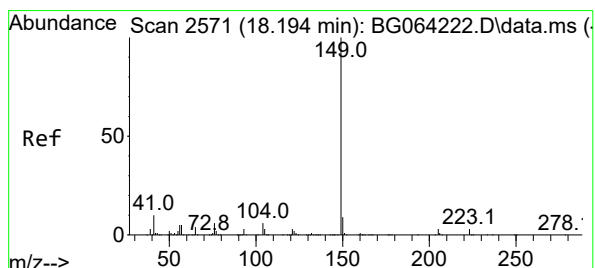
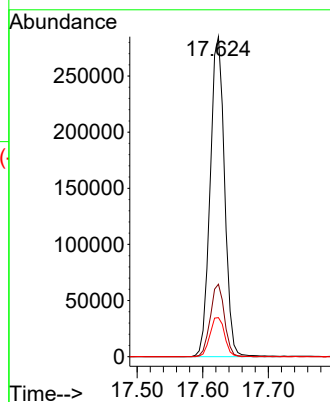
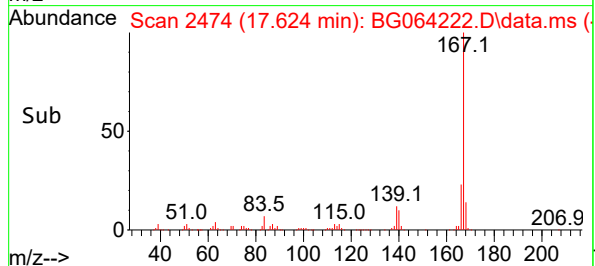
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:167 Resp: 434111
Ion Ratio Lower Upper
167 100
166 22.7 18.2 27.2
139 12.2 9.8 14.6

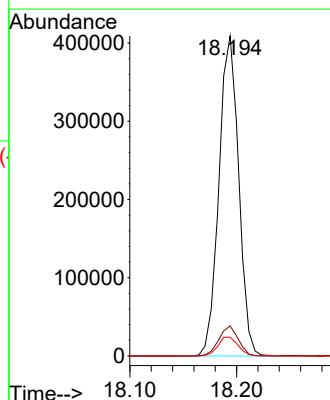
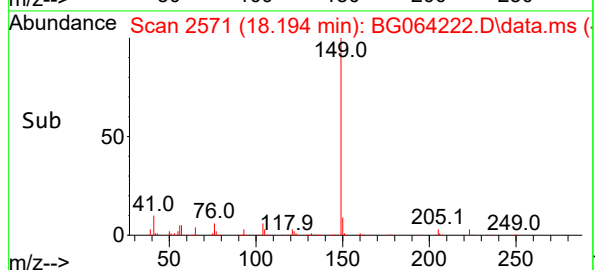
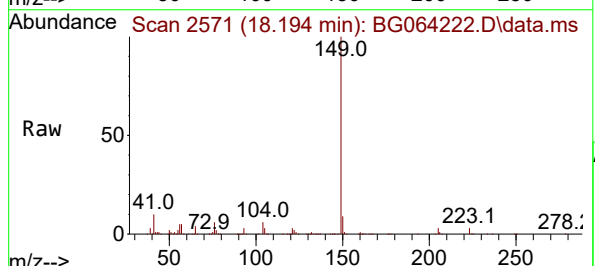
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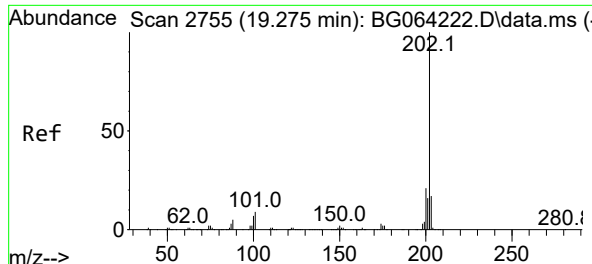
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#74
Di-n-butylphthalate
Concen: 42.668 ng
RT: 18.194 min Scan# 2571
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

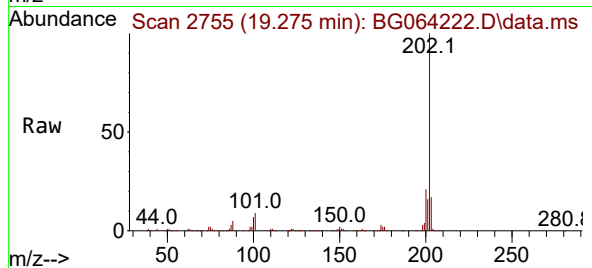
Tgt Ion:149 Resp: 524841
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.8 4.6 7.0





#75
Fluoranthene
Concen: 42.067 ng
RT: 19.275 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

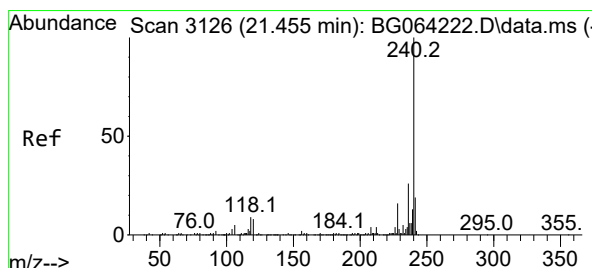
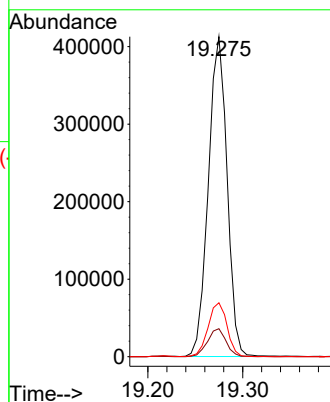
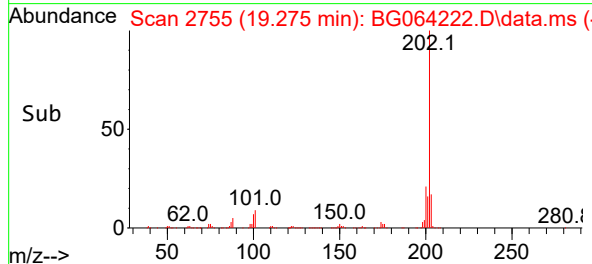
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 565130
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.7
203 16.9 0.0 36.9

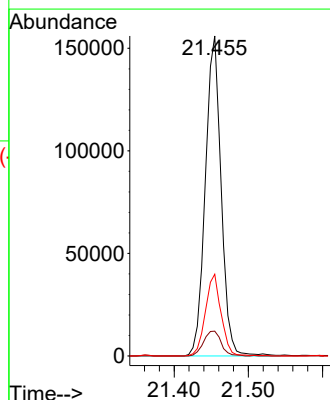
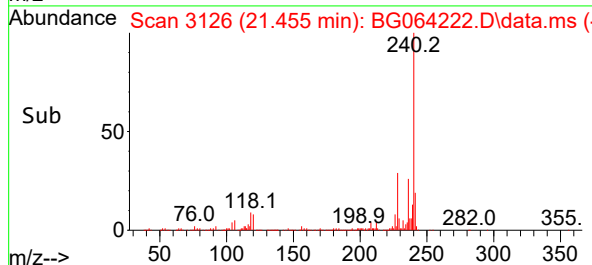
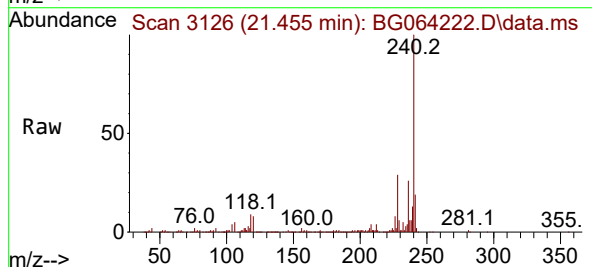
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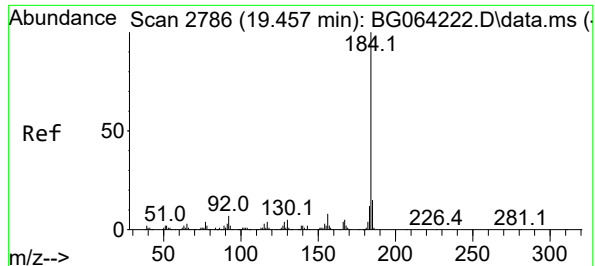
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.455 min Scan# 3126
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:240 Resp: 230899
Ion Ratio Lower Upper
240 100
120 7.8 6.2 9.4
236 25.6 20.5 30.7





#77

Benzidine

Concen: 42.340 ng

RT: 19.457 min Scan# 2786

Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:184 Resp: 205659

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

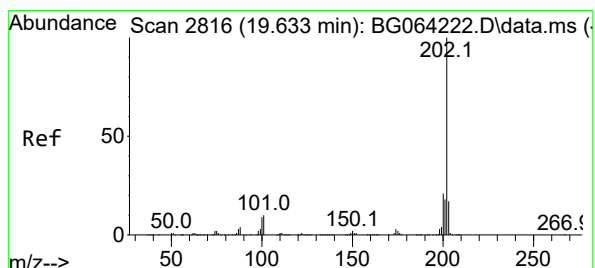
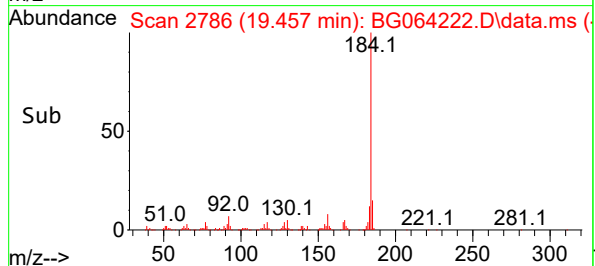
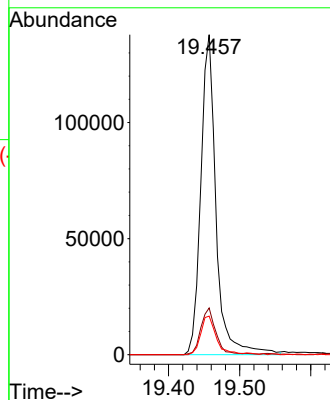
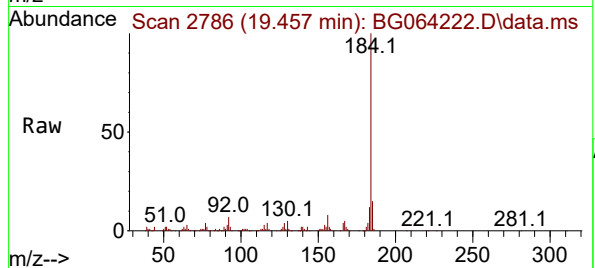
183 12.1 9.7 14.5

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#78

Pyrene

Concen: 41.364 ng

RT: 19.633 min Scan# 2816

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

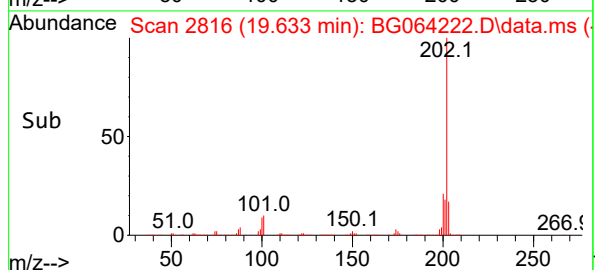
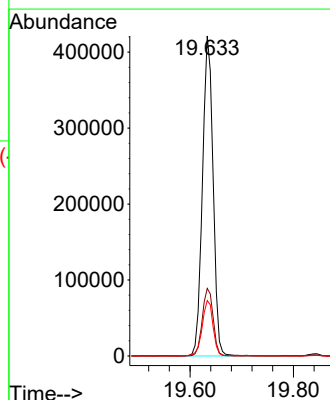
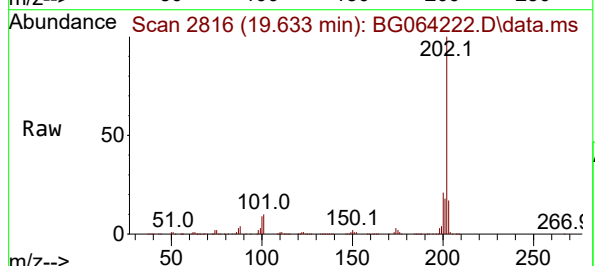
Tgt Ion:202 Resp: 601727

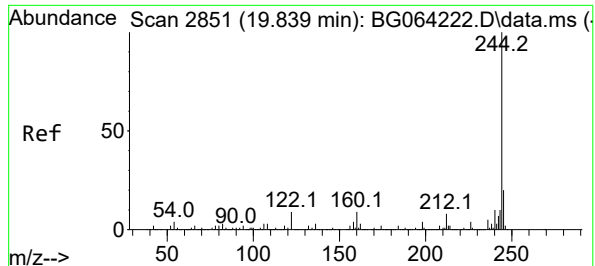
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

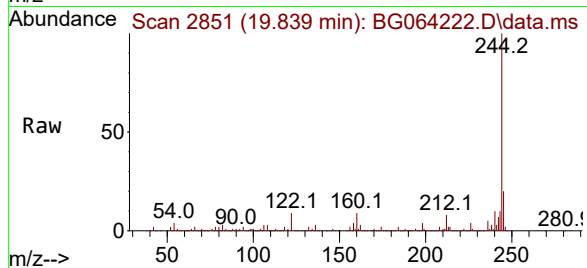
203 17.3 13.8 20.8





#79
 Terphenyl-d14
 Concen: 81.849 ng
 RT: 19.839 min Scan# 2851
 Delta R.T. -0.006 min
 Lab File: BG064222.D
 Acq: 28 Aug 2025 13:33

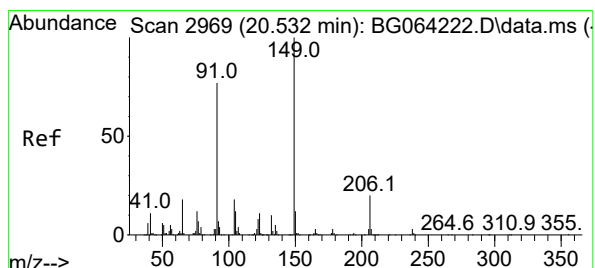
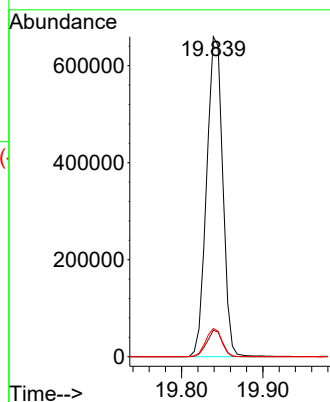
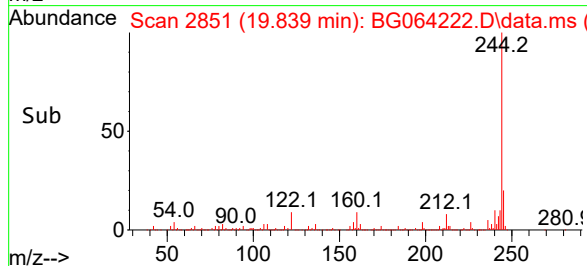
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040



Tgt Ion:244 Resp: 905835
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 10.0
 122 8.8 7.0 10.6

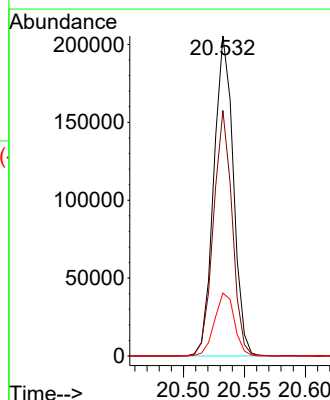
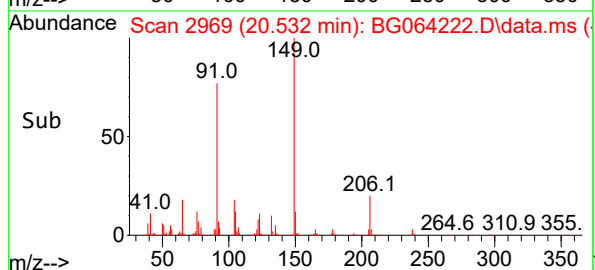
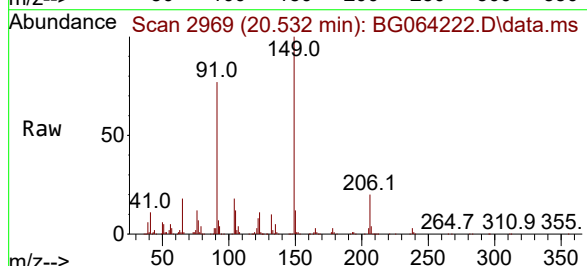
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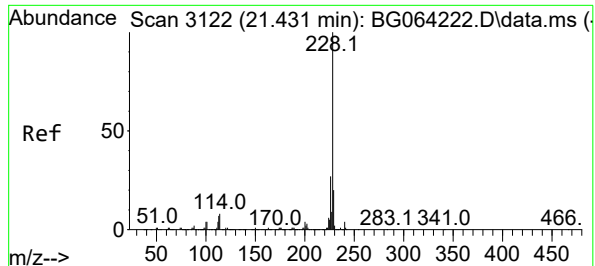
Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025



#80
 Butylbenzylphthalate
 Concen: 41.610 ng
 RT: 20.532 min Scan# 2969
 Delta R.T. -0.000 min
 Lab File: BG064222.D
 Acq: 28 Aug 2025 13:33

Tgt Ion:149 Resp: 228304
 Ion Ratio Lower Upper
 149 100
 91 76.7 61.4 92.0
 206 19.7 15.8 23.6





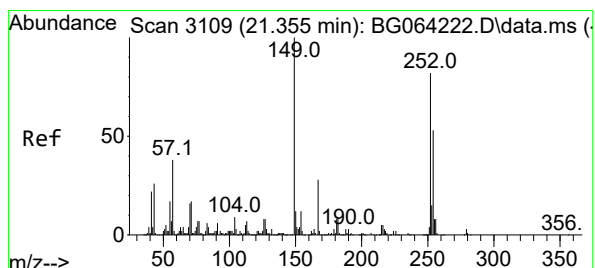
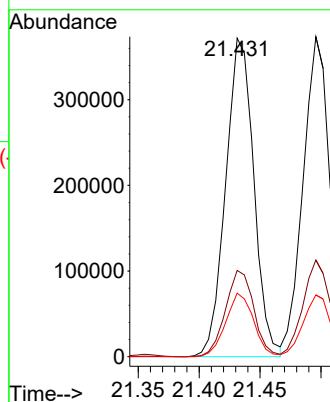
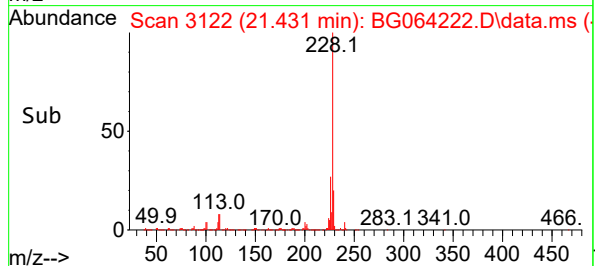
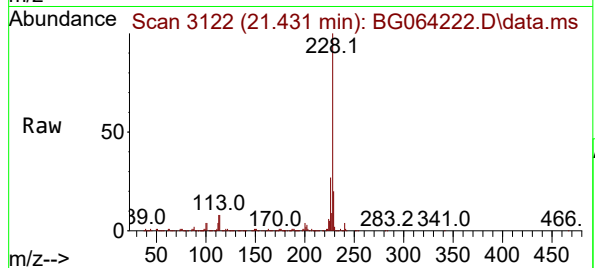
#81
Benzo(a)anthracene
Concen: 40.530 ng
RT: 21.431 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 598710
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.9 15.9 23.9

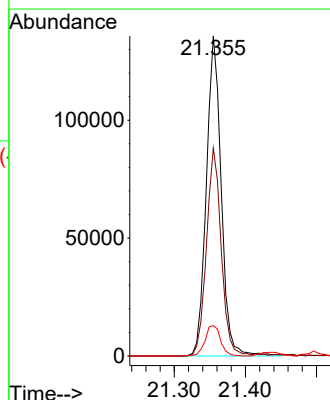
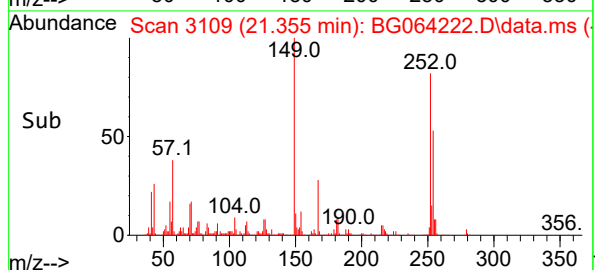
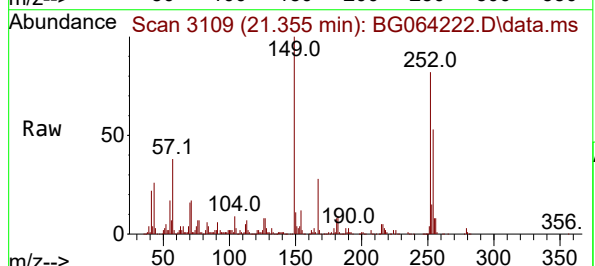
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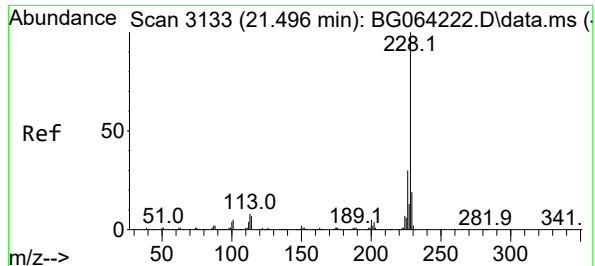
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#82
3,3'-Dichlorobenzidine
Concen: 41.144 ng
RT: 21.355 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

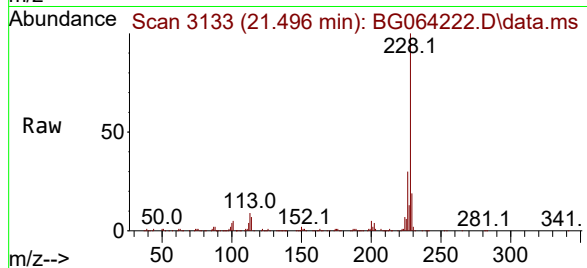
Tgt Ion:252 Resp: 197938
Ion Ratio Lower Upper
252 100
254 64.9 51.9 77.9
126 9.5 7.6 11.4





#83
Chrysene
Concen: 40.625 ng
RT: 21.496 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

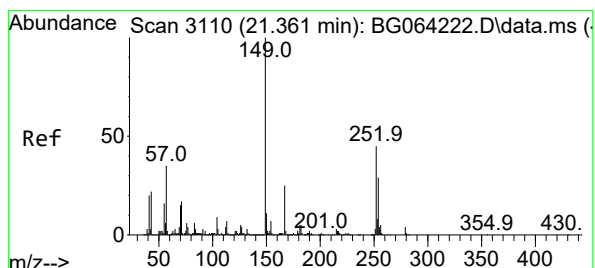
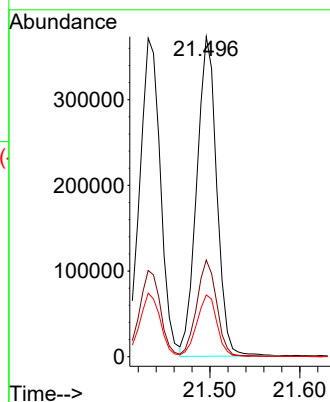
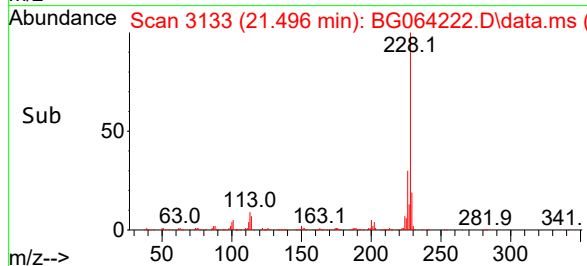
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 57612
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 19.3 15.4 23.2

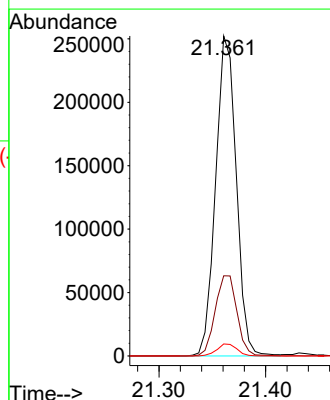
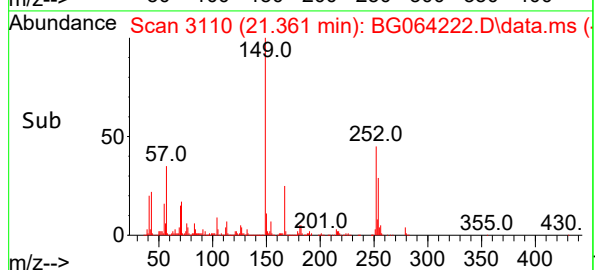
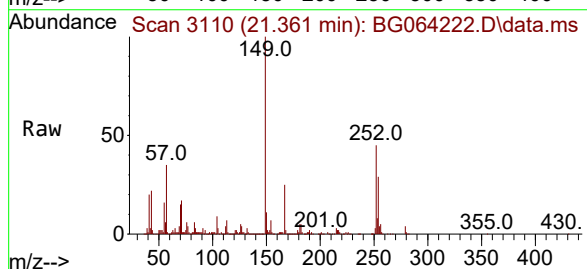
Manual Integrations
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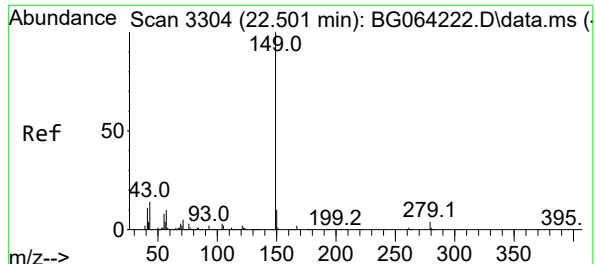
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.046 ng
RT: 21.361 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

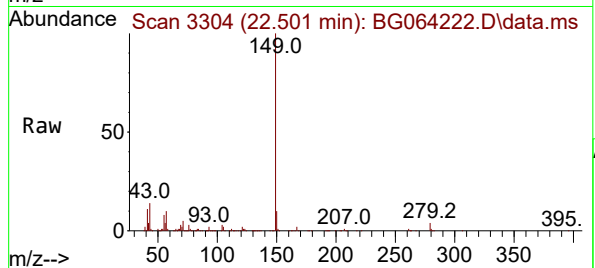
Tgt Ion:149 Resp: 338114
Ion Ratio Lower Upper
149 100
167 25.0 20.0 30.0
279 3.7 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 40.652 ng
RT: 22.501 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

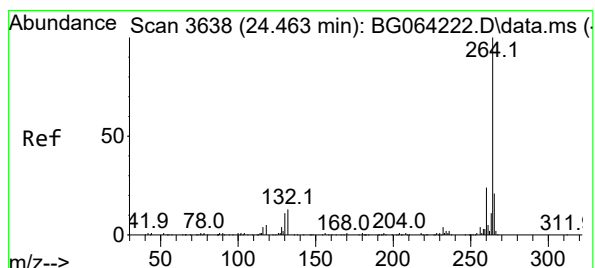
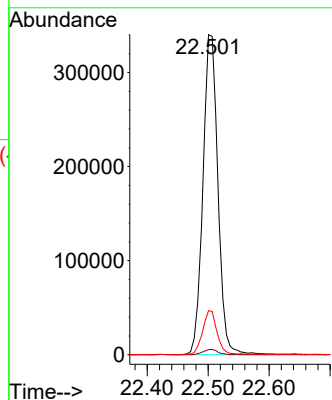
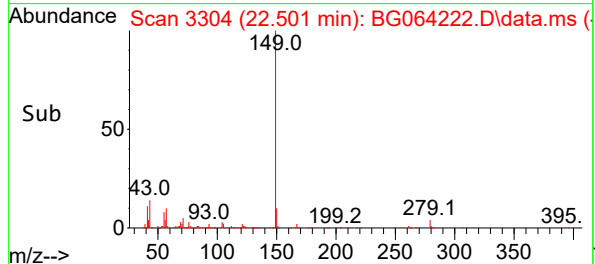
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 58348
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.5 10.8 16.2

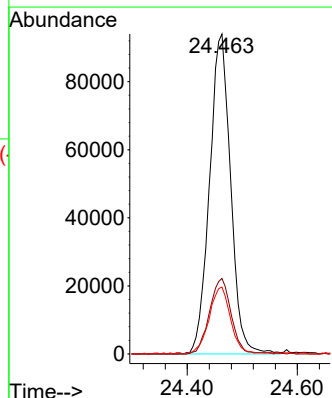
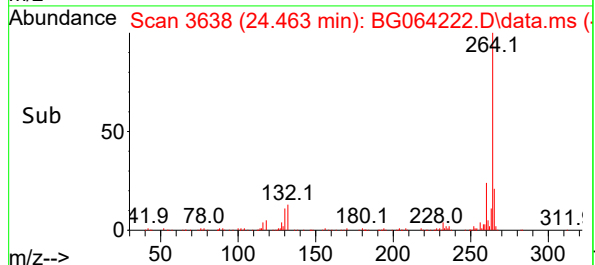
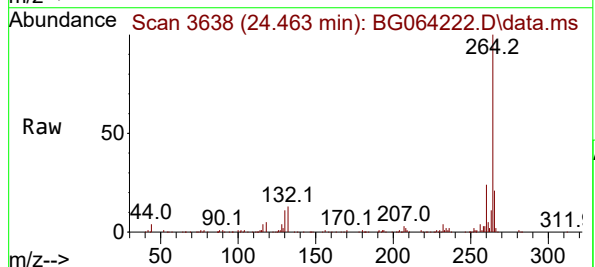
Manual Integrations
APPROVED

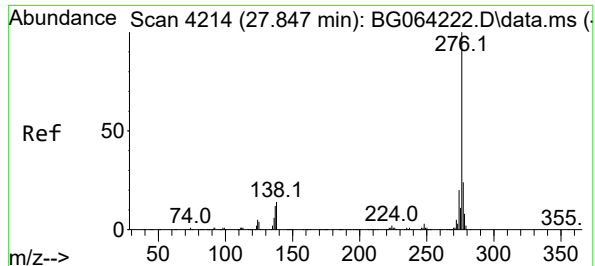
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.463 min Scan# 3638
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

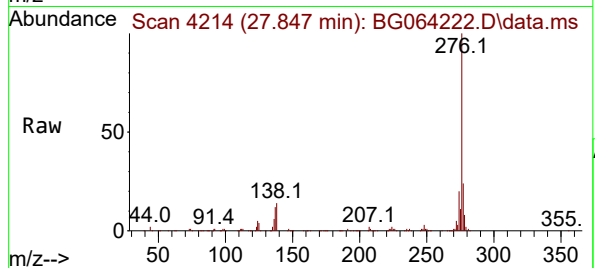
Tgt Ion:264 Resp: 249993
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 20.9 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.973 ng
RT: 27.847 min Scan# 4214
Delta R.T. -0.024 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

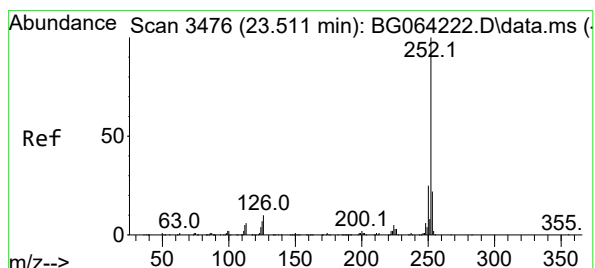
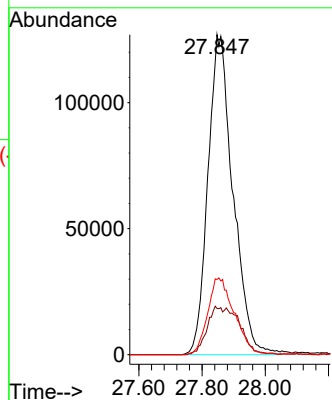
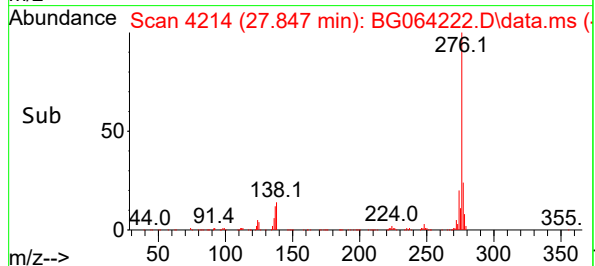
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:276 Resp: 699504
Ion Ratio Lower Upper
276 100
138 9.2 7.4 11.0
277 25.6 20.5 30.7

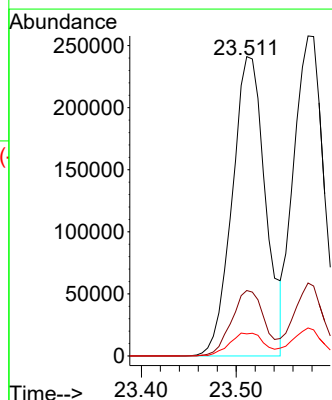
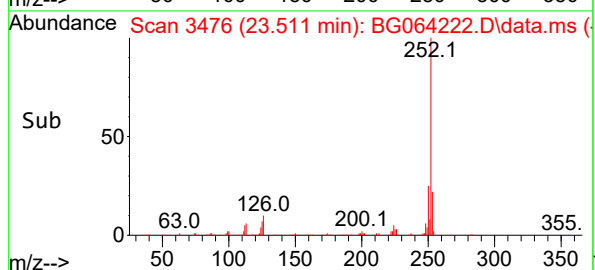
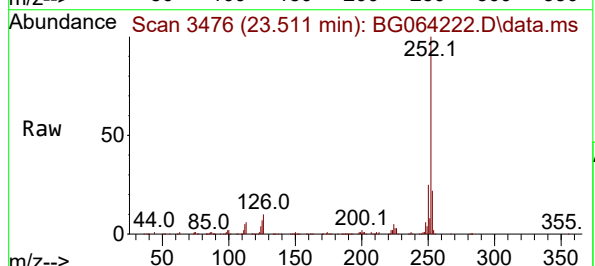
Manual Integrations
APPROVED

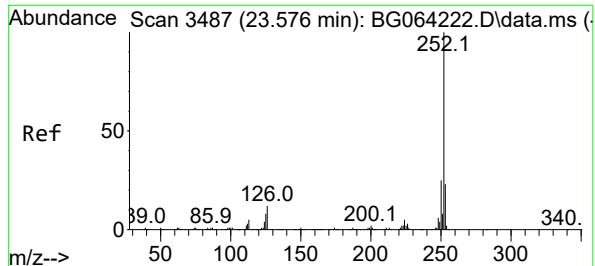
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#88
Benzo(b)fluoranthene
Concen: 41.666 ng
RT: 23.511 min Scan# 3476
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:252 Resp: 587871
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 7.4 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 39.695 ng

RT: 23.576 min Scan# 3487

Delta R.T. -0.012 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 570589

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

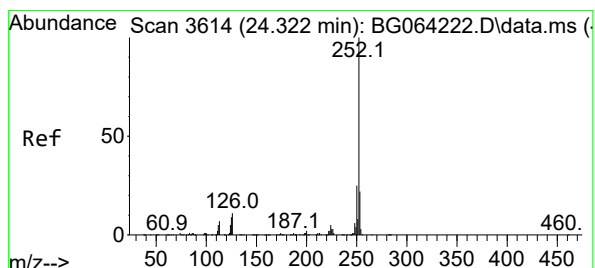
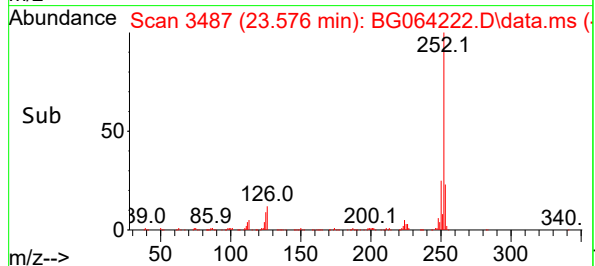
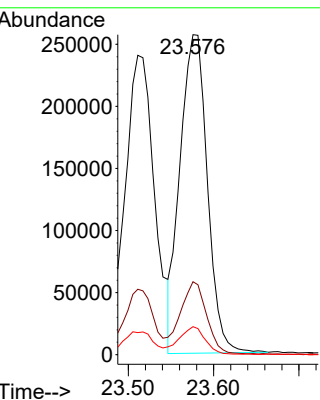
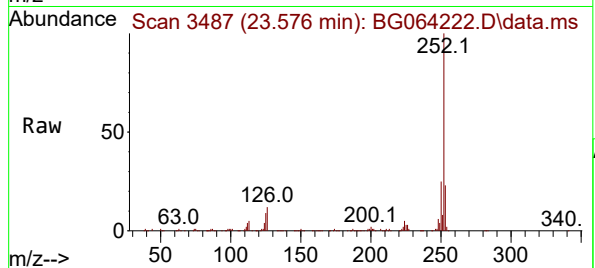
125 8.7 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#90

Benzo(a)pyrene

Concen: 41.278 ng

RT: 24.322 min Scan# 3614

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

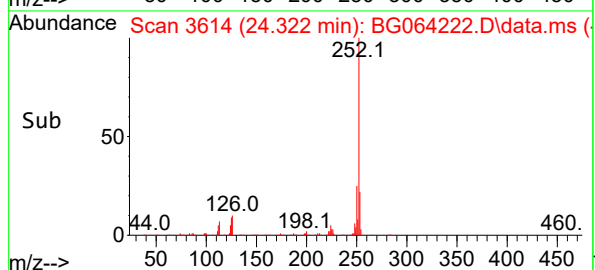
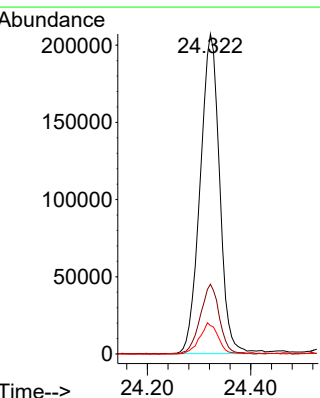
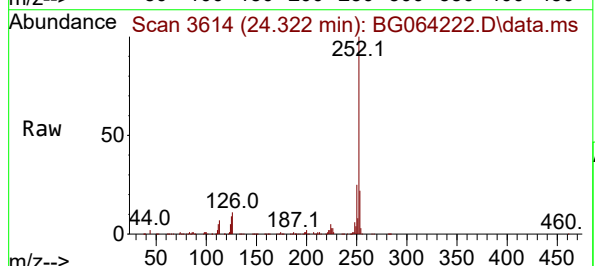
Tgt Ion:252 Resp: 541764

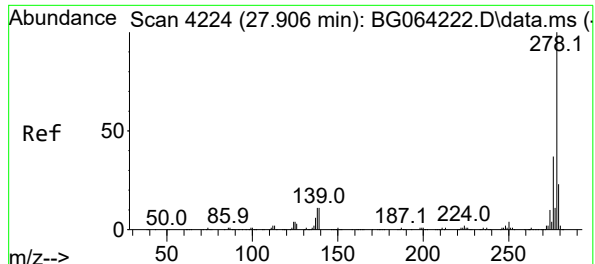
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

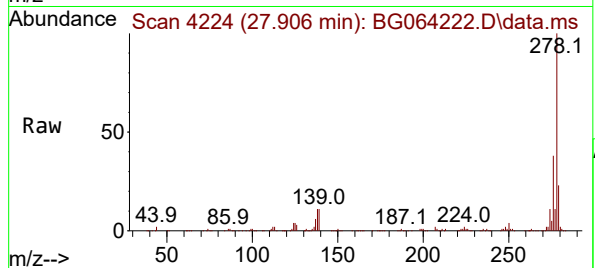
125 8.8 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 41.382 ng
RT: 27.906 min Scan# 41
Delta R.T. -0.018 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

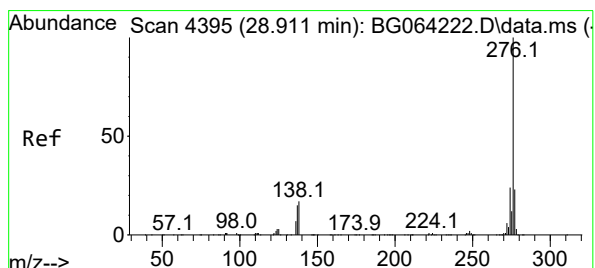
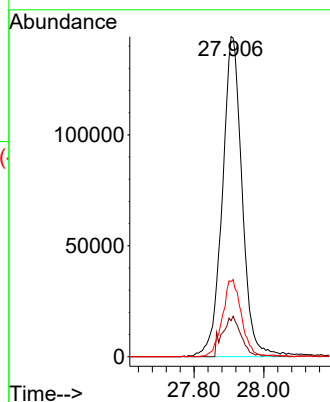
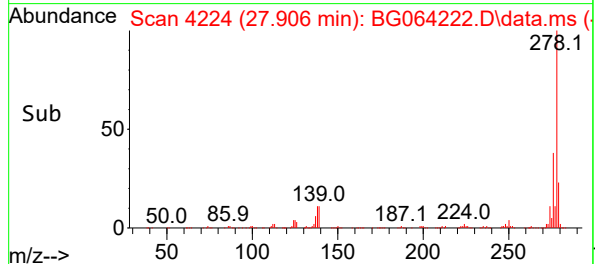
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:278 Resp: 56724
Ion Ratio Lower Upper
278 100
139 11.2 9.0 13.4
279 23.5 18.8 28.2

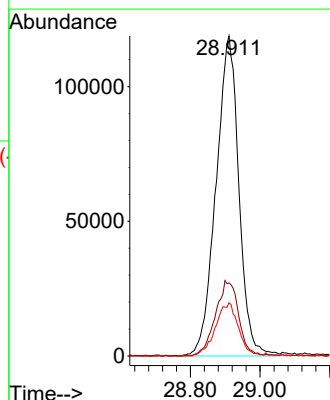
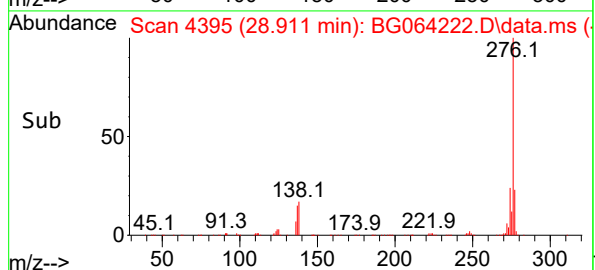
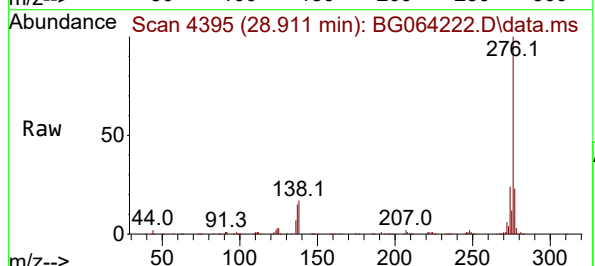
Manual Integrations
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Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#92
Benzo(g,h,i)perylene
Concen: 40.590 ng
RT: 28.911 min Scan# 4395
Delta R.T. -0.024 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:276 Resp: 541401
Ion Ratio Lower Upper
276 100
277 22.8 18.2 27.4
138 16.6 13.3 19.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064223.D
 Acq On : 28 Aug 2025 14:55
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	33981	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	162789	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	113459	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	260584	20.000	ng	0.00
76) Chrysene-d12	21.457	240	265427	20.000	ng	0.00
86) Perylene-d12	24.465	264	291787	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	182705	96.463	ng	0.00
7) Phenol-d6	7.027	99	258550	99.362	ng	0.00
23) Nitrobenzene-d5	9.012	82	290513	99.528	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	148084	98.538	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	730952	98.334	ng	0.00
79) Terphenyl-d14	19.841	244	1218425	95.772	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.360	88	36549	46.296	ng	91
3) Pyridine	3.748	79	111747	48.087	ng	# 62
4) n-Nitrosodimethylamine	3.666	42	76108	49.514	ng	95
6) Aniline	7.185	93	182696	50.772	ng	98
8) 2-Chlorophenol	7.420	128	115532	49.917	ng	95
9) Benzaldehyde	6.997	77	101310m	47.310	ng	
10) Phenol	7.050	94	147768	51.508	ng	98
11) bis(2-Chloroethyl)ether	7.285	93	106590	49.444	ng	95
12) 1,3-Dichlorobenzene	7.749	146	118413	48.091	ng	93
13) 1,4-Dichlorobenzene	7.890	146	121131	48.745	ng	98
14) 1,2-Dichlorobenzene	8.208	146	115952	48.346	ng	97
15) Benzyl Alcohol	8.096	79	121664	50.666	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.378	45	240049	48.772	ng	97
17) 2-Methylphenol	8.296	107	103441	48.380	ng	95
18) Hexachloroethane	8.936	117	48573	50.074	ng	92
19) n-Nitroso-di-n-propyla...	8.666	70	102918	51.679	ng	93
20) 3+4-Methylphenols	8.625	107	148663	50.040	ng	95
22) Acetophenone	8.678	105	201707	48.977	ng	# 99
24) Nitrobenzene	9.054	77	153531	50.343	ng	100
25) Isophorone	9.577	82	298308	49.174	ng	98
26) 2-Nitrophenol	9.759	139	67834	51.476	ng	87
27) 2,4-Dimethylphenol	9.823	122	112443	48.601	ng	99
28) bis(2-Chloroethoxy)met...	10.058	93	158665	48.505	ng	95
29) 2,4-Dichlorophenol	10.293	162	121661	49.838	ng	96
30) 1,2,4-Trichlorobenzene	10.511	180	125532	48.771	ng	99
31) Naphthalene	10.699	128	408504	48.392	ng	98
32) Benzoic acid	9.982	122	100402m	54.670	ng	
33) 4-Chloroaniline	10.799	127	167341	51.147	ng	99
34) Hexachlorobutadiene	10.987	225	91046	47.853	ng	90
35) Caprolactam	11.586	113	45631	48.275	ng	# 87
36) 4-Chloro-3-methylphenol	11.927	107	157192	49.630	ng	94
37) 2-Methylnaphthalene	12.309	142	308014	49.089	ng	97
38) 1-Methylnaphthalene	12.526	142	299438	48.315	ng	98
40) 1,2,4,5-Tetrachloroben...	12.673	216	164947	50.386	ng	98
41) Hexachlorocyclopentadiene	12.655	237	82228	52.851	ng	99
43) 2,4,6-Trichlorophenol	12.914	196	108841	49.743	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064223.D
 Acq On : 28 Aug 2025 14:55
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:53 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.984	196	120763	50.879	ng	97
46) 1,1'-Biphenyl	13.319	154	410868	49.719	ng	99
47) 2-Chloronaphthalene	13.360	162	310870	50.039	ng	99
48) 2-Nitroaniline	13.560	65	111792	52.795	ng	97
49) Acenaphthylene	14.206	152	455916	49.644	ng	99
50) Dimethylphthalate	13.942	163	414776	48.298	ng	99
51) 2,6-Dinitrotoluene	14.054	165	85196	51.244	ng	94
52) Acenaphthene	14.547	154	320309	49.423	ng	96
53) 3-Nitroaniline	14.383	138	89170	51.202	ng	99
54) 2,4-Dinitrophenol	14.588	184	52115	50.240	ng	87
55) Dibenzofuran	14.882	168	499696	49.018	ng	98
56) 4-Nitrophenol	14.694	139	73126	51.188	ng	93
57) 2,4-Dinitrotoluene	14.841	165	127679	50.791	ng	# 98
58) Fluorene	15.534	166	401649	48.071	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.105	232	117168	51.324	ng	97
60) Diethylphthalate	15.311	149	435581	47.393	ng	99
61) 4-Chlorophenyl-phenyle...	15.528	204	204160	49.008	ng	99
62) 4-Nitroaniline	15.552	138	94189	53.002	ng	96
63) Azobenzene	15.816	77	399233	48.736	ng	97
65) 4,6-Dinitro-2-methylph...	15.605	198	78644	52.566	ng	97
66) n-Nitrosodiphenylamine	15.740	169	353288	49.284	ng	98
67) 4-Bromophenyl-phenylether	16.416	248	137844	49.804	ng	94
68) Hexachlorobenzene	16.533	284	150620	49.006	ng	92
69) Atrazine	16.692	200	145808	48.714	ng	96
70) Pentachlorophenol	16.874	266	96347	51.699	ng	# 88
71) Phenanthrene	17.268	178	664429	48.343	ng	98
72) Anthracene	17.356	178	673083	48.144	ng	99
73) Carbazole	17.626	167	597673	48.528	ng	99
74) Di-n-butylphthalate	18.196	149	713842	48.243	ng	98
75) Fluoranthene	19.277	202	767254	47.477	ng	97
77) Benzidine	19.459	184	255340	45.730	ng	100
78) Pyrene	19.635	202	806963	48.257	ng	99
80) Butylbenzylphthalate	20.534	149	314706	49.896	ng	98
81) Benzo(a)anthracene	21.433	228	828398	48.784	ng	99
82) 3,3'-Dichlorobenzidine	21.357	252	272006	49.185	ng	97
83) Chrysene	21.498	228	798825	49.001	ng	100
84) Bis(2-ethylhexyl)phtha...	21.363	149	472845	49.934	ng	98
85) Di-n-octyl phthalate	22.508	149	814659	49.375	ng	99
87) Indeno(1,2,3-cd)pyrene	27.867	276	983131	49.338	ng	# 96
88) Benzo(b)fluoranthene	23.519	252	805106	48.889	ng	99
89) Benzo(k)fluoranthene	23.584	252	825274	49.190	ng	98
90) Benzo(a)pyrene	24.330	252	763697	49.853	ng	99
91) Dibenzo(a,h)anthracene	27.920	278	793072	49.569	ng	98
92) Benzo(g,h,i)perylene	28.924	276	760245	48.833	ng	99

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

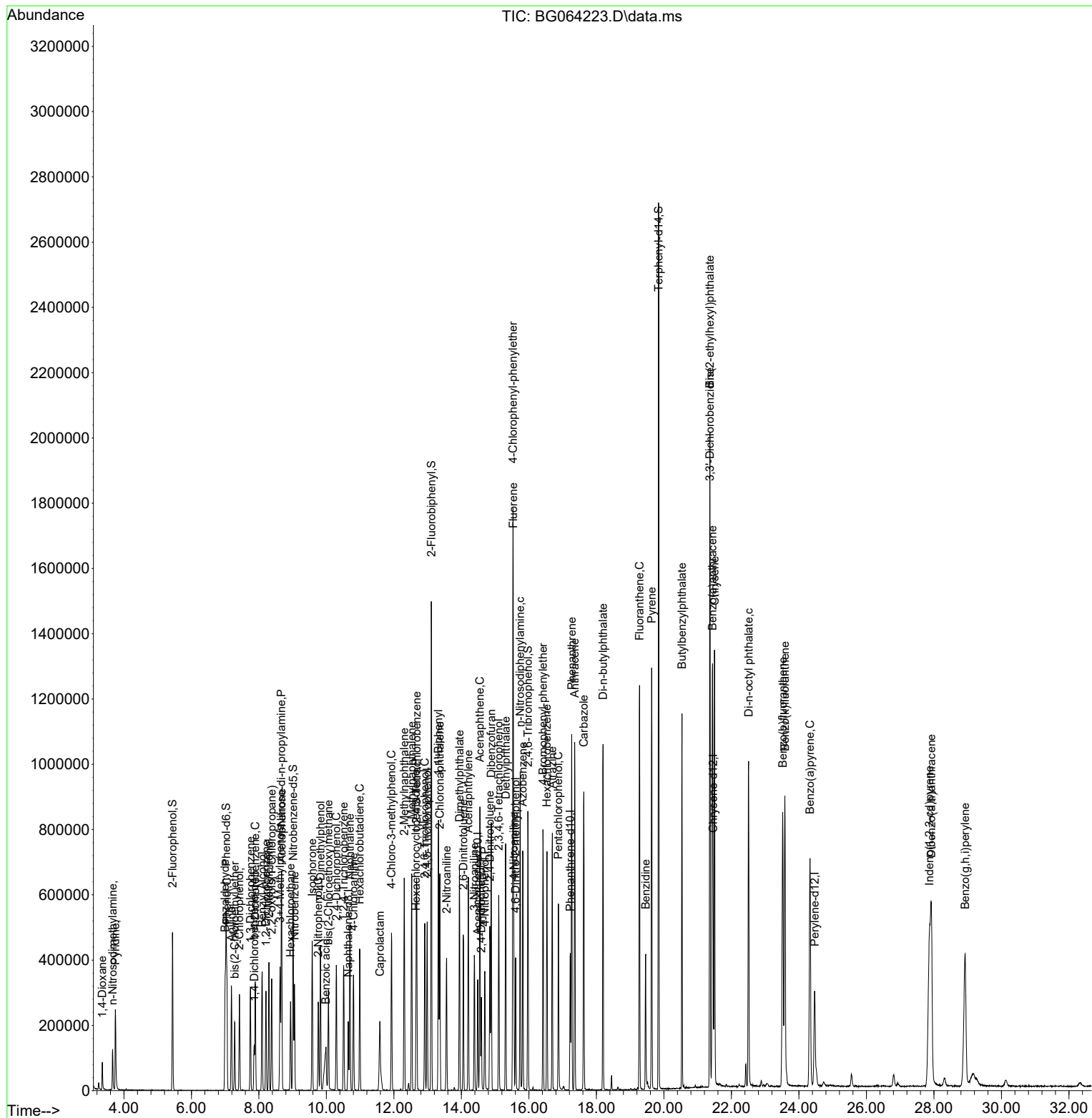
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Data File : BG064223.D
Acq On : 28 Aug 2025 14:55
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

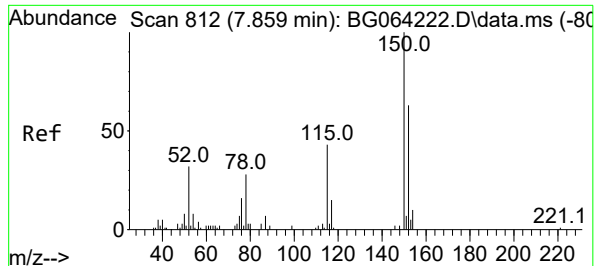
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jaagrut Upadhyay 08/29/2025

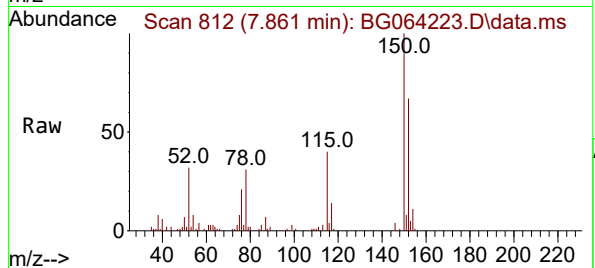
Quant Time: Aug 28 18:40:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

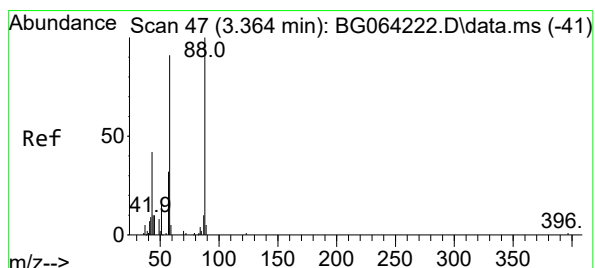
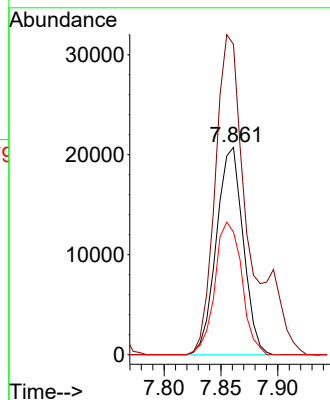
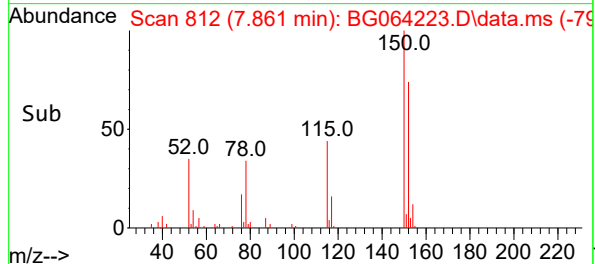
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:152 Resp: 3398
Ion Ratio Lower Upper
152 100
150 149.7 128.0 192.0
115 59.2 55.7 83.5

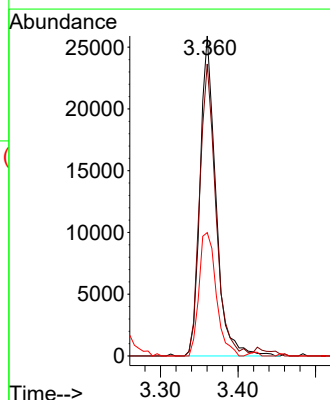
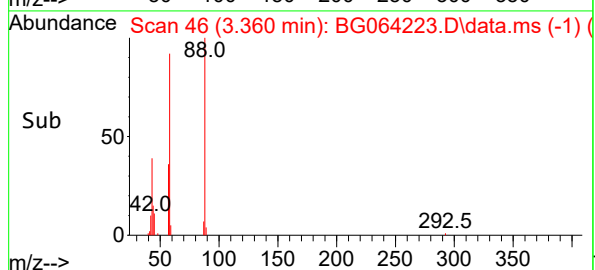
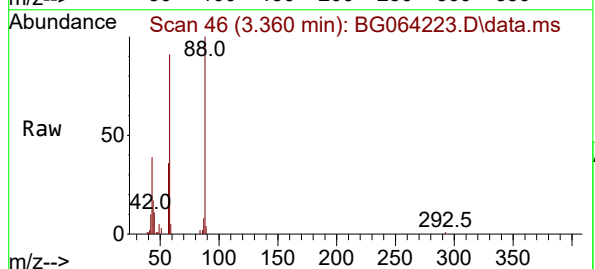
Manual Integrations
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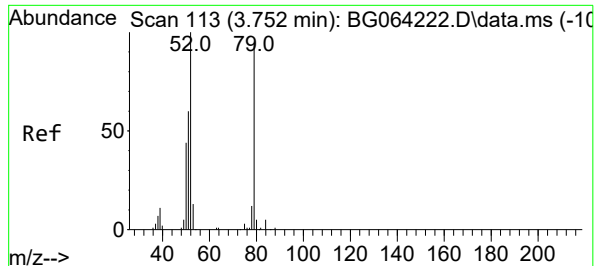
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#2
1,4-Dioxane
Concen: 46.296 ng
RT: 3.360 min Scan# 46
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

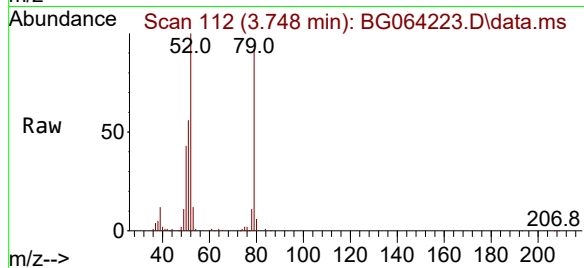
Tgt Ion: 88 Resp: 36549
Ion Ratio Lower Upper
88 100
58 93.6 80.8 121.2
43 42.1 40.3 60.5





#3
Pyridine
Concen: 48.087 ng
RT: 3.748 min Scan# 113
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

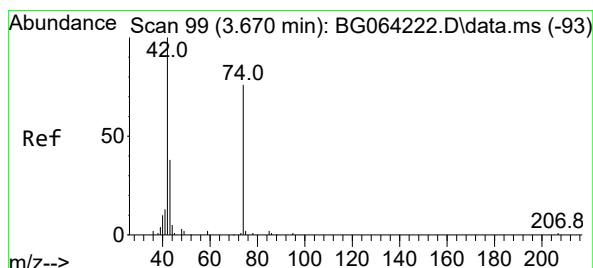
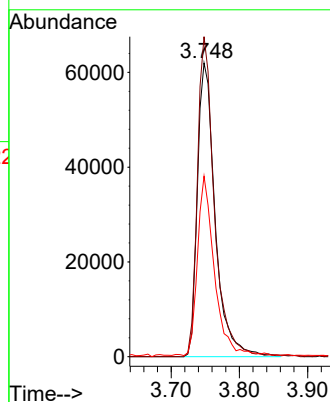
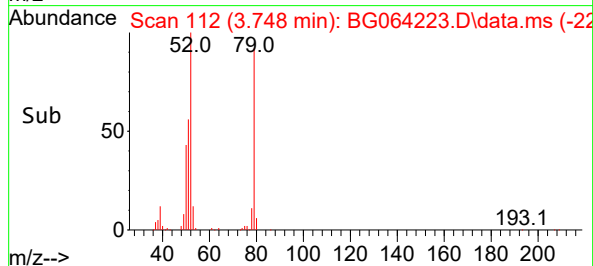
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 11174
Ion Ratio Lower Upper
79 100
52 108.9 86.6 129.8
51 61.5 114.1 171.1

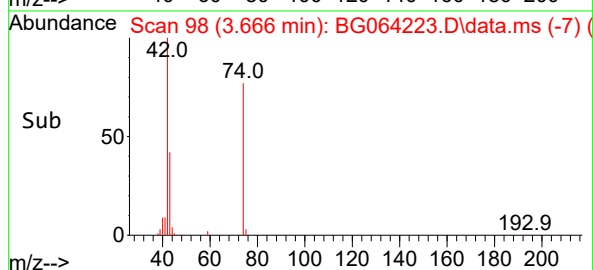
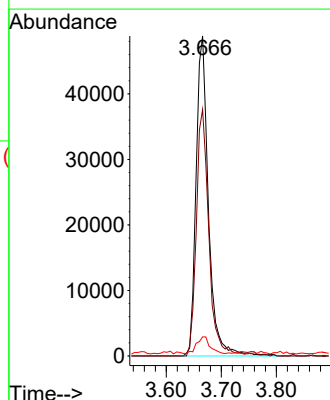
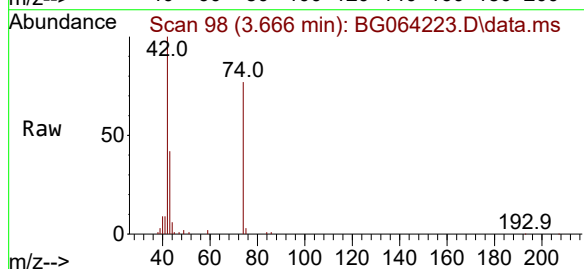
Manual Integrations
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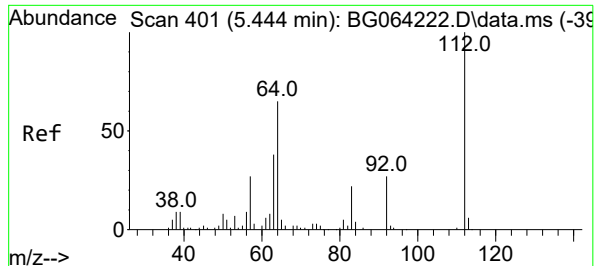
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#4
n-Nitrosodimethylamine
Concen: 49.514 ng
RT: 3.666 min Scan# 98
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

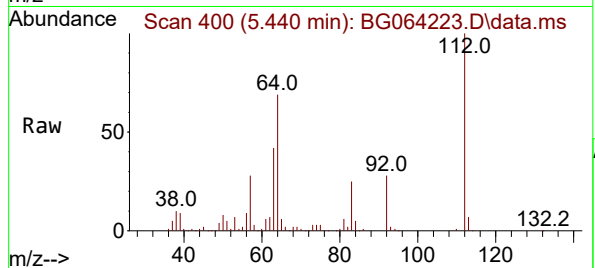
Tgt Ion: 42 Resp: 76108
Ion Ratio Lower Upper
42 100
74 77.0 58.0 87.0
44 5.9 5.5 8.3





#5
2-Fluorophenol
Concen: 96.463 ng
RT: 5.440 min Scan# 401
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

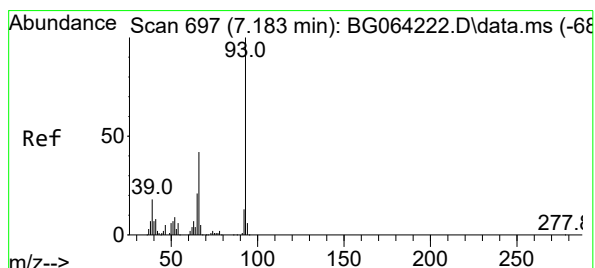
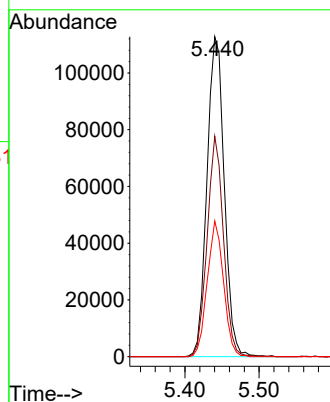
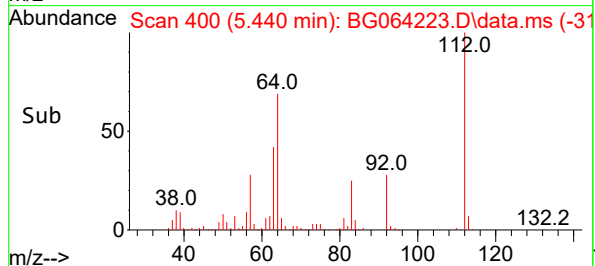
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:112 Resp: 182709
Ion Ratio Lower Upper
112 100
64 68.9 51.8 77.6
63 42.4 30.6 45.8

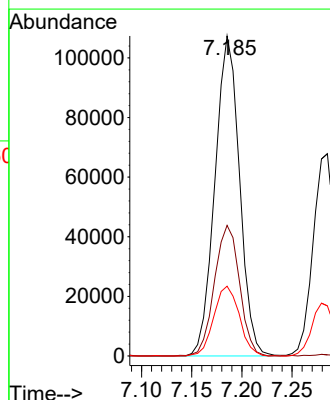
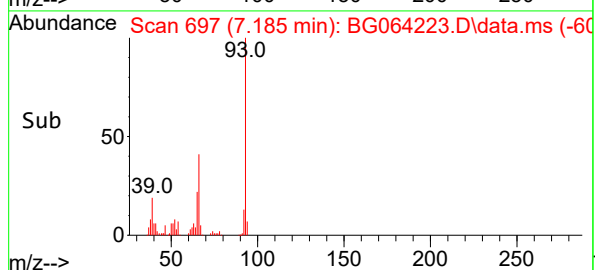
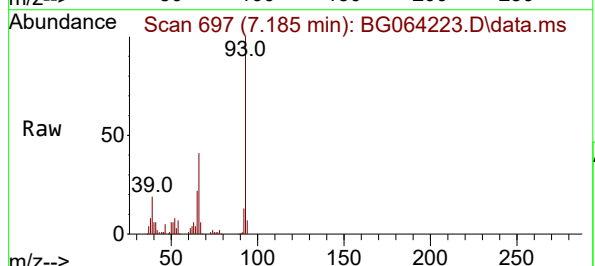
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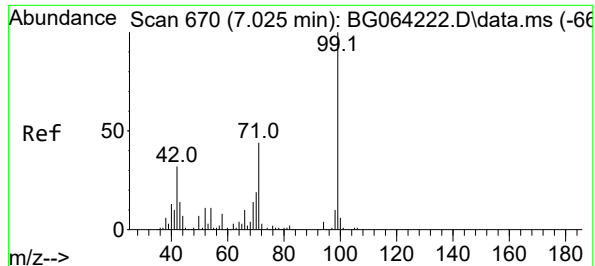
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#6
Aniline
Concen: 50.772 ng
RT: 7.185 min Scan# 697
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

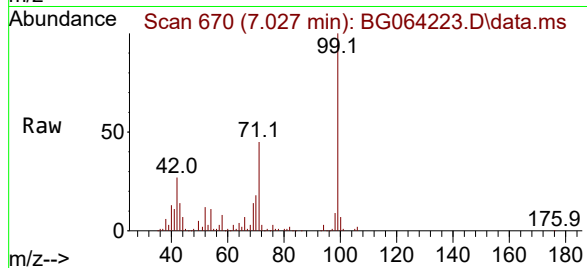
Tgt Ion: 93 Resp: 182696
Ion Ratio Lower Upper
93 100
66 40.8 33.8 50.8
65 21.8 16.9 25.3





#7
Phenol-d6
Concen: 99.362 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

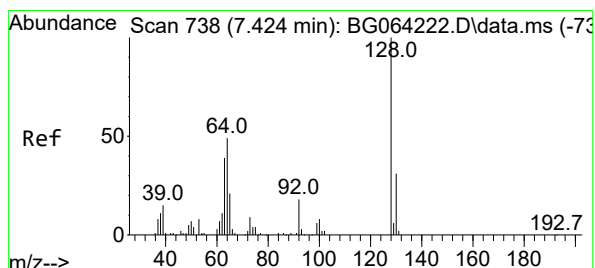
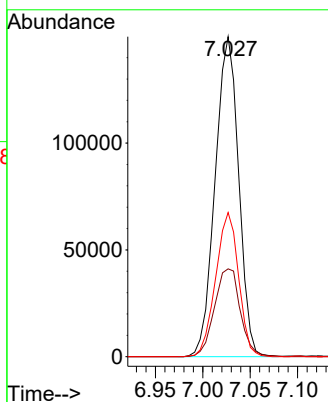
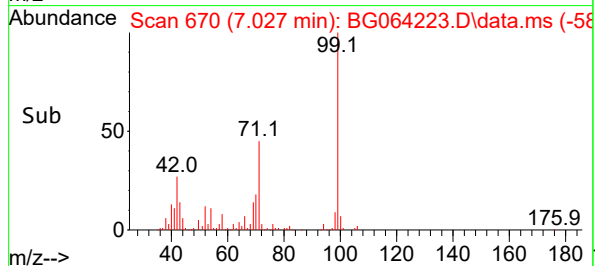
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 99 Resp: 258550
Ion Ratio Lower Upper
99 100
42 27.5 25.8 38.8
71 45.1 35.2 52.8

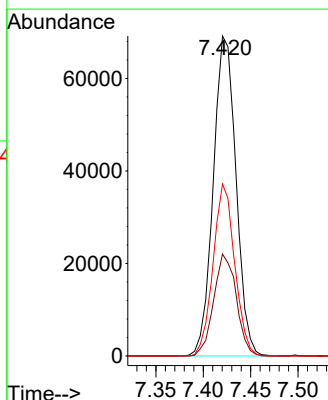
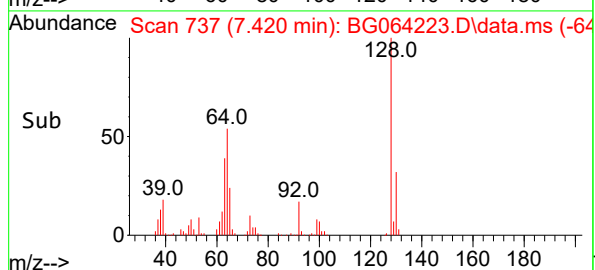
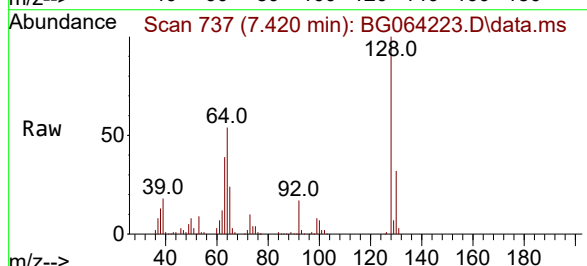
Manual Integrations
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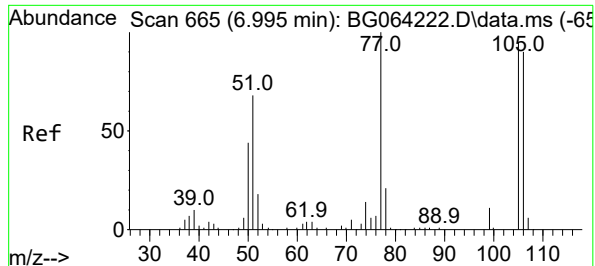
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#8
2-Chlorophenol
Concen: 49.917 ng
RT: 7.420 min Scan# 737
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

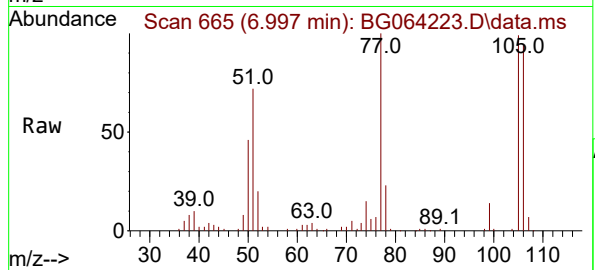
Tgt Ion:128 Resp: 115532
Ion Ratio Lower Upper
128 100
130 31.8 10.9 50.9
64 53.8 28.7 68.7





#9
Benzaldehyde
Concen: 47.310 ng m
RT: 6.997 min Scan# 665
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

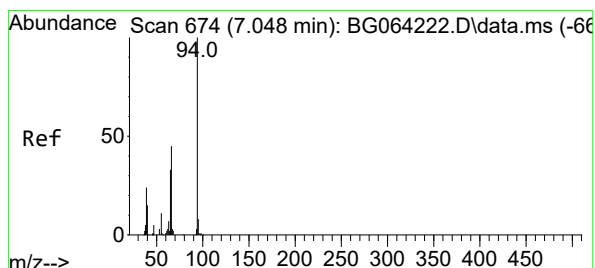
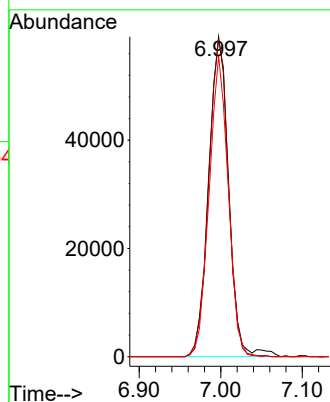
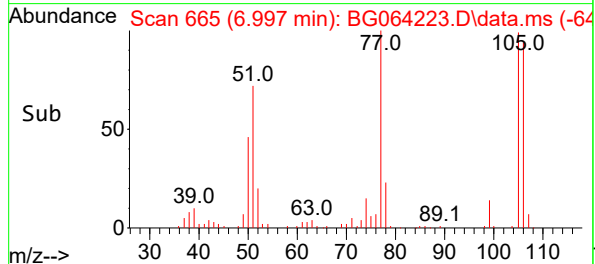
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 101310
Ion Ratio Lower Upper
77 100
105 99.0 75.2 115.2
106 94.0 69.6 109.6

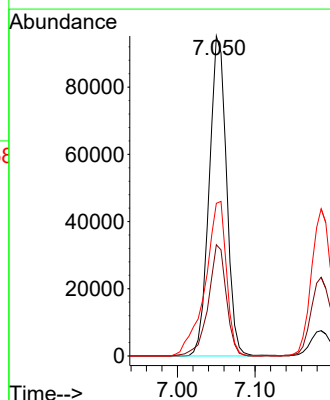
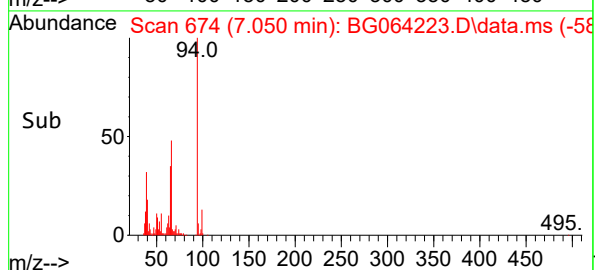
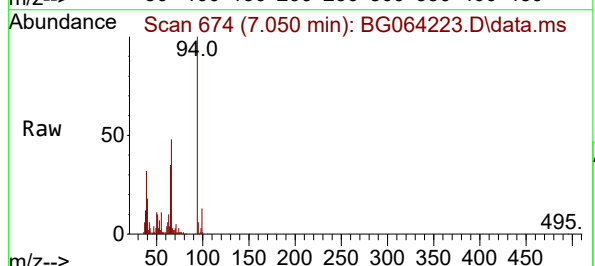
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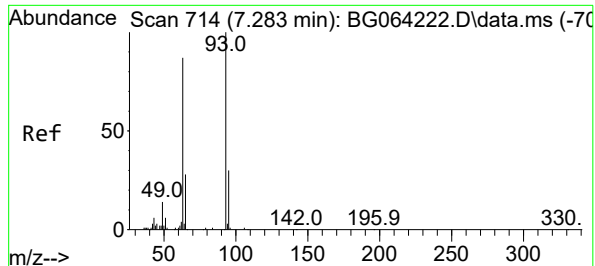
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#10
Phenol
Concen: 51.508 ng
RT: 7.050 min Scan# 674
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

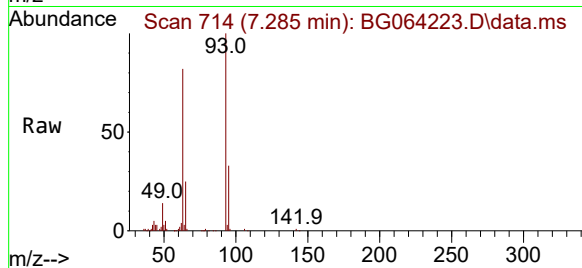
Tgt Ion: 94 Resp: 147768
Ion Ratio Lower Upper
94 100
65 34.8 13.5 53.5
66 47.7 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 49.444 ng
RT: 7.285 min Scan# 714
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

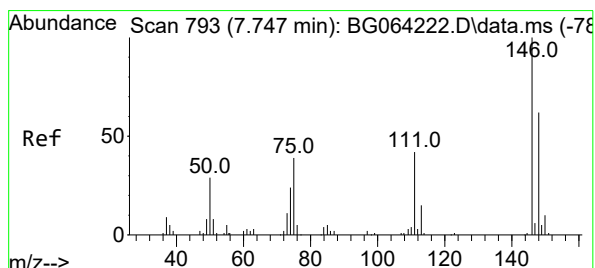
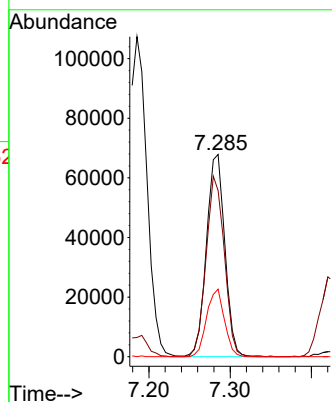
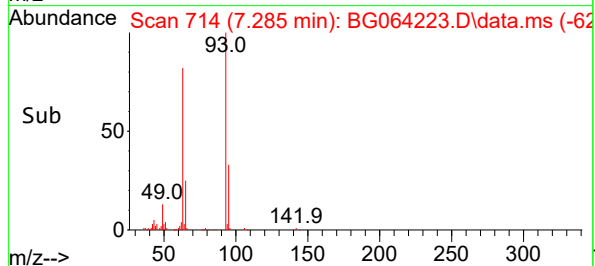
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 93 Resp: 106590
Ion Ratio Lower Upper
93 100
63 82.1 66.2 106.2
95 33.4 9.8 49.8

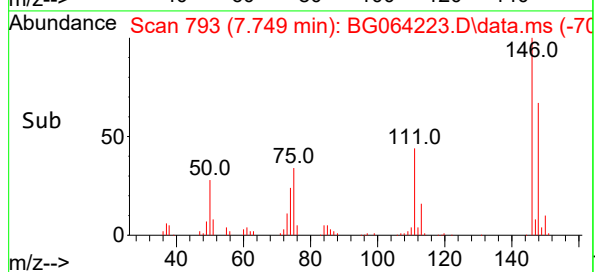
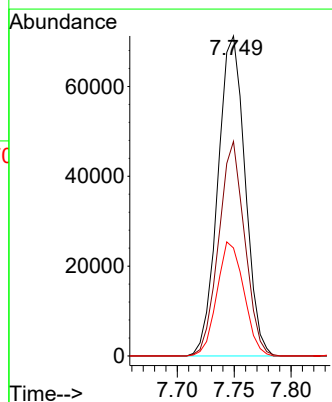
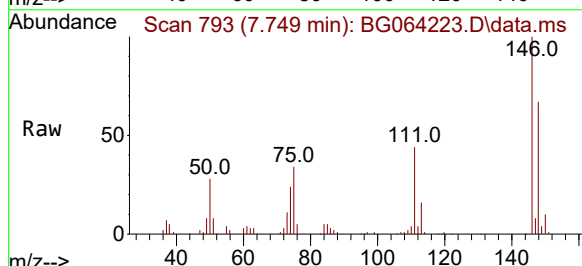
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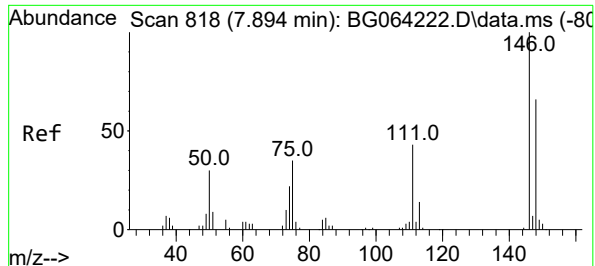
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#12
1,3-Dichlorobenzene
Concen: 48.091 ng
RT: 7.749 min Scan# 793
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:146 Resp: 118413
Ion Ratio Lower Upper
146 100
148 67.0 49.6 74.4
75 33.7 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 48.745 ng

RT: 7.890 min Scan# 818

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 12113

Ion Ratio Lower Upper

146 100

148 63.5 52.8 79.2

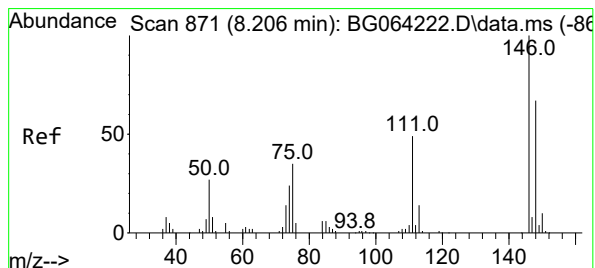
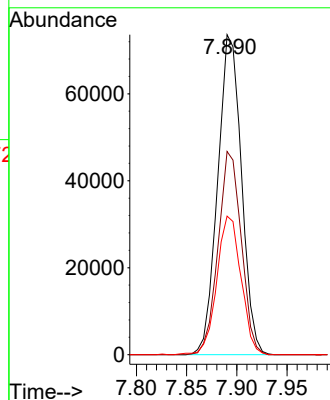
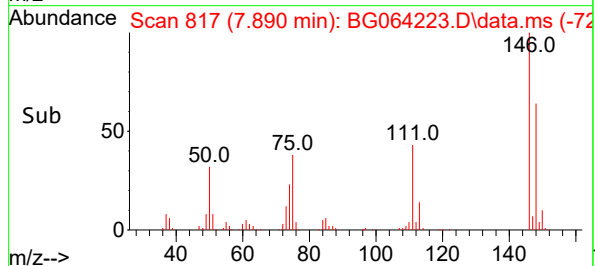
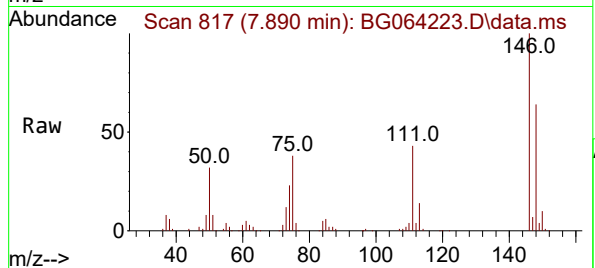
111 43.3 34.1 51.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#14

1,2-Dichlorobenzene

Concen: 48.346 ng

RT: 8.208 min Scan# 871

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

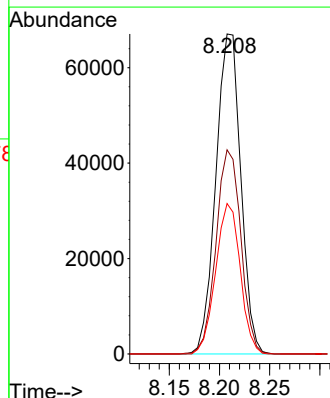
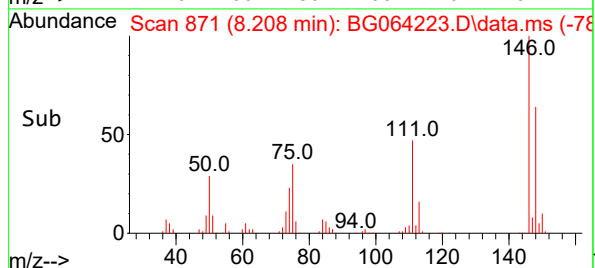
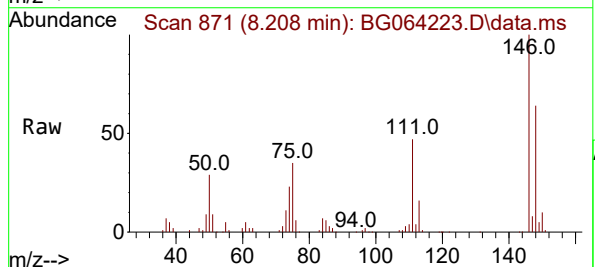
Tgt Ion:146 Resp: 115952

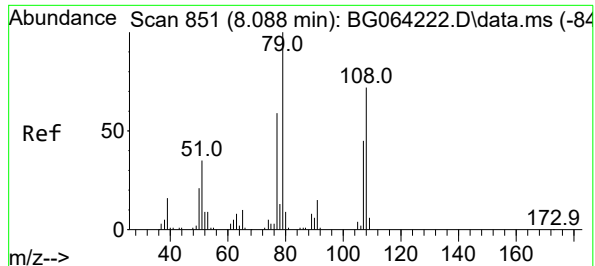
Ion Ratio Lower Upper

146 100

148 63.8 53.4 80.0

111 47.0 39.1 58.7





#15

Benzyl Alcohol

Concen: 50.666 ng

RT: 8.096 min Scan# 80

Delta R.T. 0.002 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 121664

Ion Ratio Lower Upper

79 100

108 70.2 57.4 86.0

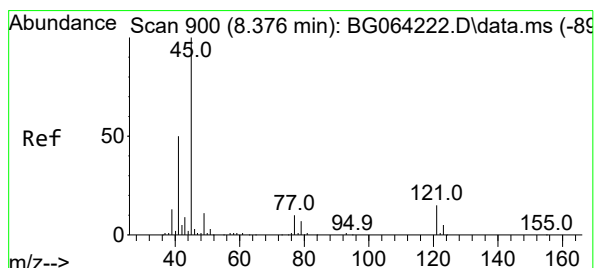
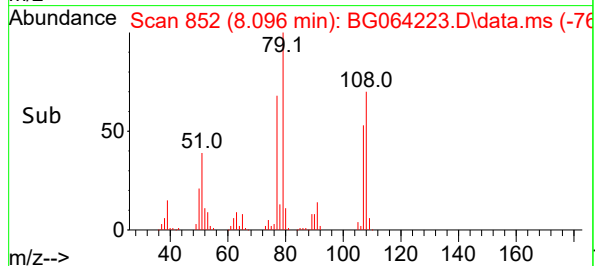
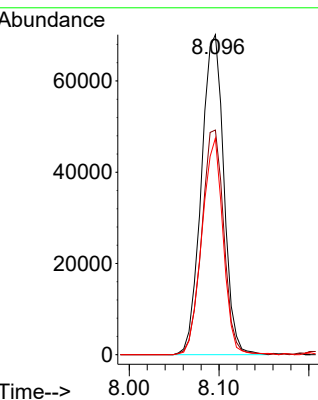
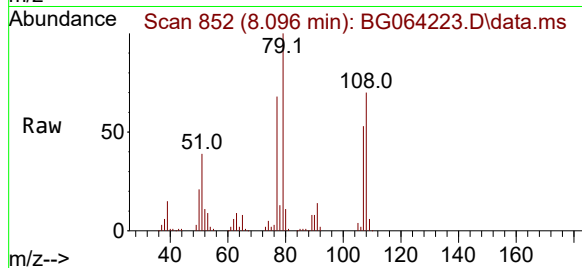
77 67.6 47.2 70.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.772 ng

RT: 8.378 min Scan# 900

Delta R.T. 0.002 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

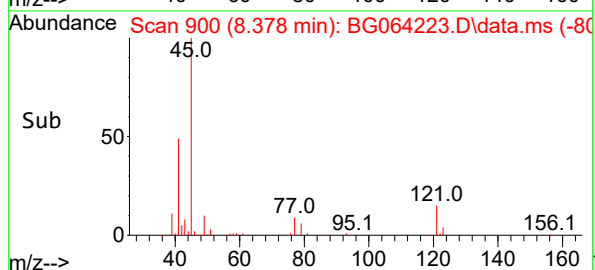
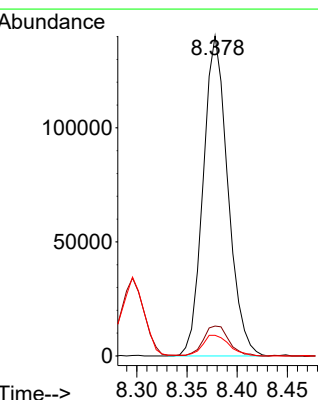
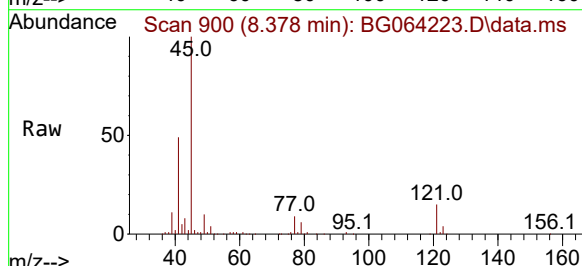
Tgt Ion: 45 Resp: 240049

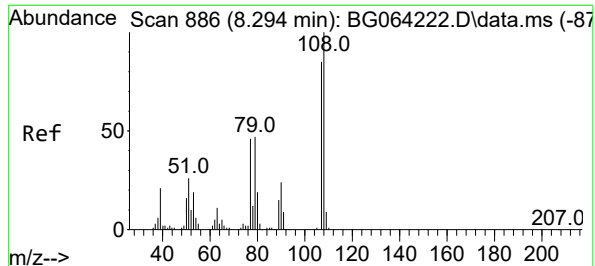
Ion Ratio Lower Upper

45 100

77 9.4 0.0 30.0

79 6.5 0.0 27.9





#17

2-Methylphenol

Concen: 48.380 ng

RT: 8.296 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 10344

Ion Ratio Lower Upper

107 100

108 109.8 94.6 141.8

77 53.9 43.7 65.5

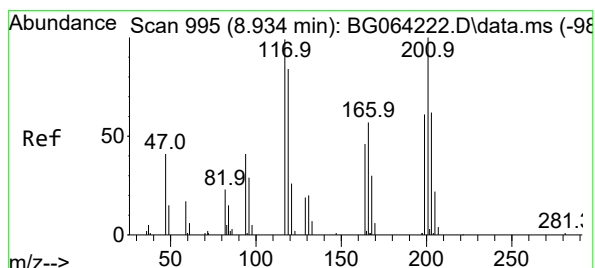
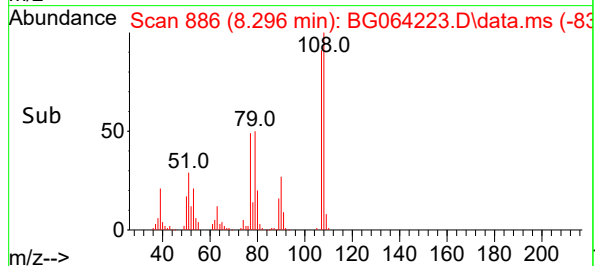
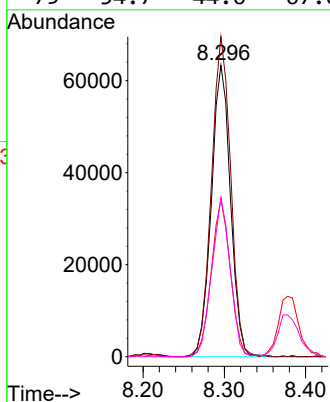
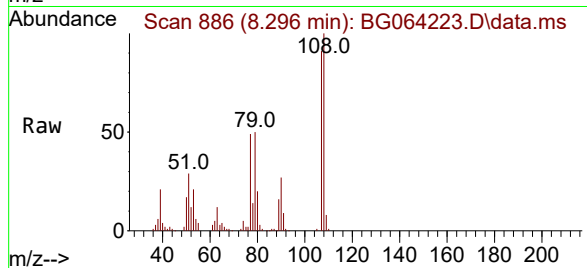
79 54.7 44.6 67.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#18

Hexachloroethane

Concen: 50.074 ng

RT: 8.936 min Scan# 995

Delta R.T. 0.002 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

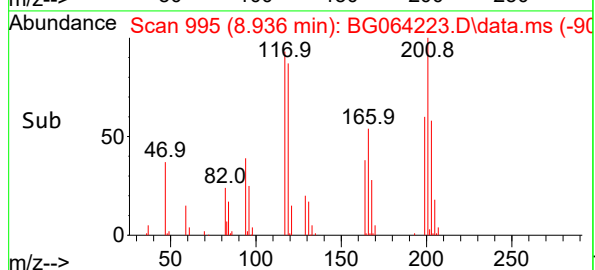
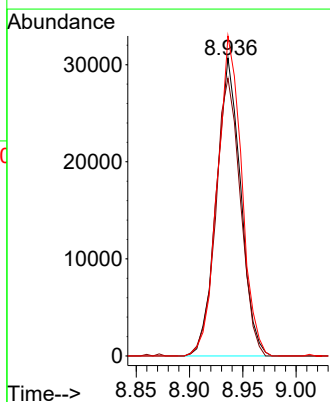
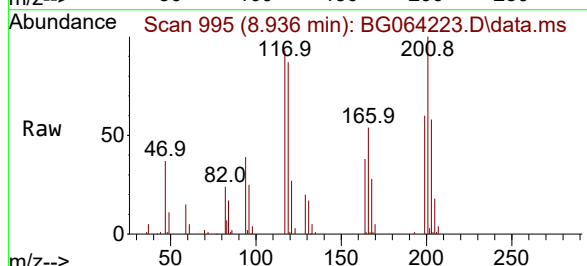
Tgt Ion:117 Resp: 48573

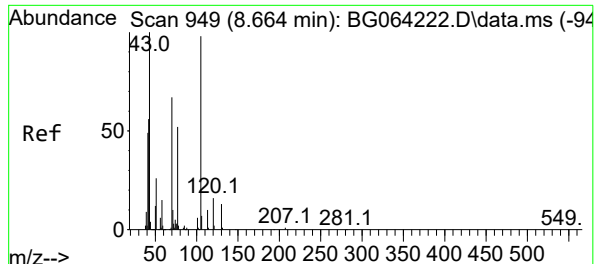
Ion Ratio Lower Upper

117 100

119 93.2 67.9 101.9

201 107.3 80.5 120.7





#19

n-Nitroso-di-n-propylamine

Concen: 51.679 ng

RT: 8.666 min Scan# 949

Delta R.T. 0.002 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 102918

Ion Ratio Lower Upper

70 100

42 92.2 67.9 101.9

101 10.5 7.3 10.9

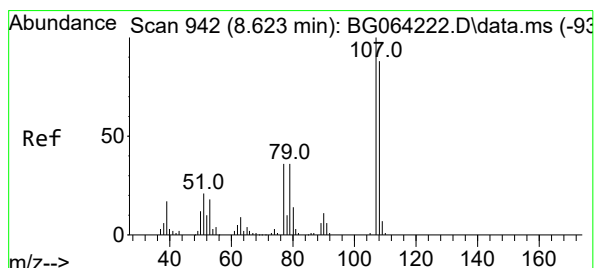
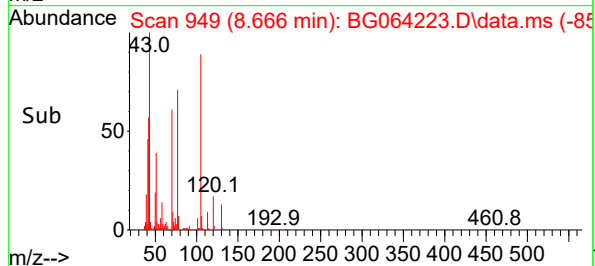
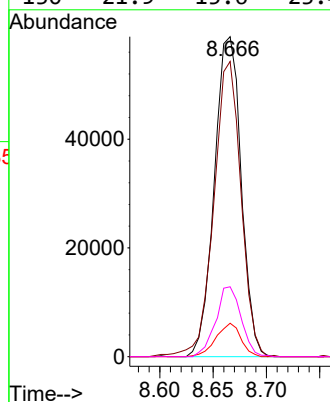
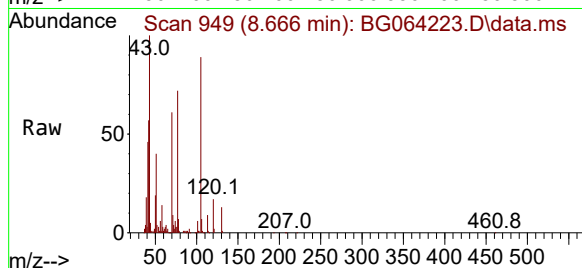
130 21.9 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#20

3+4-Methylphenols

Concen: 50.040 ng

RT: 8.625 min Scan# 942

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Tgt Ion:107 Resp: 148663

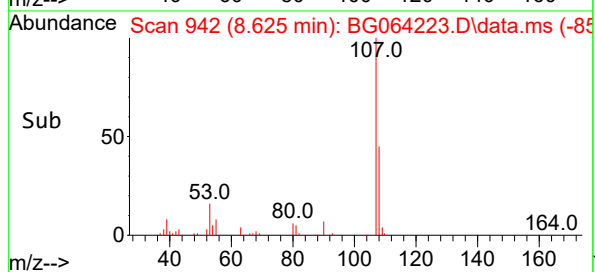
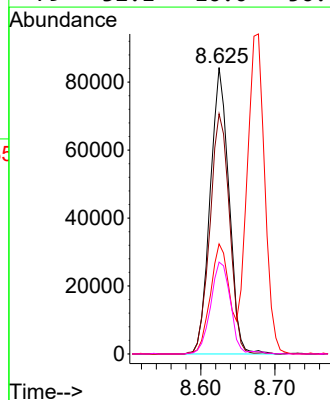
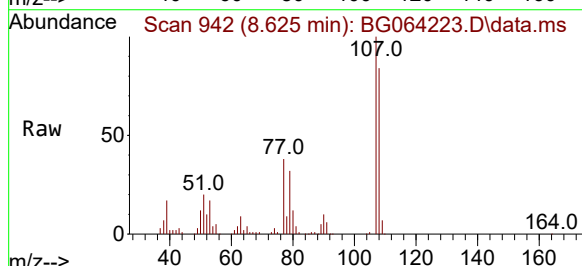
Ion Ratio Lower Upper

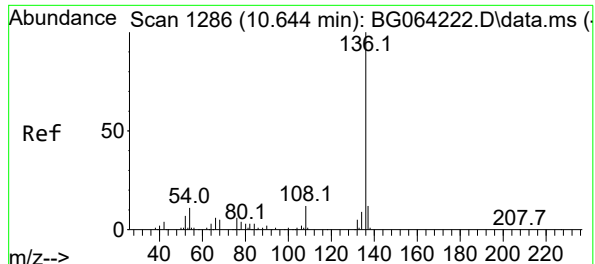
107 100

108 83.9 68.1 108.1

77 38.4 15.9 55.9

79 32.1 16.0 56.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.646 min Scan# 1286

Delta R.T. -0.004 min

Lab File: BG064223.D

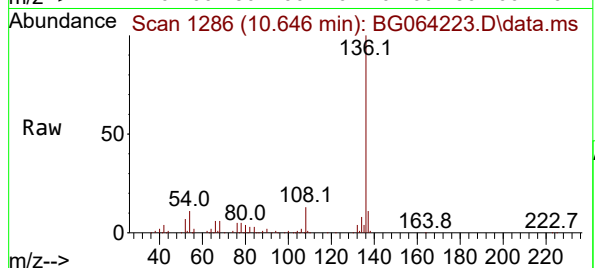
Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



Tgt Ion:136 Resp: 162789

Ion Ratio Lower Upper

136 100

137 10.9 9.6 14.4

54 11.4 8.8 13.2

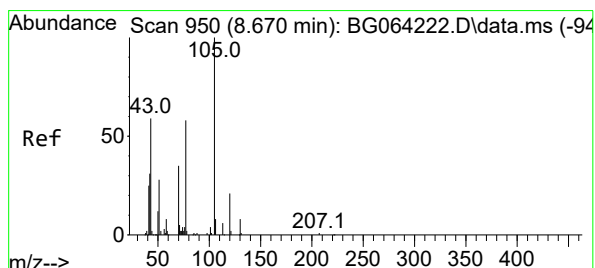
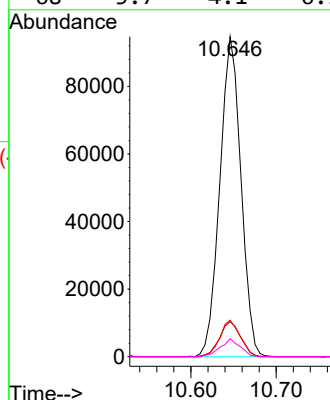
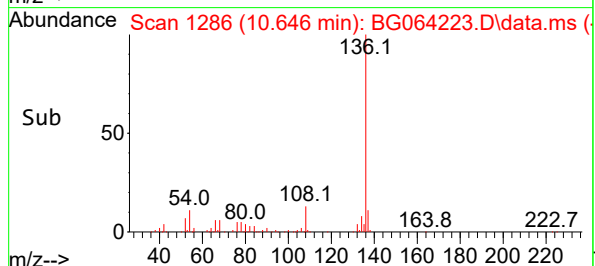
68 5.7 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#22

Acetophenone

Concen: 48.977 ng

RT: 8.678 min Scan# 951

Delta R.T. 0.002 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Tgt Ion:105 Resp: 201707

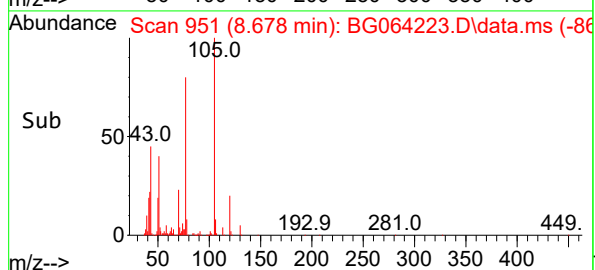
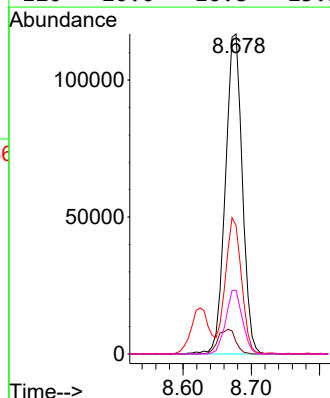
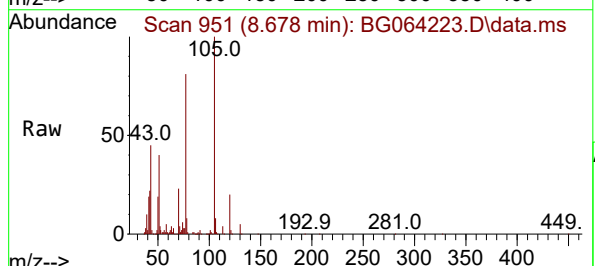
Ion Ratio Lower Upper

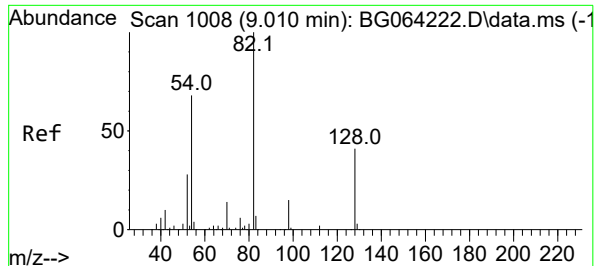
105 100

71 3.7 4.3 6.5#

51 40.2 32.4 48.6

120 20.0 16.8 25.2





#23
Nitrobenzene-d5
Concen: 99.528 ng
RT: 9.012 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

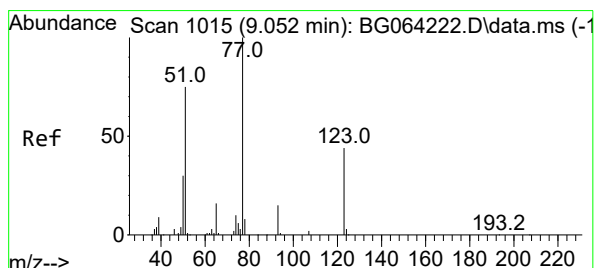
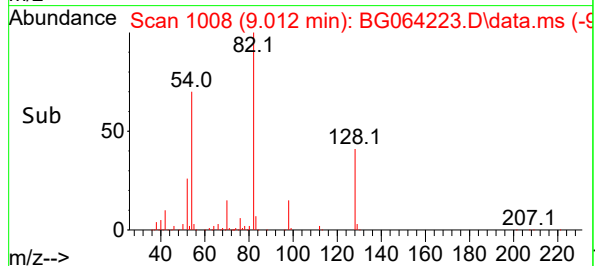
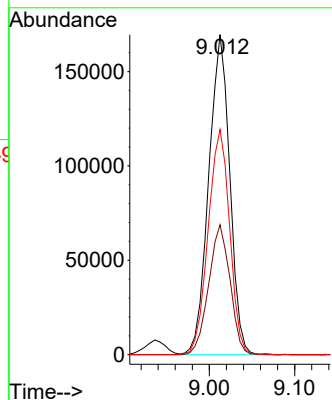
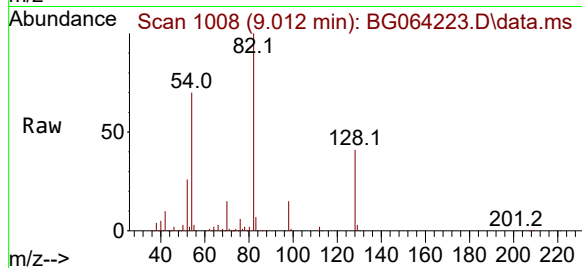
SSTDICC050

Tgt Ion: 82 Resp: 290511
Ion Ratio Lower Upper
82 100
128 40.6 32.6 48.8
54 70.4 54.7 82.1

Manual Integrations

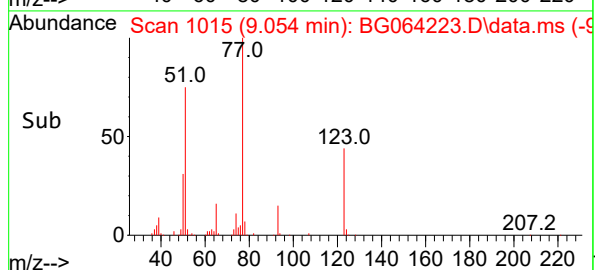
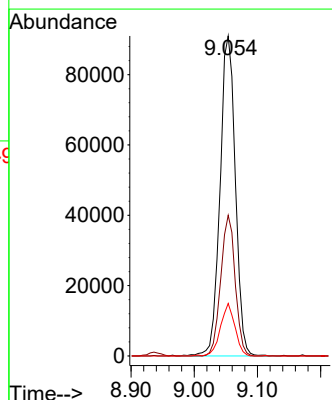
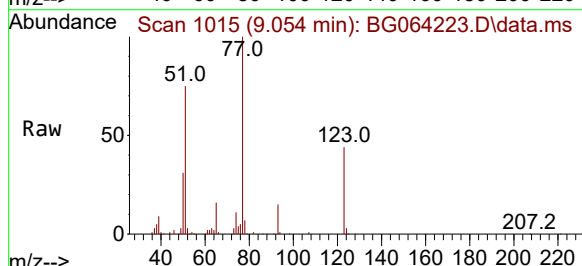
APPROVED

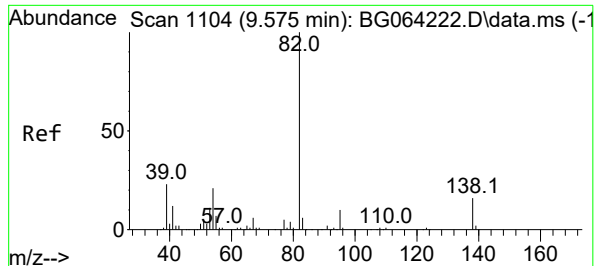
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#24
Nitrobenzene
Concen: 50.343 ng
RT: 9.054 min Scan# 1015
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

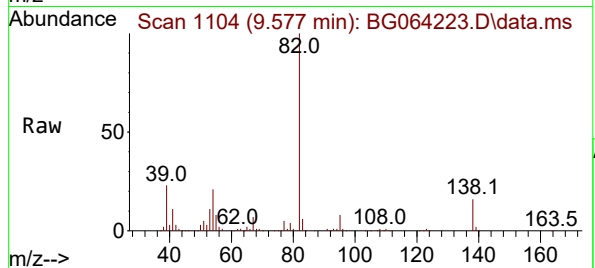
Tgt Ion: 77 Resp: 153531
Ion Ratio Lower Upper
77 100
123 43.9 35.2 52.8
65 16.4 12.6 19.0





#25
Isophorone
Concen: 49.174 ng
RT: 9.577 min Scan# 1104
Delta R.T. -0.010 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

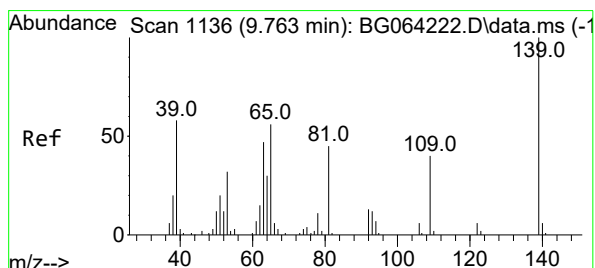
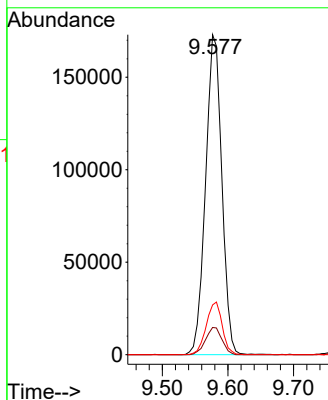
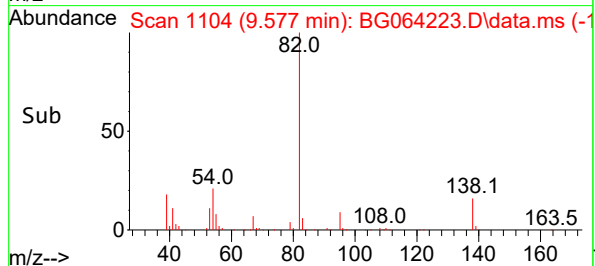
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 82 Resp: 298308
Ion Ratio Lower Upper
82 100
95 8.5 7.9 11.9
138 15.5 13.0 19.4

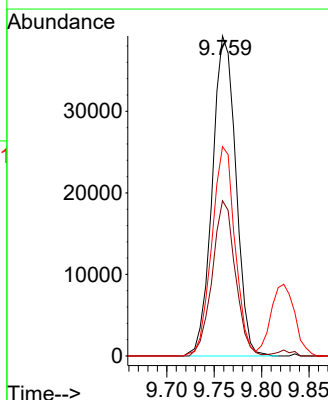
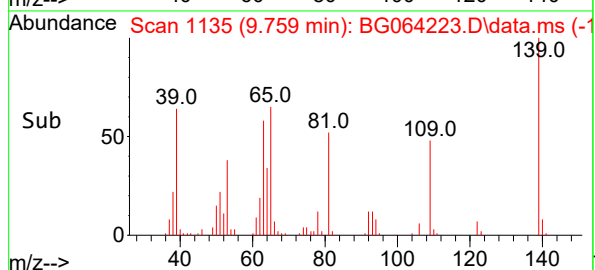
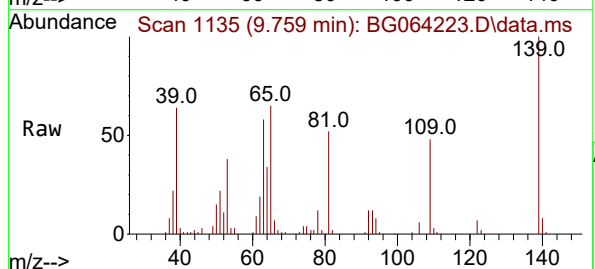
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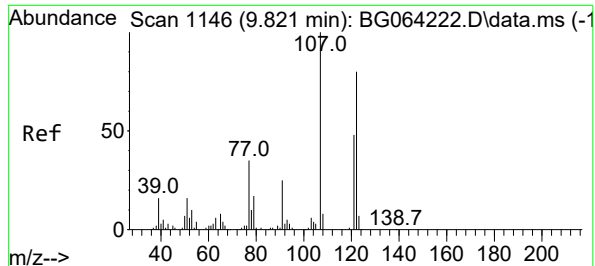
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#26
2-Nitrophenol
Concen: 51.476 ng
RT: 9.759 min Scan# 1135
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:139 Resp: 67834
Ion Ratio Lower Upper
139 100
109 48.5 32.4 48.6
65 65.4 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 48.601 ng

RT: 9.823 min Scan# 1146

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:122 Resp: 11244

Ion Ratio Lower Upper

122 100

107 124.5 99.9 149.9

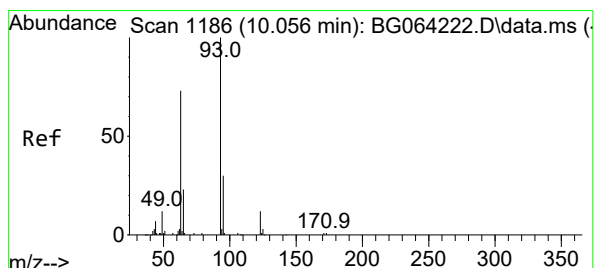
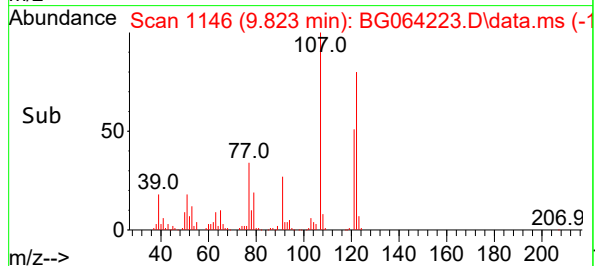
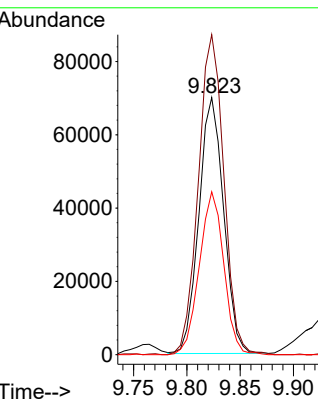
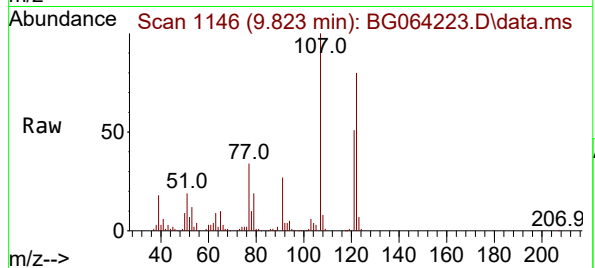
121 63.3 48.6 72.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#28

bis(2-Chloroethoxy)methane

Concen: 48.505 ng

RT: 10.058 min Scan# 1186

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

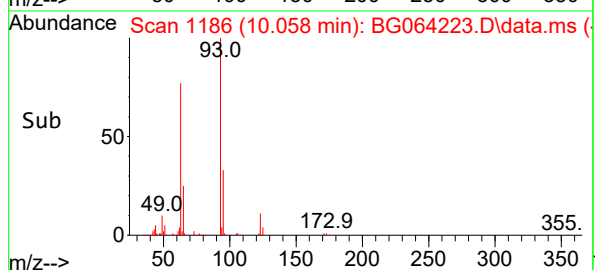
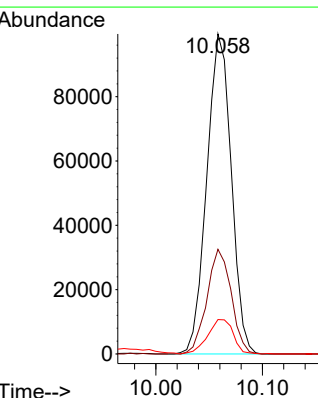
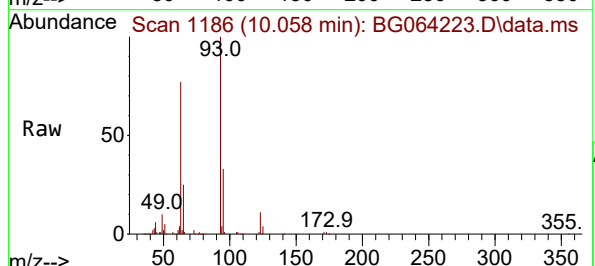
Tgt Ion: 93 Resp: 158665

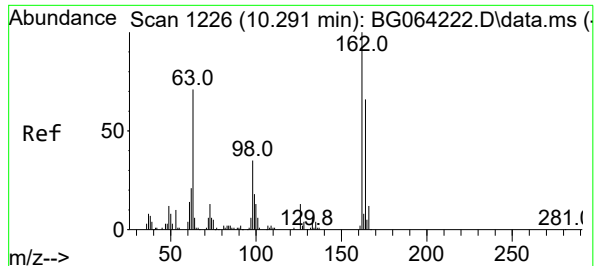
Ion Ratio Lower Upper

93 100

95 32.7 23.9 35.9

123 10.7 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 49.838 ng

RT: 10.293 min Scan# 1226

Delta R.T. -0.004 min

Lab File: BG064223.D

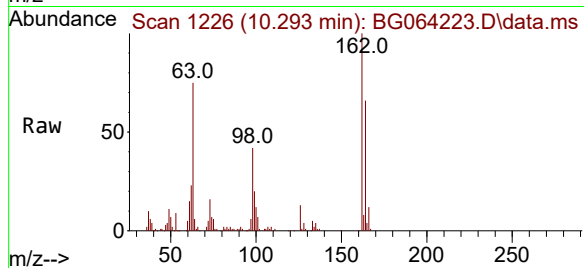
Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



Tgt Ion:162 Resp: 12166

Ion Ratio Lower Upper

162 100

164 65.6 45.8 85.8

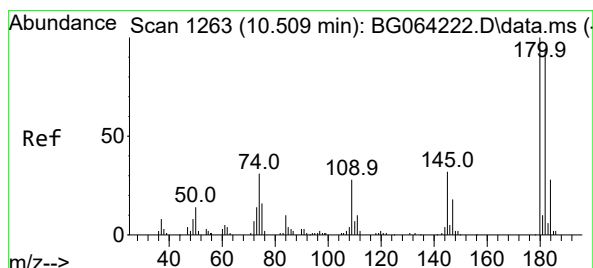
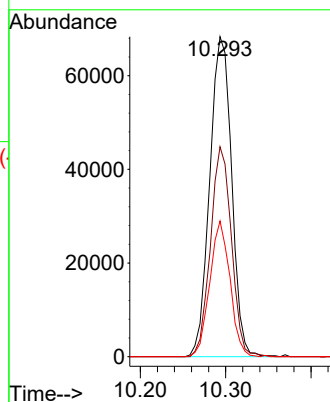
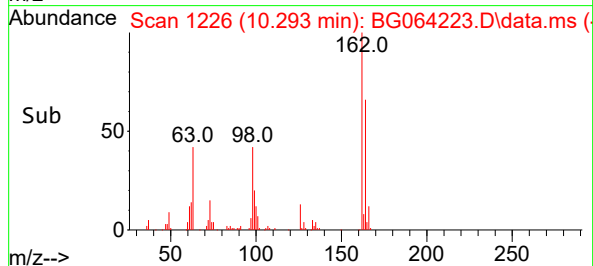
98 42.4 15.2 55.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#30

1,2,4-Trichlorobenzene

Concen: 48.771 ng

RT: 10.511 min Scan# 1263

Delta R.T. 0.002 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

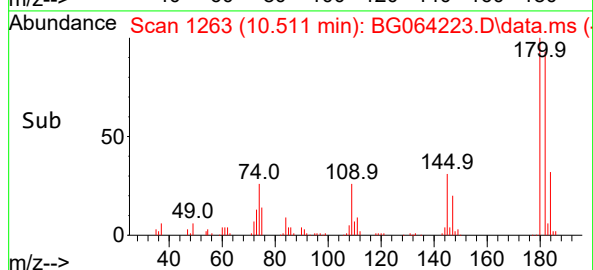
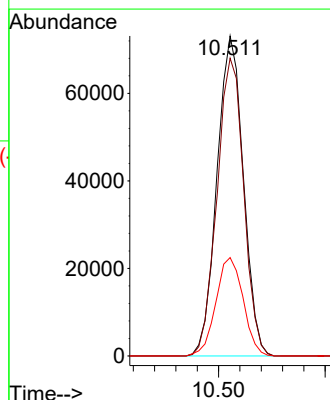
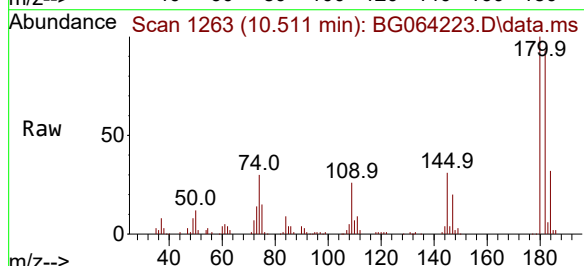
Tgt Ion:180 Resp: 125532

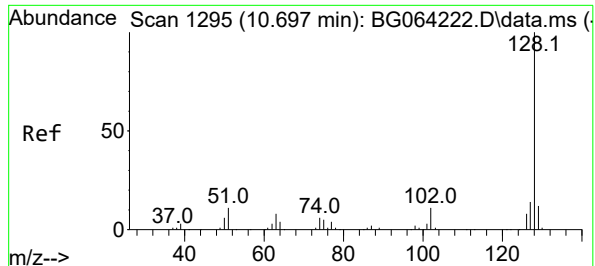
Ion Ratio Lower Upper

180 100

182 93.0 75.0 112.6

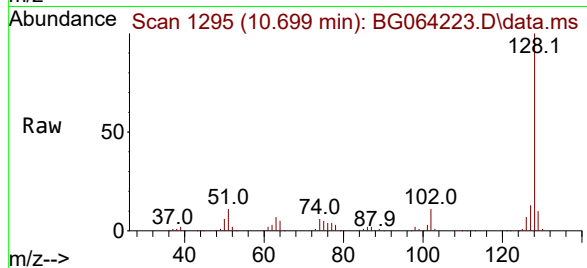
145 30.8 25.4 38.0





#31
Naphthalene
Concen: 48.392 ng
RT: 10.699 min Scan# 1173
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

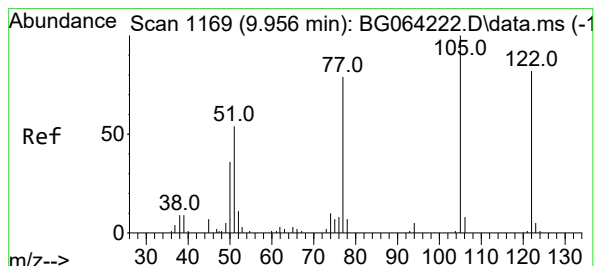
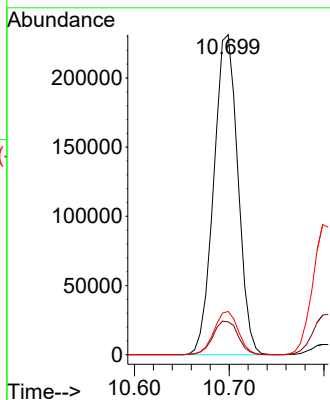
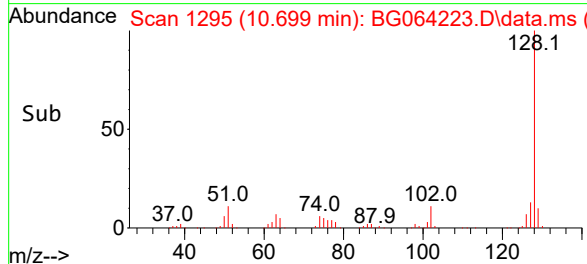
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 408504
Ion Ratio Lower Upper
128 100
129 10.2 9.4 14.2
127 13.5 10.9 16.3

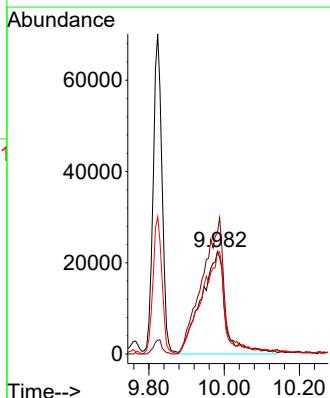
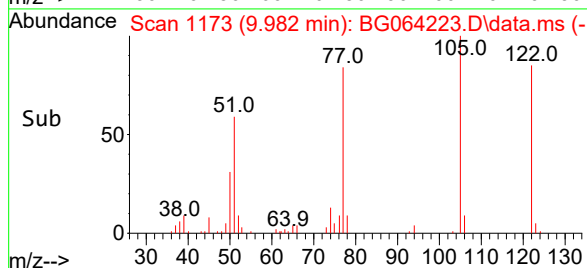
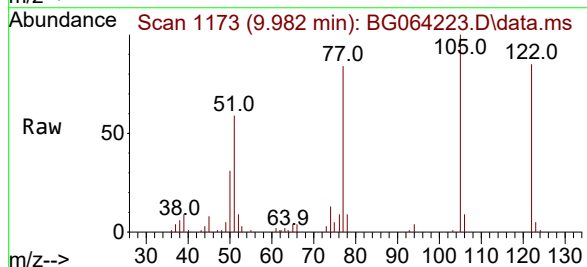
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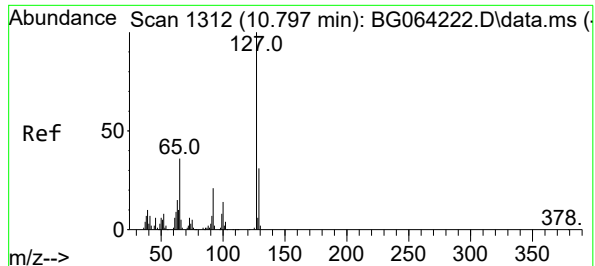
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#32
Benzoic acid
Concen: 54.670 ng m
RT: 9.982 min Scan# 1173
Delta R.T. -0.034 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

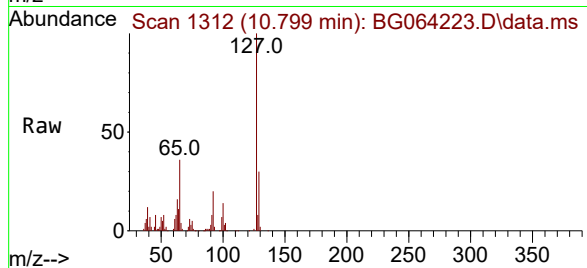
Tgt Ion:122 Resp: 100402
Ion Ratio Lower Upper
122 100
105 117.9 98.5 138.5
77 98.6 74.6 114.6





#33
4-Chloroaniline
Concen: 51.147 ng
RT: 10.799 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

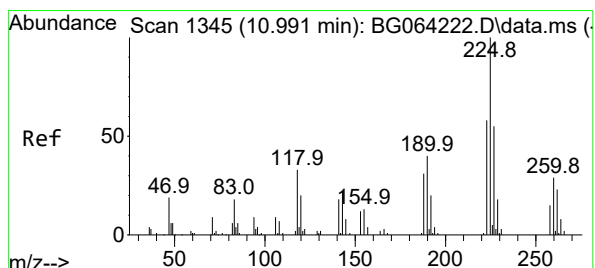
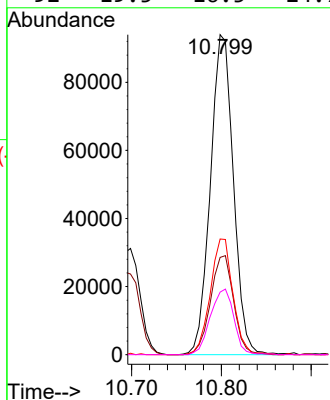
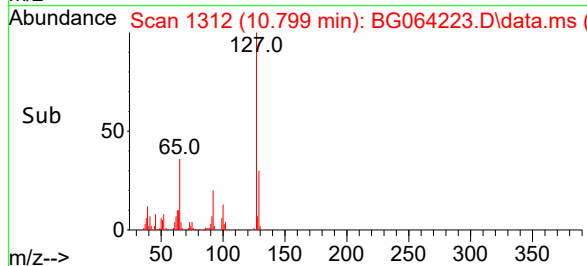
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:127 Resp: 16734
Ion Ratio Lower Upper
127 100
129 30.4 25.0 37.4
65 36.1 28.7 43.1
92 19.5 16.5 24.7

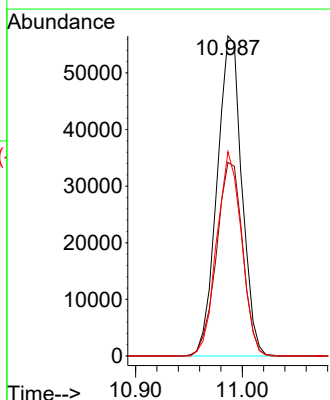
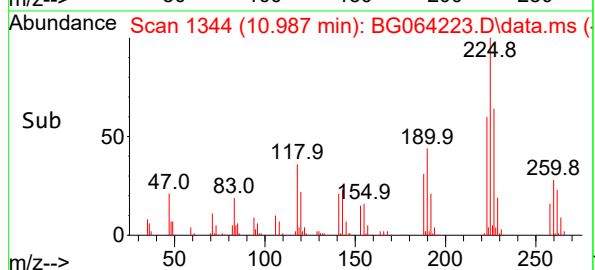
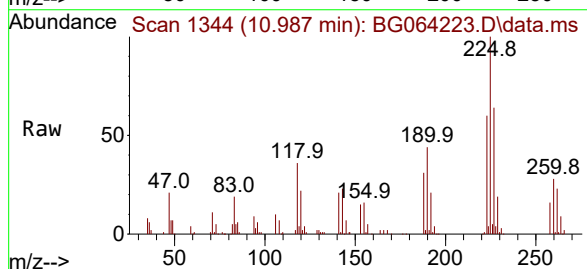
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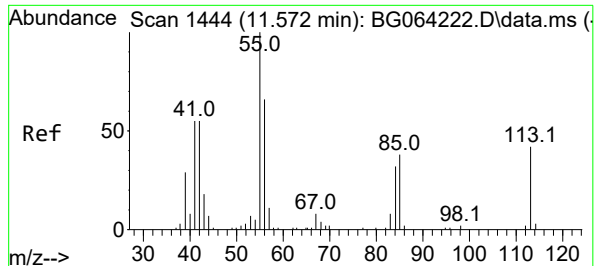
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#34
Hexachlorobutadiene
Concen: 47.853 ng
RT: 10.987 min Scan# 1344
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

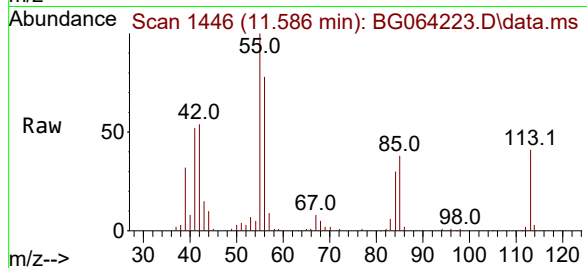
Tgt Ion:225 Resp: 91046
Ion Ratio Lower Upper
225 100
223 64.1 46.5 69.7
227 63.8 44.1 66.1





#35
Caprolactam
Concen: 48.275 ng
RT: 11.586 min Scan# 1446
Delta R.T. -0.016 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

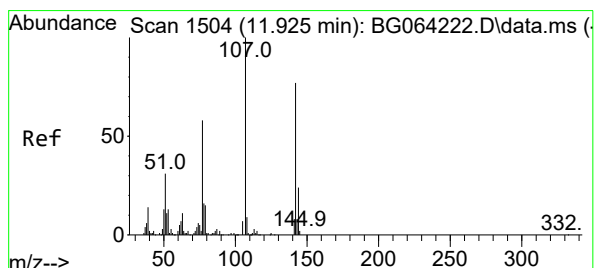
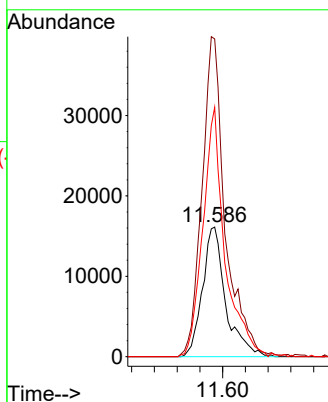
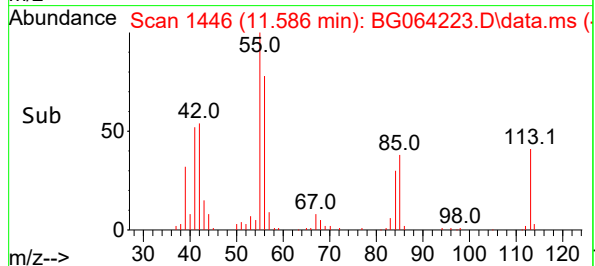
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:113 Resp: 4563
Ion Ratio Lower Upper
113 100
55 245.2 218.5 258.5
56 192.5 138.5 178.5

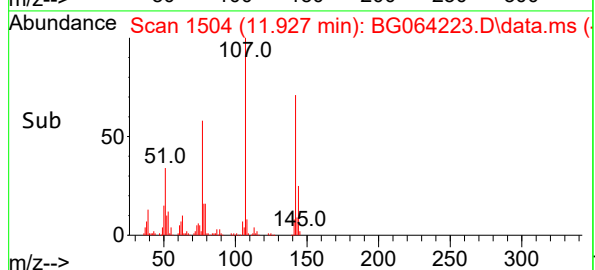
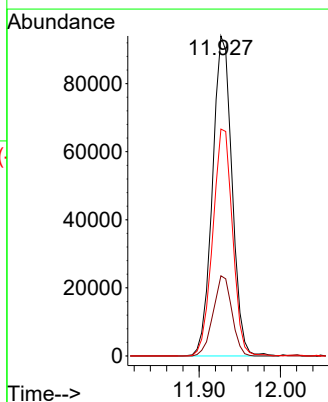
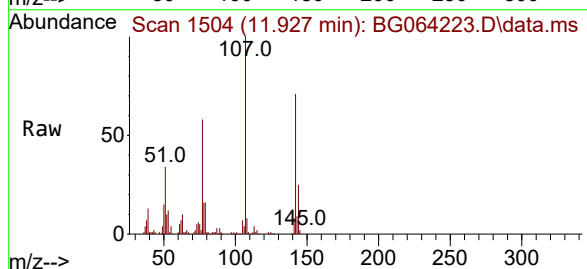
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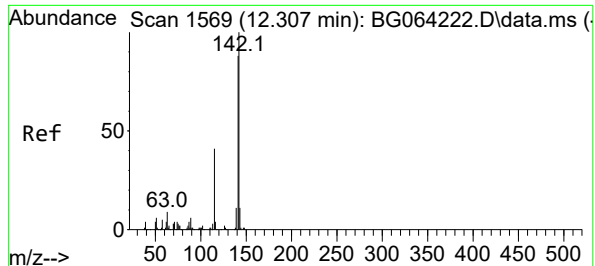
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#36
4-Chloro-3-methylphenol
Concen: 49.630 ng
RT: 11.927 min Scan# 1504
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:107 Resp: 157192
Ion Ratio Lower Upper
107 100
144 25.0 19.5 29.3
142 70.9 62.0 93.0





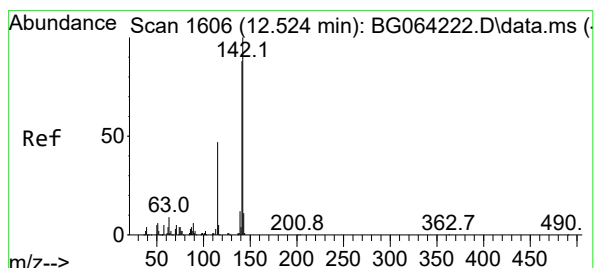
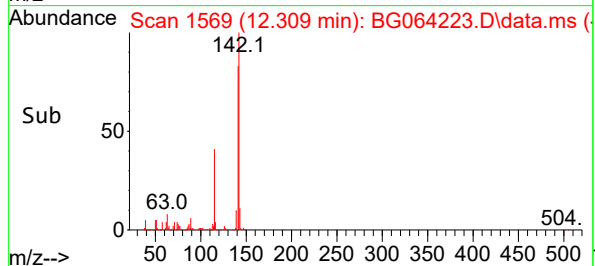
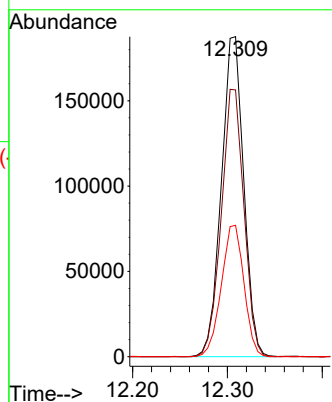
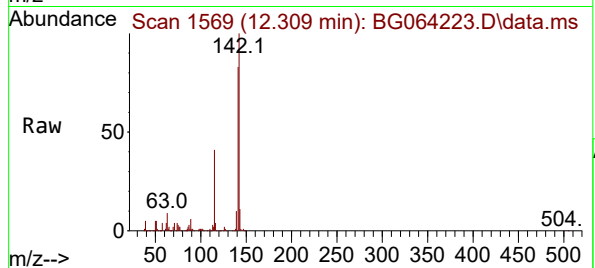
#37
2-Methylnaphthalene
Concen: 49.089 ng
RT: 12.309 min Scan# 1569
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 308014
Ion Ratio Lower Upper
142 100
141 83.4 70.1 105.1
115 41.0 33.1 49.7

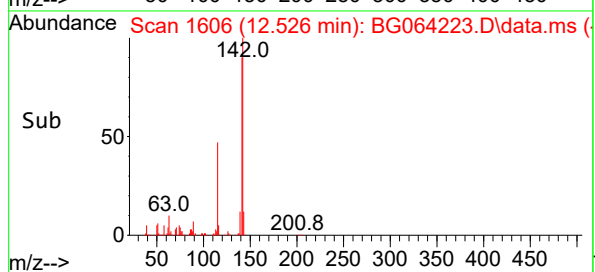
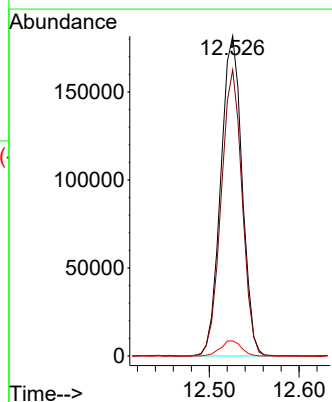
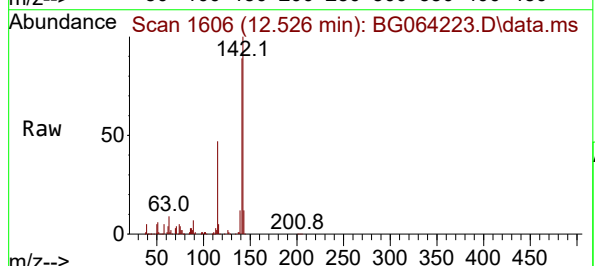
Manual Integrations
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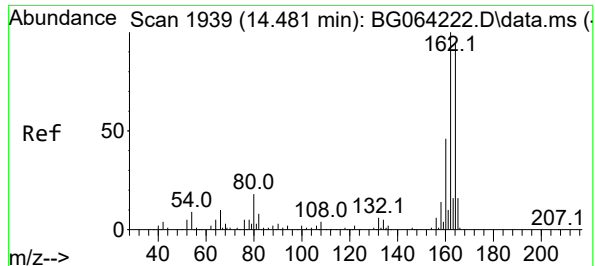
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#38
1-Methylnaphthalene
Concen: 48.315 ng
RT: 12.526 min Scan# 1606
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:142 Resp: 299438
Ion Ratio Lower Upper
142 100
141 89.4 70.3 105.5
116 4.6 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.483 min Scan# 1939

Delta R.T. 0.002 min

Lab File: BG064223.D

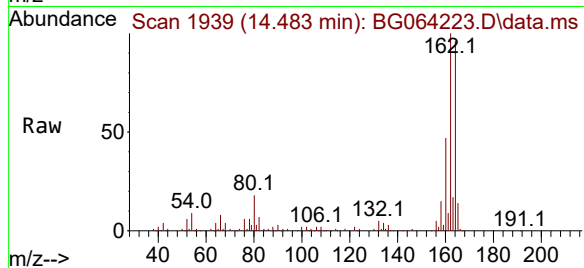
Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



Tgt Ion:164 Resp: 113459

Ion Ratio Lower Upper

164 100

162 104.5 85.4 128.0

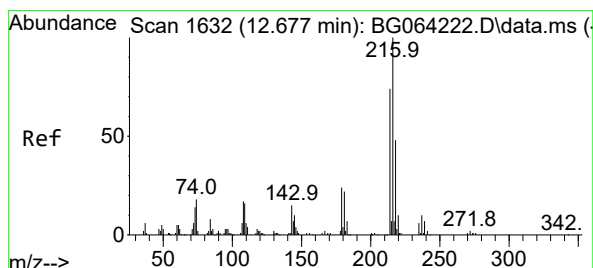
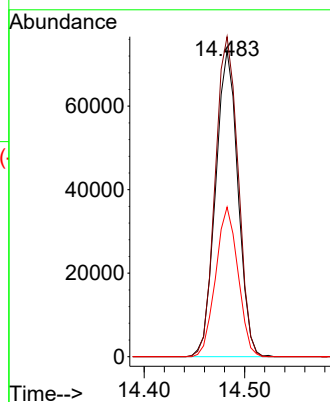
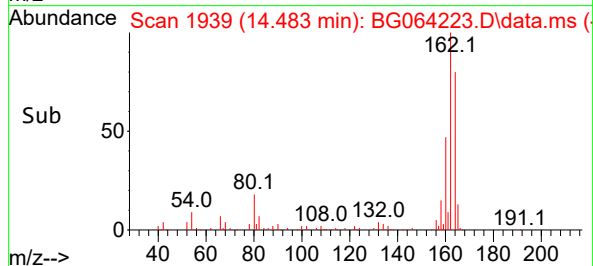
160 48.9 39.2 58.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.386 ng

RT: 12.673 min Scan# 1631

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Tgt Ion:216 Resp: 164947

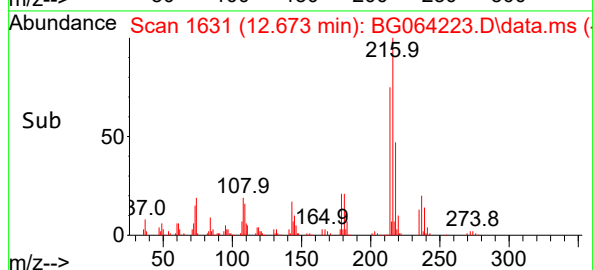
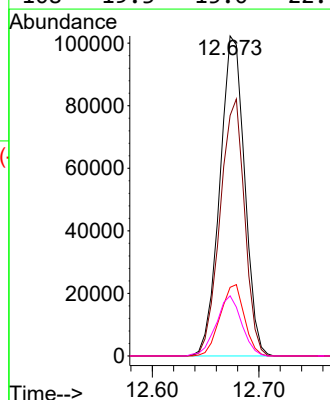
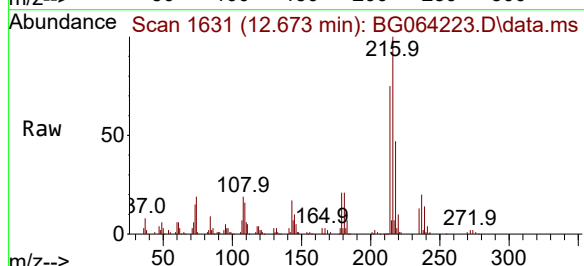
Ion Ratio Lower Upper

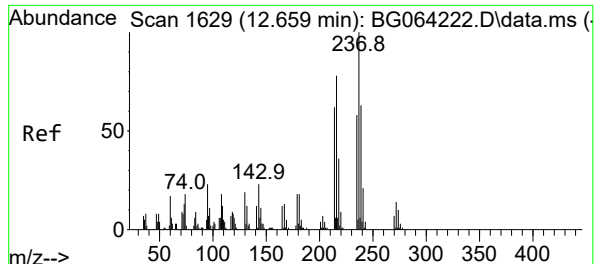
216 100

214 79.2 61.9 92.9

179 21.8 17.9 26.9

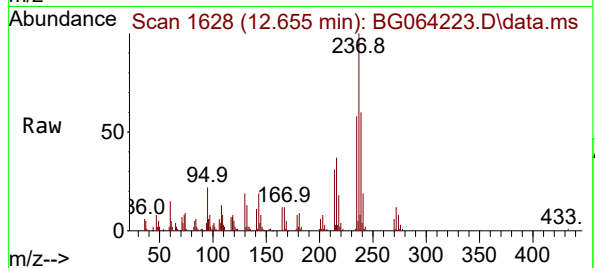
108 19.3 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 52.851 ng
RT: 12.655 min Scan# 1628
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

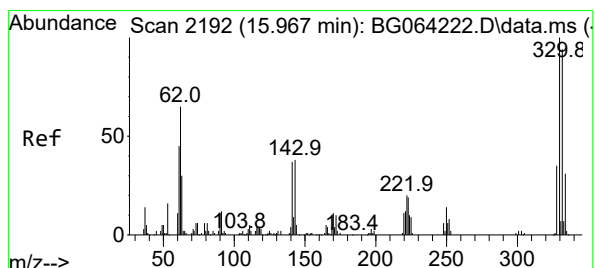
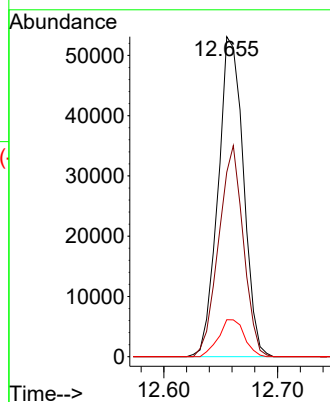
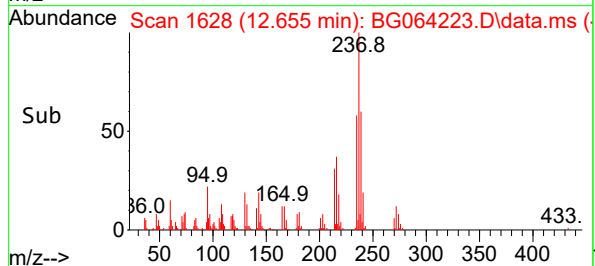
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:237 Resp: 82228
Ion Ratio Lower Upper
237 100
235 57.7 37.9 77.9
272 11.5 0.0 33.8

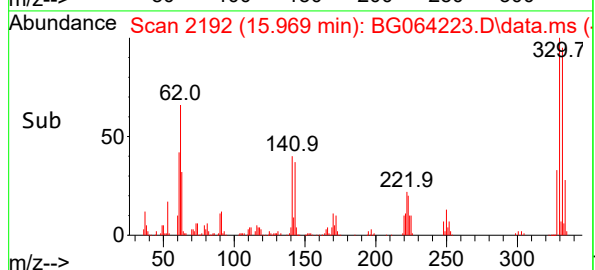
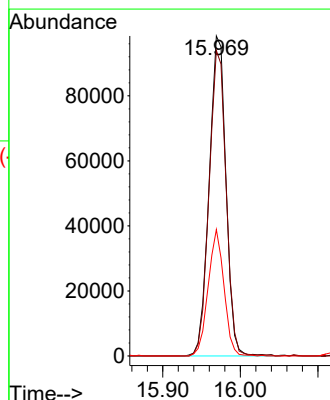
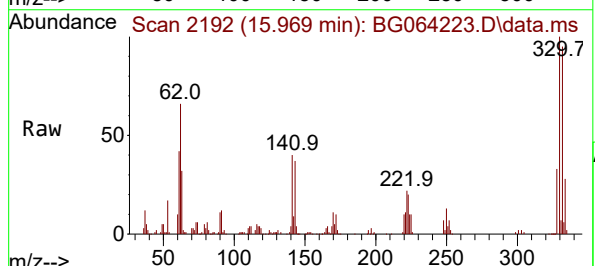
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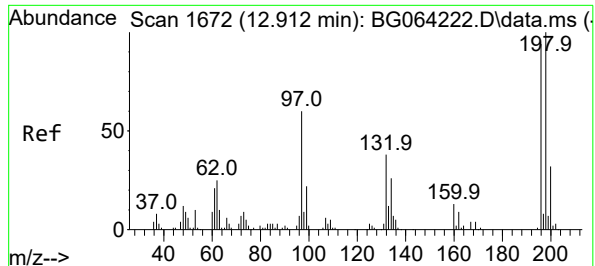
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#42
2,4,6-Tribromophenol
Concen: 98.538 ng
RT: 15.969 min Scan# 2192
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

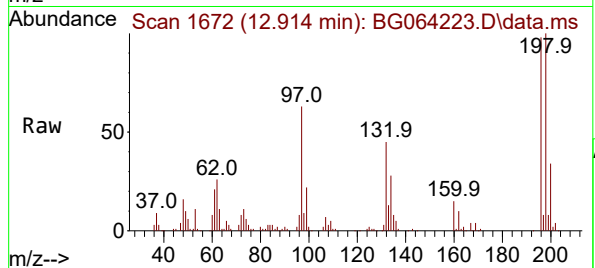
Tgt Ion:330 Resp: 148084
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 37.2 29.8 44.6





#43
2,4,6-Trichlorophenol
Concen: 49.743 ng
RT: 12.914 min Scan# 1672
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

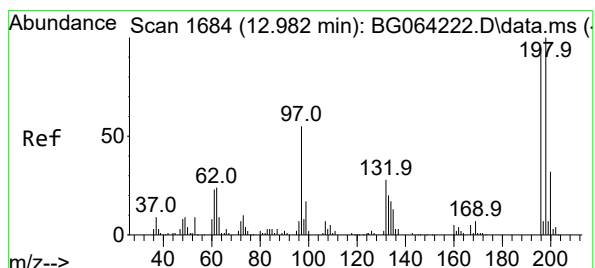
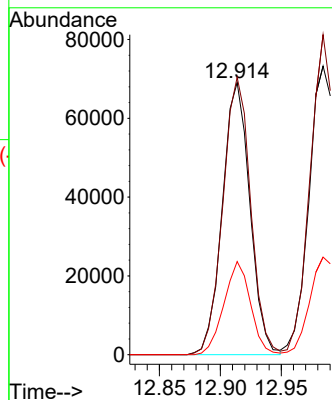
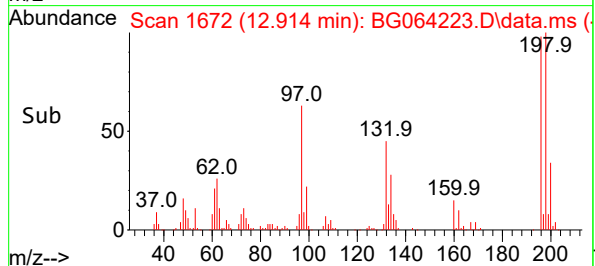
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:196 Resp: 10884
Ion Ratio Lower Upper
196 100
198 101.9 85.4 128.2
200 34.2 27.3 40.9

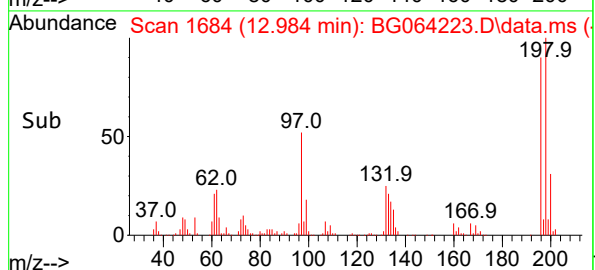
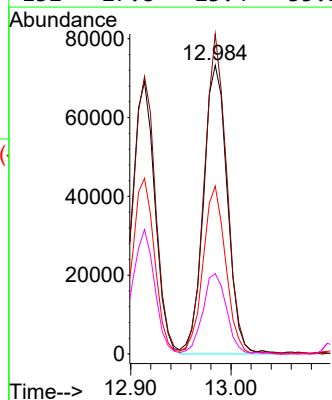
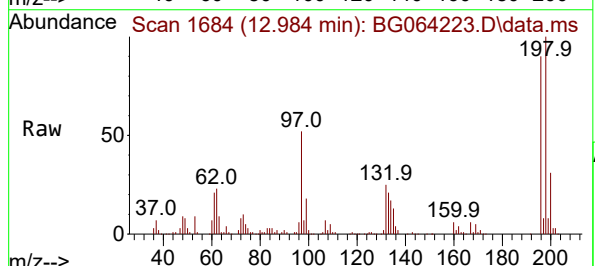
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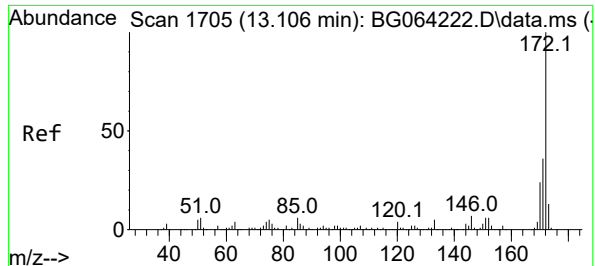
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#44
2,4,5-Trichlorophenol
Concen: 50.879 ng
RT: 12.984 min Scan# 1684
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:196 Resp: 120763
Ion Ratio Lower Upper
196 100
198 110.9 84.5 126.7
97 58.2 46.8 70.2
132 27.8 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 98.334 ng

RT: 13.108 min Scan# 1705

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:172 Resp: 730952

Ion Ratio Lower Upper

172 100

171 36.7 28.7 43.1

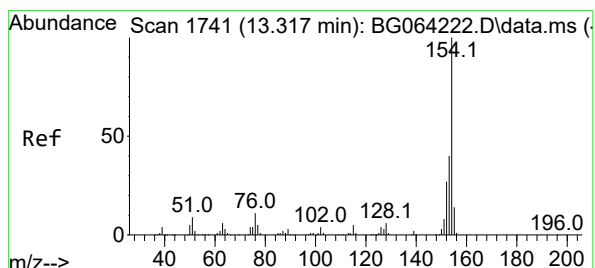
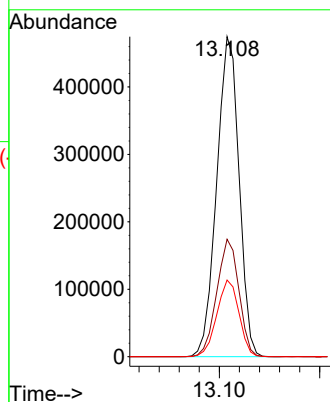
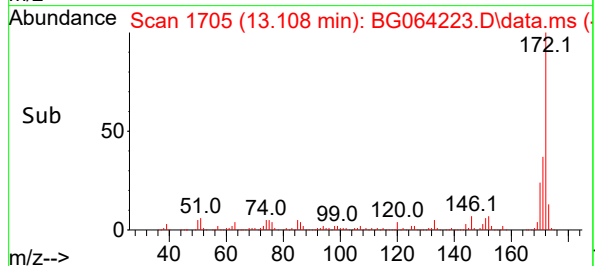
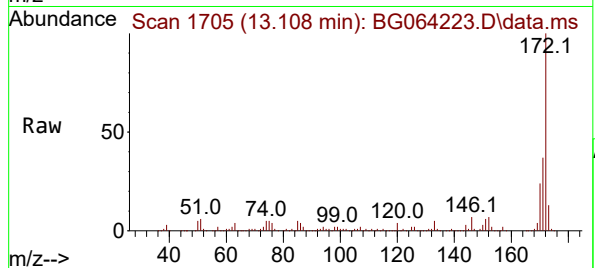
170 24.0 19.0 28.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#46

1,1'-Biphenyl

Concen: 49.719 ng

RT: 13.319 min Scan# 1741

Delta R.T. 0.002 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

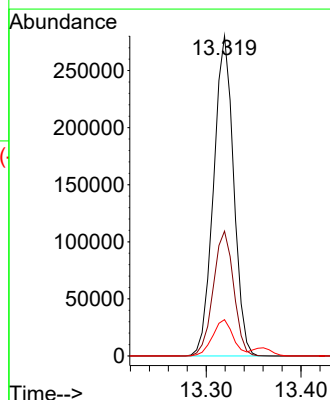
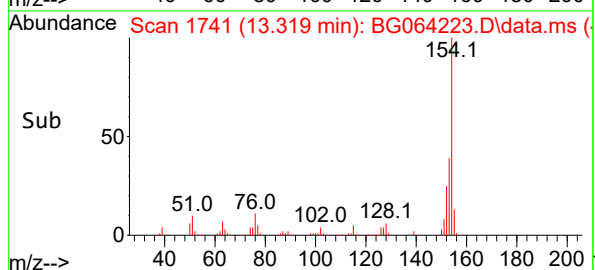
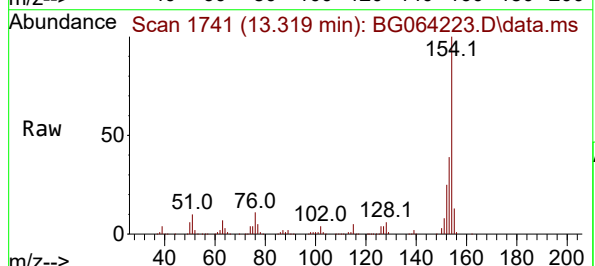
Tgt Ion:154 Resp: 410868

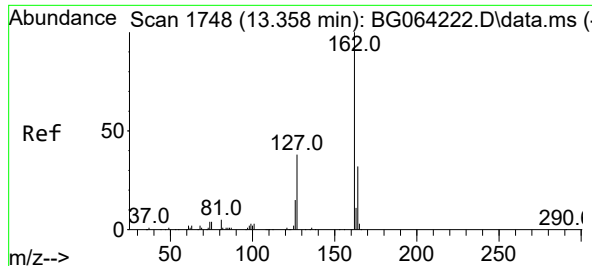
Ion Ratio Lower Upper

154 100

153 39.0 19.9 59.9

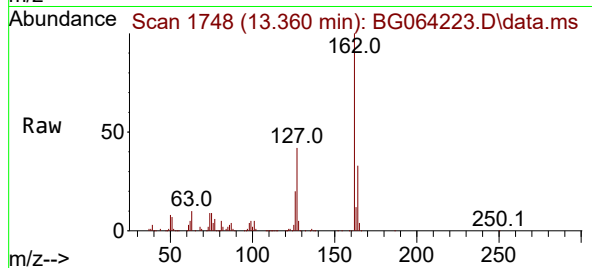
76 11.4 0.0 30.9





#47
2-Chloronaphthalene
Concen: 50.039 ng
RT: 13.360 min Scan# 1748
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

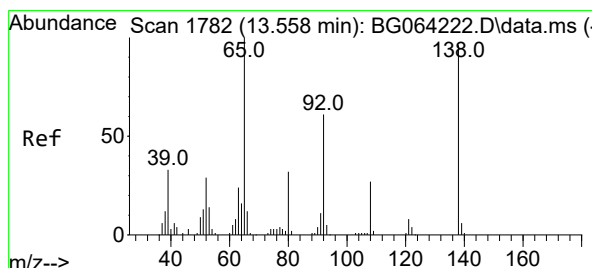
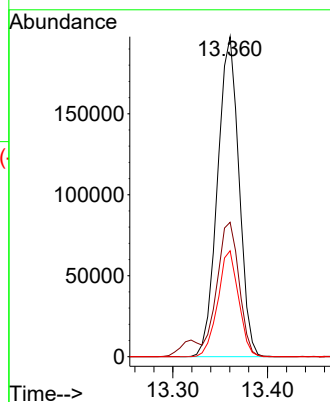
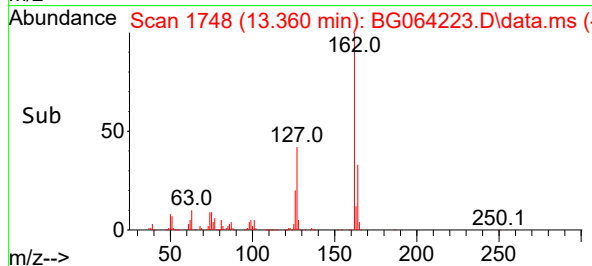
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:162 Resp: 310870
Ion Ratio Lower Upper
162 100
127 42.0 33.9 50.9
164 33.1 25.4 38.2

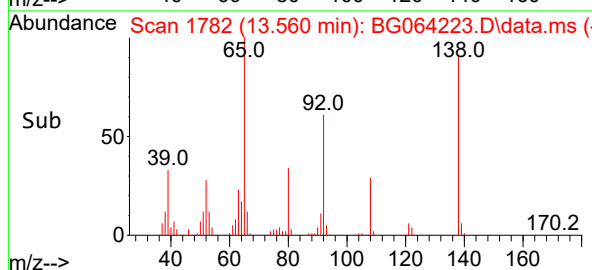
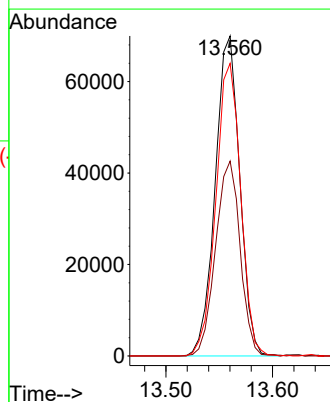
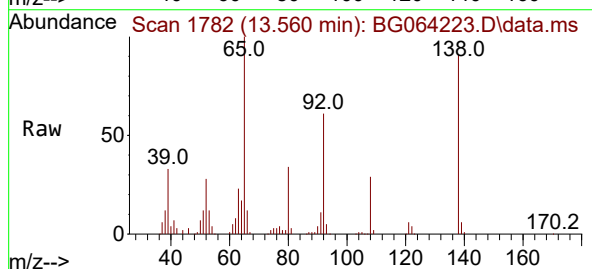
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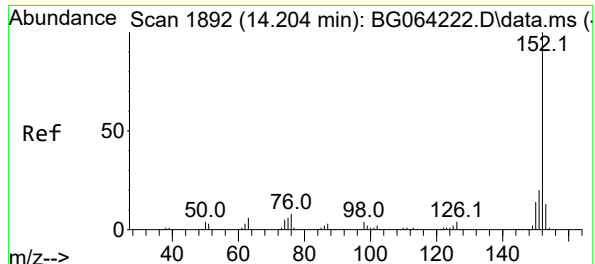
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#48
2-Nitroaniline
Concen: 52.795 ng
RT: 13.560 min Scan# 1782
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion: 65 Resp: 111792
Ion Ratio Lower Upper
65 100
92 60.9 49.2 73.8
138 91.5 76.8 115.2





#49

Acenaphthylene

Concen: 49.644 ng

RT: 14.206 min Scan# 1892

Delta R.T. 0.002 min

Lab File: BG064223.D

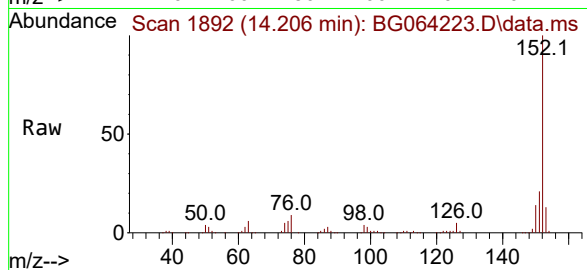
Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



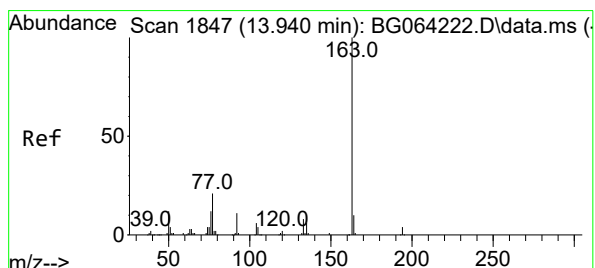
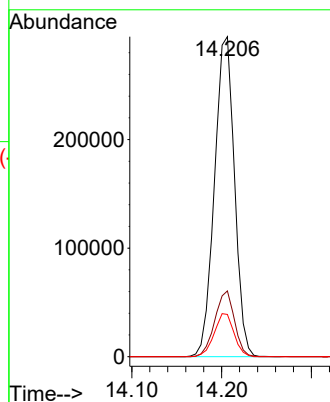
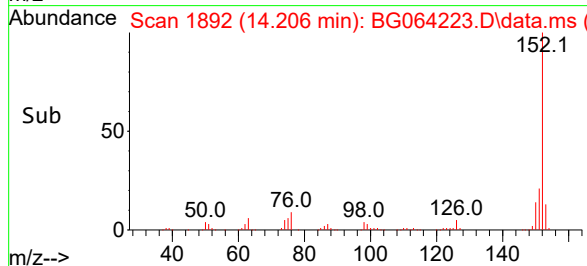
Tgt Ion:152	Resp: 455910
Ion Ratio	Lower Upper
152	100
151	20.5 16.2 24.2
153	13.2 10.1 15.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#50

Dimethylphthalate

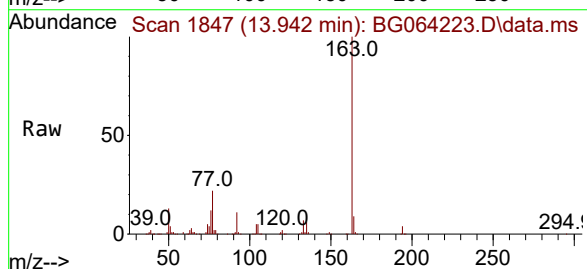
Concen: 48.298 ng

RT: 13.942 min Scan# 1847

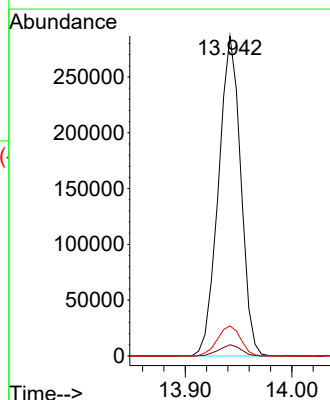
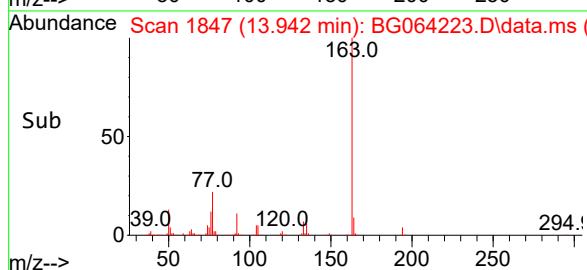
Delta R.T. -0.004 min

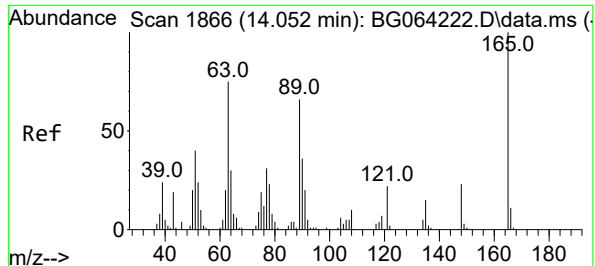
Lab File: BG064223.D

Acq: 28 Aug 2025 14:55



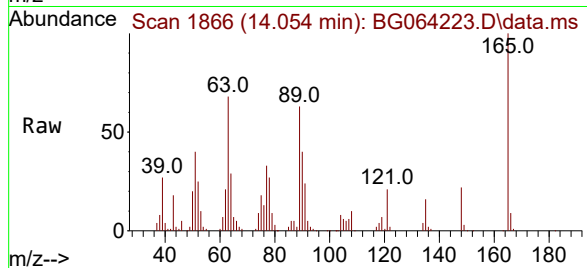
Tgt Ion:163	Resp: 414776
Ion Ratio	Lower Upper
163	100
194	3.5 3.0 4.4
164	9.4 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 51.244 ng
RT: 14.054 min Scan# 1866
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

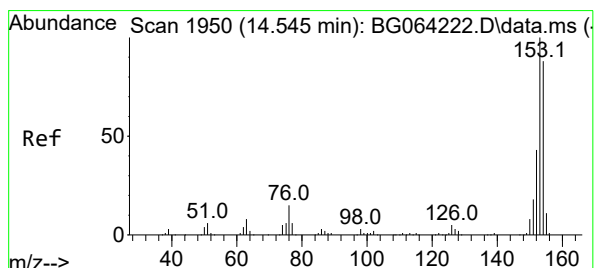
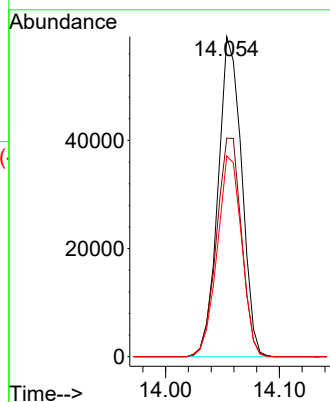
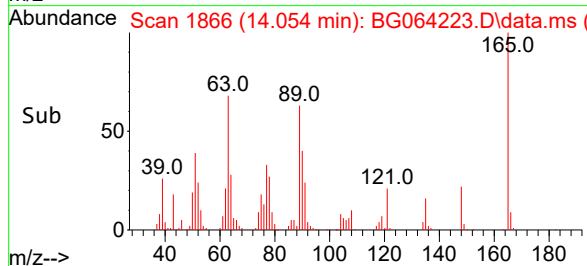
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 85190
Ion Ratio Lower Upper
165 100
63 68.3 60.3 90.5
89 62.8 52.9 79.3

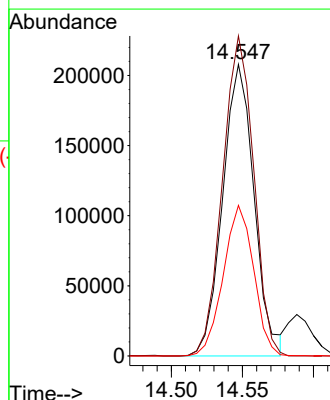
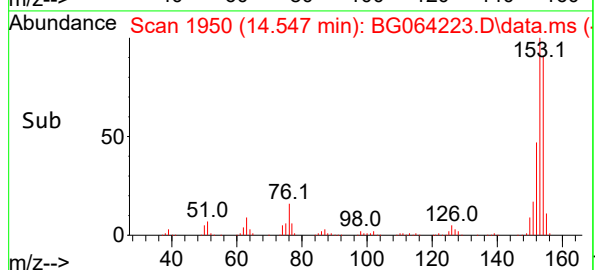
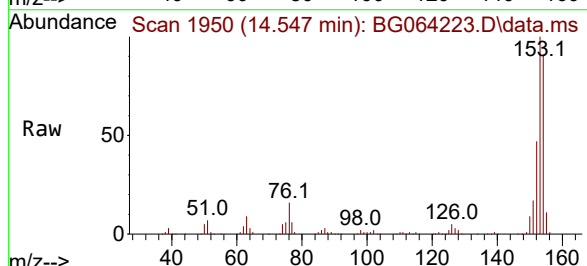
Manual Integrations
APPROVED

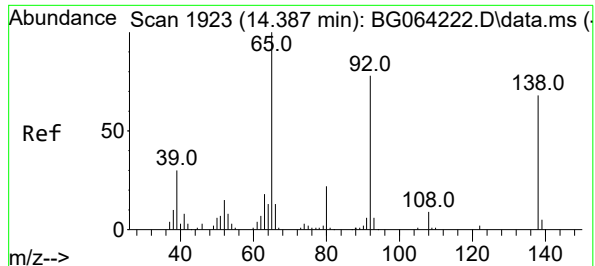
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#52
Acenaphthene
Concen: 49.423 ng
RT: 14.547 min Scan# 1950
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

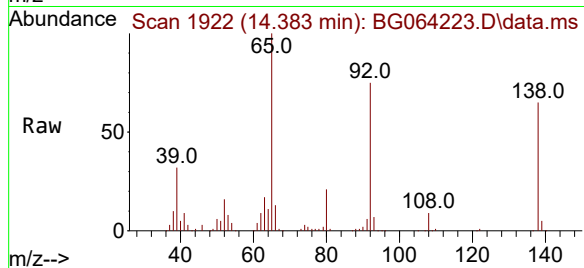
Tgt Ion:154 Resp: 320309
Ion Ratio Lower Upper
154 100
153 109.8 91.1 136.7
152 51.6 39.6 59.4





#53
3-Nitroaniline
Concen: 51.202 ng
RT: 14.383 min Scan# 1922
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

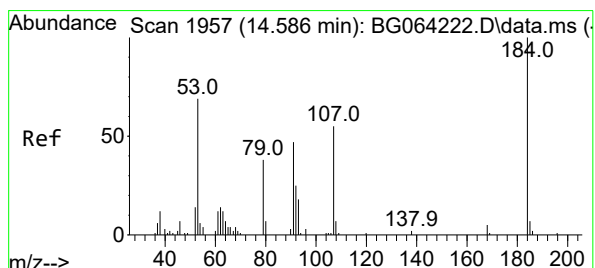
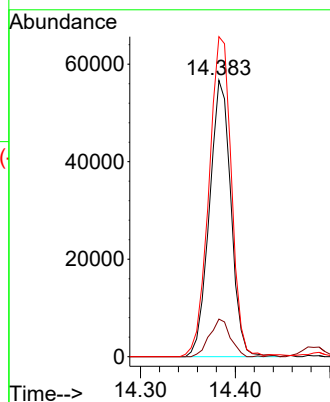
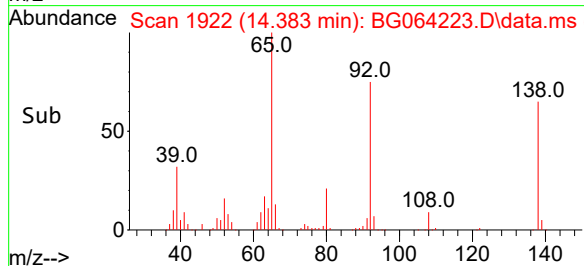
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:138 Resp: 89170
Ion Ratio Lower Upper
138 100
108 13.6 11.0 16.6
92 115.8 91.4 137.0

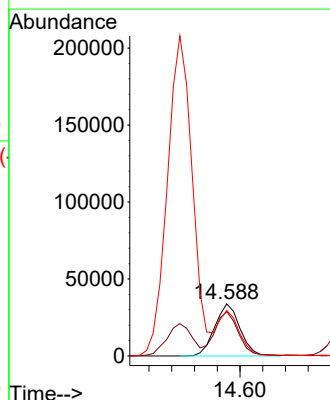
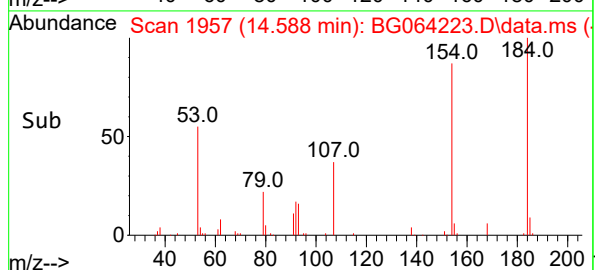
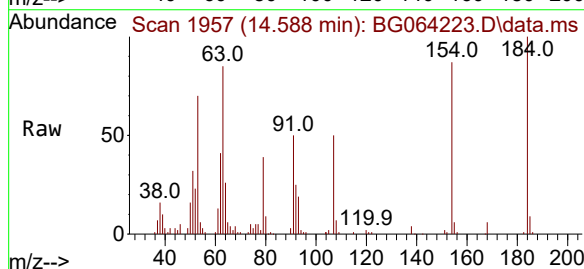
Manual Integrations
APPROVED

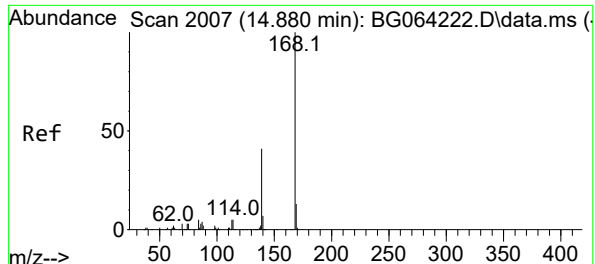
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#54
2,4-Dinitrophenol
Concen: 50.240 ng
RT: 14.588 min Scan# 1957
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

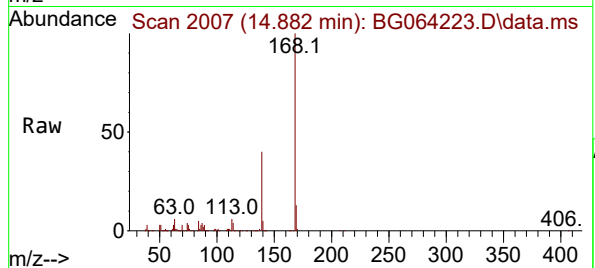
Tgt Ion:184 Resp: 52115
Ion Ratio Lower Upper
184 100
63 85.0 60.1 90.1
154 87.1 59.8 89.8





#55
Dibenzenofuran
Concen: 49.018 ng
RT: 14.882 min Scan# 2007
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

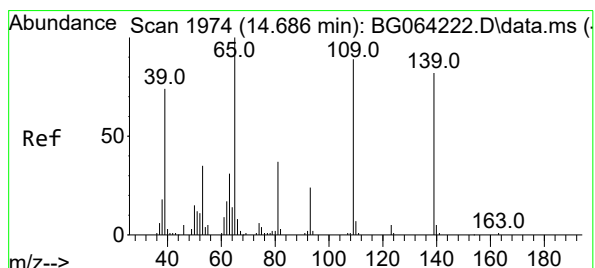
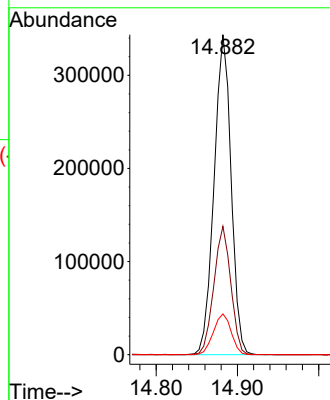
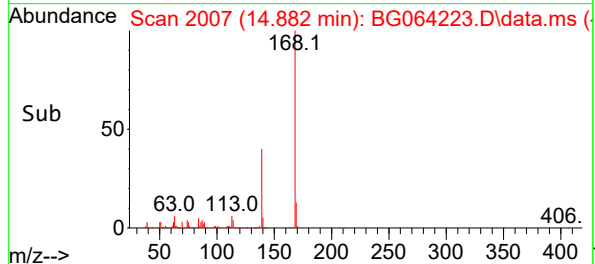
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:168 Resp: 499690
Ion Ratio Lower Upper
168 100
139 40.1 33.2 49.8
169 12.7 10.4 15.6

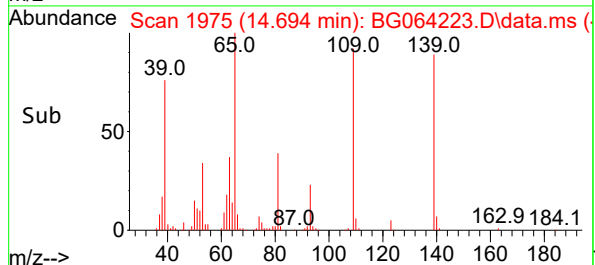
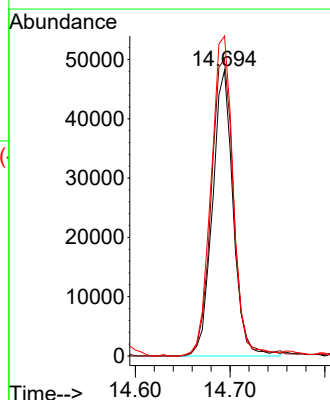
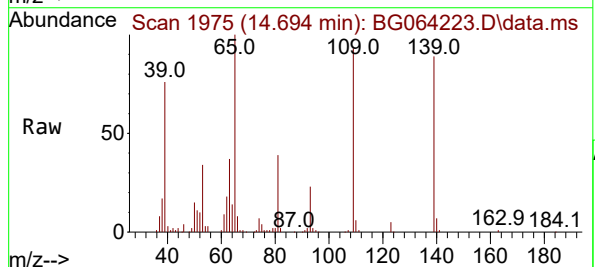
Manual Integrations
APPROVED

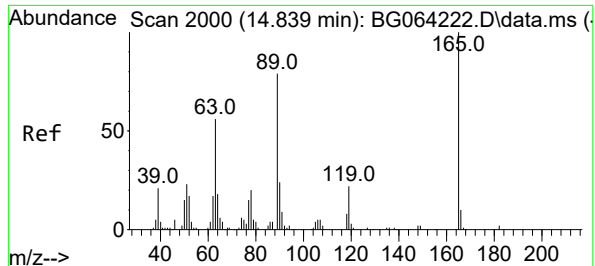
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#56
4-Nitrophenol
Concen: 51.188 ng
RT: 14.694 min Scan# 1975
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:139 Resp: 73126
Ion Ratio Lower Upper
139 100
109 103.8 89.1 129.1
65 112.1 102.9 142.9





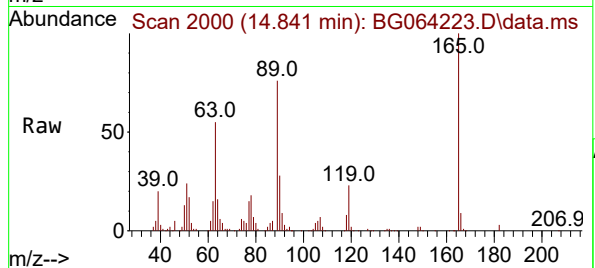
#57
2,4-Dinitrotoluene
Concen: 50.791 ng
RT: 14.841 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

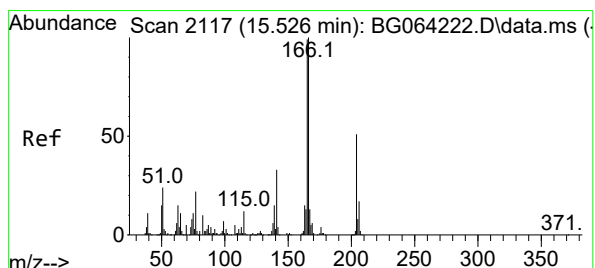
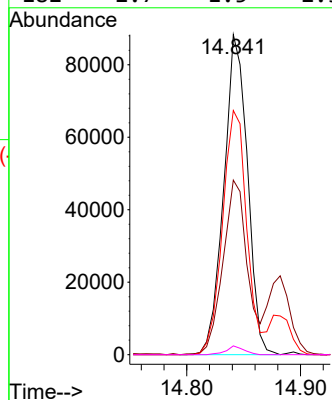
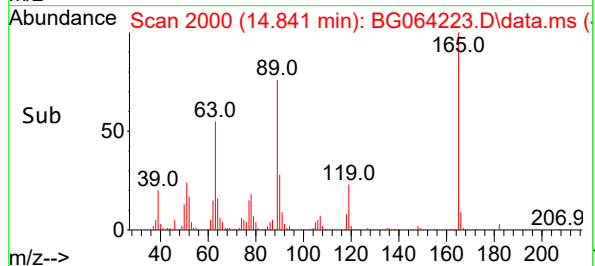


Tgt Ion:165 Resp: 127679
Ion Ratio Lower Upper
165 100
63 54.5 44.6 67.0
89 76.3 63.0 94.4
182 2.7 1.5 2.3#

Manual Integrations

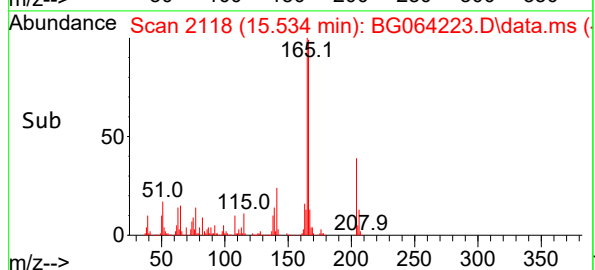
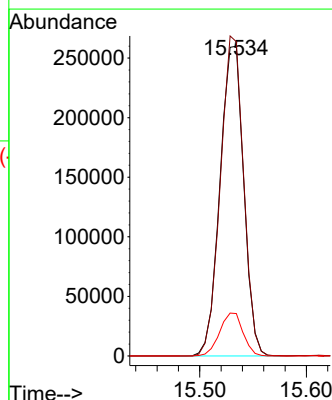
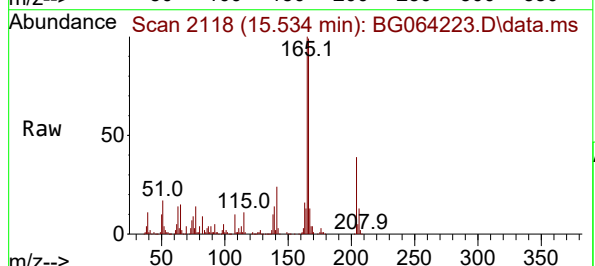
APPROVED

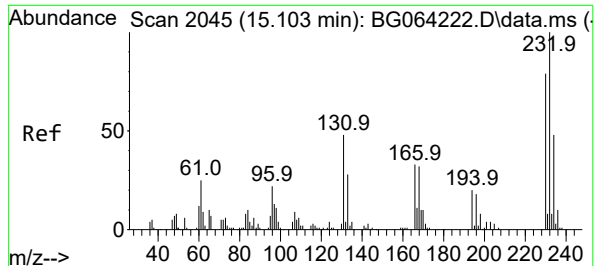
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#58
Fluorene
Concen: 48.071 ng
RT: 15.534 min Scan# 2118
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

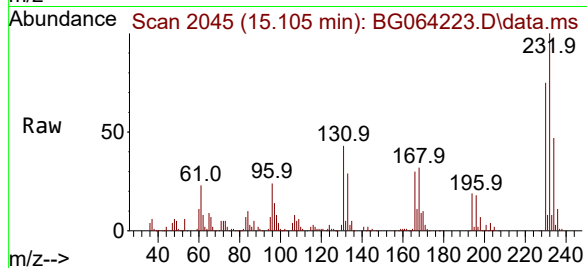
Tgt Ion:166 Resp: 401649
Ion Ratio Lower Upper
166 100
165 101.4 79.1 118.7
167 13.7 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.324 ng
RT: 15.105 min Scan# 2045
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

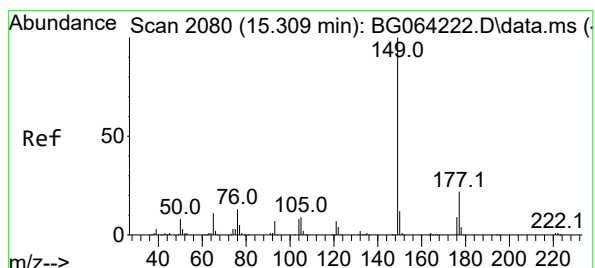
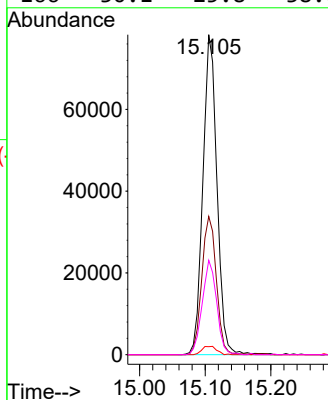
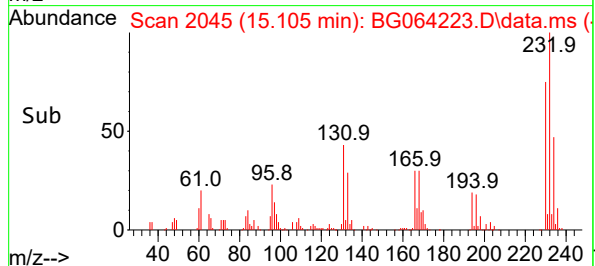
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



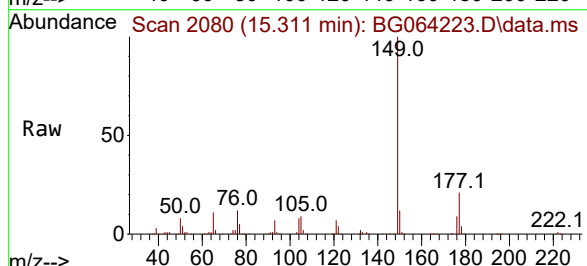
Tgt Ion:232 Resp: 11716
Ion Ratio Lower Upper
232 100
131 44.5 37.1 55.7
130 2.8 2.6 3.8
166 30.1 25.8 38.6

Manual Integrations
APPROVED

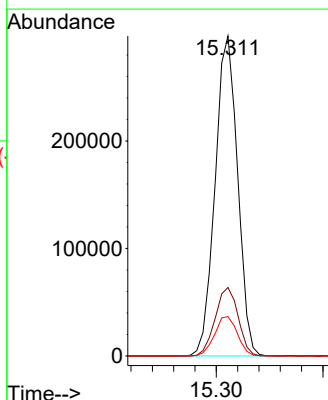
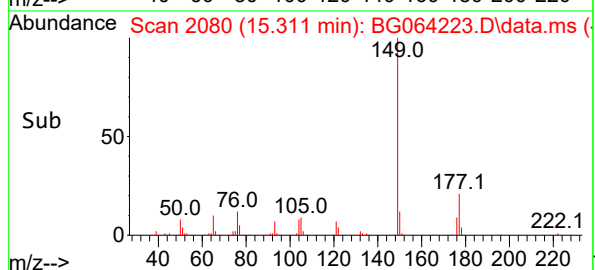
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

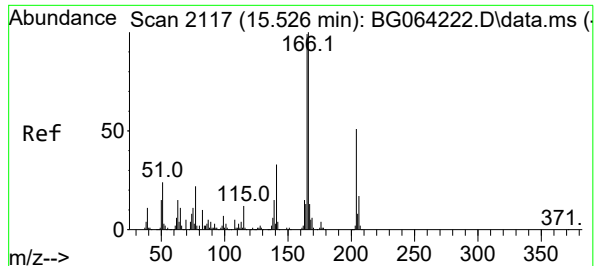


#60
Diethylphthalate
Concen: 47.393 ng
RT: 15.311 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55



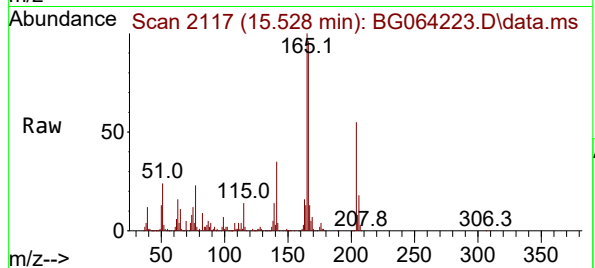
Tgt Ion:149 Resp: 435581
Ion Ratio Lower Upper
149 100
177 21.4 17.5 26.3
150 12.3 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 49.008 ng
RT: 15.528 min Scan# 2117
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

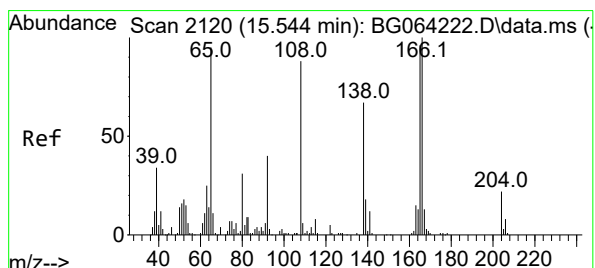
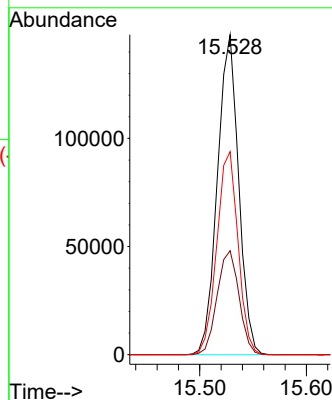
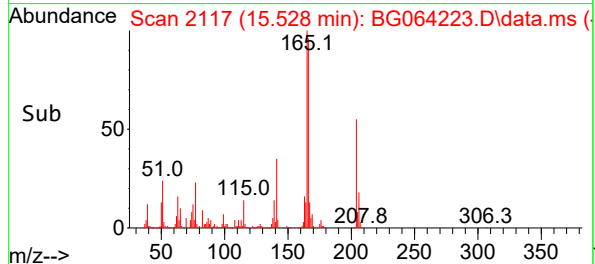
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:204 Resp: 204160
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.4
141 63.4 51.9 77.9

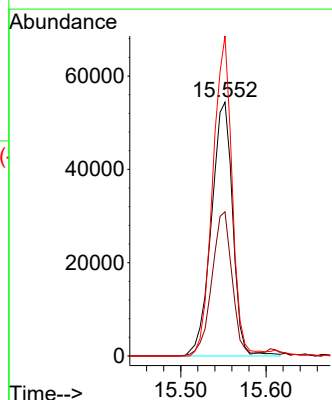
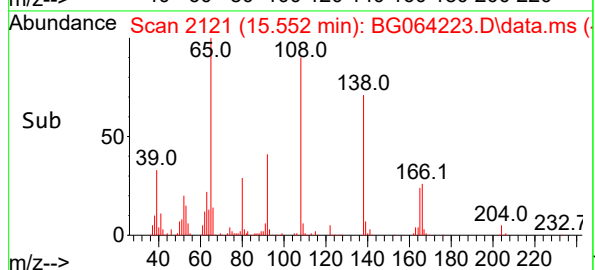
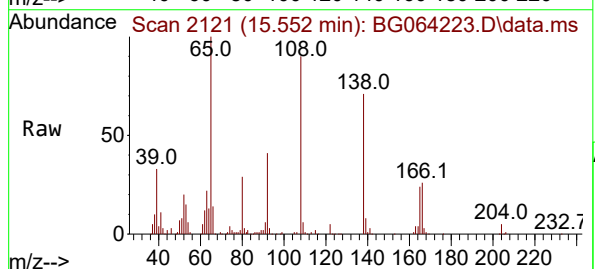
Manual Integrations
APPROVED

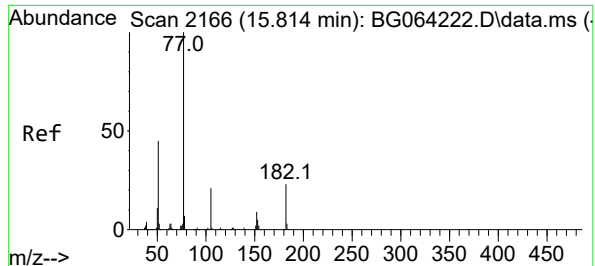
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#62
4-Nitroaniline
Concen: 53.002 ng
RT: 15.552 min Scan# 2121
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

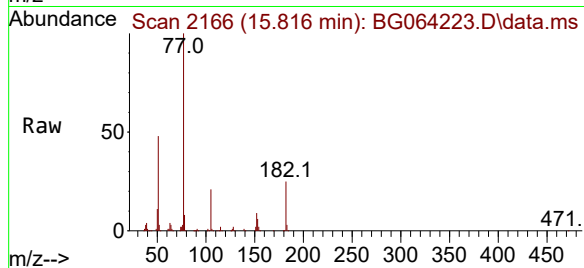
Tgt Ion:138 Resp: 94189
Ion Ratio Lower Upper
138 100
92 56.8 39.1 79.1
108 126.1 111.3 151.3





#63
Azobenzene
Concen: 48.736 ng
RT: 15.816 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

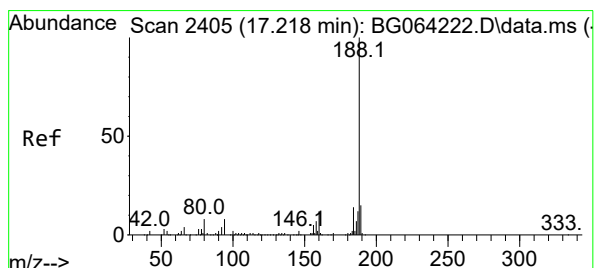
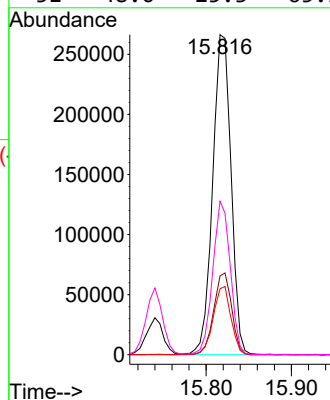
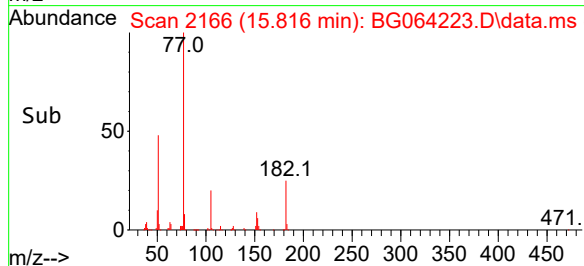
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 39923
Ion Ratio Lower Upper
77 100
182 24.6 3.3 43.3
105 20.6 0.6 40.6
51 48.0 25.3 65.3

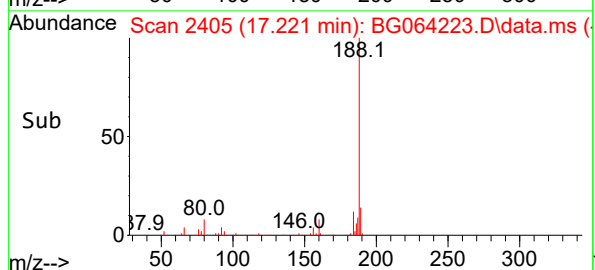
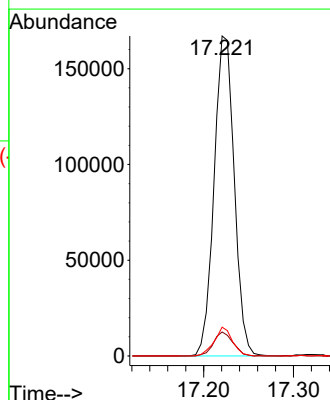
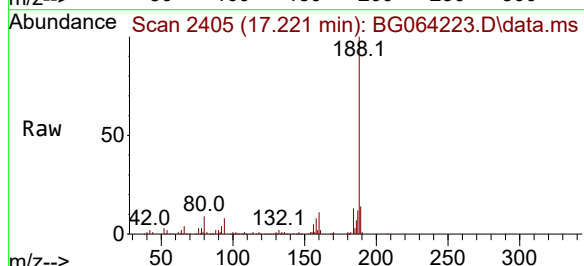
Manual Integrations
APPROVED

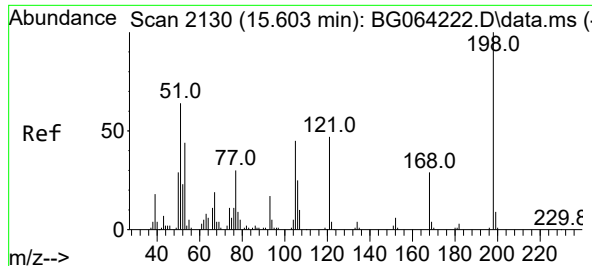
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

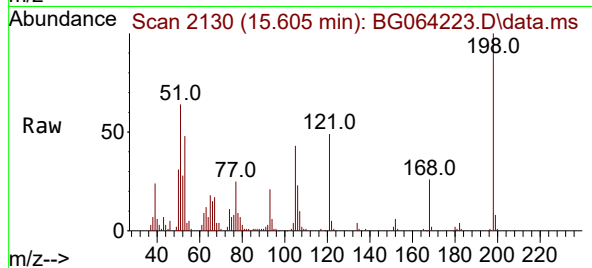
Tgt Ion:188 Resp: 260584
Ion Ratio Lower Upper
188 100
94 7.5 6.2 9.4
80 9.0 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 52.566 ng
RT: 15.605 min Scan# 2130
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

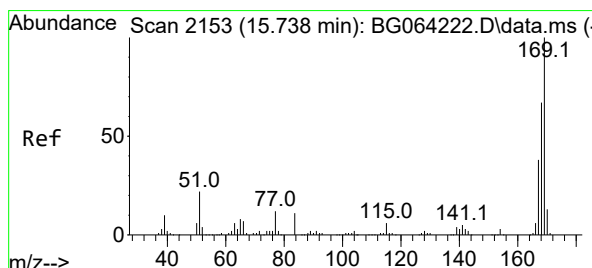
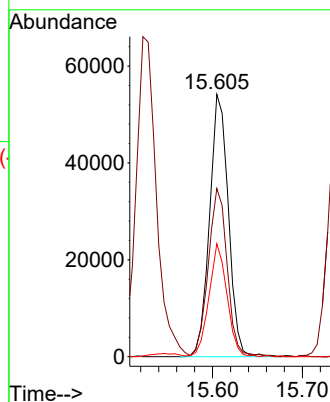
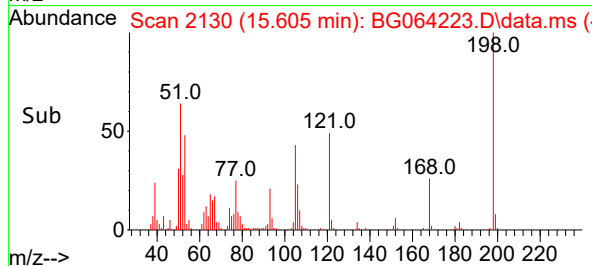
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:198 Resp: 78644
Ion Ratio Lower Upper
198 100
51 64.1 46.2 86.2
105 43.1 25.0 65.0

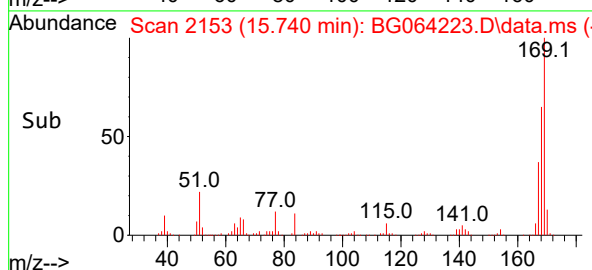
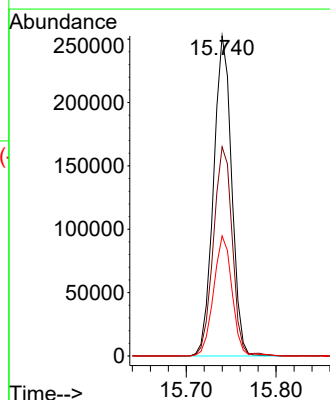
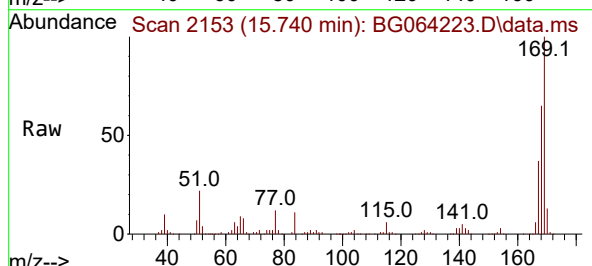
Manual Integrations
APPROVED

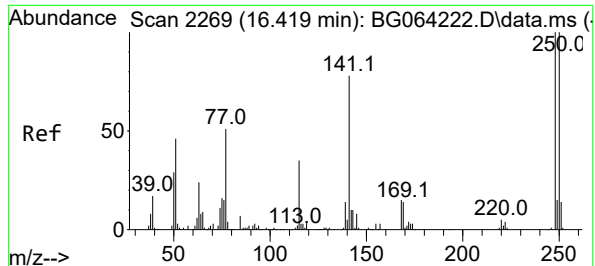
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#66
n-Nitrosodiphenylamine
Concen: 49.284 ng
RT: 15.740 min Scan# 2153
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

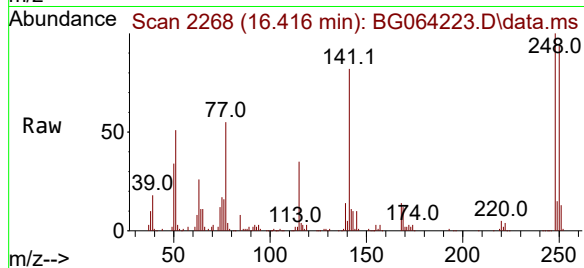
Tgt Ion:169 Resp: 353288
Ion Ratio Lower Upper
169 100
168 65.3 53.8 80.8
167 37.5 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 49.804 ng
RT: 16.416 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

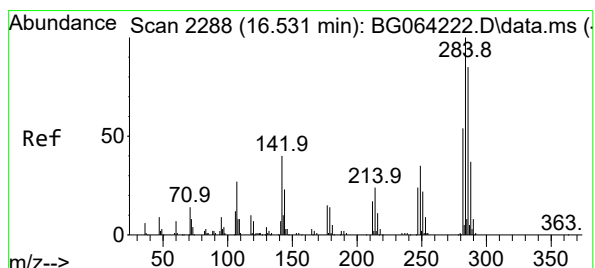
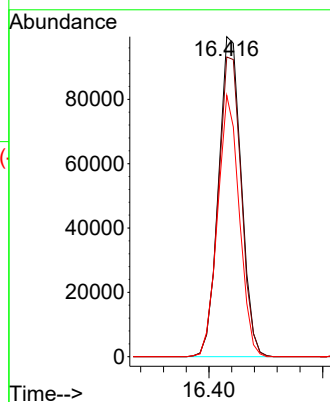
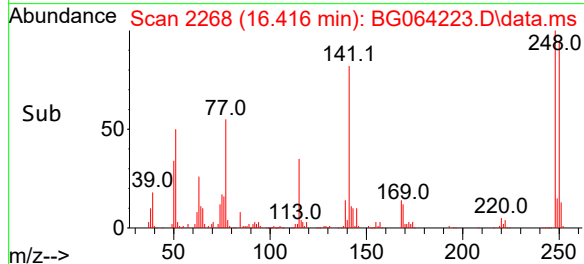
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:248 Resp: 137844
Ion Ratio Lower Upper
248 100
250 93.6 80.2 120.4
141 81.7 62.4 93.6

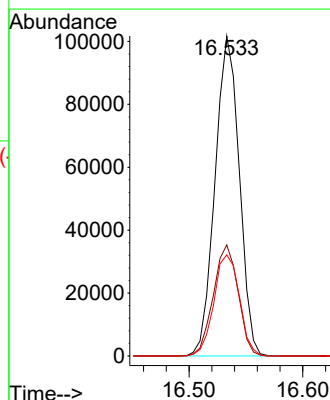
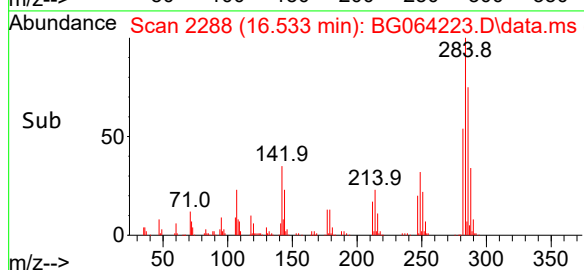
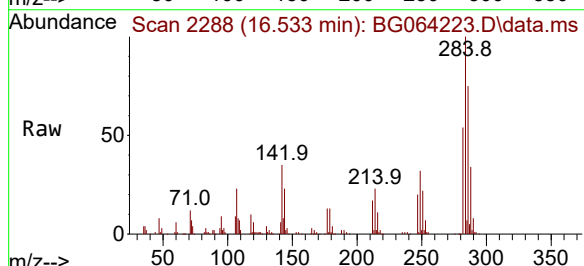
Manual Integrations
APPROVED

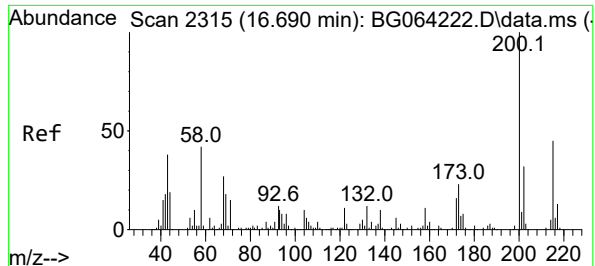
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#68
Hexachlorobenzene
Concen: 49.006 ng
RT: 16.533 min Scan# 2288
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:284 Resp: 150620
Ion Ratio Lower Upper
284 100
142 34.7 32.1 48.1
249 31.6 28.3 42.5





#69

Atrazine

Concen: 48.714 ng

RT: 16.692 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:200 Resp: 145808

Ion Ratio Lower Upper

200 100

173 25.6 3.5 43.5

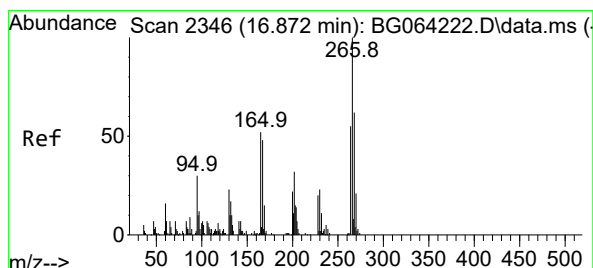
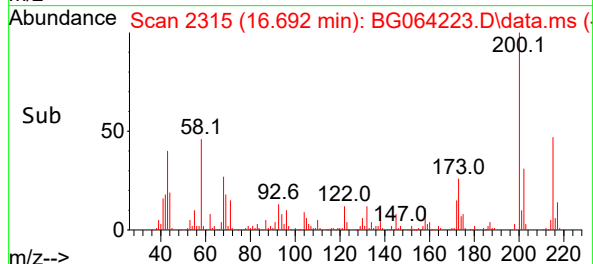
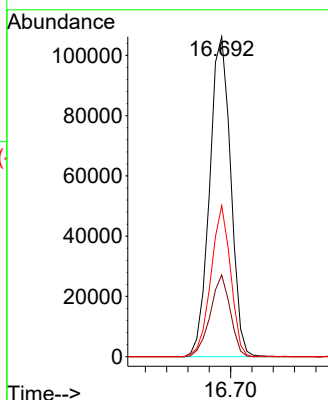
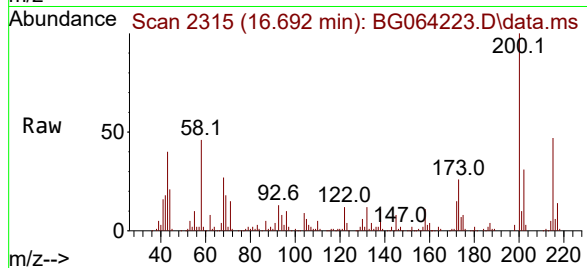
215 47.2 24.8 64.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#70

Pentachlorophenol

Concen: 51.699 ng

RT: 16.874 min Scan# 2346

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

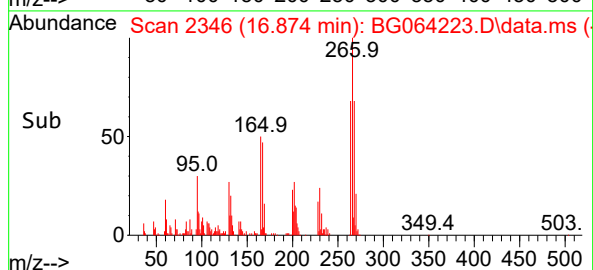
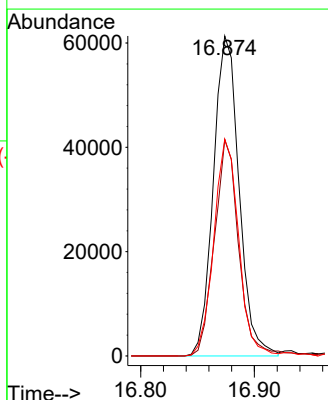
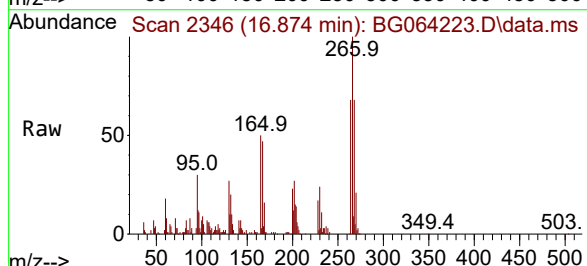
Tgt Ion:266 Resp: 96347

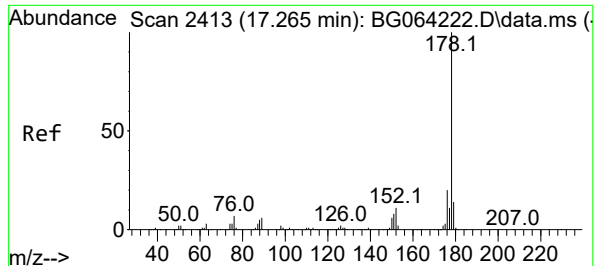
Ion Ratio Lower Upper

266 100

268 67.5 49.4 74.0

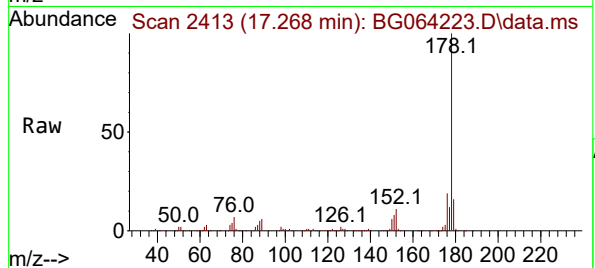
264 67.8 44.3 66.5#





#71
Phenanthrene
Concen: 48.343 ng
RT: 17.268 min Scan# 2413
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

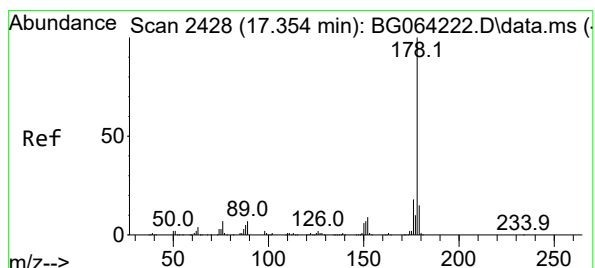
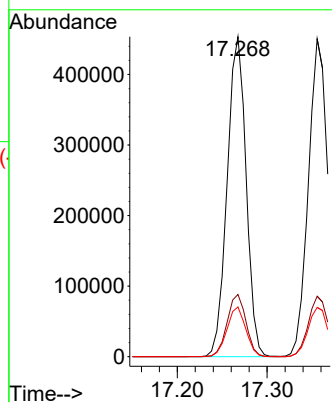
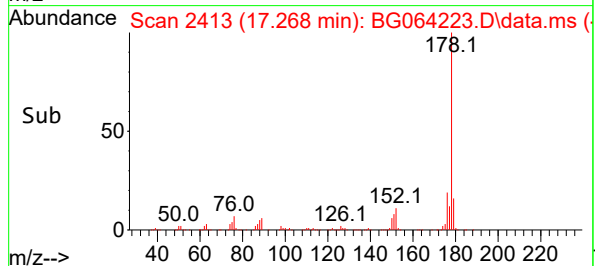
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:178 Resp: 664429
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.5 11.4 17.2

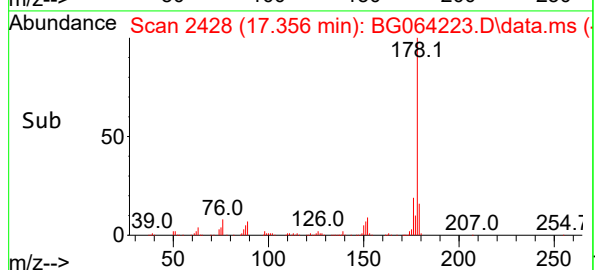
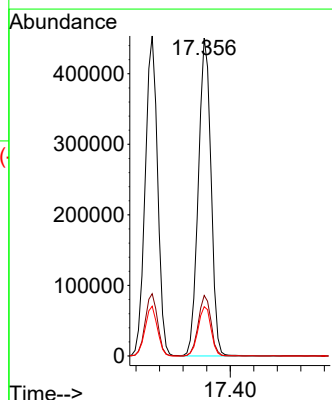
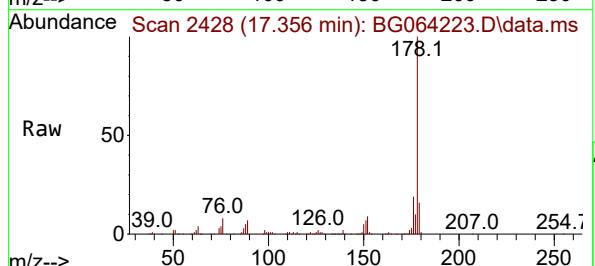
Manual Integrations
APPROVED

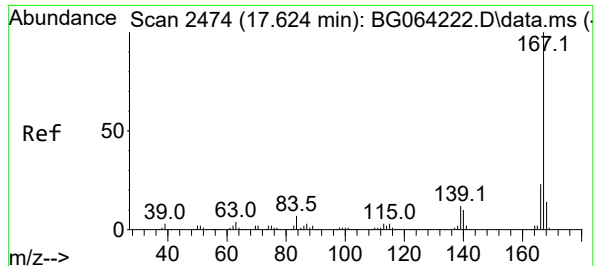
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#72
Anthracene
Concen: 48.144 ng
RT: 17.356 min Scan# 2428
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

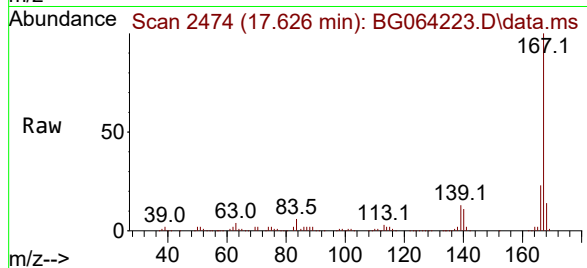
Tgt Ion:178 Resp: 673083
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 15.5 12.1 18.1





#73
Carbazole
Concen: 48.528 ng
RT: 17.626 min Scan# 2474
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

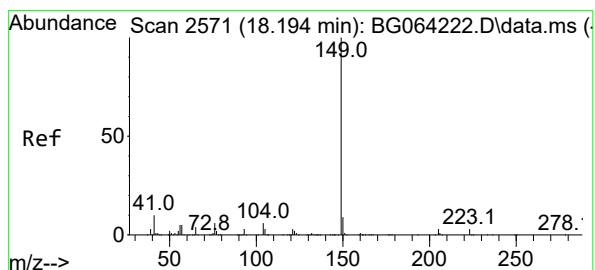
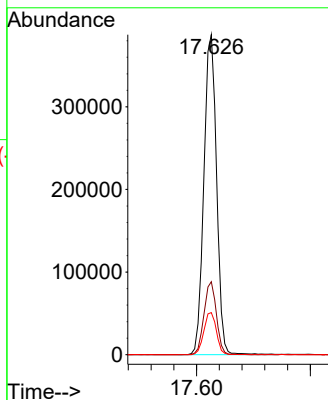
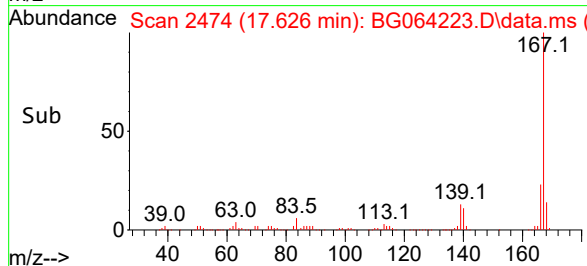
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



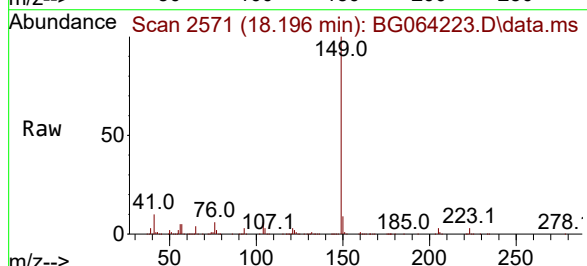
Tgt Ion:167 Resp: 59767
Ion Ratio Lower Upper
167 100
166 22.8 18.2 27.2
139 13.2 9.8 14.6

Manual Integrations
APPROVED

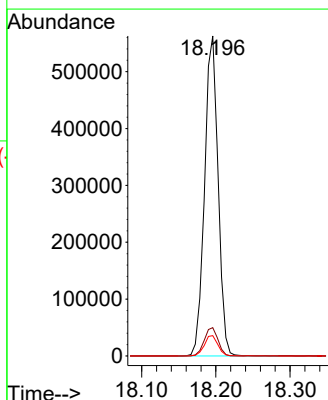
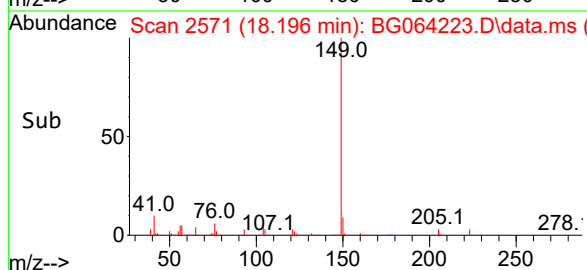
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

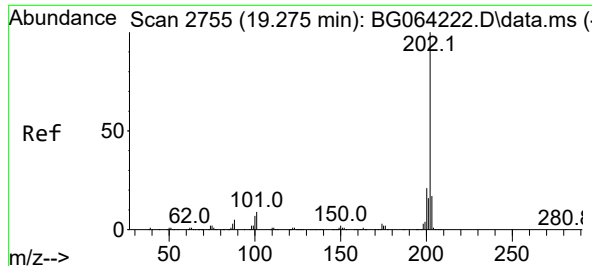


#74
Di-n-butylphthalate
Concen: 48.243 ng
RT: 18.196 min Scan# 2571
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55



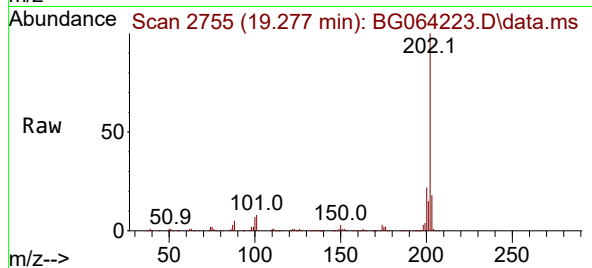
Tgt Ion:149 Resp: 713842
Ion Ratio Lower Upper
149 100
150 8.8 7.5 11.3
104 6.4 4.6 7.0





#75
Fluoranthene
Concen: 47.477 ng
RT: 19.277 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

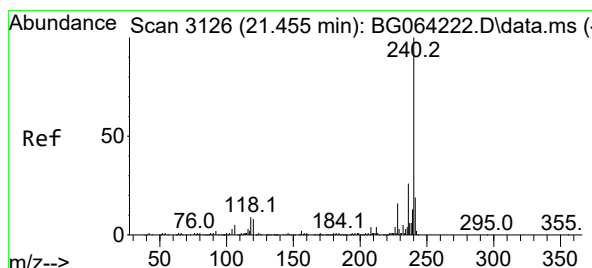
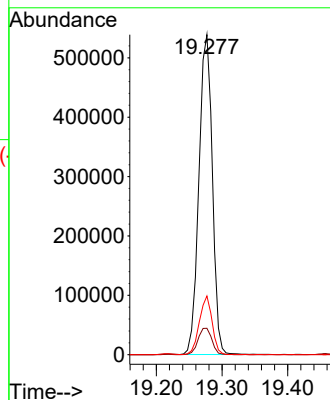
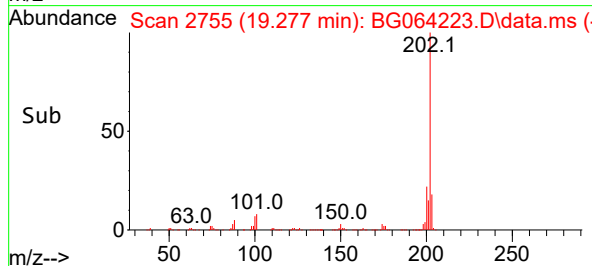
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 767254
Ion Ratio Lower Upper
202 100
101 8.3 0.0 28.7
203 18.4 0.0 36.9

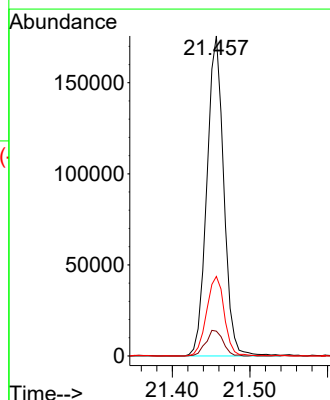
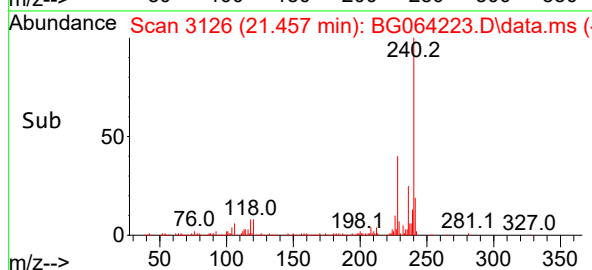
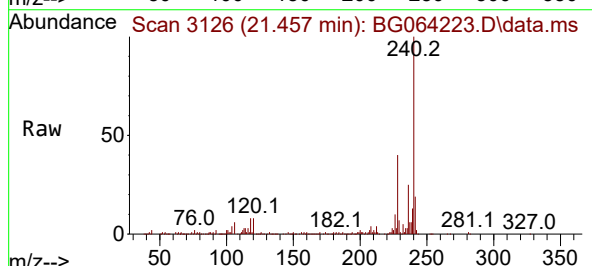
Manual Integrations
APPROVED

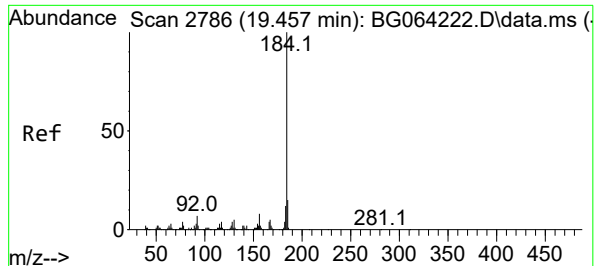
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3126
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

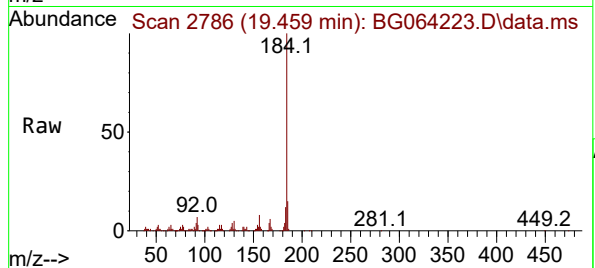
Tgt Ion:240 Resp: 265427
Ion Ratio Lower Upper
240 100
120 7.8 6.2 9.4
236 24.8 20.5 30.7





#77
Benzidine
Concen: 45.730 ng
RT: 19.459 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

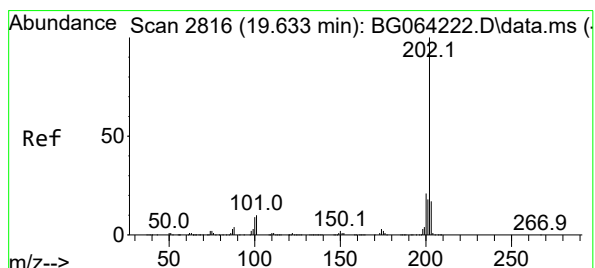
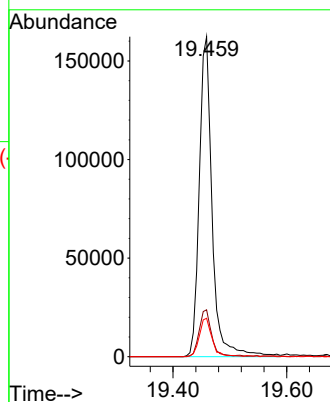
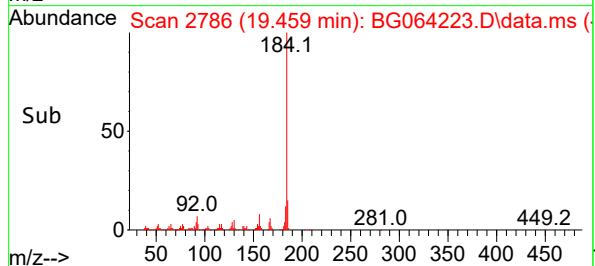
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



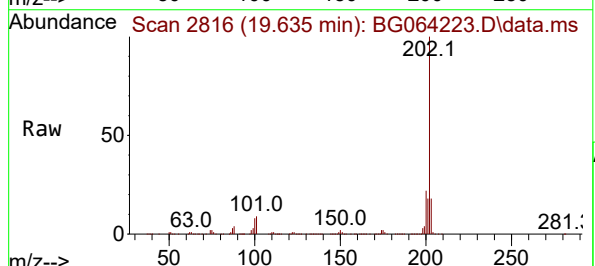
Tgt Ion:184 Resp: 255340
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 12.0 9.7 14.5

Manual Integrations
APPROVED

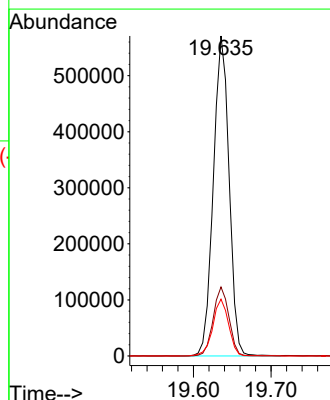
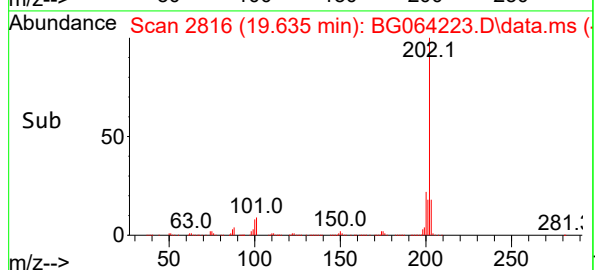
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

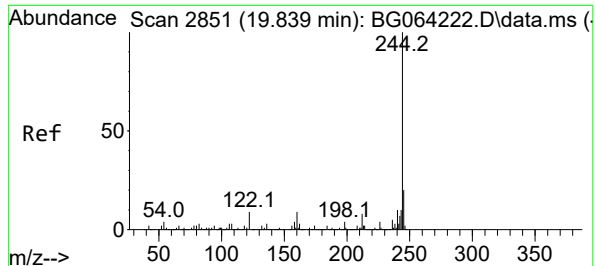


#78
Pyrene
Concen: 48.257 ng
RT: 19.635 min Scan# 2816
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55



Tgt Ion:202 Resp: 806963
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 17.7 13.8 20.8





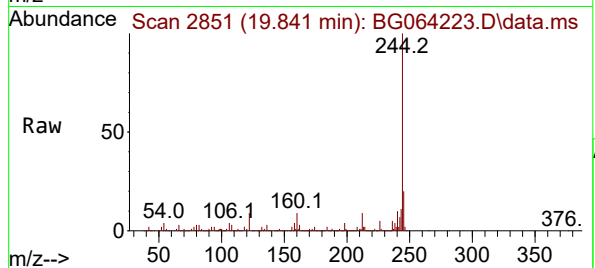
#79
Terphenyl-d14
Concen: 95.772 ng
RT: 19.841 min Scan# 2851
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

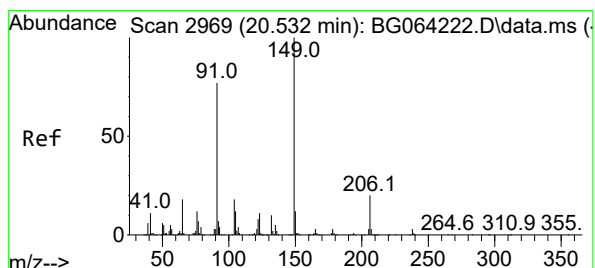
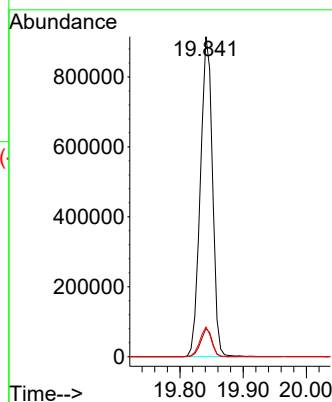
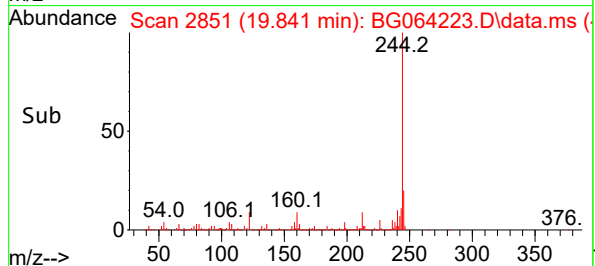


Tgt Ion:244 Resp: 121842
Ion Ratio Lower Upper
244 100
212 8.8 6.6 10.0
122 9.3 7.0 10.6

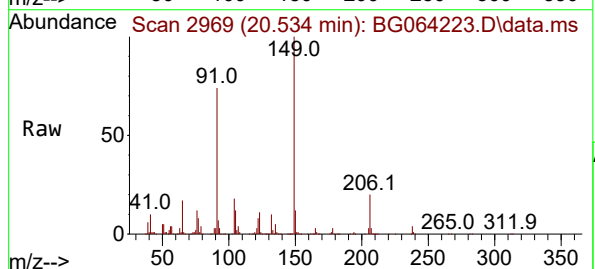
Manual Integrations

APPROVED

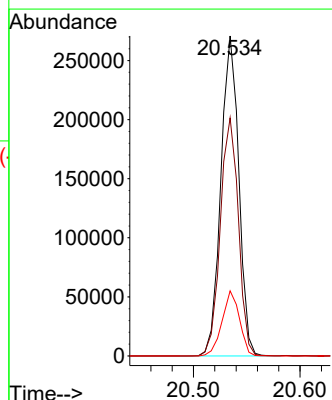
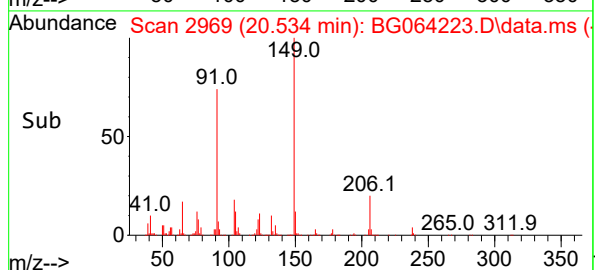
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

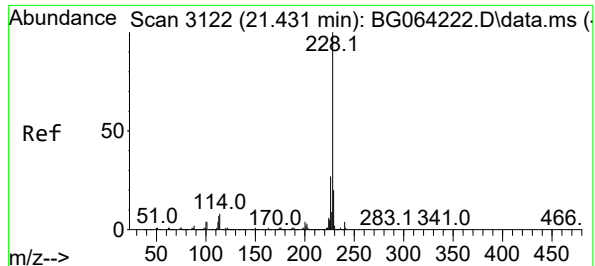


#80
Butylbenzylphthalate
Concen: 49.896 ng
RT: 20.534 min Scan# 2969
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55



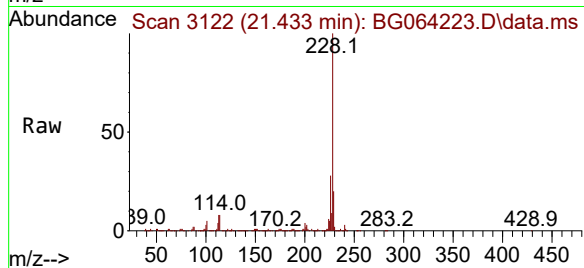
Tgt Ion:149 Resp: 314706
Ion Ratio Lower Upper
149 100
91 74.4 61.4 92.0
206 20.4 15.8 23.6





#81
Benzo(a)anthracene
Concen: 48.784 ng
RT: 21.433 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

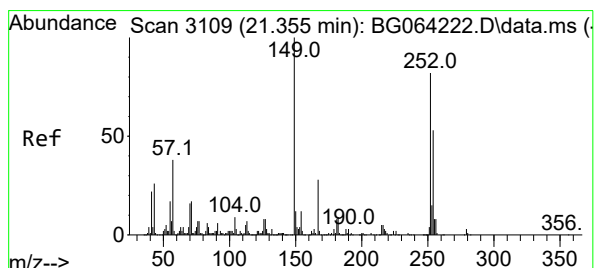
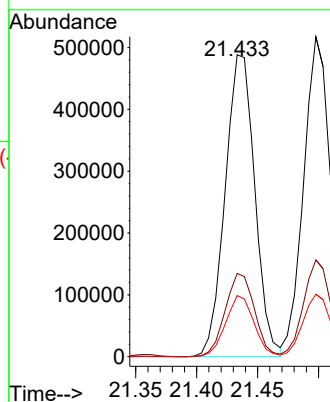
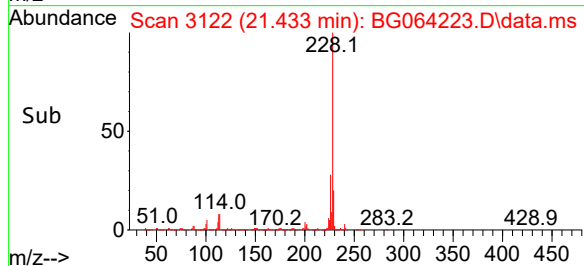
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 828398
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 20.3 15.9 23.9

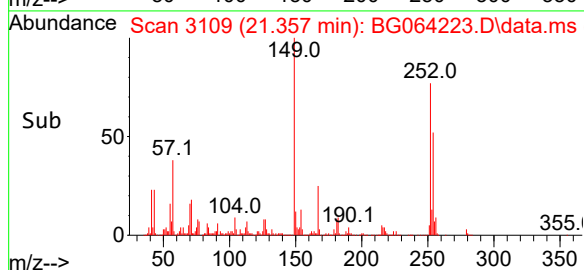
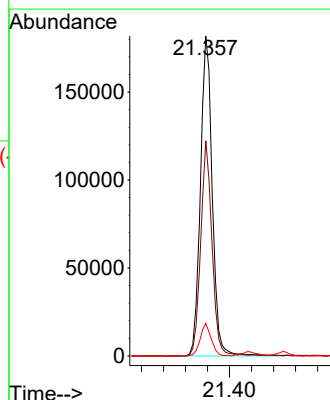
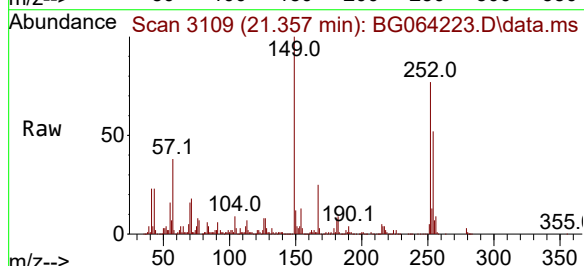
Manual Integrations
APPROVED

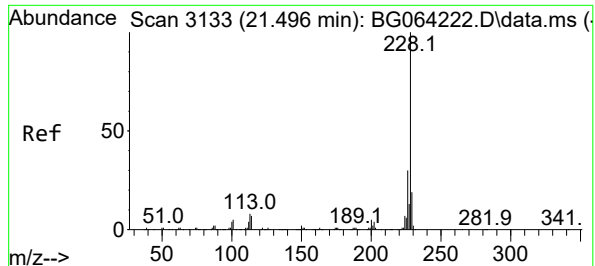
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#82
3,3'-Dichlorobenzidine
Concen: 49.185 ng
RT: 21.357 min Scan# 3109
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

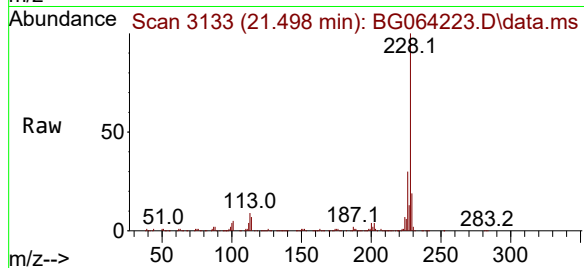
Tgt Ion:252 Resp: 272006
Ion Ratio Lower Upper
252 100
254 67.2 51.9 77.9
126 10.2 7.6 11.4





#83
Chrysene
Concen: 49.001 ng
RT: 21.498 min Scan# 3133
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

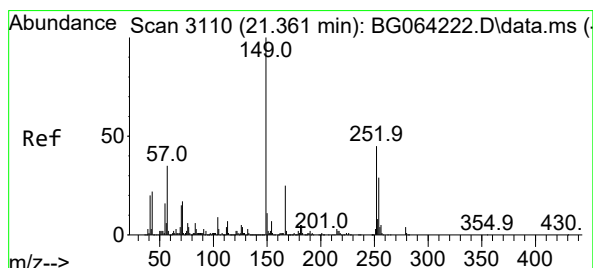
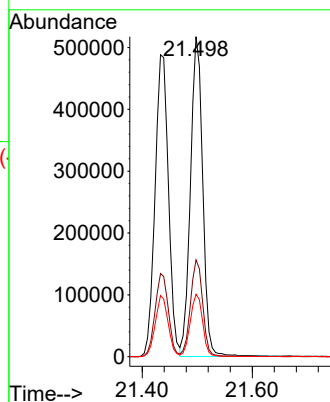
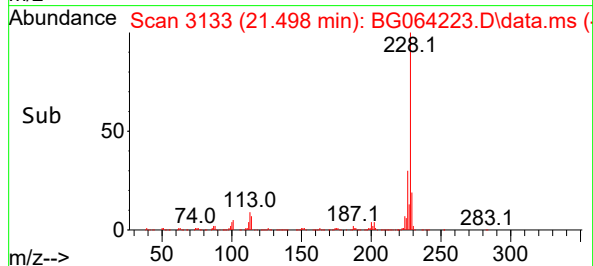
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 798825
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 19.5 15.4 23.2

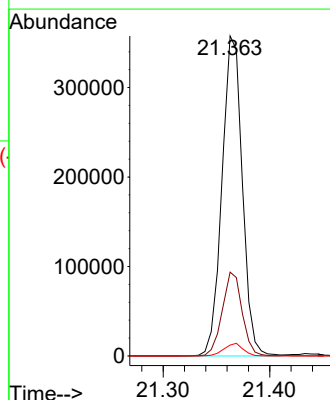
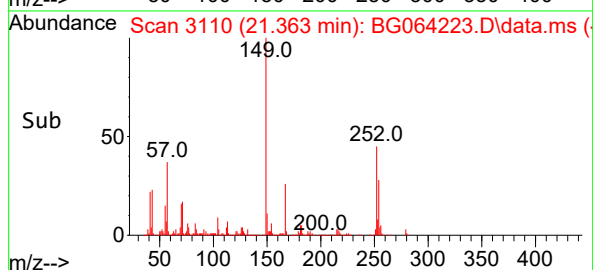
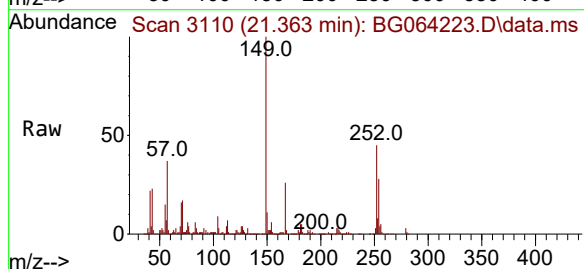
Manual Integrations
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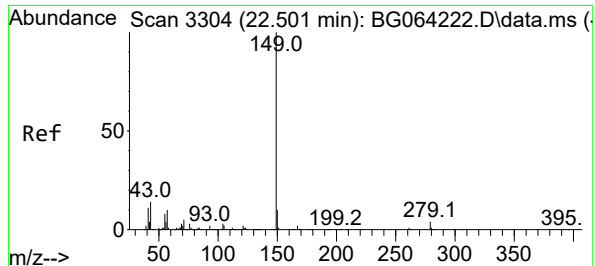
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.934 ng
RT: 21.363 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

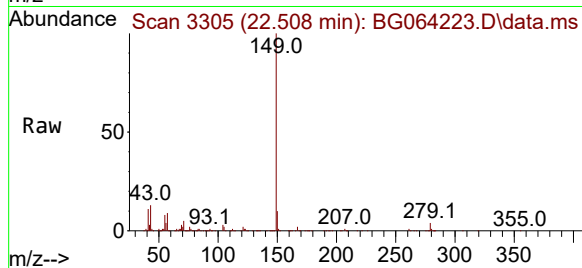
Tgt Ion:149 Resp: 472845
Ion Ratio Lower Upper
149 100
167 26.2 20.0 30.0
279 3.4 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 49.375 ng
RT: 22.508 min Scan# 3304
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

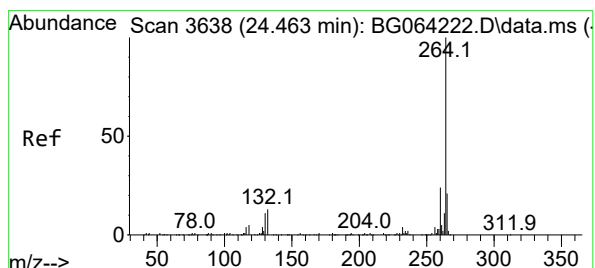
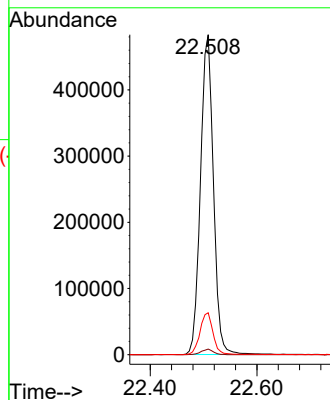
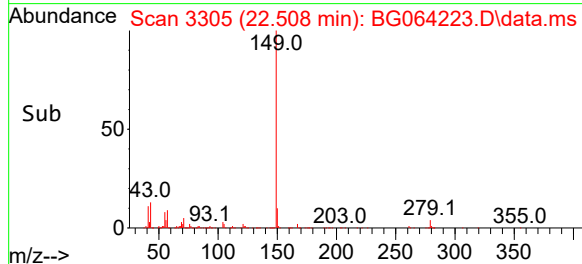
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 814659
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.3 10.8 16.2

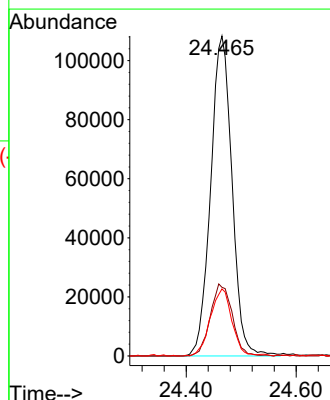
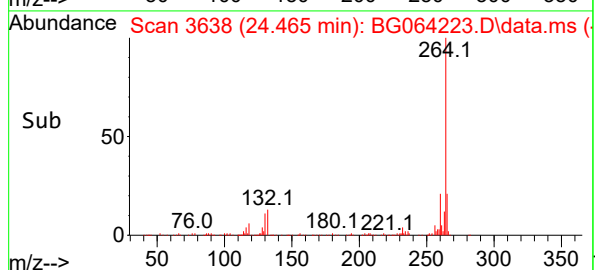
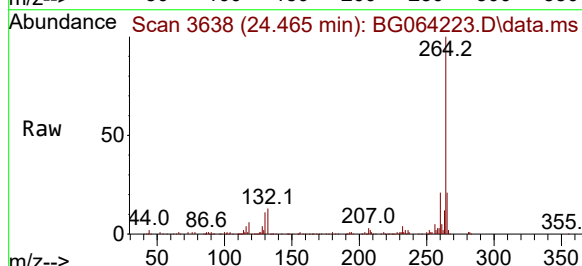
Manual Integrations
APPROVED

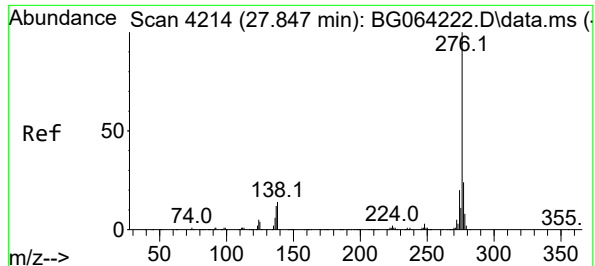
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3638
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:264 Resp: 291787
Ion Ratio Lower Upper
264 100
260 21.4 18.9 28.3
265 21.0 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.338 ng

RT: 27.867 min Scan# 41

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:276 Resp: 98313

Ion Ratio Lower Upper

276 100

138 13.7 7.4 11.0

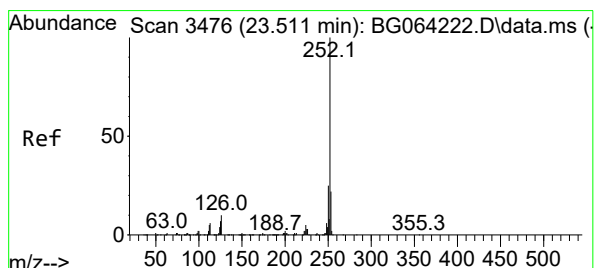
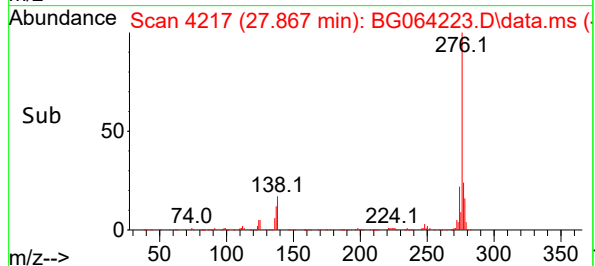
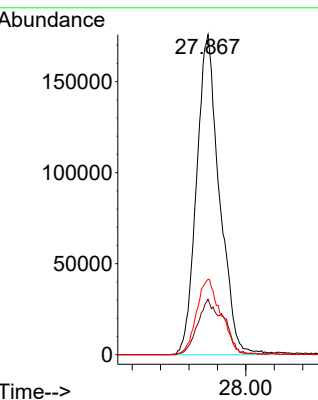
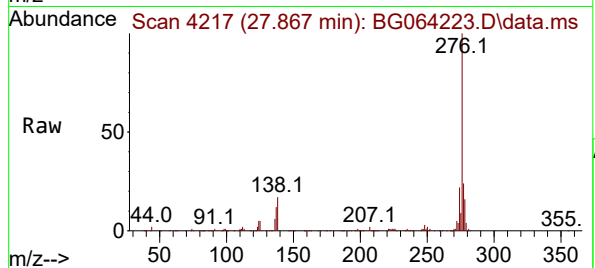
277 25.0 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#88

Benzo(b)fluoranthene

Concen: 48.889 ng

RT: 23.519 min Scan# 3477

Delta R.T. 0.002 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

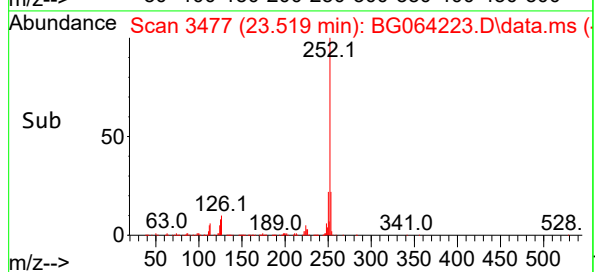
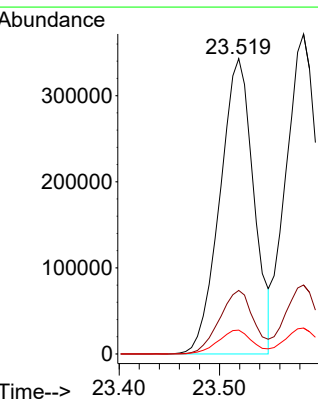
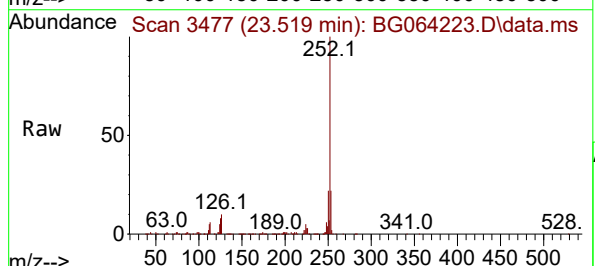
Tgt Ion:252 Resp: 805106

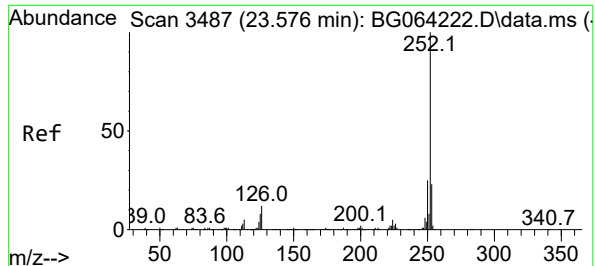
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 8.1 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 49.190 ng

RT: 23.584 min Scan# 34

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 825274

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.4

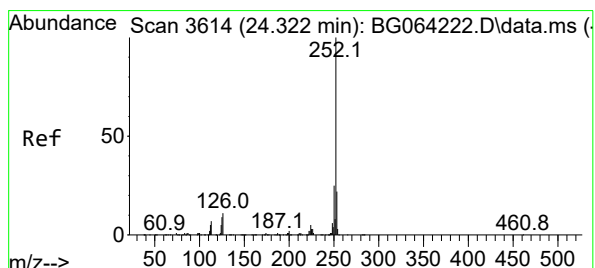
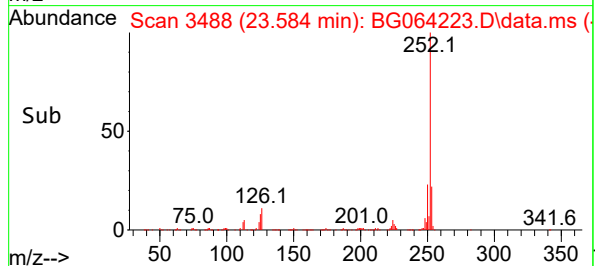
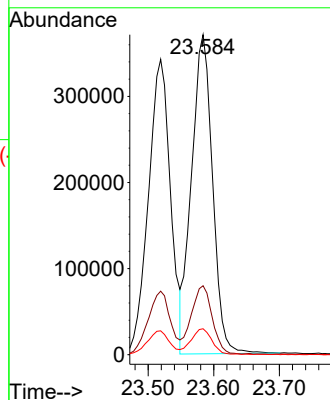
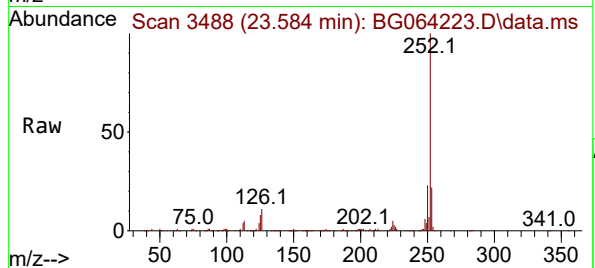
125 8.1 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#90

Benzo(a)pyrene

Concen: 49.853 ng

RT: 24.330 min Scan# 3615

Delta R.T. 0.002 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

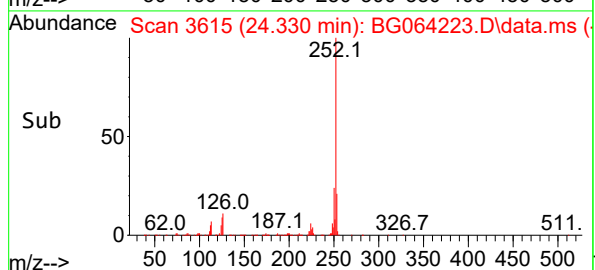
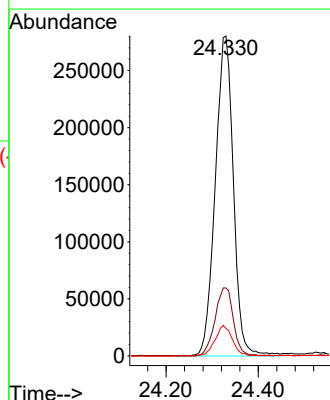
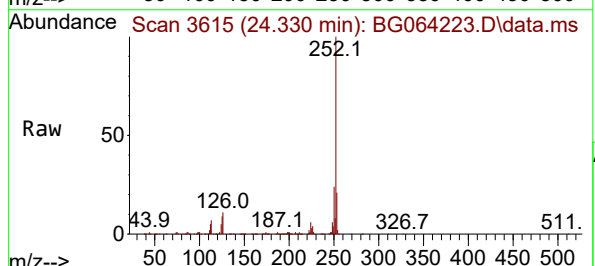
Tgt Ion:252 Resp: 763697

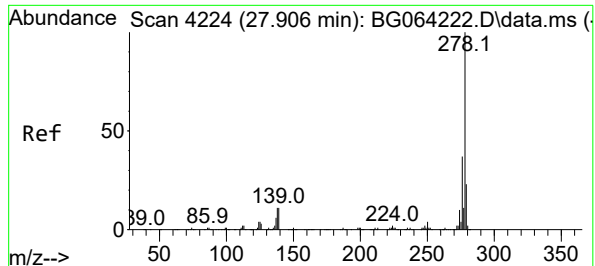
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.2

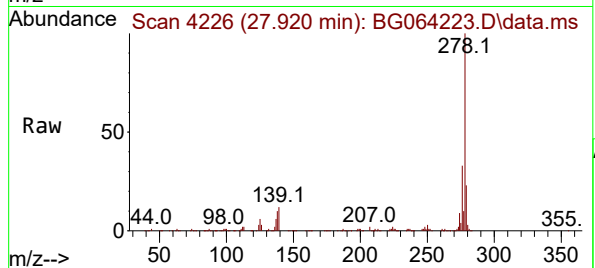
125 8.6 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 49.569 ng
RT: 27.920 min Scan# 41
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

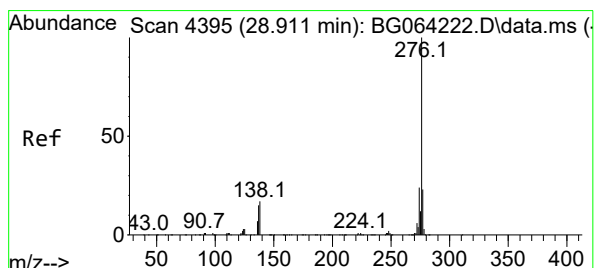
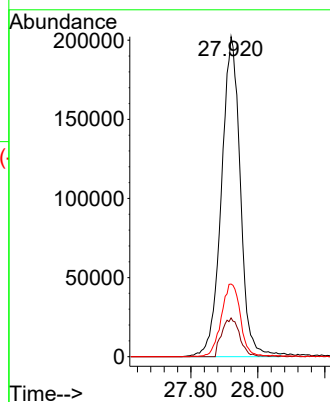
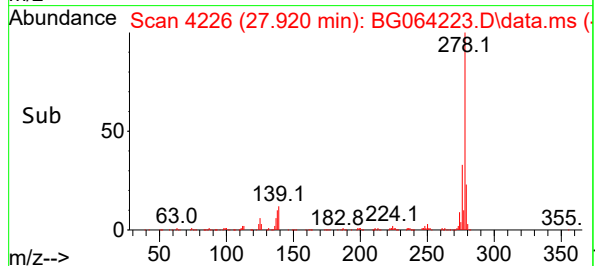
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:278 Resp: 793072
Ion Ratio Lower Upper
278 100
139 12.1 9.0 13.4
279 22.7 18.8 28.2

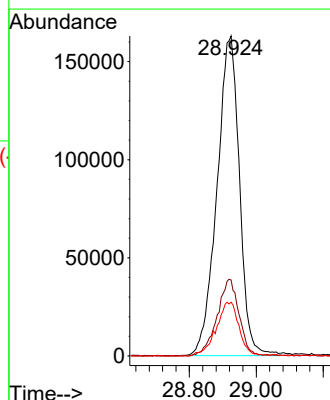
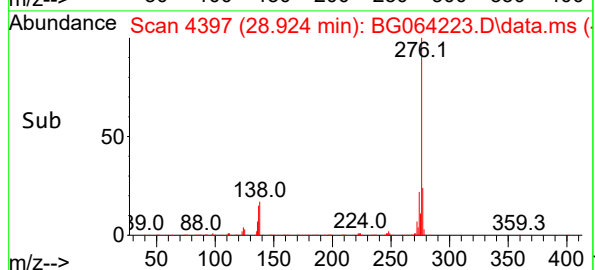
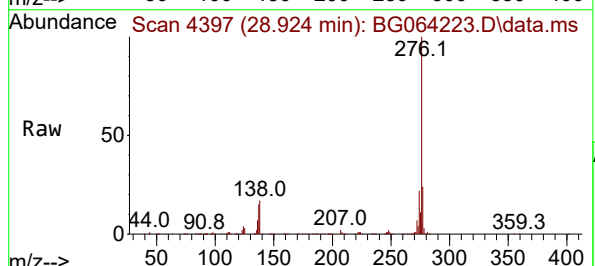
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#92
Benzo(g,h,i)perylene
Concen: 48.833 ng
RT: 28.924 min Scan# 4397
Delta R.T. -0.010 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:276 Resp: 760245
Ion Ratio Lower Upper
276 100
277 23.7 18.2 27.4
138 16.8 13.3 19.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064224.D
 Acq On : 28 Aug 2025 15:35
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:41:04 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	36015	20.000	ng	0.00
21) Naphthalene-d8	10.647	136	170958	20.000	ng	0.00
39) Acenaphthene-d10	14.484	164	119119	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	261407	20.000	ng	0.00
76) Chrysene-d12	21.458	240	260140	20.000	ng	0.00
86) Perylene-d12	24.460	264	282089	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	241289	120.199	ng	0.00
7) Phenol-d6	7.028	99	335950	121.816	ng	0.00
23) Nitrobenzene-d5	9.014	82	385656	125.810	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	183766	116.471	ng	0.00
45) 2-Fluorobiphenyl	13.109	172	931958	119.418	ng	0.00
79) Terphenyl-d14	19.842	244	1464829	117.481	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.361	88	46659	55.765	ng	93
3) Pyridine	3.749	79	148183	60.164	ng	# 59
4) n-Nitrosodimethylamine	3.667	42	98975	60.754	ng	98
6) Aniline	7.186	93	238042	62.417	ng	100
8) 2-Chlorophenol	7.421	128	152055	61.987	ng	96
9) Benzaldehyde	6.998	77	155435	68.486	ng	98
10) Phenol	7.057	94	188585	62.023	ng	97
11) bis(2-Chloroethyl)ether	7.286	93	137237	60.065	ng	94
12) 1,3-Dichlorobenzene	7.750	146	153973	59.001	ng	96
13) 1,4-Dichlorobenzene	7.891	146	156384	59.377	ng	96
14) 1,2-Dichlorobenzene	8.209	146	155259	61.080	ng	97
15) Benzyl Alcohol	8.097	79	155325	61.031	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.379	45	316667	60.705	ng	97
17) 2-Methylphenol	8.297	107	141026	62.233	ng	93
18) Hexachloroethane	8.937	117	61354	59.678	ng	90
19) n-Nitroso-di-n-propyla...	8.667	70	132872	62.952	ng	96
20) 3+4-Methylphenols	8.626	107	193119	61.332	ng	97
22) Acetophenone	8.679	105	263157	60.845	ng	98
24) Nitrobenzene	9.055	77	198465	61.967	ng	99
25) Isophorone	9.583	82	386602	60.683	ng	99
26) 2-Nitrophenol	9.760	139	90366	65.298	ng	93
27) 2,4-Dimethylphenol	9.824	122	149302	61.449	ng	96
28) bis(2-Chloroethoxy)met...	10.059	93	207316	60.350	ng	95
29) 2,4-Dichlorophenol	10.294	162	159519	62.224	ng	95
30) 1,2,4-Trichlorobenzene	10.512	180	162624	60.163	ng	97
31) Naphthalene	10.700	128	533782	60.212	ng	98
32) Benzoic acid	10.001	122	133067m	68.994	ng	
33) 4-Chloroaniline	10.800	127	214932	62.554	ng	97
34) Hexachlorobutadiene	10.988	225	121022	60.569	ng	91
35) Caprolactam	11.593	113	58399	58.831	ng	# 89
36) 4-Chloro-3-methylphenol	11.934	107	202895	60.999	ng	95
37) 2-Methylnaphthalene	12.310	142	395854	60.074	ng	96
38) 1-Methylnaphthalene	12.527	142	386279	59.349	ng	99
40) 1,2,4,5-Tetrachloroben...	12.674	216	211572	61.558	ng	98
41) Hexachlorocyclopentadiene	12.662	237	109873	67.263	ng	94
43) 2,4,6-Trichlorophenol	12.915	196	142653	62.098	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064224.D
 Acq On : 28 Aug 2025 15:35
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:41:04 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	156040	62.618	ng	100
46) 1,1'-Biphenyl	13.320	154	525792	60.603	ng	98
47) 2-Chloronaphthalene	13.361	162	399038	61.178	ng	96
48) 2-Nitroaniline	13.561	65	145751	65.561	ng	92
49) Acenaphthylene	14.207	152	575370	59.674	ng	99
50) Dimethylphthalate	13.943	163	516639	57.300	ng	100
51) 2,6-Dinitrotoluene	14.061	165	112647	64.535	ng	92
52) Acenaphthene	14.548	154	404535	59.453	ng	99
53) 3-Nitroaniline	14.390	138	115002	62.898	ng	92
54) 2,4-Dinitrophenol	14.589	184	67869	60.959	ng	95
55) Dibenzofuran	14.883	168	626661	58.552	ng	97
56) 4-Nitrophenol	14.695	139	91069	60.719	ng	96
57) 2,4-Dinitrotoluene	14.848	165	163372	61.902	ng	# 96
58) Fluorene	15.535	166	499733	56.968	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.106	232	144297	60.205	ng	98
60) Diethylphthalate	15.312	149	546656	56.652	ng	100
61) 4-Chlorophenyl-phenyle...	15.529	204	255865	58.501	ng	98
62) 4-Nitroaniline	15.553	138	118212	63.360	ng	96
63) Azobenzene	15.823	77	497962	57.900	ng	98
65) 4,6-Dinitro-2-methylph...	15.612	198	101194	67.426	ng	91
66) n-Nitrosodiphenylamine	15.741	169	441909	61.453	ng	100
67) 4-Bromophenyl-phenylether	16.422	248	171364	61.720	ng	95
68) Hexachlorobenzene	16.534	284	190207	61.691	ng	96
69) Atrazine	16.693	200	176003	58.617	ng	99
70) Pentachlorophenol	16.875	266	122654	65.608	ng	93
71) Phenanthrene	17.269	178	816436	59.216	ng	99
72) Anthracene	17.357	178	838831	59.810	ng	99
73) Carbazole	17.627	167	733146	59.340	ng	98
74) Di-n-butylphthalate	18.197	149	877217	59.097	ng	98
75) Fluoranthene	19.278	202	947053	58.419	ng	100
77) Benzidine	19.454	184	278230	50.842	ng	99
78) Pyrene	19.636	202	990486	60.435	ng	99
80) Butylbenzylphthalate	20.535	149	386881	62.586	ng	98
81) Benzo(a)anthracene	21.434	228	1010842	60.738	ng	99
82) 3,3'-Dichlorobenzidine	21.358	252	324809	59.926	ng	98
83) Chrysene	21.499	228	958620	59.998	ng	98
84) Bis(2-ethylhexyl)phtha...	21.364	149	572579	61.696	ng	98
85) Di-n-octyl phthalate	22.504	149	1017157	62.901	ng	100
87) Indeno(1,2,3-cd)pyrene	27.868	276	1208324	62.724	ng	# 96
88) Benzo(b)fluoranthene	23.520	252	985063	61.873	ng	99
89) Benzo(k)fluoranthene	23.585	252	994667	61.325	ng	98
90) Benzo(a)pyrene	24.331	252	923392	62.350	ng	97
91) Dibenzo(a,h)anthracene	27.921	278	968236	62.598	ng	99
92) Benzo(g,h,i)perylene	28.925	276	933012	61.991	ng	98

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

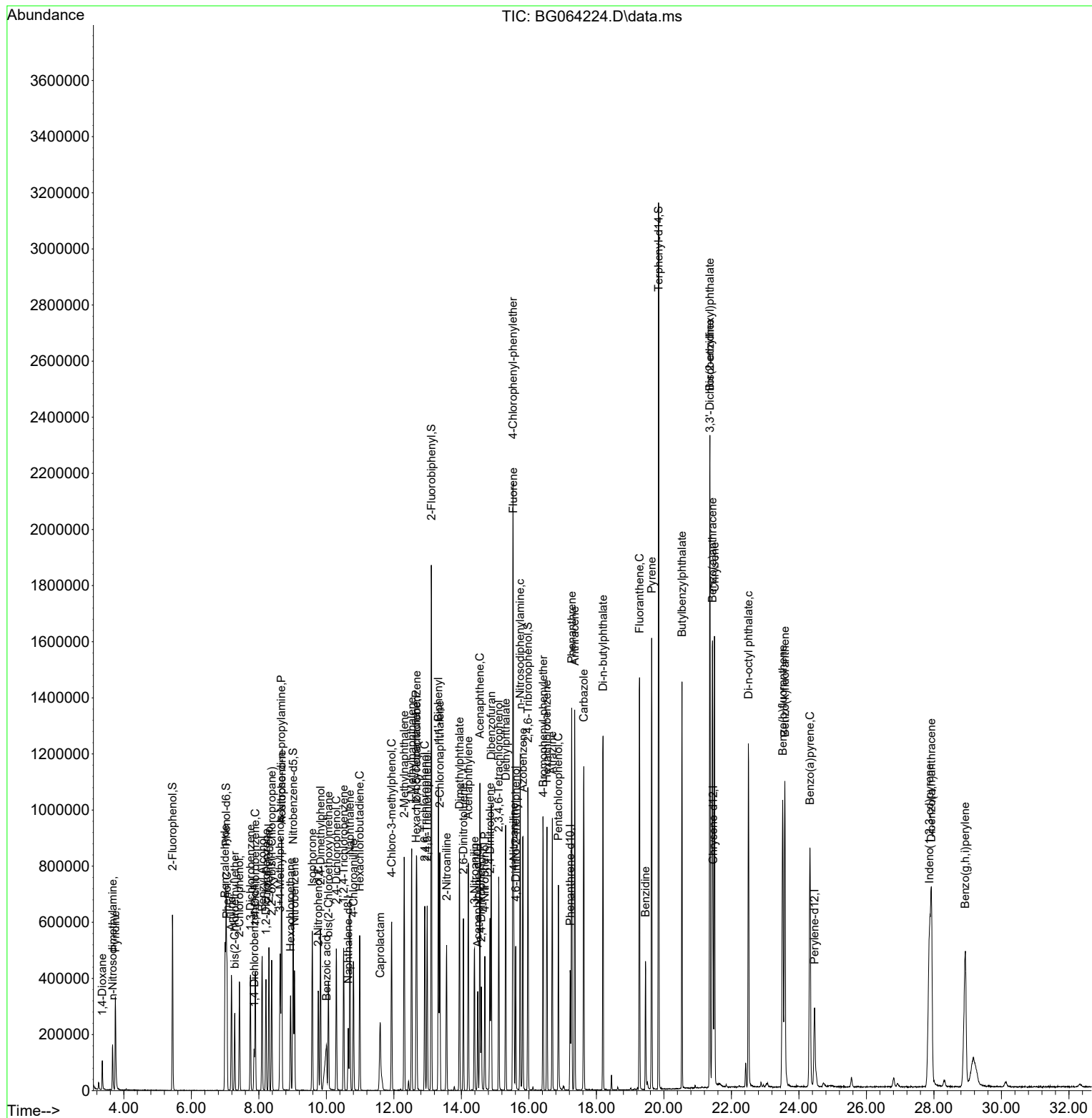
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064224.D
Acq On : 28 Aug 2025 15:35
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

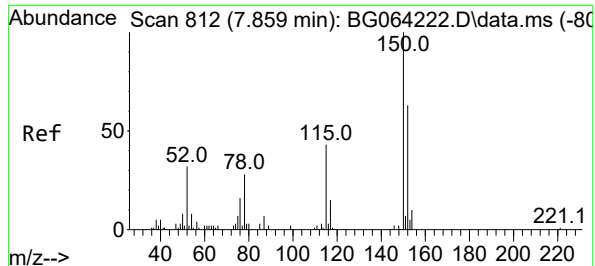
Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jaagrut Upadhyay 08/29/2025

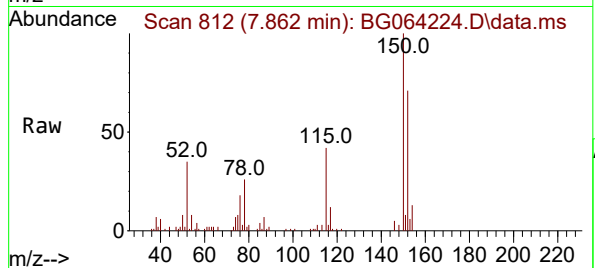
Quant Time: Aug 28 18:41:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.862 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

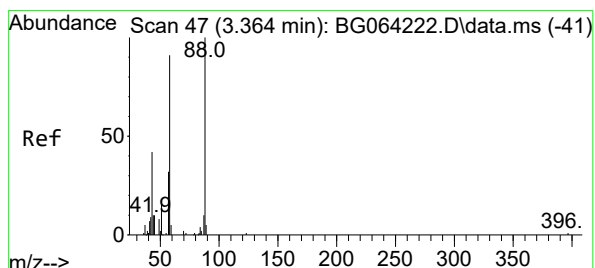
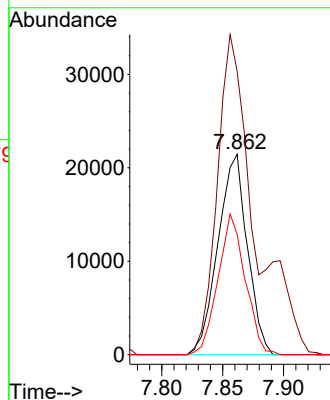
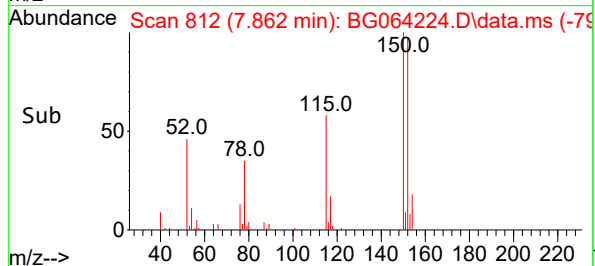
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:152 Resp: 3601
Ion Ratio Lower Upper
152 100
150 141.4 128.0 192.0
115 59.9 55.7 83.5

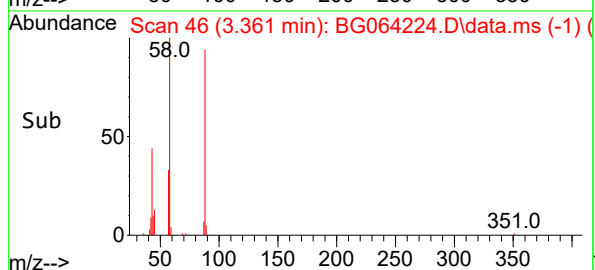
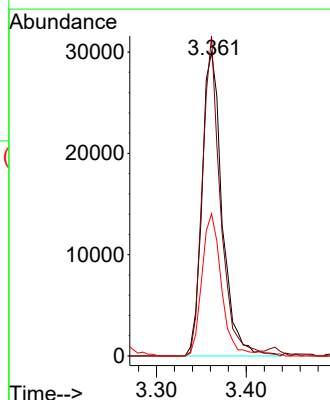
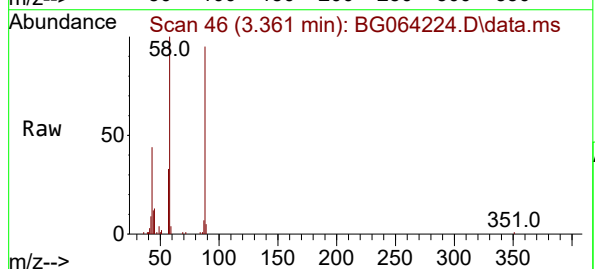
Manual Integrations
APPROVED

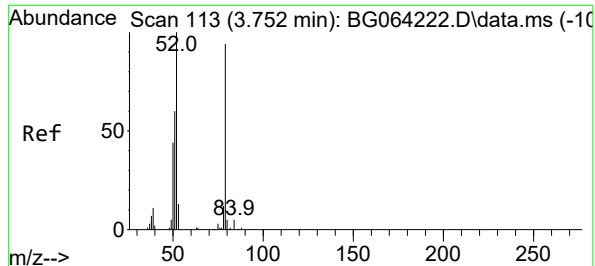
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#2
1,4-Dioxane
Concen: 55.765 ng
RT: 3.361 min Scan# 46
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

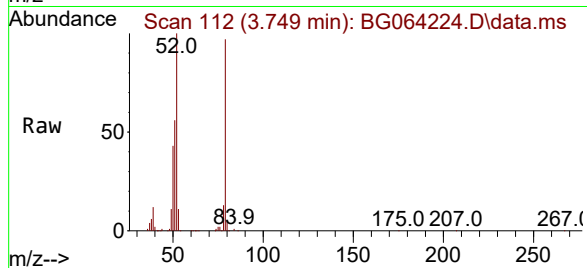
Tgt Ion: 88 Resp: 46659
Ion Ratio Lower Upper
88 100
58 94.1 80.8 121.2
43 46.0 40.3 60.5





#3
Pyridine
Concen: 60.164 ng
RT: 3.749 min Scan# 113
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

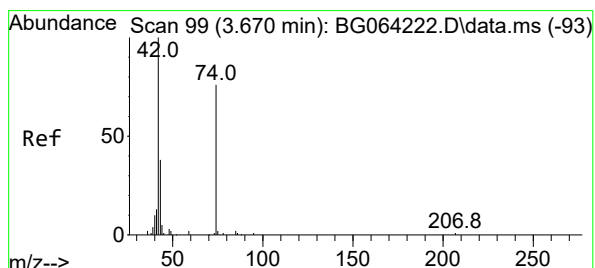
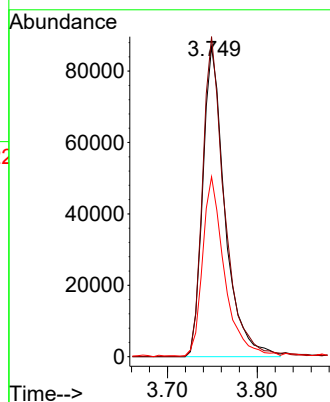
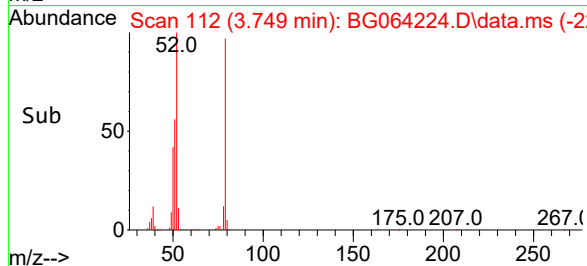
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion: 79 Resp: 14818
Ion Ratio Lower Upper
79 100
52 103.3 86.6 129.8
51 58.0 114.1 171.1

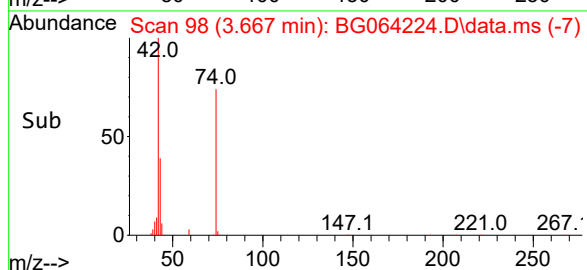
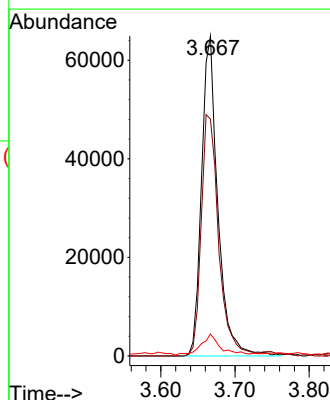
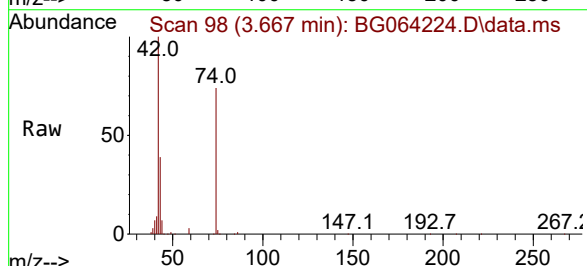
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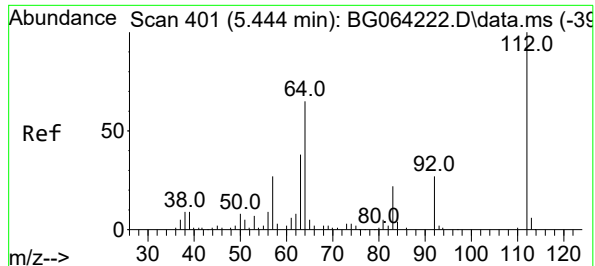
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#4
n-Nitrosodimethylamine
Concen: 60.754 ng
RT: 3.667 min Scan# 98
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion: 42 Resp: 98975
Ion Ratio Lower Upper
42 100
74 74.0 58.0 87.0
44 6.8 5.5 8.3





#5

2-Fluorophenol

Concen: 120.199 ng

RT: 5.441 min Scan# 401

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:112 Resp: 241289

Ion Ratio Lower Upper

112 100

64 65.8 51.8 77.6

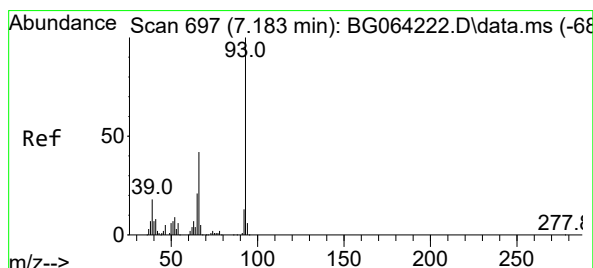
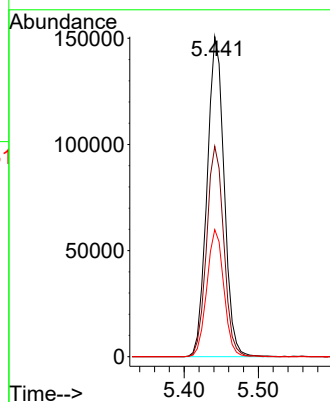
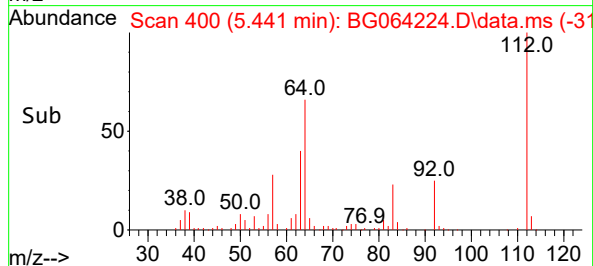
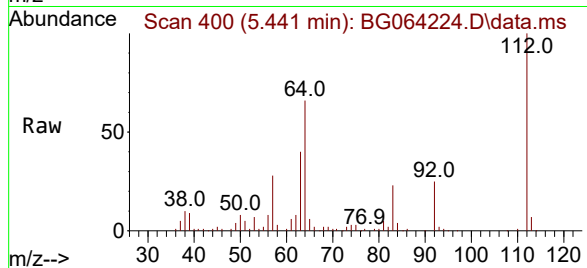
63 39.7 30.6 45.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#6

Aniline

Concen: 62.417 ng

RT: 7.186 min Scan# 697

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

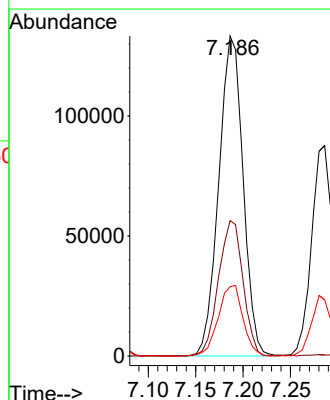
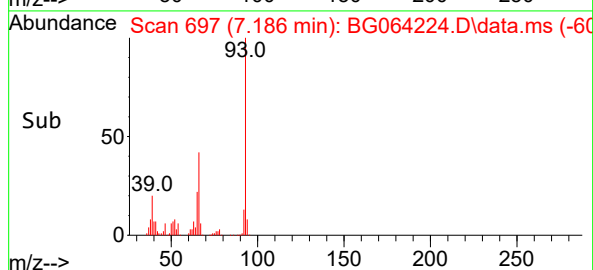
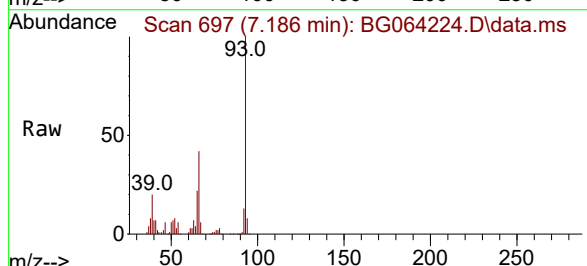
Tgt Ion: 93 Resp: 238042

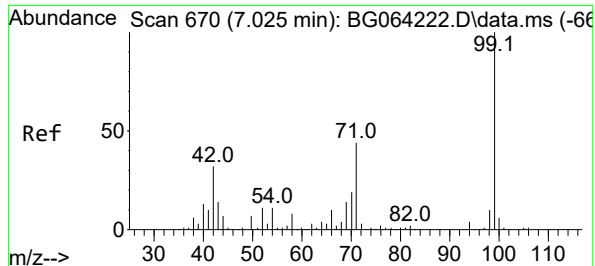
Ion Ratio Lower Upper

93 100

66 42.3 33.8 50.8

65 21.7 16.9 25.3





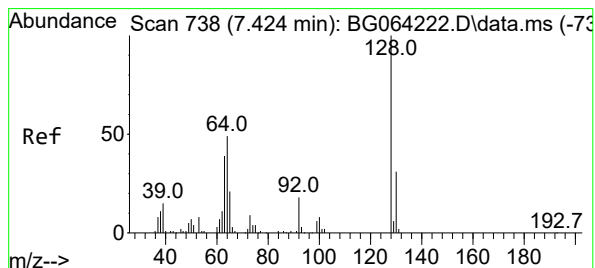
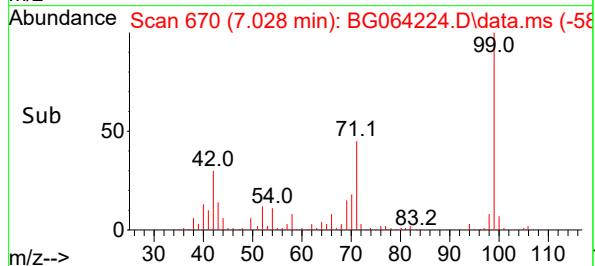
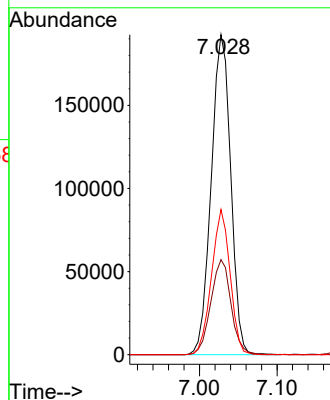
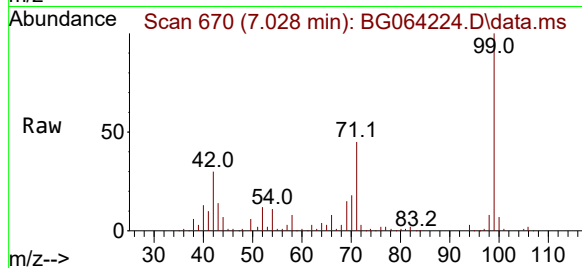
#7
Phenol-d6
Concen: 121.816 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 335950
Ion Ratio Lower Upper
99 100
42 29.7 25.8 38.8
71 45.4 35.2 52.8

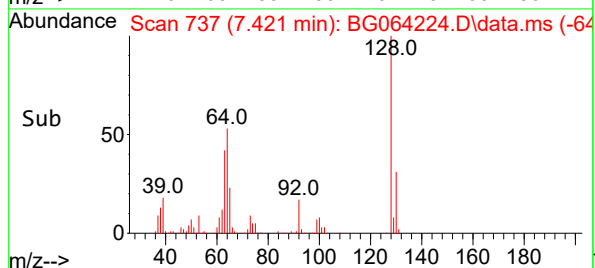
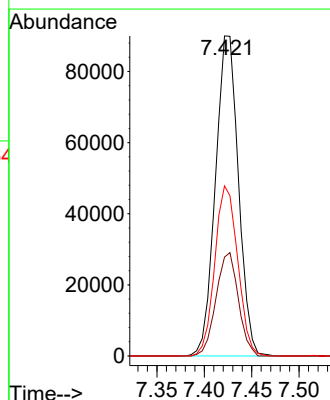
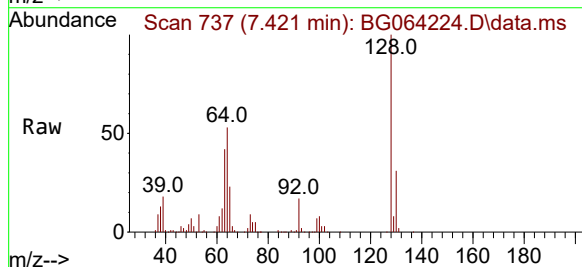
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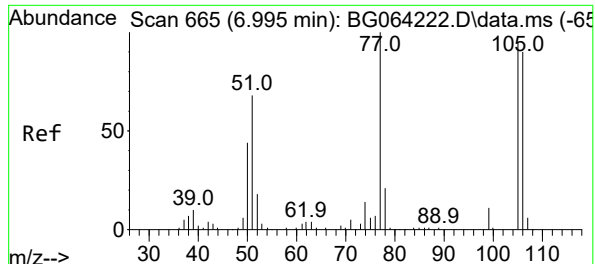
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#8
2-Chlorophenol
Concen: 61.987 ng
RT: 7.421 min Scan# 737
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:128 Resp: 152055
Ion Ratio Lower Upper
128 100
130 30.9 10.9 50.9
64 53.2 28.7 68.7





#9

Benzaldehyde

Concen: 68.486 ng

RT: 6.998 min Scan# 665

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 15543

Ion Ratio Lower Upper

77 100

105 96.6 75.2 115.2

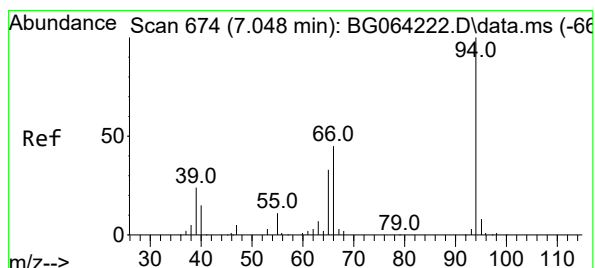
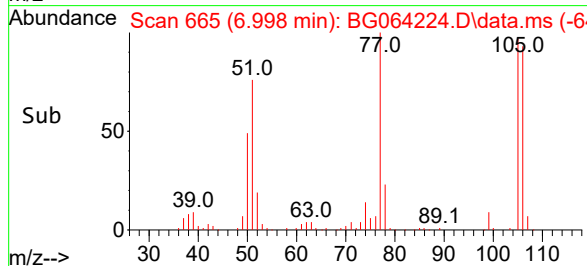
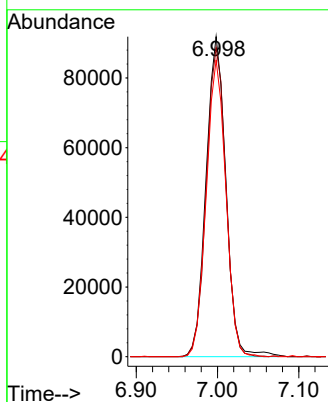
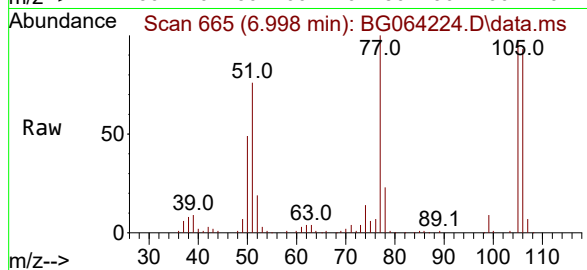
106 92.7 69.6 109.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#10

Phenol

Concen: 62.023 ng

RT: 7.057 min Scan# 675

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

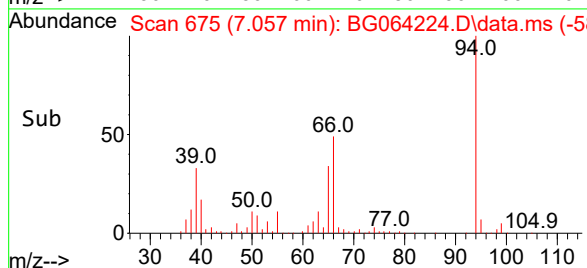
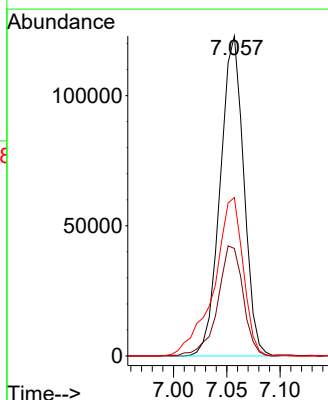
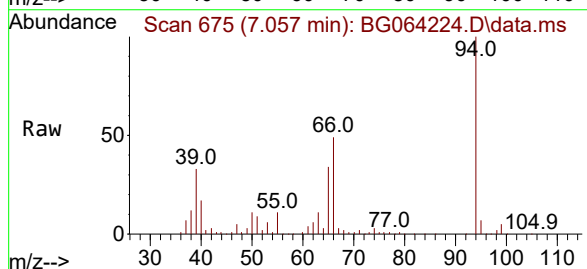
Tgt Ion: 94 Resp: 188585

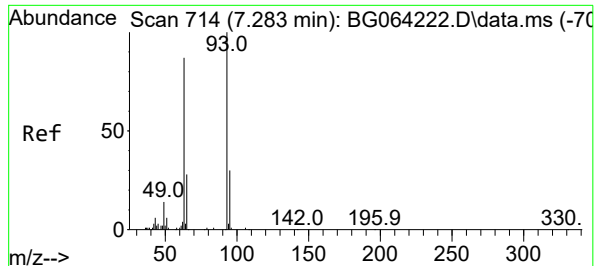
Ion Ratio Lower Upper

94 100

65 33.6 13.5 53.5

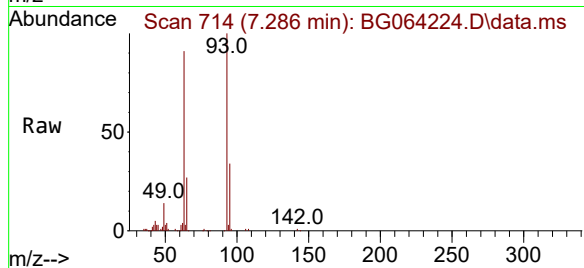
66 49.5 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 60.065 ng
RT: 7.286 min Scan# 714
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

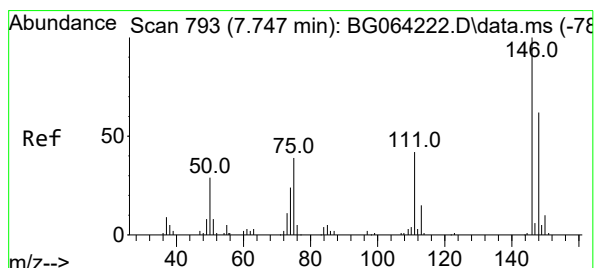
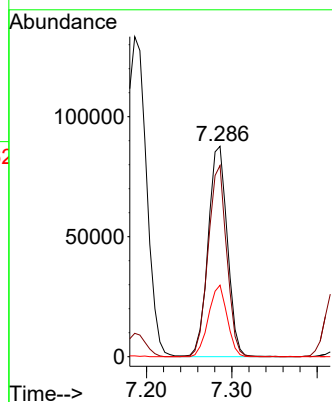
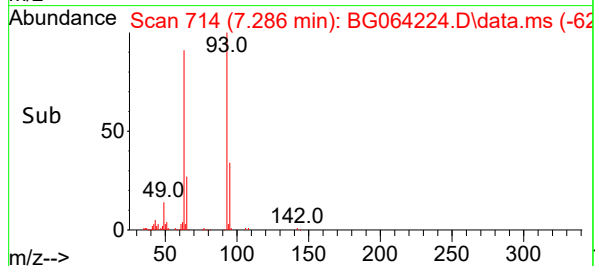
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



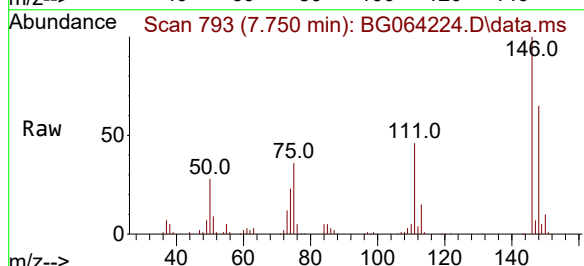
Tgt Ion: 93 Resp: 13723
Ion Ratio Lower Upper
93 100
63 90.9 66.2 106.2
95 34.0 9.8 49.8

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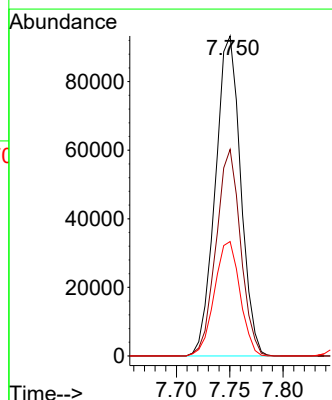
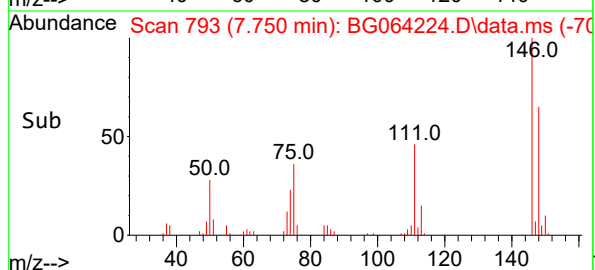
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

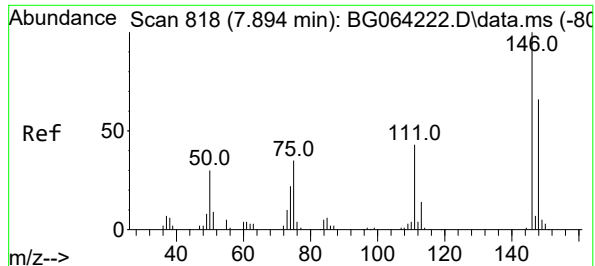


#12
1,3-Dichlorobenzene
Concen: 59.001 ng
RT: 7.750 min Scan# 793
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35



Tgt Ion:146 Resp: 153973
Ion Ratio Lower Upper
146 100
148 64.6 49.6 74.4
75 35.8 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 59.377 ng

RT: 7.891 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 156384

Ion Ratio Lower Upper

146 100

148 65.8 52.8 79.2

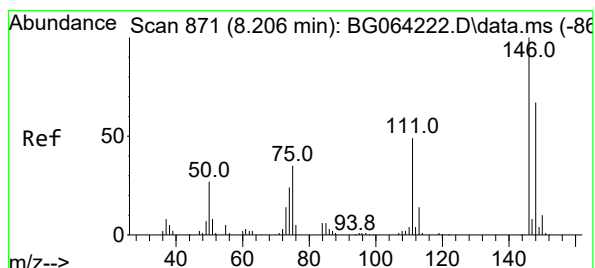
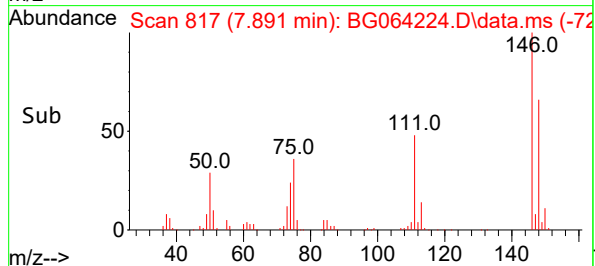
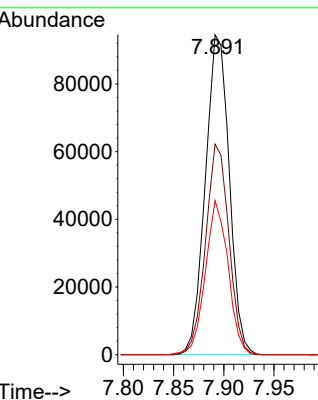
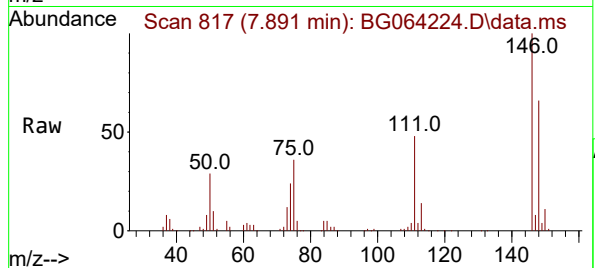
111 48.1 34.1 51.1

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Supervised By :Jagrut Upadhyay 08/29/2025



#14

1,2-Dichlorobenzene

Concen: 61.080 ng

RT: 8.209 min Scan# 871

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

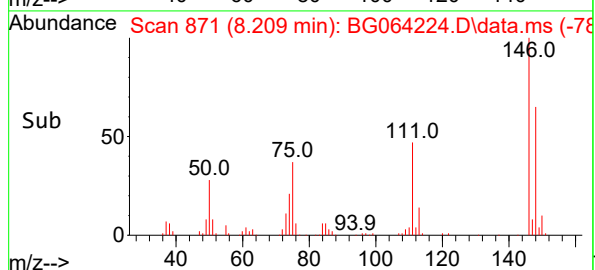
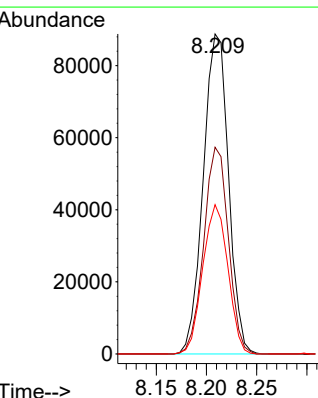
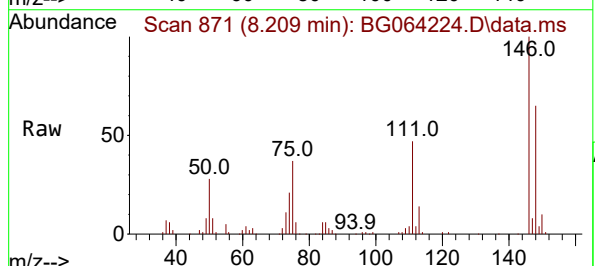
Tgt Ion:146 Resp: 155259

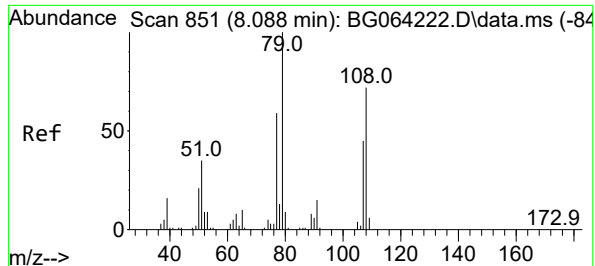
Ion Ratio Lower Upper

146 100

148 64.6 53.4 80.0

111 46.6 39.1 58.7





#15

Benzyl Alcohol

Concen: 61.031 ng

RT: 8.097 min Scan# 8

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 15532

Ion Ratio Lower Upper

79 100

108 75.0 57.4 86.0

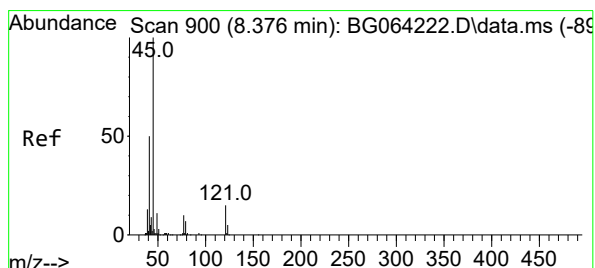
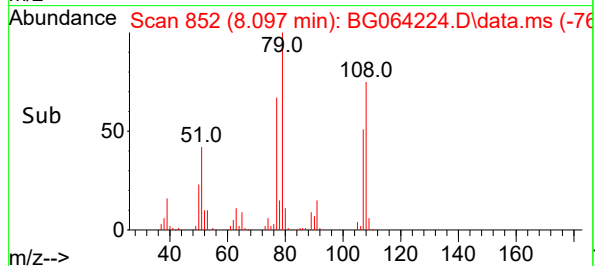
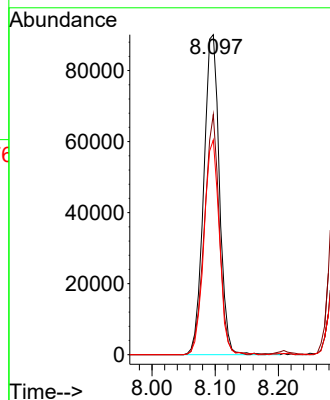
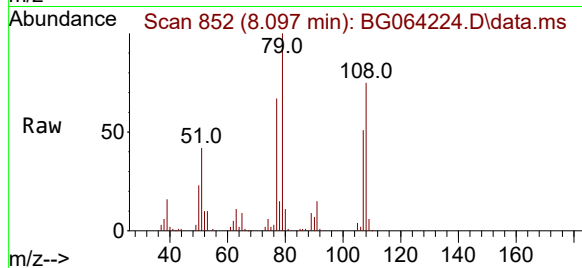
77 67.1 47.2 70.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 60.705 ng

RT: 8.379 min Scan# 900

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

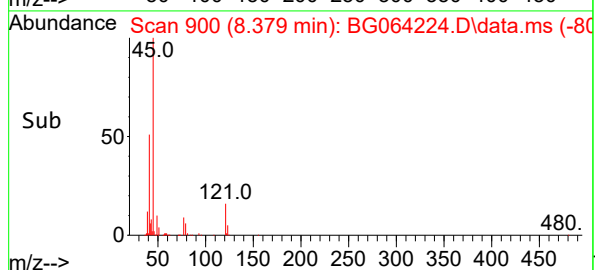
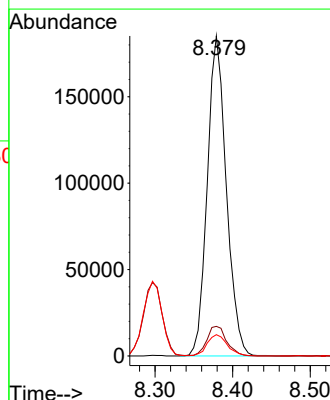
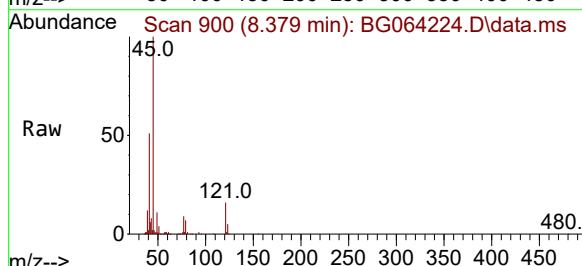
Tgt Ion: 45 Resp: 316667

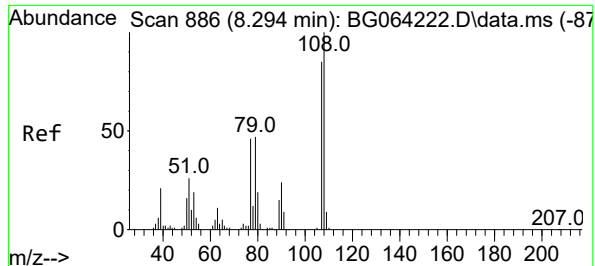
Ion Ratio Lower Upper

45 100

77 9.2 0.0 30.0

79 6.7 0.0 27.9





#17

2-Methylphenol

Concen: 62.233 ng

RT: 8.297 min Scan# 886

Delta R.T. -0.003 min

Lab File: BG064224.D

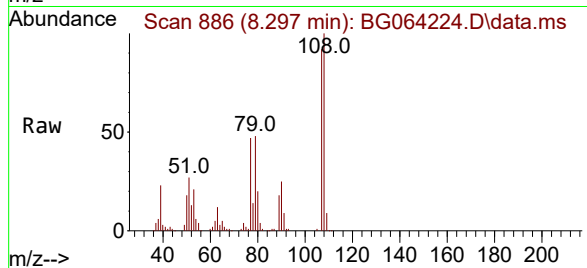
Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060



Tgt Ion:107 Resp: 141020

Ion Ratio Lower Upper

107 100

108 108.8 94.6 141.8

77 51.3 43.7 65.5

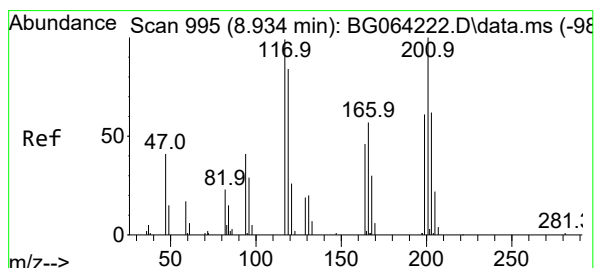
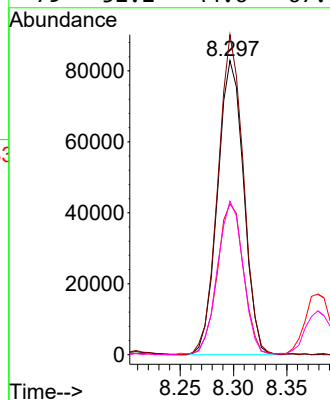
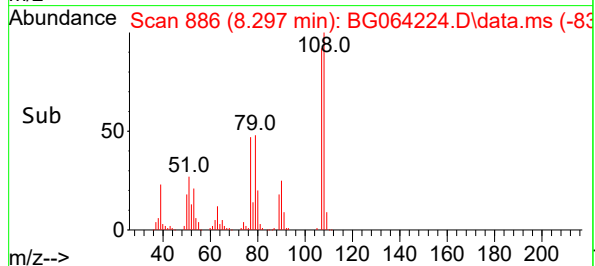
79 52.2 44.6 67.0

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#18

Hexachloroethane

Concen: 59.678 ng

RT: 8.937 min Scan# 995

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

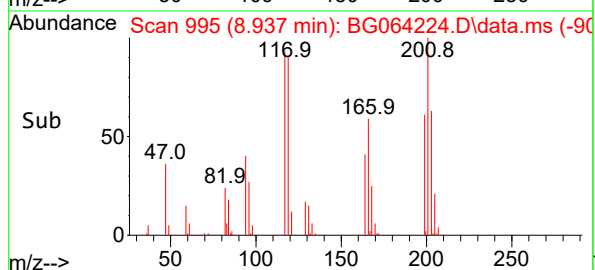
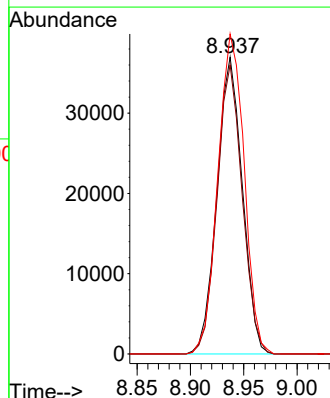
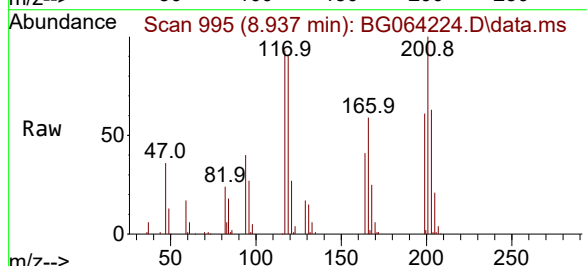
Tgt Ion:117 Resp: 61354

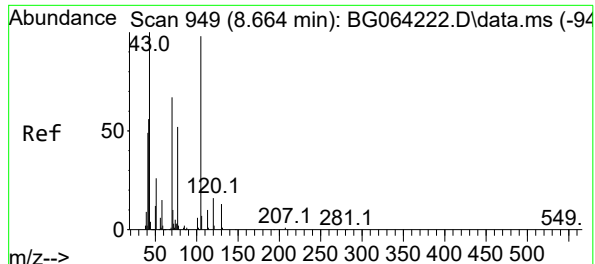
Ion Ratio Lower Upper

117 100

119 97.4 67.9 101.9

201 107.8 80.5 120.7





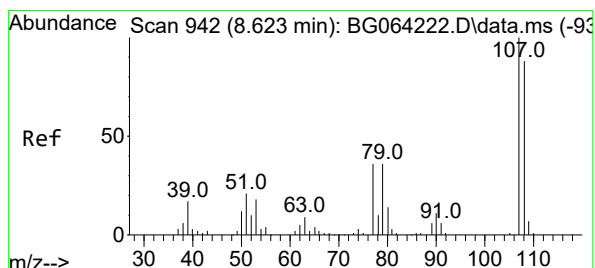
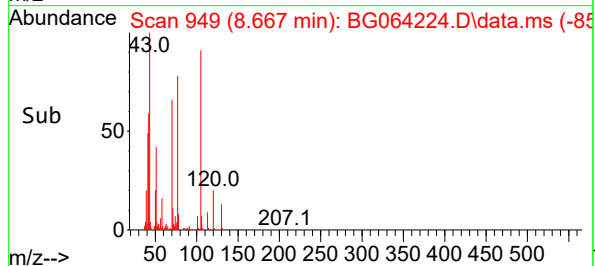
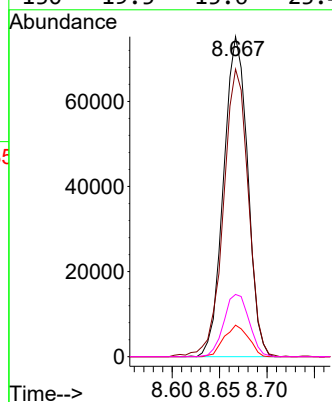
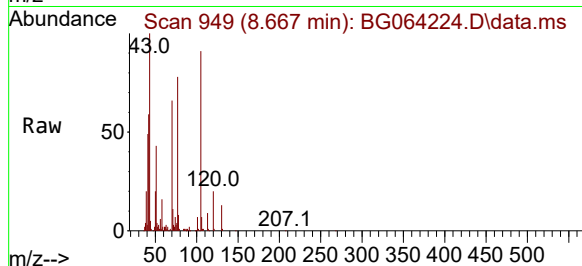
#19
n-Nitroso-di-n-propylamine
Concen: 62.952 ng
RT: 8.667 min Scan# 949
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 132872
Ion Ratio Lower Upper
70 100
42 89.9 67.9 101.9
101 9.9 7.3 10.9
130 19.5 15.6 23.4

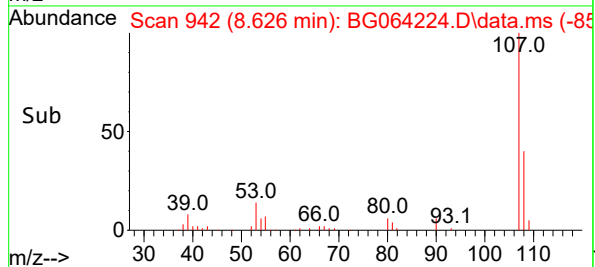
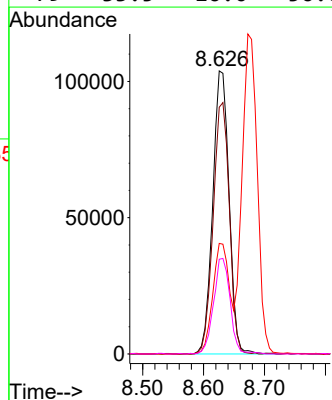
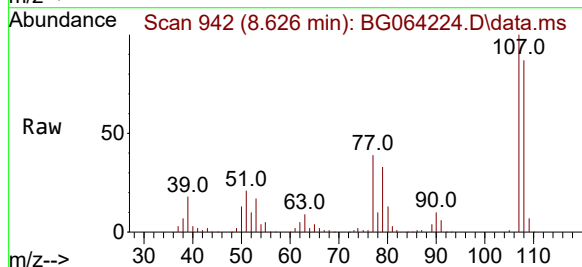
Manual Integrations
APPROVED

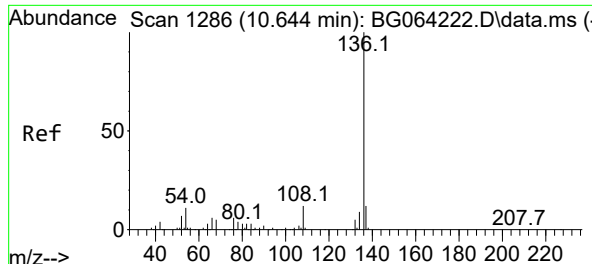
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#20
3+4-Methylphenols
Concen: 61.332 ng
RT: 8.626 min Scan# 942
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

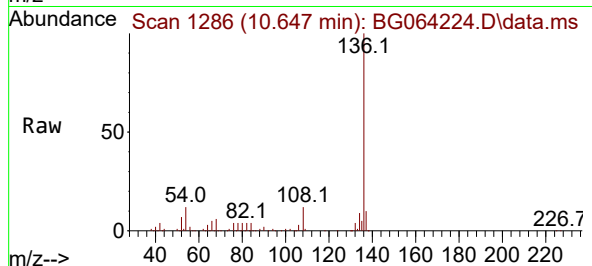
Tgt Ion:107 Resp: 193119
Ion Ratio Lower Upper
107 100
108 87.2 68.1 108.1
77 39.1 15.9 55.9
79 33.5 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.647 min Scan# 1286
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

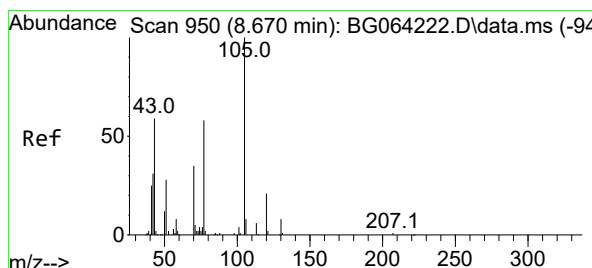
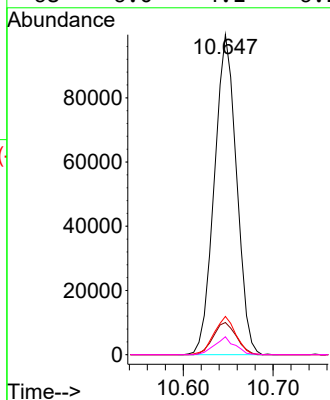
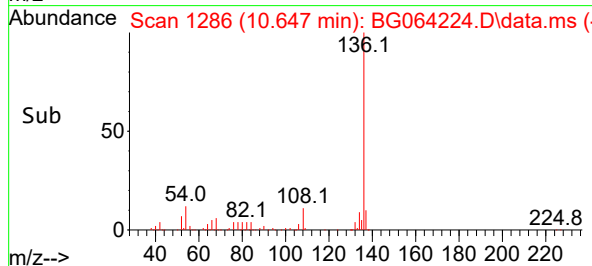
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:136 Resp: 170958
Ion Ratio Lower Upper
136 100
137 10.1 9.6 14.4
54 12.0 8.8 13.2
68 6.0 4.1 6.1

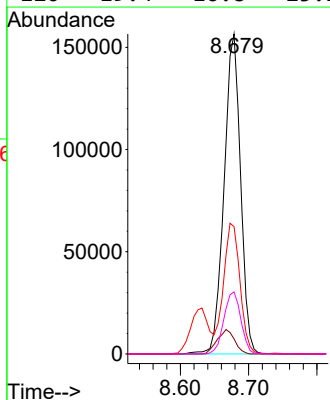
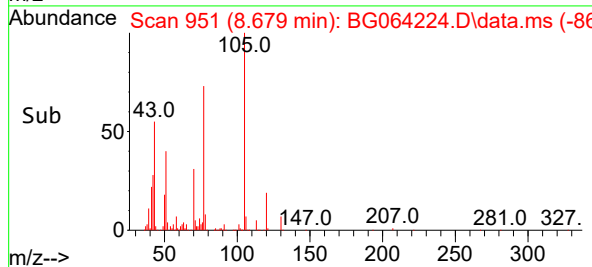
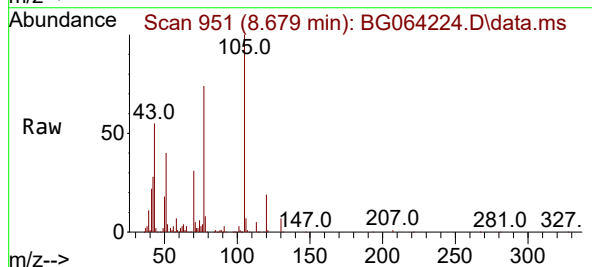
Manual Integrations
APPROVED

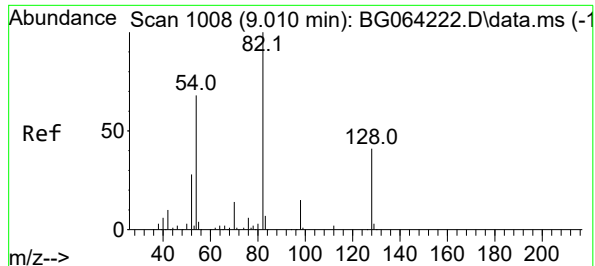
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#22
Acetophenone
Concen: 60.845 ng
RT: 8.679 min Scan# 951
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

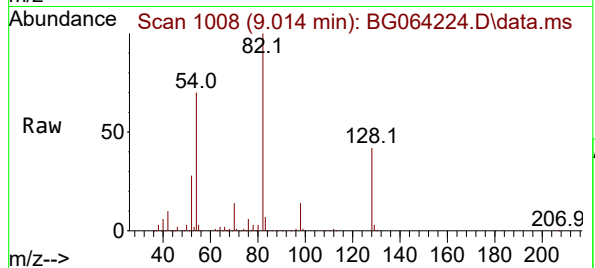
Tgt Ion:105 Resp: 263157
Ion Ratio Lower Upper
105 100
71 4.7 4.3 6.5
51 39.8 32.4 48.6
120 19.4 16.8 25.2





#23
Nitrobenzene-d5
Concen: 125.810 ng
RT: 9.014 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

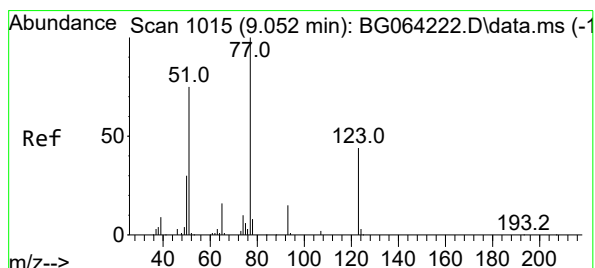
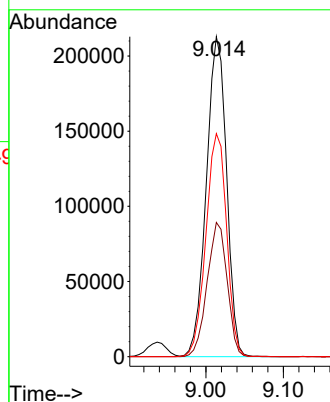
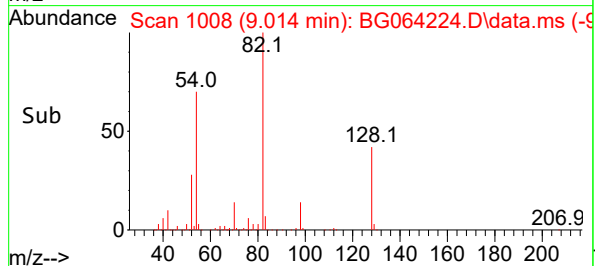
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



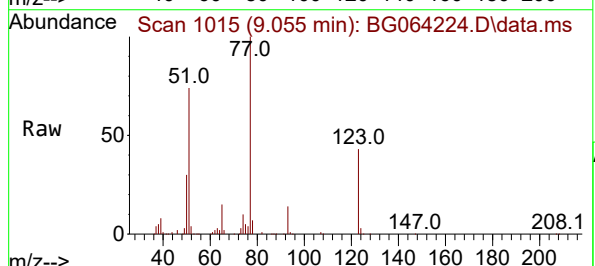
Tgt Ion: 82 Resp: 385650
Ion Ratio Lower Upper
82 100
128 42.0 32.6 48.8
54 69.7 54.7 82.1

Manual Integrations
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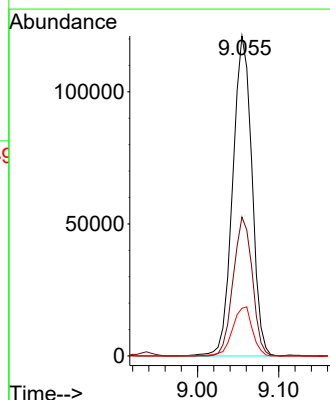
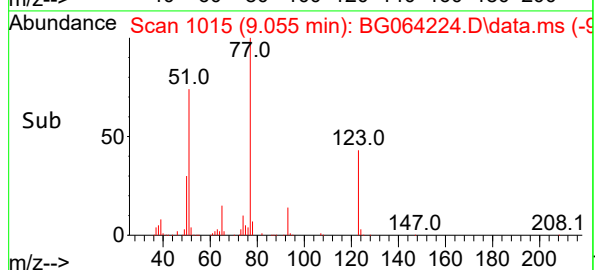
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

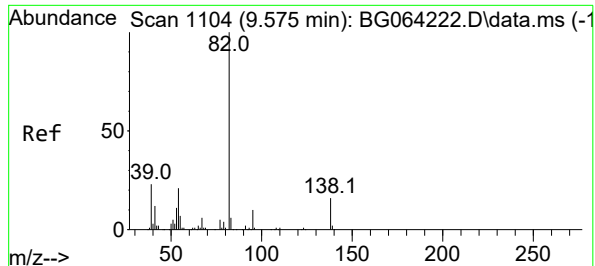


#24
Nitrobenzene
Concen: 61.967 ng
RT: 9.055 min Scan# 1015
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35



Tgt Ion: 77 Resp: 198465
Ion Ratio Lower Upper
77 100
123 43.4 35.2 52.8
65 14.9 12.6 19.0





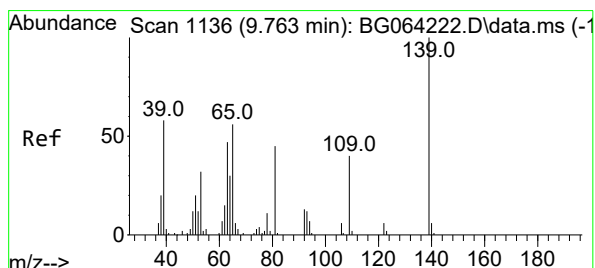
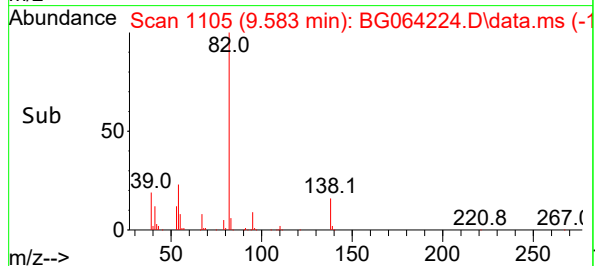
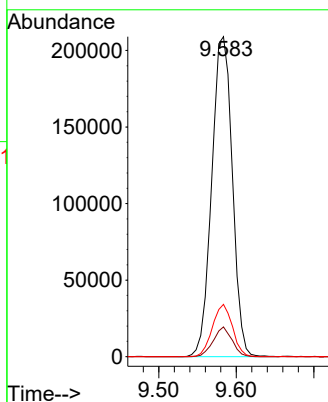
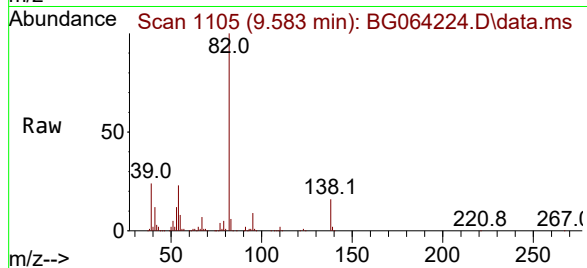
#25
Isophorone
Concen: 60.683 ng
RT: 9.583 min Scan# 1105
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 386602
Ion Ratio Lower Upper
82 100
95 9.3 7.9 11.9
138 16.3 13.0 19.4

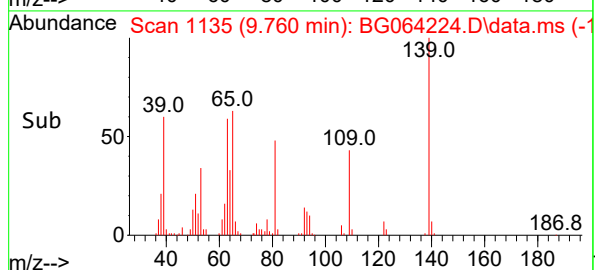
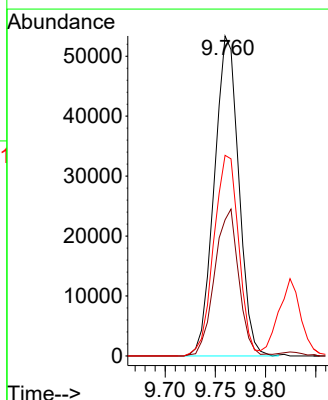
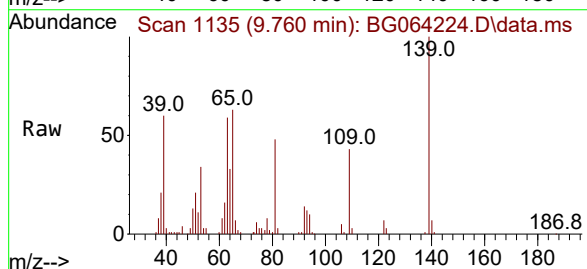
Manual Integrations
APPROVED

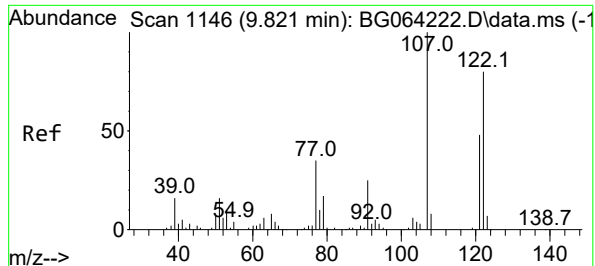
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#26
2-Nitrophenol
Concen: 65.298 ng
RT: 9.760 min Scan# 1135
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:139 Resp: 90366
Ion Ratio Lower Upper
139 100
109 42.6 32.4 48.6
65 62.7 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 61.449 ng

RT: 9.824 min Scan# 1146

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

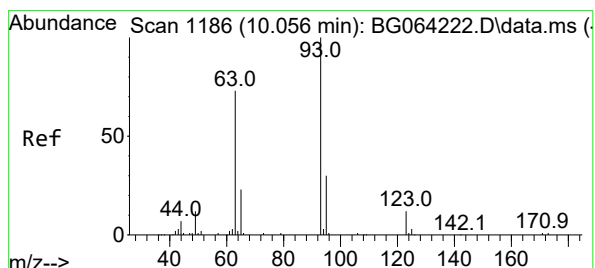
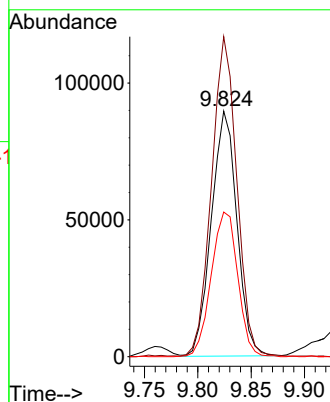
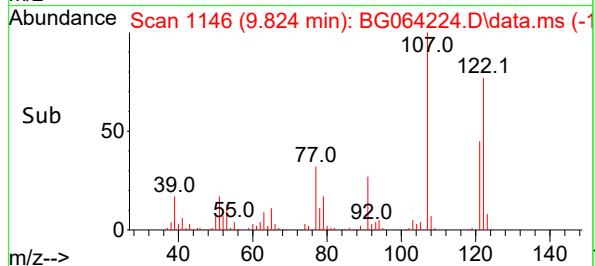
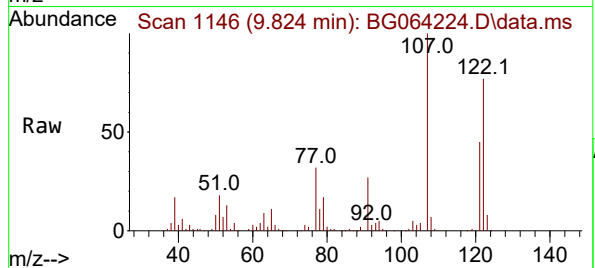
Tgt Ion:122 Resp: 149302
Ion Ratio Lower Upper
122 100
107 130.3 99.9 149.9
121 58.9 48.6 72.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#28

bis(2-Chloroethoxy)methane

Concen: 60.350 ng

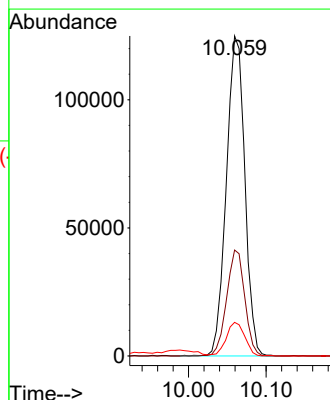
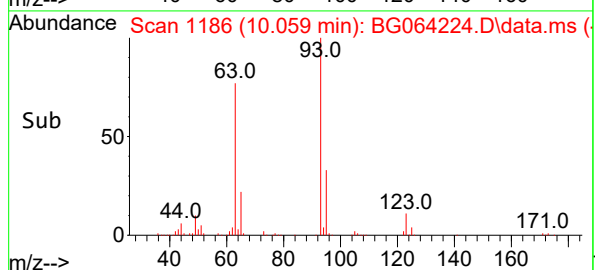
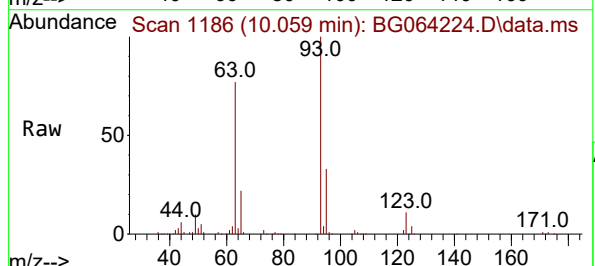
RT: 10.059 min Scan# 1186

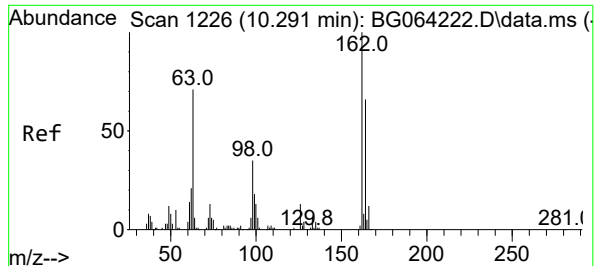
Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Tgt Ion: 93 Resp: 207316
Ion Ratio Lower Upper
93 100
95 33.1 23.9 35.9
123 10.5 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 62.224 ng

RT: 10.294 min Scan# 1226

Delta R.T. -0.003 min

Lab File: BG064224.D

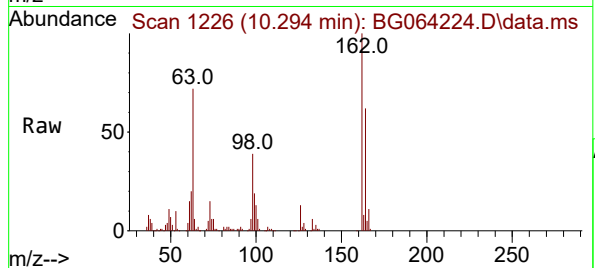
Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDIC060



Tgt Ion:162 Resp: 159519

Ion Ratio Lower Upper

162 100

164 62.0 45.8 85.8

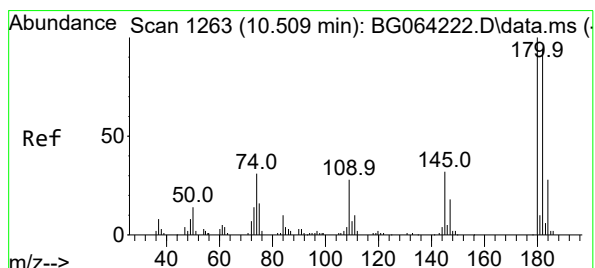
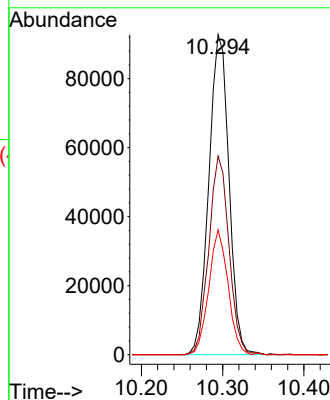
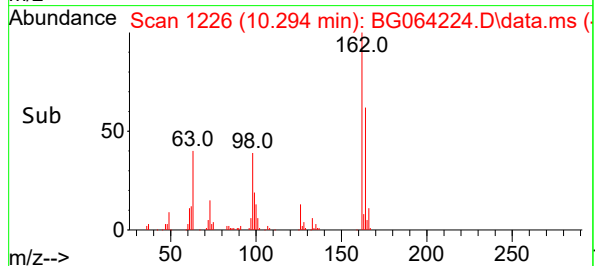
98 39.0 15.2 55.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#30

1,2,4-Trichlorobenzene

Concen: 60.163 ng

RT: 10.512 min Scan# 1263

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

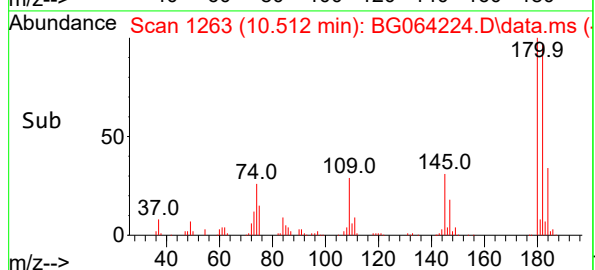
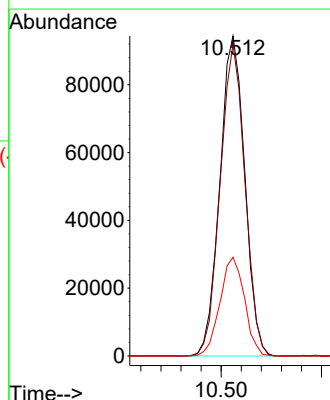
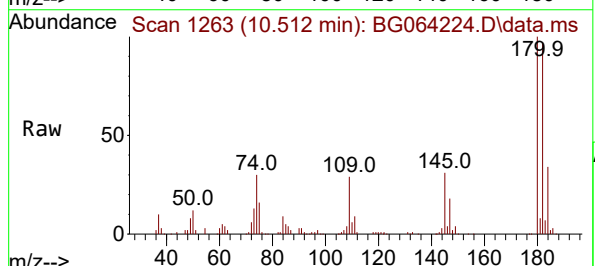
Tgt Ion:180 Resp: 162624

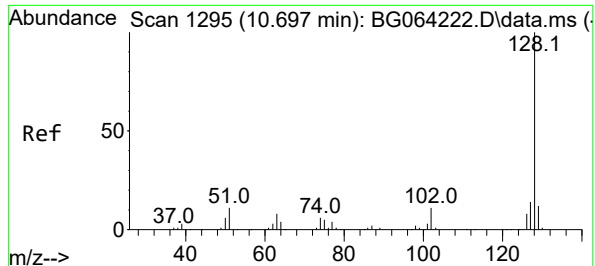
Ion Ratio Lower Upper

180 100

182 97.4 75.0 112.6

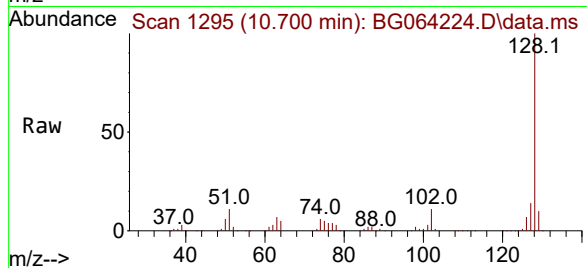
145 30.8 25.4 38.0





#31
Naphthalene
Concen: 60.212 ng
RT: 10.700 min Scan# 1175
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

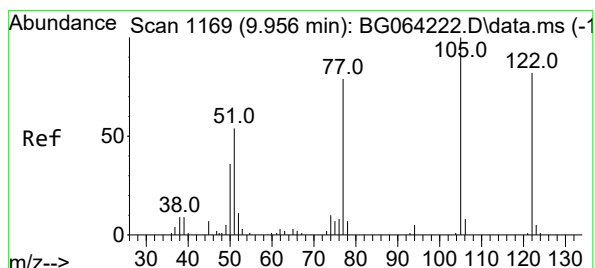
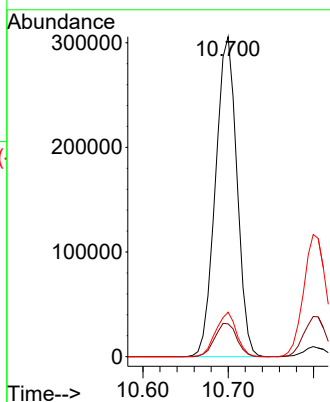
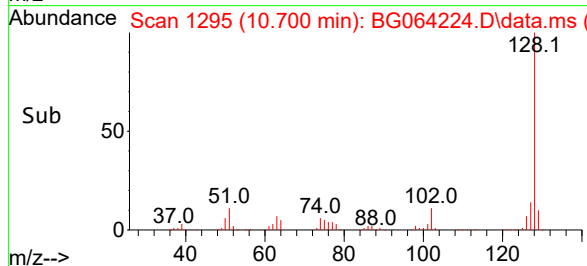
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:128 Resp: 53378
Ion Ratio Lower Upper
128 100
129 10.2 9.4 14.2
127 13.9 10.9 16.3

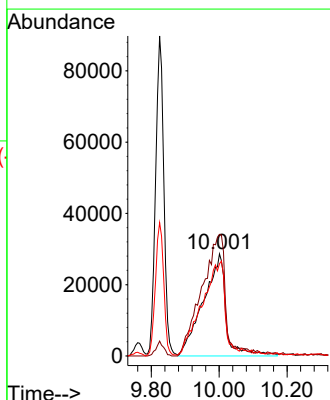
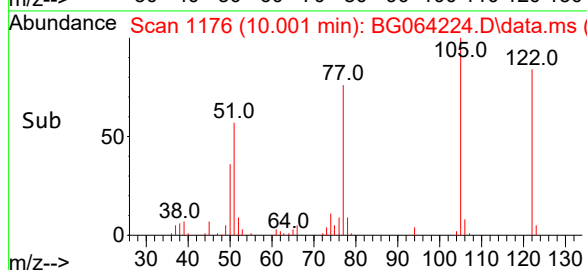
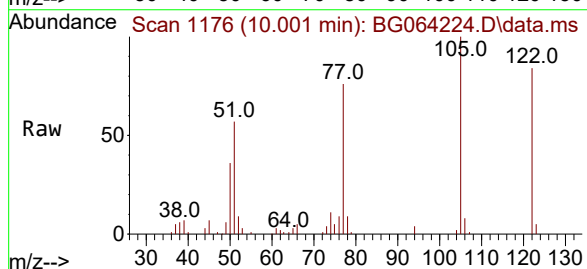
Manual Integrations
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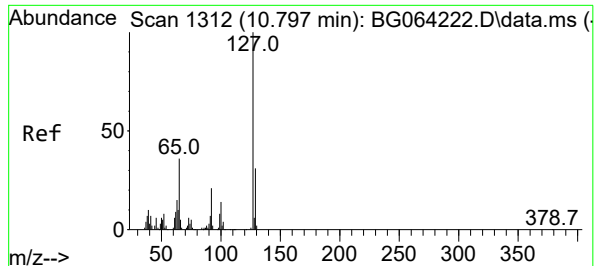
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#32
Benzoic acid
Concen: 68.994 ng m
RT: 10.001 min Scan# 1176
Delta R.T. -0.015 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

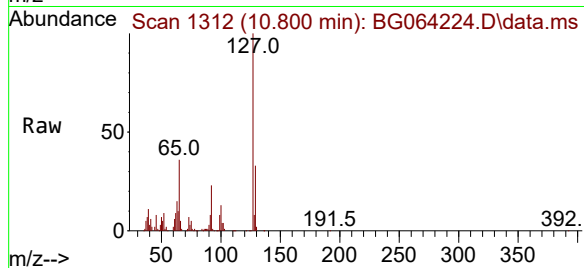
Tgt Ion:122 Resp: 133067
Ion Ratio Lower Upper
122 100
105 119.2 98.5 138.5
77 90.2 74.6 114.6





#33
4-Chloroaniline
Concen: 62.554 ng
RT: 10.800 min Scan# 1312
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

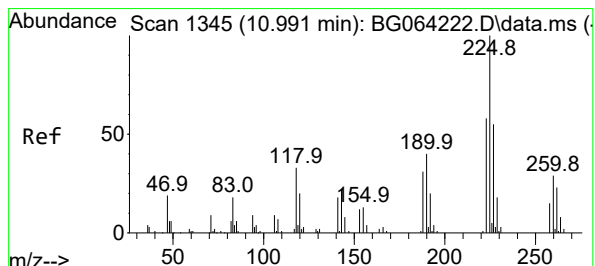
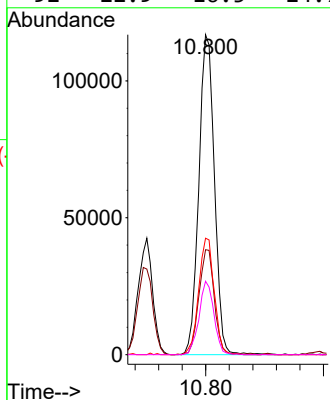
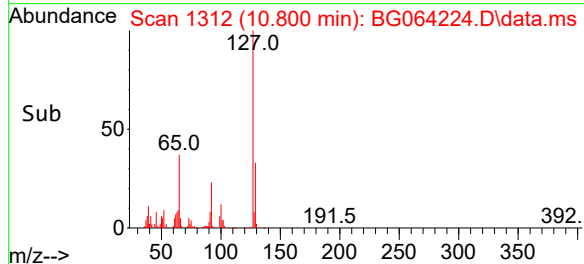
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:127 Resp: 214932
Ion Ratio Lower Upper
127 100
129 32.8 25.0 37.4
65 36.4 28.7 43.1
92 22.9 16.5 24.7

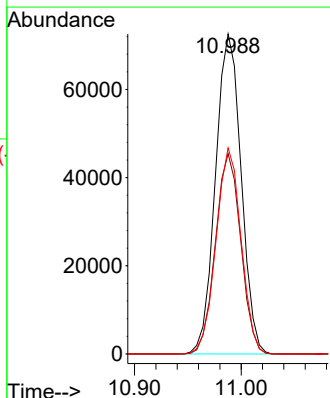
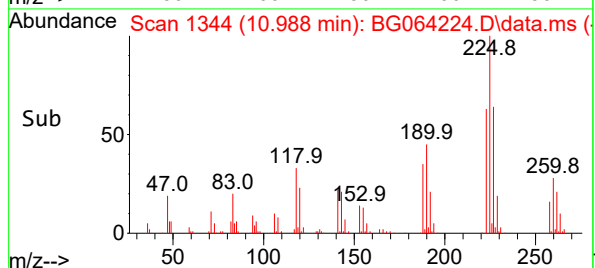
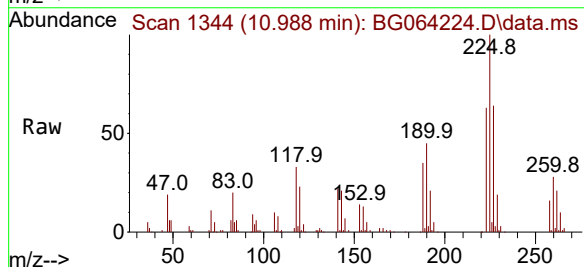
Manual Integrations
APPROVED

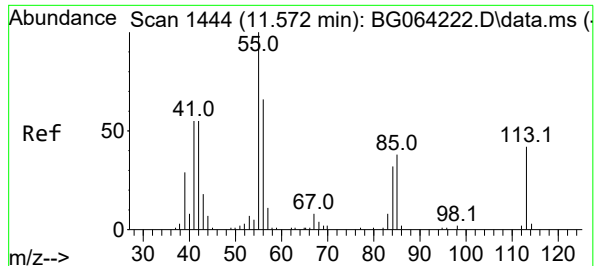
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#34
Hexachlorobutadiene
Concen: 60.569 ng
RT: 10.988 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

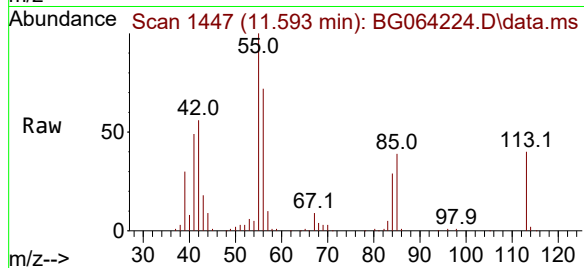
Tgt Ion:225 Resp: 121022
Ion Ratio Lower Upper
225 100
223 62.6 46.5 69.7
227 64.4 44.1 66.1





#35
Caprolactam
Concen: 58.831 ng
RT: 11.593 min Scan# 1444
Delta R.T. -0.009 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

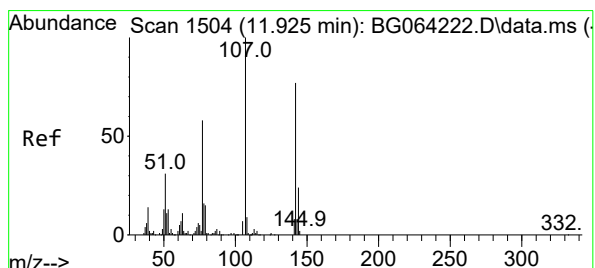
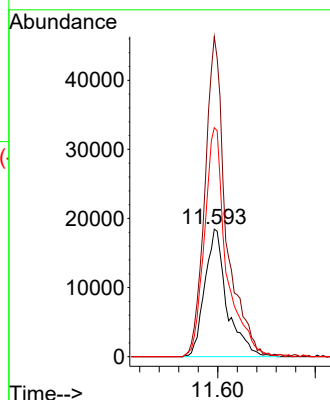
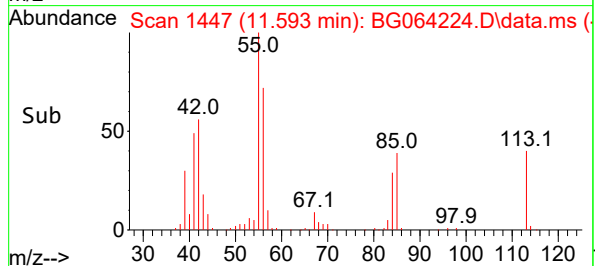
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:113 Resp: 58395
Ion Ratio Lower Upper
113 100
55 251.0 218.5 258.5
56 179.6 138.5 178.5

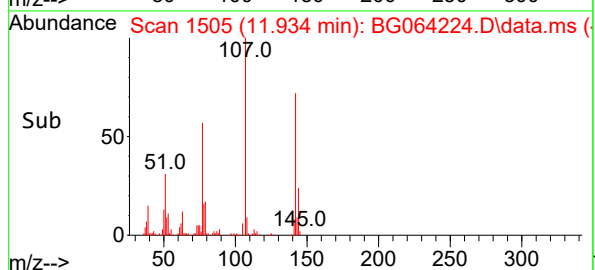
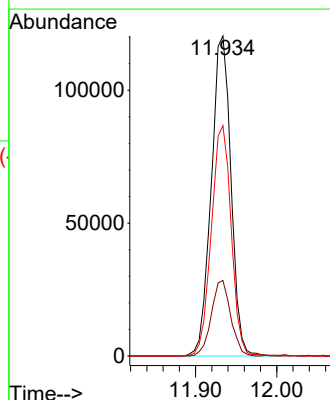
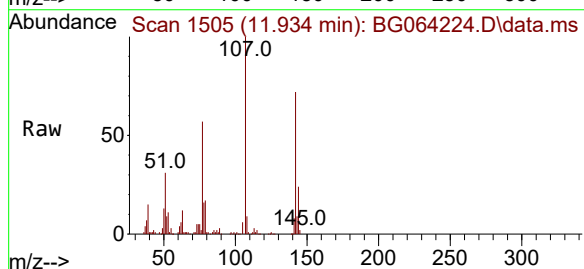
Manual Integrations
APPROVED

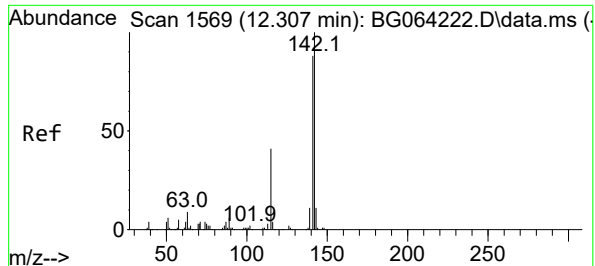
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#36
4-Chloro-3-methylphenol
Concen: 60.999 ng
RT: 11.934 min Scan# 1505
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

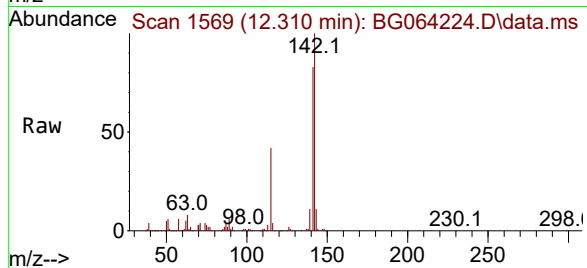
Tgt Ion:107 Resp: 202895
Ion Ratio Lower Upper
107 100
144 23.6 19.5 29.3
142 71.9 62.0 93.0





#37
2-Methylnaphthalene
Concen: 60.074 ng
RT: 12.310 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

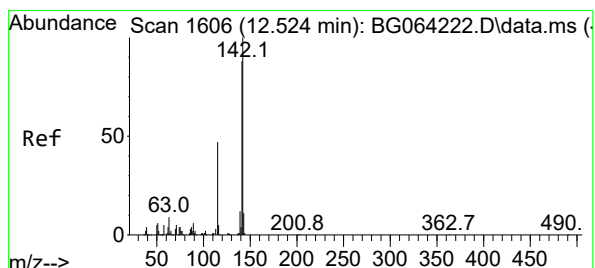
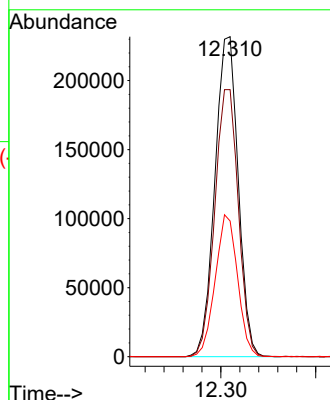
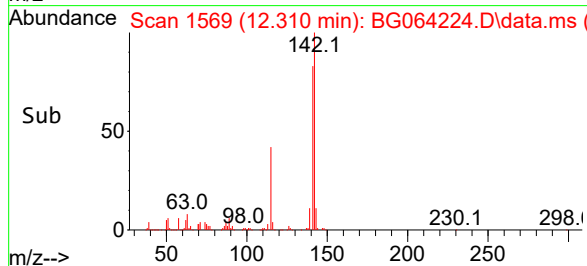
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:142 Resp: 395854
Ion Ratio Lower Upper
142 100
141 83.4 70.1 105.1
115 42.4 33.1 49.7

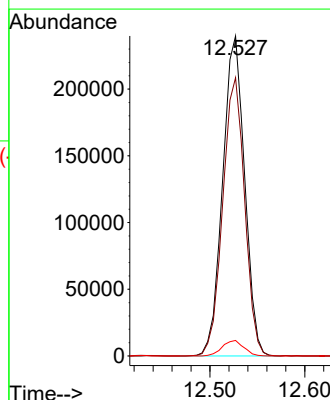
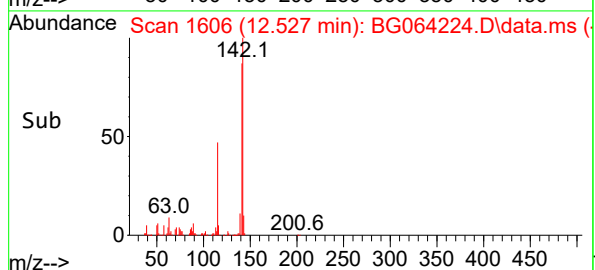
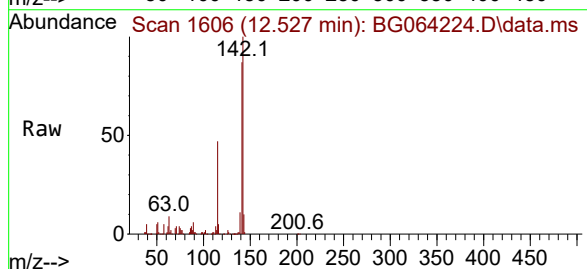
Manual Integrations
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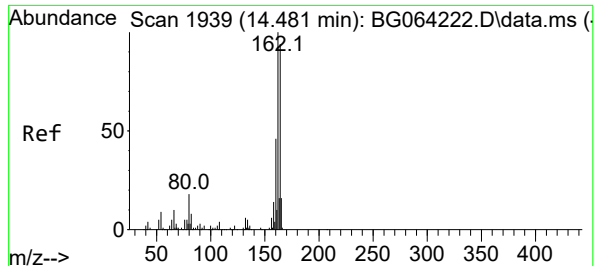
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#38
1-Methylnaphthalene
Concen: 59.349 ng
RT: 12.527 min Scan# 1606
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:142 Resp: 386279
Ion Ratio Lower Upper
142 100
141 87.0 70.3 105.5
116 4.8 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.484 min Scan# 1939

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:164 Resp: 119119

Ion Ratio Lower Upper

164 100

162 106.7 85.4 128.0

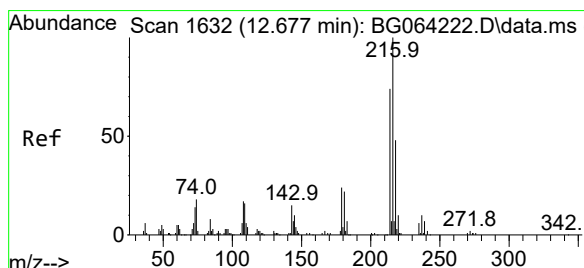
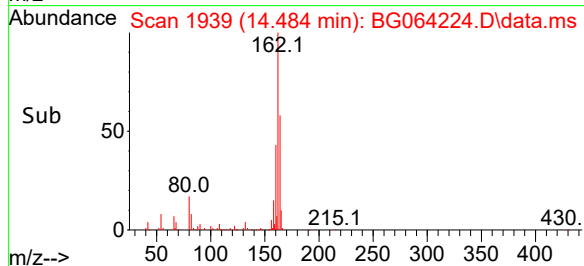
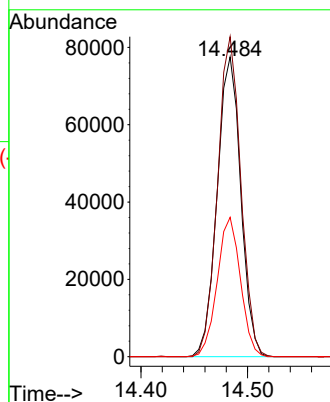
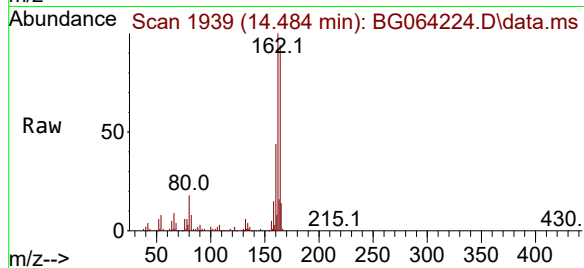
160 46.5 39.2 58.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 61.558 ng

RT: 12.674 min Scan# 1631

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Tgt Ion:216 Resp: 211572

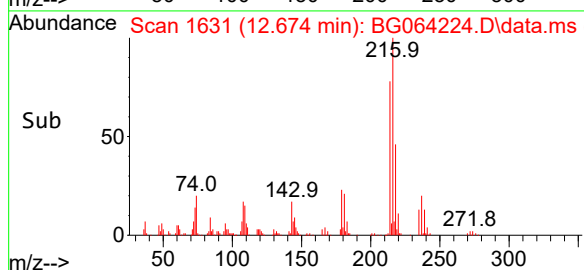
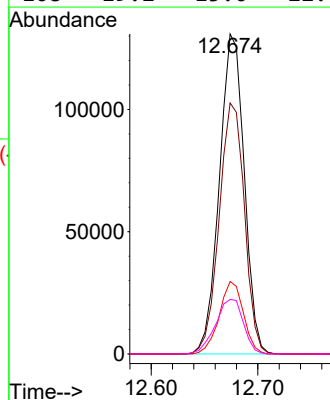
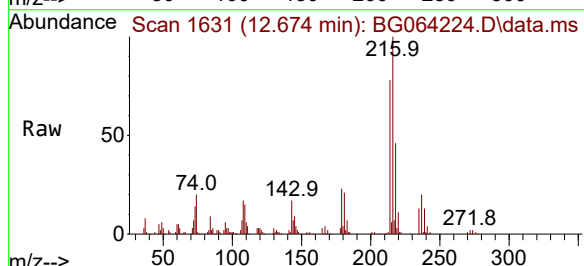
Ion Ratio Lower Upper

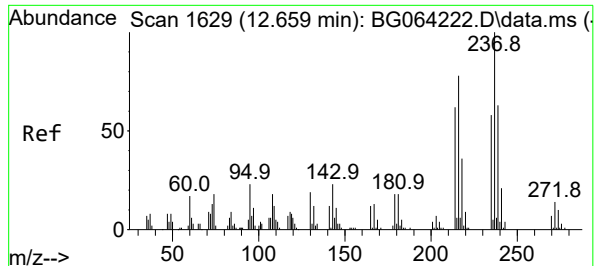
216 100

214 79.7 61.9 92.9

179 22.0 17.9 26.9

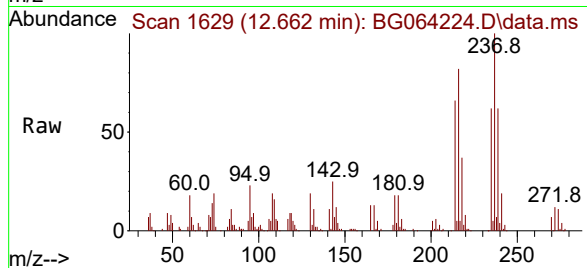
108 19.2 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 67.263 ng
RT: 12.662 min Scan# 1629
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

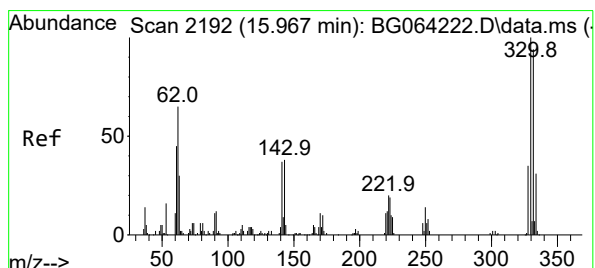
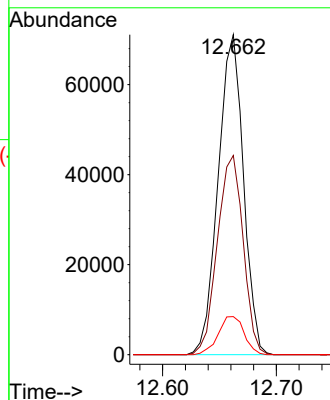
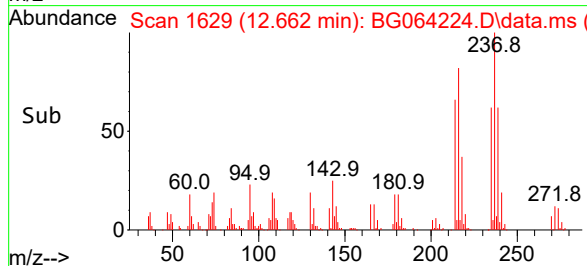
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:237 Resp: 10987
Ion Ratio Lower Upper
237 100
235 62.2 37.9 77.9
272 11.9 0.0 33.8

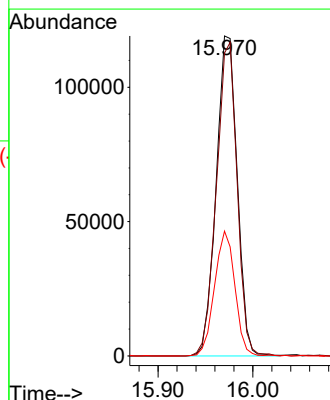
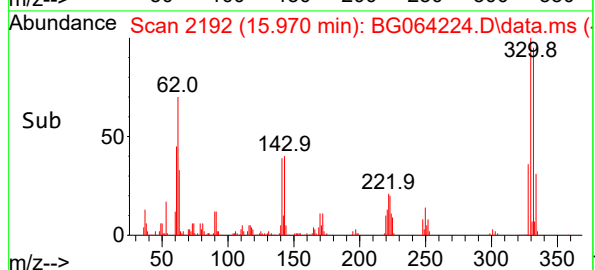
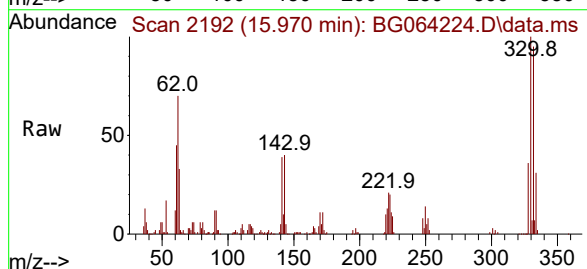
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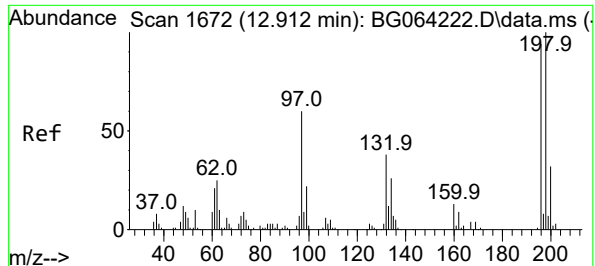
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#42
2,4,6-Tribromophenol
Concen: 116.471 ng
RT: 15.970 min Scan# 2192
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

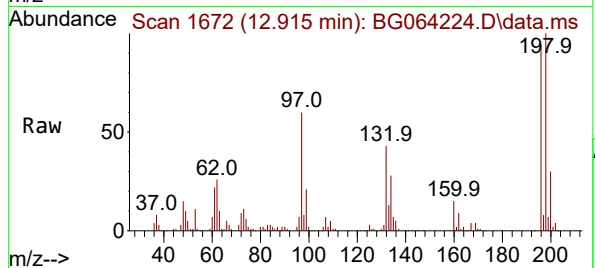
Tgt Ion:330 Resp: 183766
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 37.8 29.8 44.6





#43
2,4,6-Trichlorophenol
Concen: 62.098 ng
RT: 12.915 min Scan# 1672
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

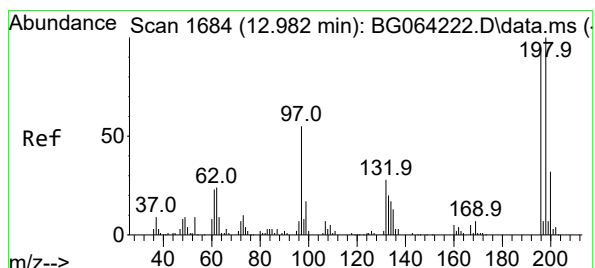
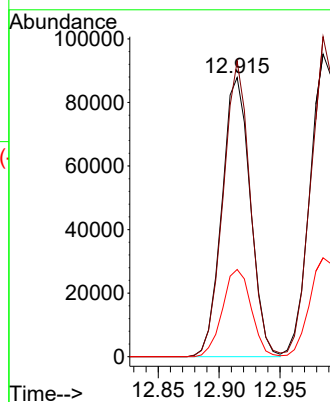
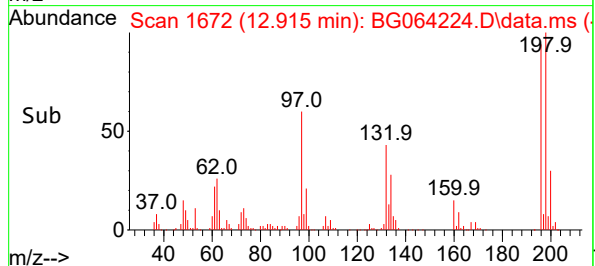
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:196 Resp: 14265
Ion Ratio Lower Upper
196 100
198 105.8 85.4 128.2
200 31.3 27.3 40.9

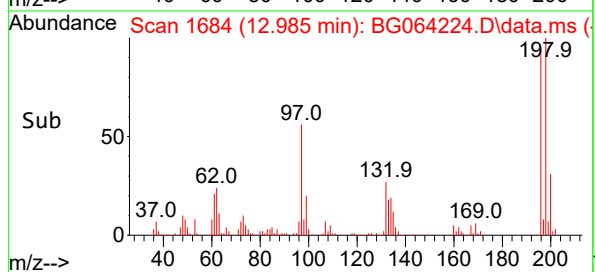
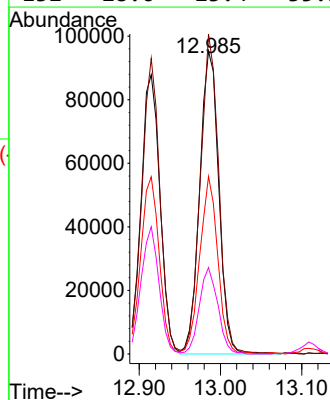
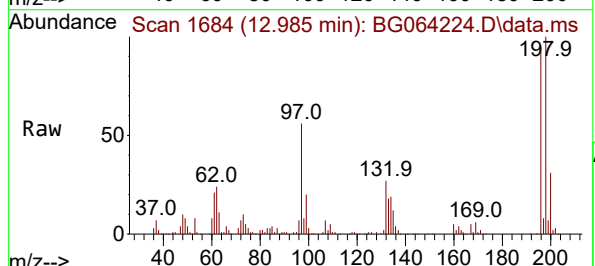
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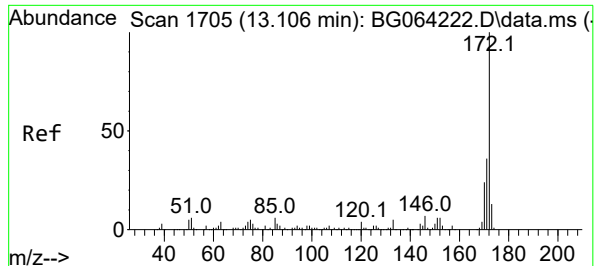
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#44
2,4,5-Trichlorophenol
Concen: 62.618 ng
RT: 12.985 min Scan# 1684
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

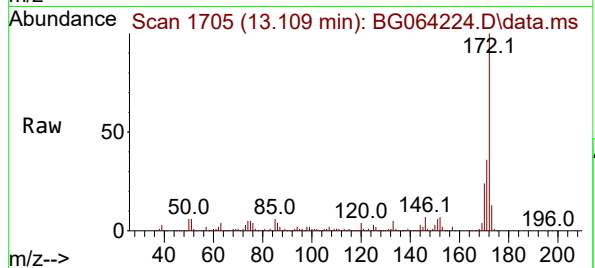
Tgt Ion:196 Resp: 156040
Ion Ratio Lower Upper
196 100
198 105.7 84.5 126.7
97 58.7 46.8 70.2
132 28.6 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 119.418 ng
RT: 13.109 min Scan# 1705
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

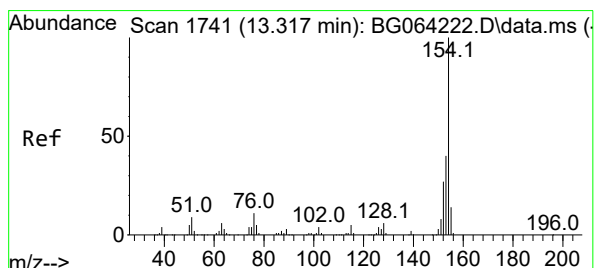
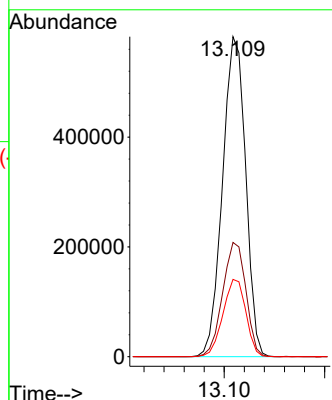
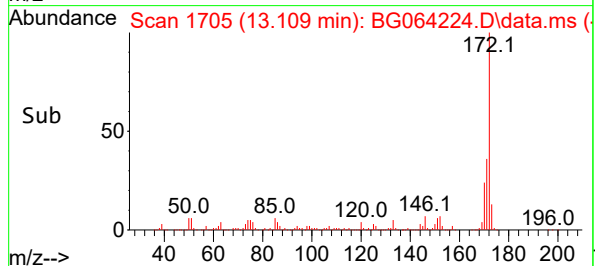
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:172 Resp: 931958
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 24.1 19.0 28.6

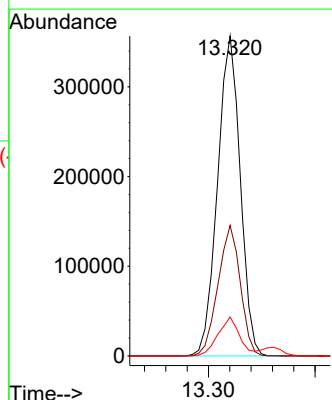
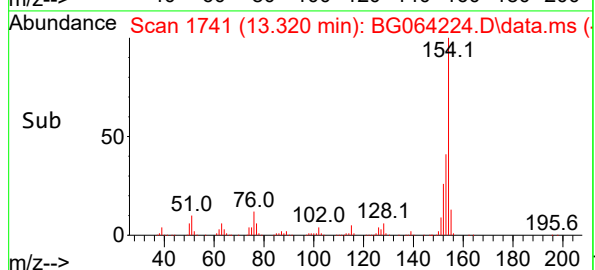
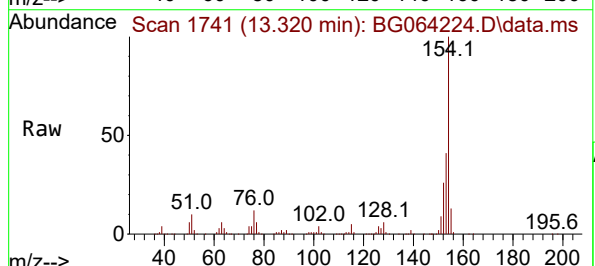
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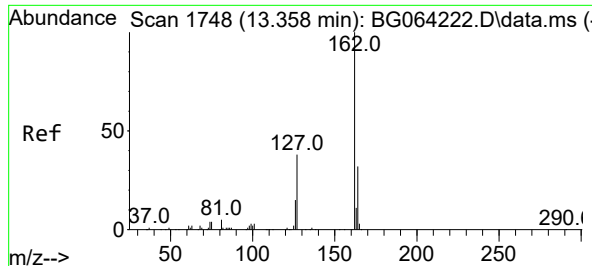
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#46
1,1'-Biphenyl
Concen: 60.603 ng
RT: 13.320 min Scan# 1741
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:154 Resp: 525792
Ion Ratio Lower Upper
154 100
153 40.8 19.9 59.9
76 12.2 0.0 30.9





#47

2-Chloronaphthalene

Concen: 61.178 ng

RT: 13.361 min Scan# 1748

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 399038

Ion Ratio Lower Upper

162 100

127 45.4 33.9 50.9

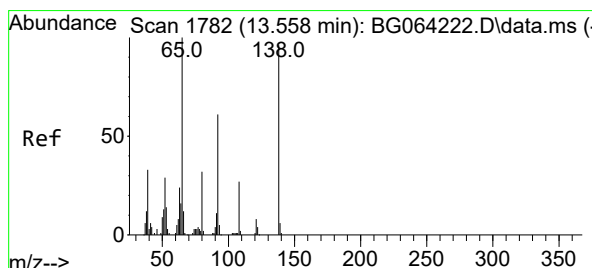
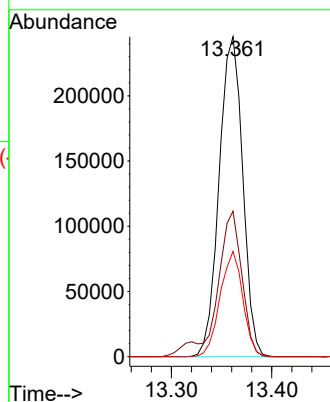
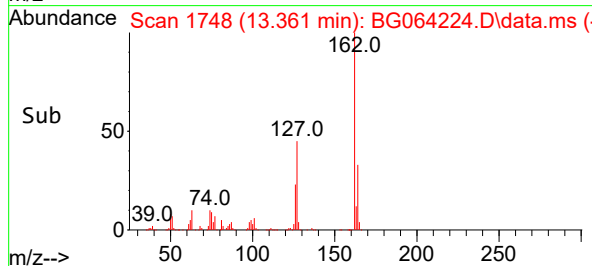
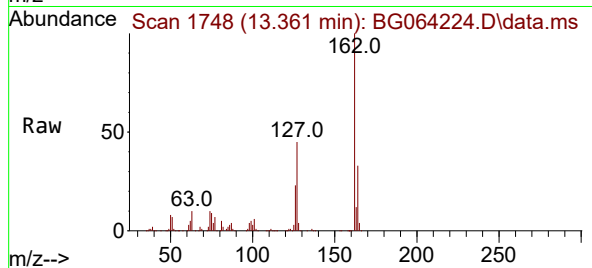
164 32.9 25.4 38.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#48

2-Nitroaniline

Concen: 65.561 ng

RT: 13.561 min Scan# 1782

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

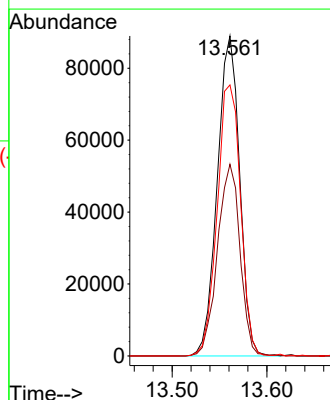
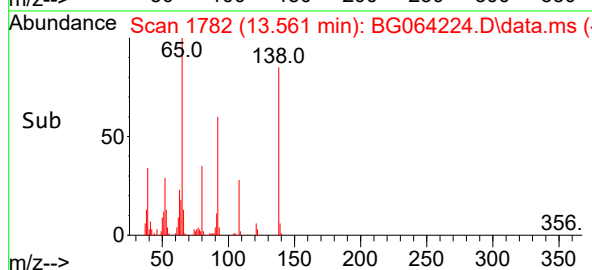
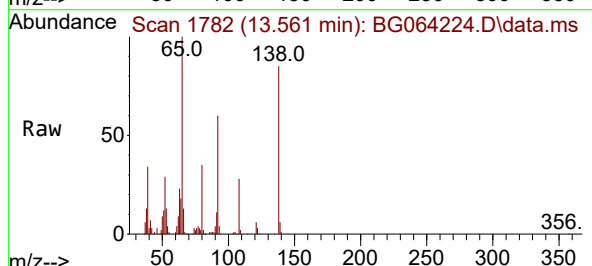
Tgt Ion: 65 Resp: 145751

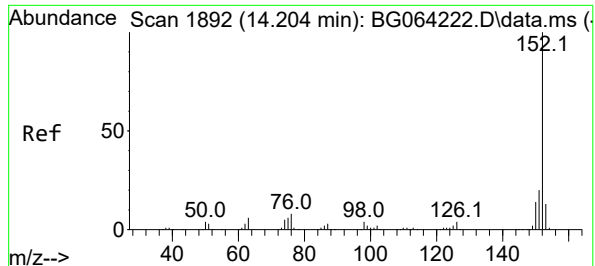
Ion Ratio Lower Upper

65 100

92 59.9 49.2 73.8

138 84.7 76.8 115.2





#49

Acenaphthylene

Concen: 59.674 ng

RT: 14.207 min Scan# 1892

Delta R.T. 0.003 min

Lab File: BG064224.D

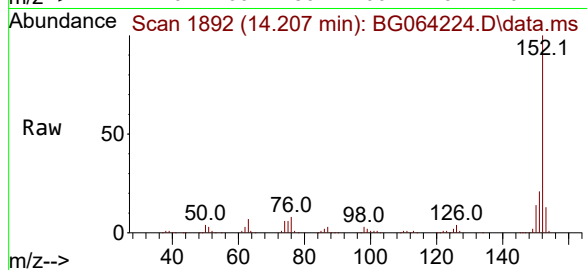
Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

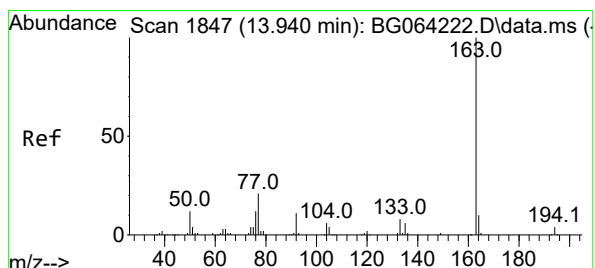
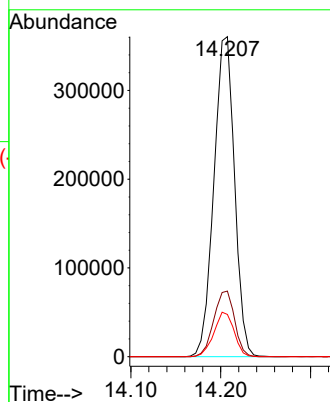
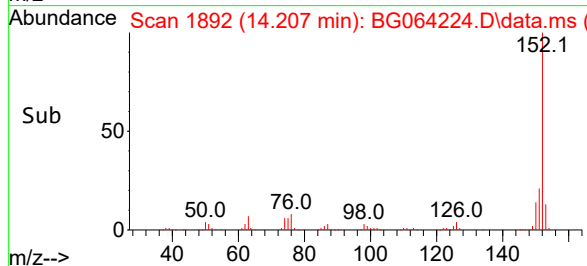


Tgt Ion:	152	Resp:	575370
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.2	24.2
153	13.2	10.1	15.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#50

Dimethylphthalate

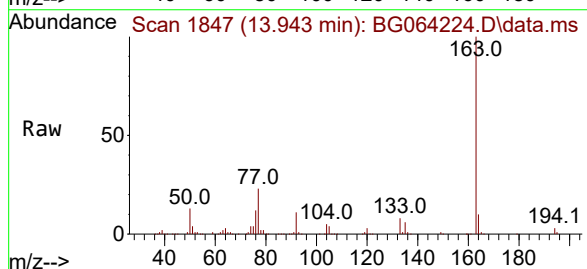
Concen: 57.300 ng

RT: 13.943 min Scan# 1847

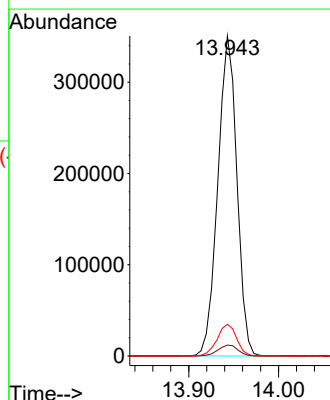
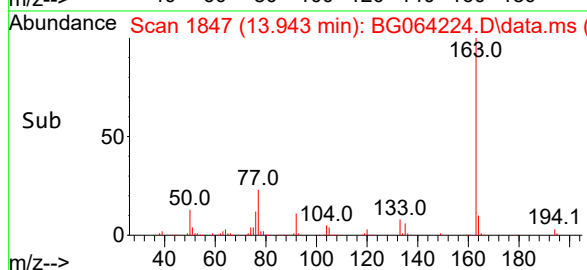
Delta R.T. -0.003 min

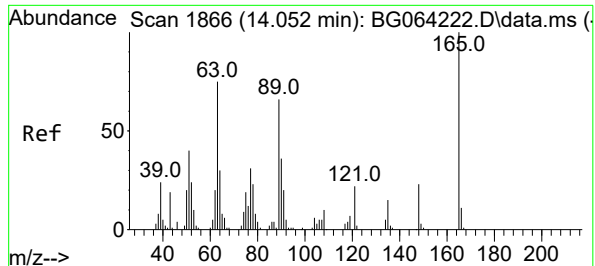
Lab File: BG064224.D

Acq: 28 Aug 2025 15:35



Tgt Ion:	163	Resp:	516639
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.0	4.4
164	9.9	7.9	11.9





#51

2,6-Dinitrotoluene

Concen: 64.535 ng

RT: 14.061 min Scan# 1866

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:165 Resp: 11264

Ion Ratio Lower Upper

165 100

63 67.9 60.3 90.5

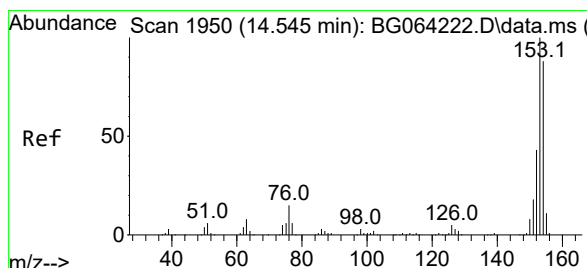
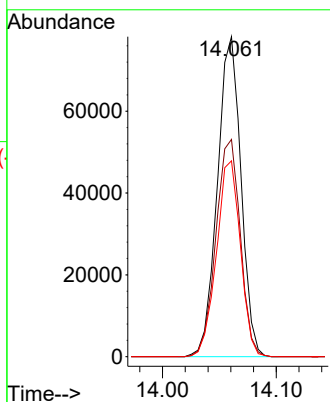
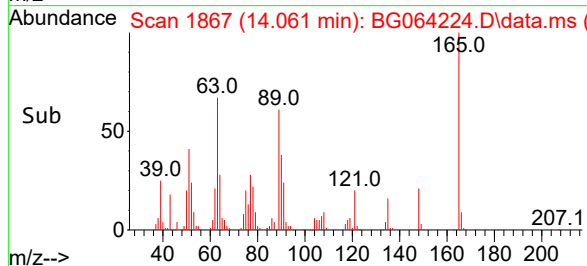
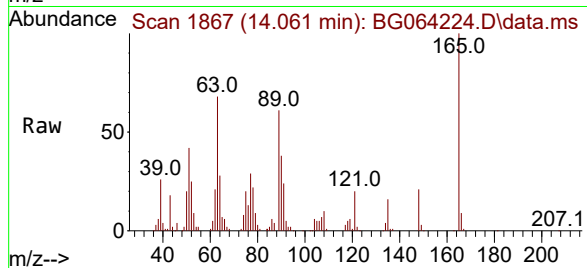
89 61.2 52.9 79.3

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#52

Acenaphthene

Concen: 59.453 ng

RT: 14.548 min Scan# 1950

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

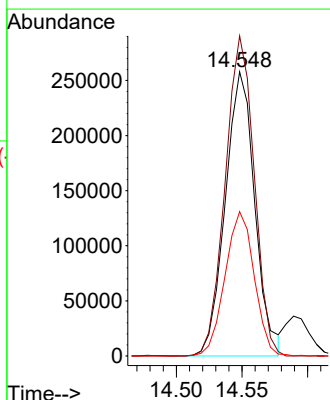
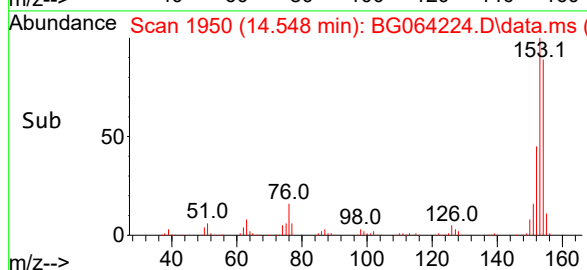
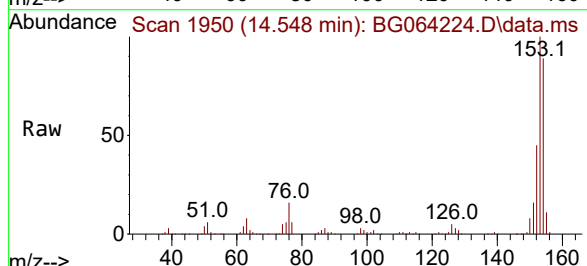
Tgt Ion:154 Resp: 404535

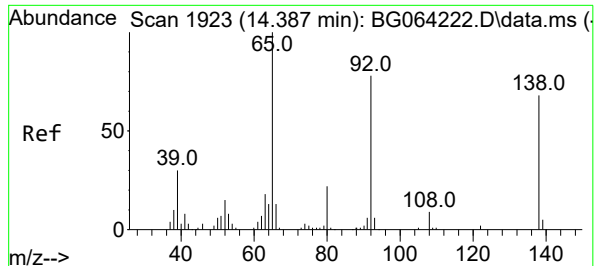
Ion Ratio Lower Upper

154 100

153 112.6 91.1 136.7

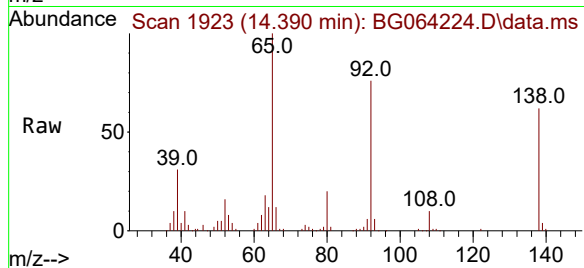
152 50.8 39.6 59.4





#53
3-Nitroaniline
Concen: 62.898 ng
RT: 14.390 min Scan# 1923
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

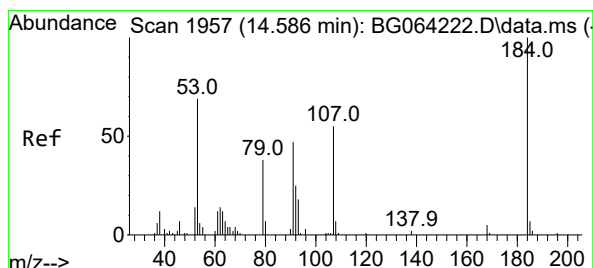
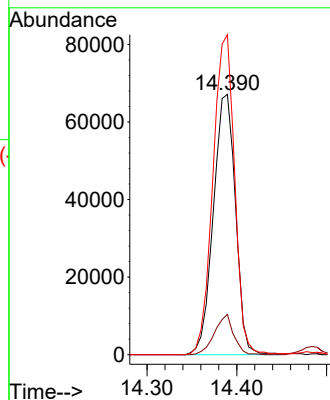
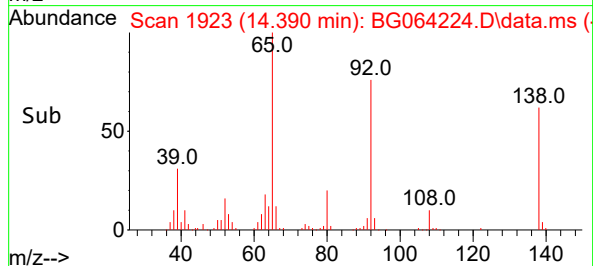
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:138 Resp: 115002
Ion Ratio Lower Upper
138 100
108 15.5 11.0 16.6
92 122.9 91.4 137.0

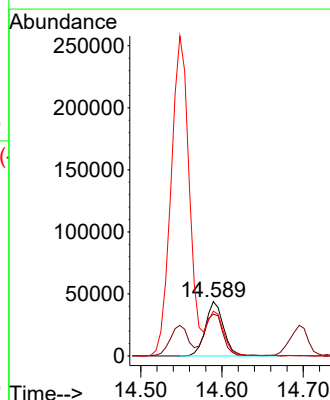
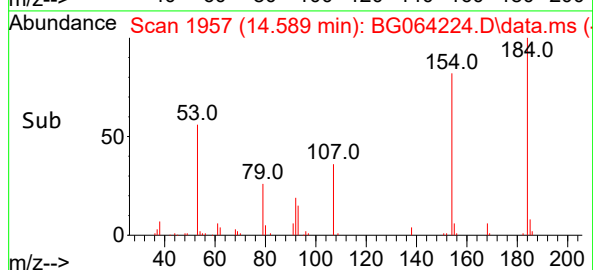
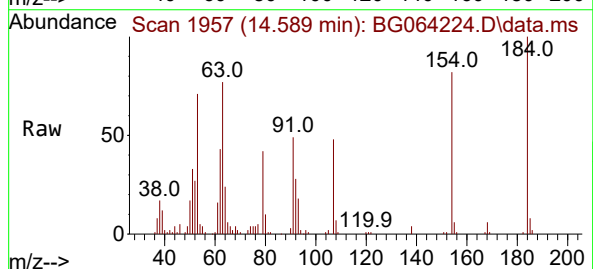
Manual Integrations
APPROVED

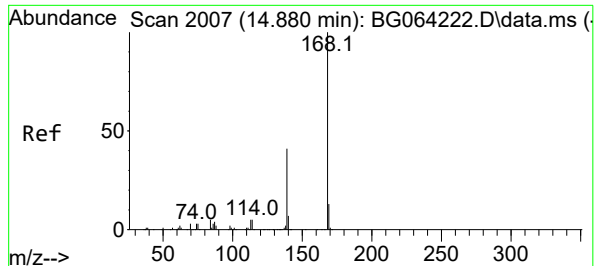
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#54
2,4-Dinitrophenol
Concen: 60.959 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

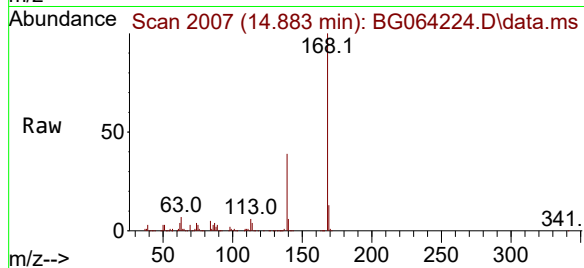
Tgt Ion:184 Resp: 67869
Ion Ratio Lower Upper
184 100
63 76.9 60.1 90.1
154 82.3 59.8 89.8





#55
Dibenzenofuran
Concen: 58.552 ng
RT: 14.883 min Scan# 2007
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

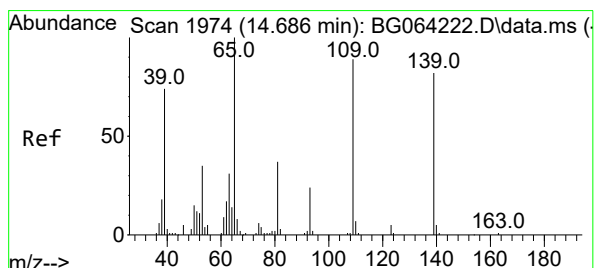
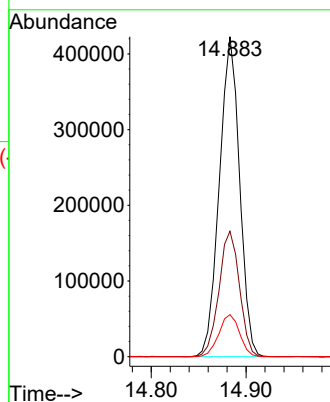
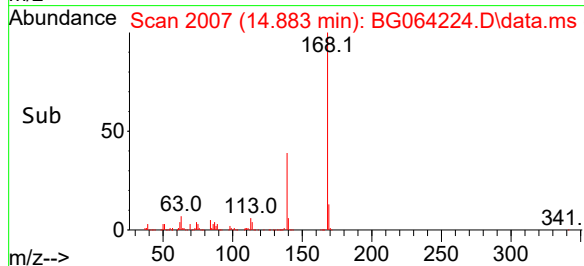
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:168 Resp: 62666
Ion Ratio Lower Upper
168 100
139 39.2 33.2 49.8
169 13.1 10.4 15.6

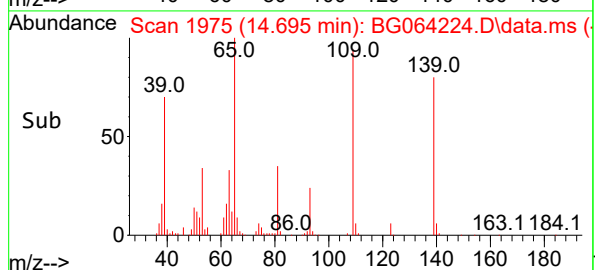
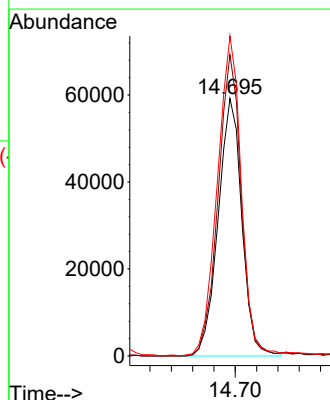
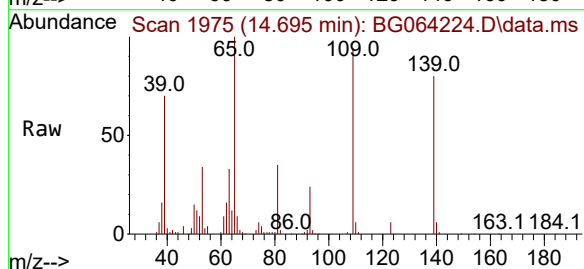
Manual Integrations
APPROVED

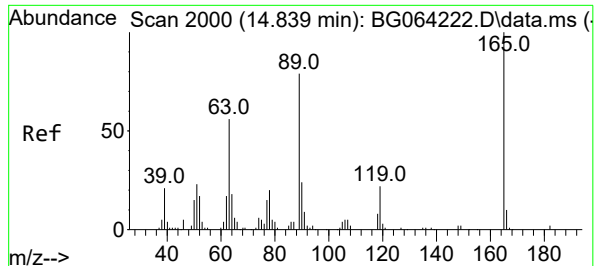
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#56
4-Nitrophenol
Concen: 60.719 ng
RT: 14.695 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:139 Resp: 91069
Ion Ratio Lower Upper
139 100
109 117.0 89.1 129.1
65 124.3 102.9 142.9





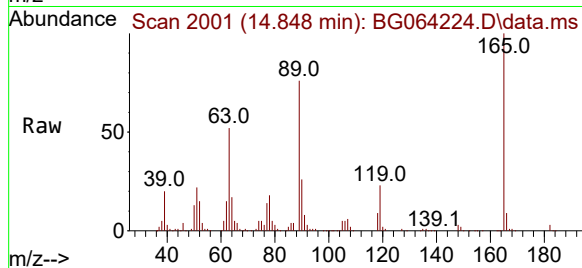
#57
2,4-Dinitrotoluene
Concen: 61.902 ng
RT: 14.848 min Scan# 2000
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

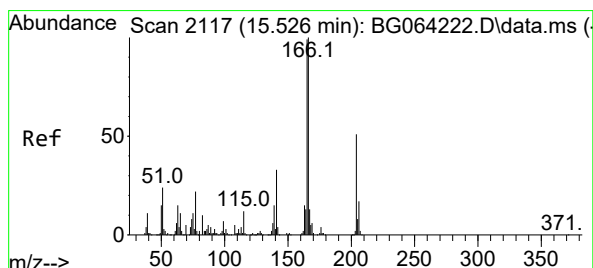
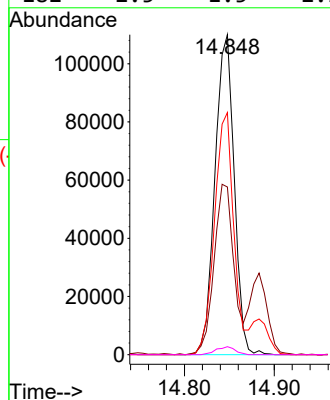
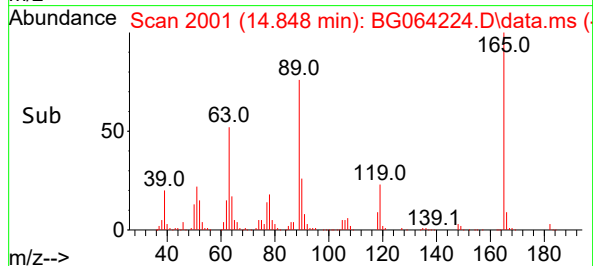


Tgt Ion:165 Resp: 163372
Ion Ratio Lower Upper
165 100
63 52.4 44.6 67.0
89 75.6 63.0 94.4
182 2.5 1.5 2.3#

Manual Integrations

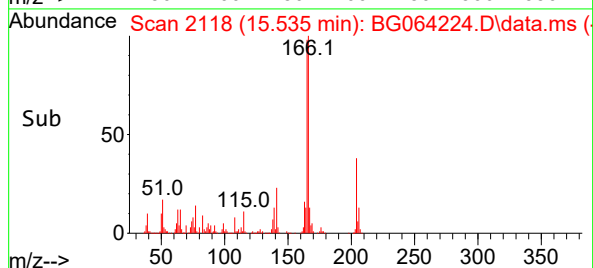
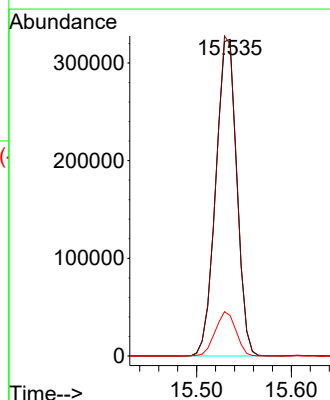
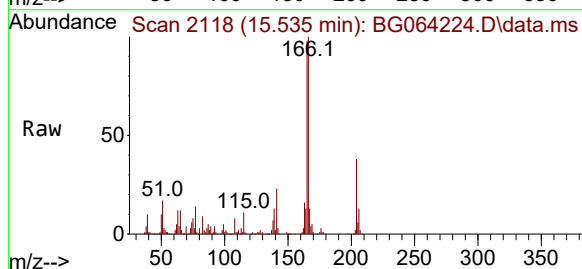
APPROVED

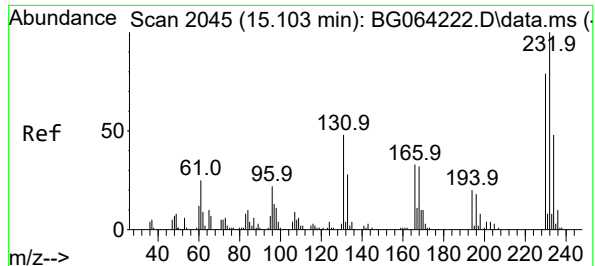
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#58
Fluorene
Concen: 56.968 ng
RT: 15.535 min Scan# 2118
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

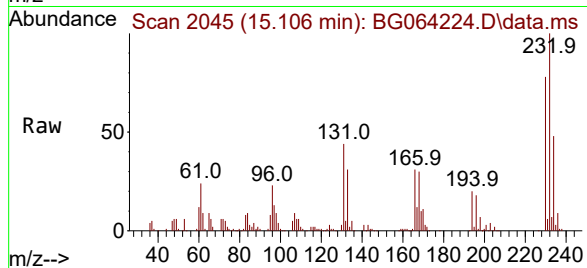
Tgt Ion:166 Resp: 499733
Ion Ratio Lower Upper
166 100
165 98.4 79.1 118.7
167 12.8 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 60.205 ng
RT: 15.106 min Scan# 2045
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

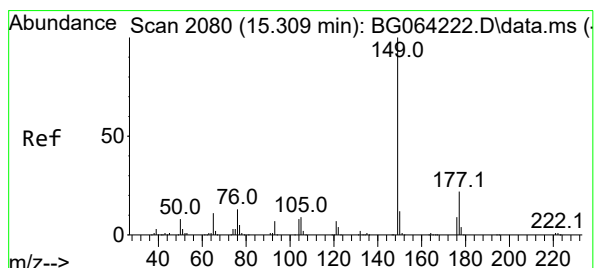
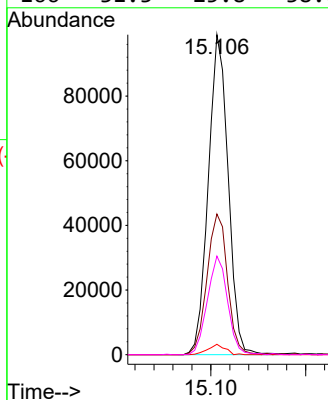
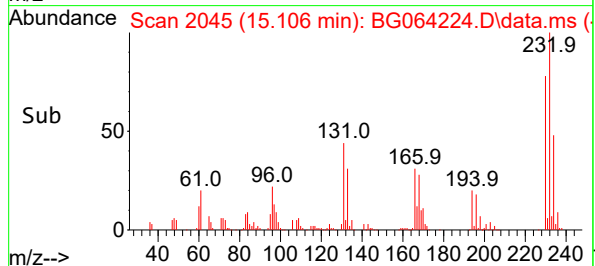
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



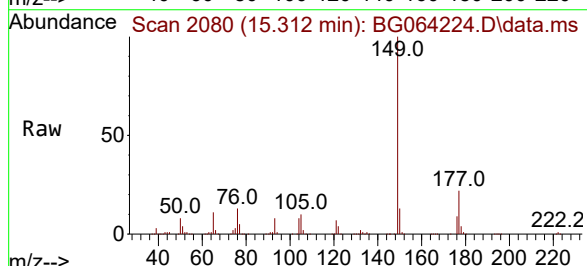
Tgt Ion:232 Resp: 14429
Ion Ratio Lower Upper
232 100
131 45.2 37.1 55.7
130 2.8 2.6 3.8
166 31.3 25.8 38.6

Manual Integrations
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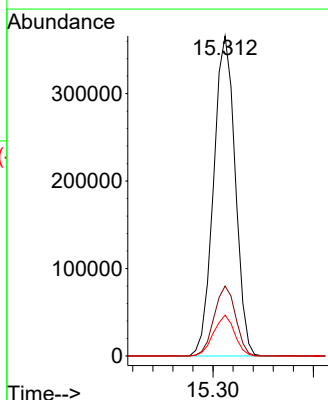
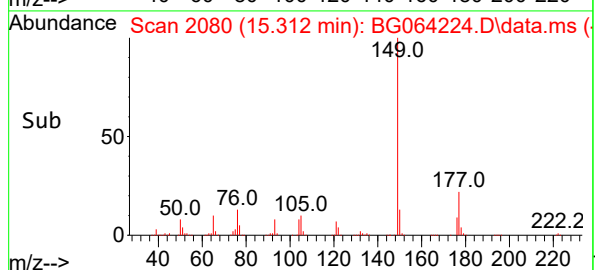
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

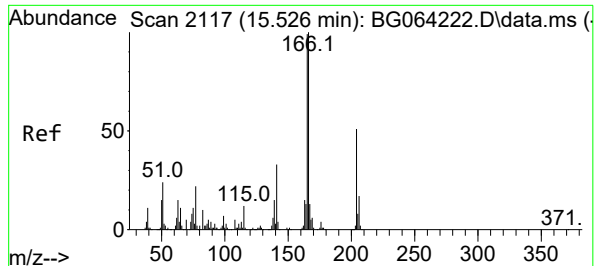


#60
Diethylphthalate
Concen: 56.652 ng
RT: 15.312 min Scan# 2080
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35



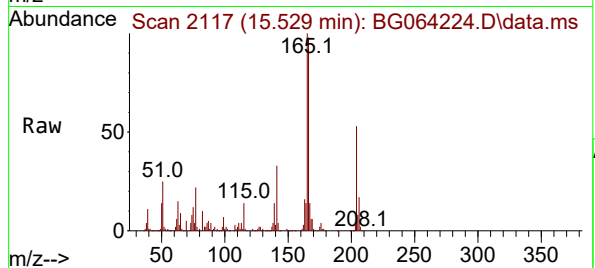
Tgt Ion:149 Resp: 546656
Ion Ratio Lower Upper
149 100
177 21.8 17.5 26.3
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 58.501 ng
RT: 15.529 min Scan# 2117
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

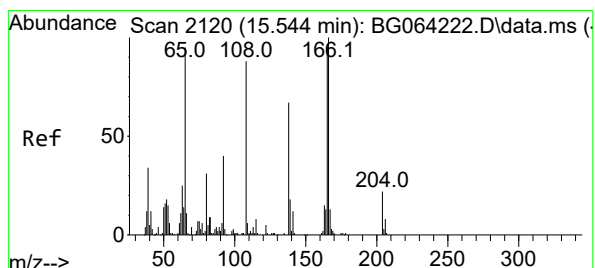
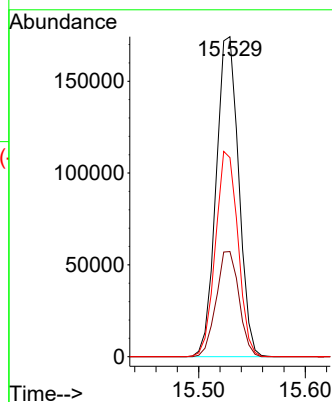
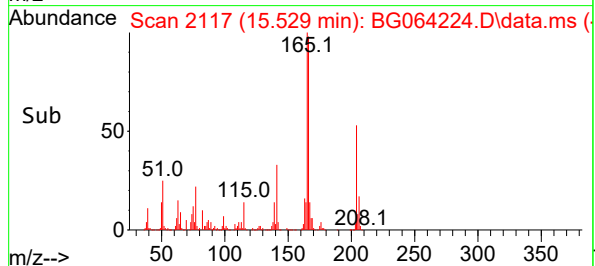
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:204 Resp: 25586
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.4
141 62.2 51.9 77.9

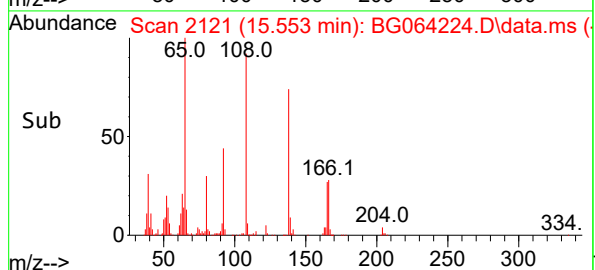
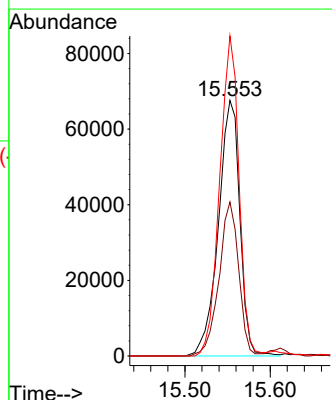
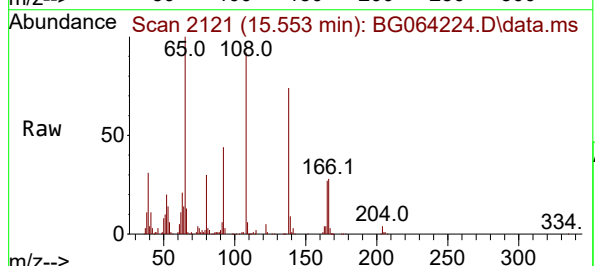
Manual Integrations
APPROVED

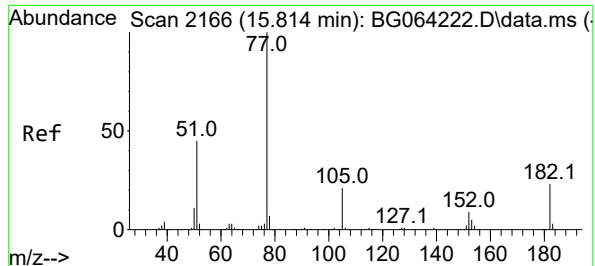
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#62
4-Nitroaniline
Concen: 63.360 ng
RT: 15.553 min Scan# 2121
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:138 Resp: 118212
Ion Ratio Lower Upper
138 100
92 60.2 39.1 79.1
108 125.2 111.3 151.3





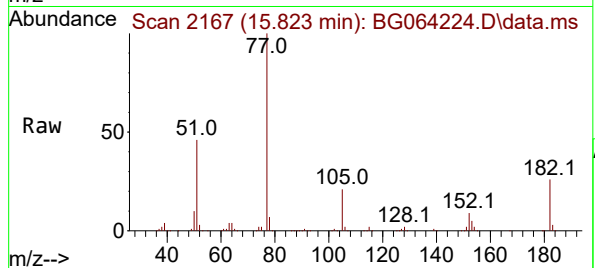
#63
Azobenzene
Concen: 57.900 ng
RT: 15.823 min Scan# 2167
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

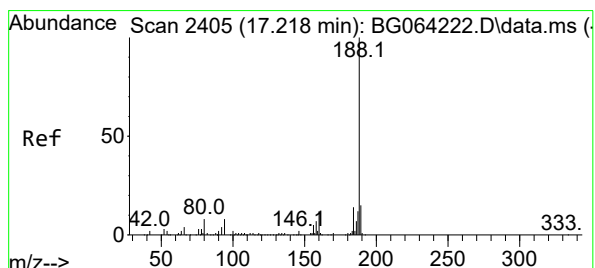
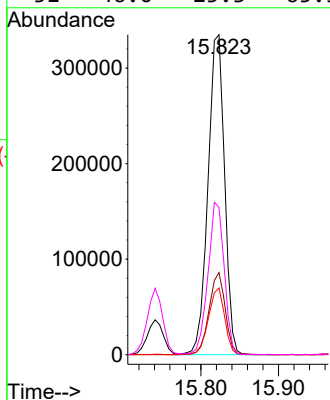
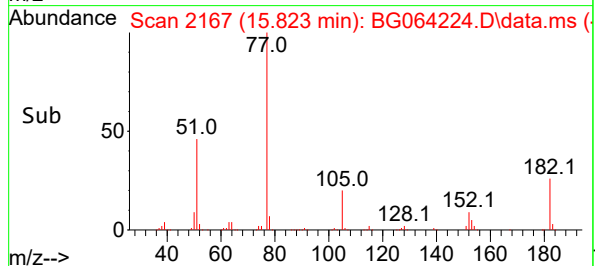


Tgt Ion: 77 Resp: 497962
Ion Ratio Lower Upper
77 100
182 25.6 3.3 43.3
105 20.8 0.6 40.6
51 46.0 25.3 65.3

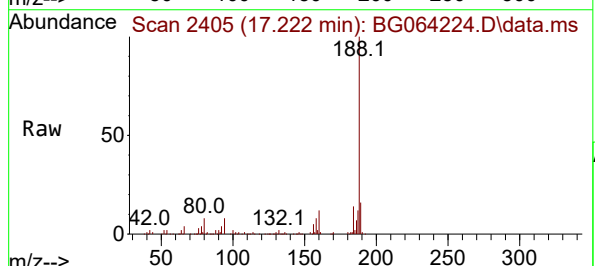
Manual Integrations

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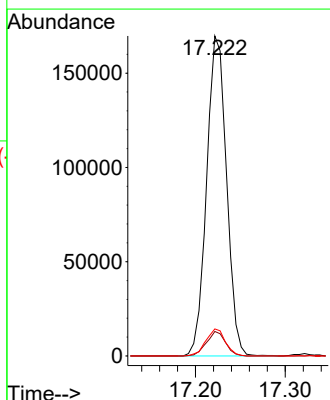
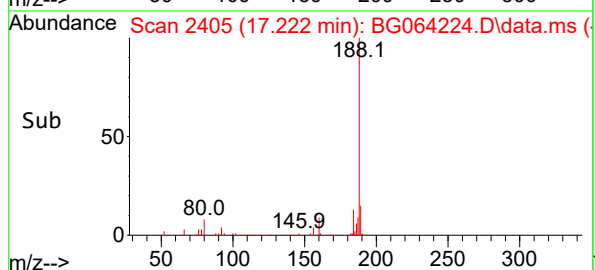
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

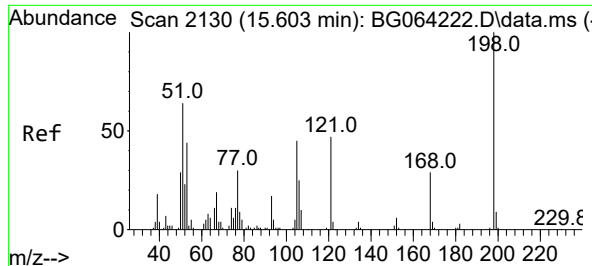


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35



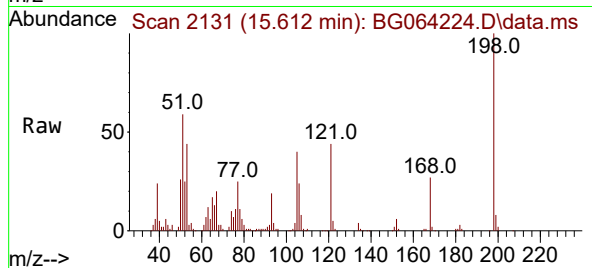
Tgt Ion:188 Resp: 261407
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.4
80 8.5 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 67.426 ng
RT: 15.612 min Scan# 2131
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

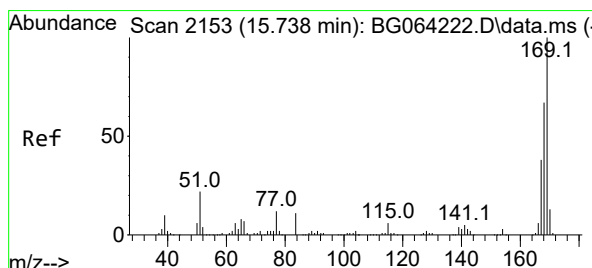
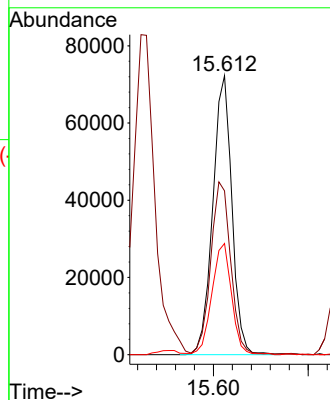
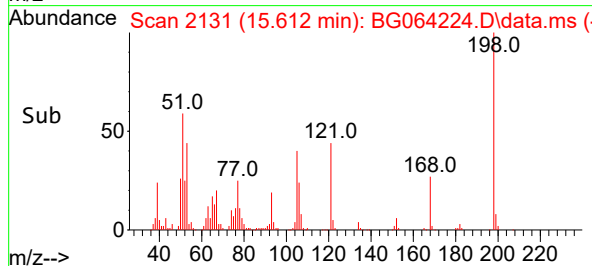
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:198 Resp: 101194
Ion Ratio Lower Upper
198 100
51 58.7 46.2 86.2
105 39.8 25.0 65.0

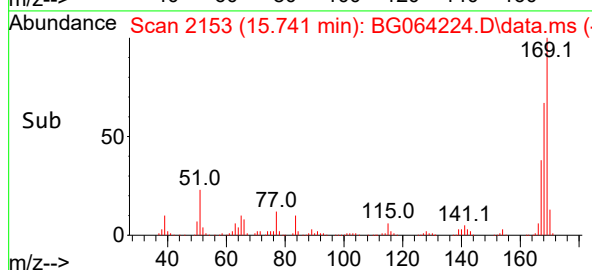
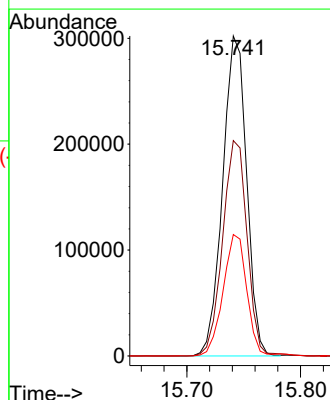
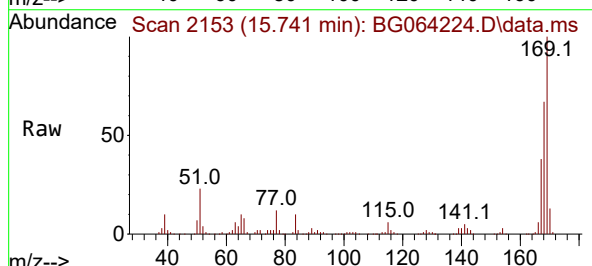
Manual Integrations
APPROVED

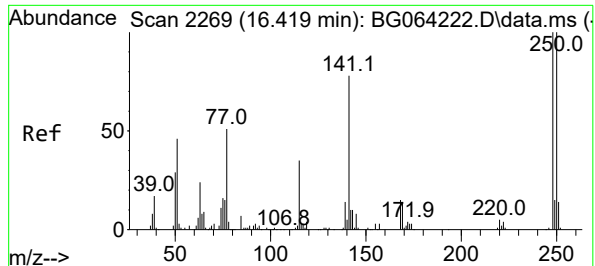
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#66
n-Nitrosodiphenylamine
Concen: 61.453 ng
RT: 15.741 min Scan# 2153
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

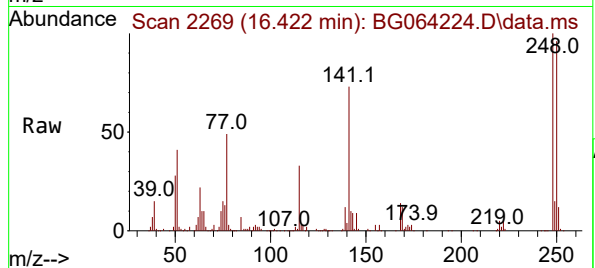
Tgt Ion:169 Resp: 441909
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.8
167 37.9 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 61.720 ng
RT: 16.422 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

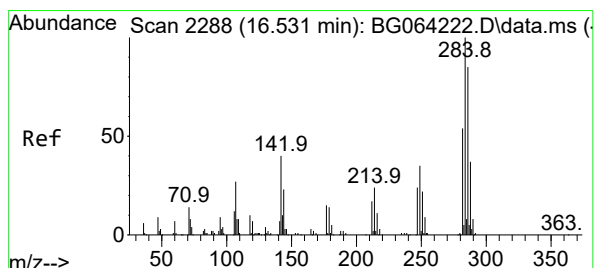
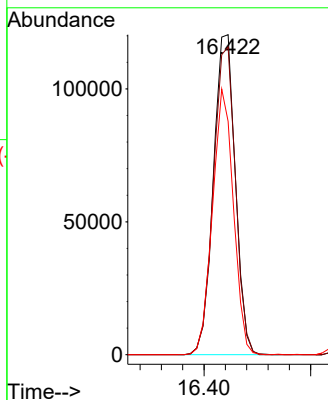
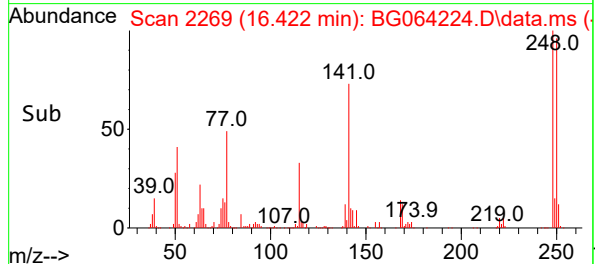
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:248 Resp: 171364
Ion Ratio Lower Upper
248 100
250 96.1 80.2 120.4
141 72.9 62.4 93.6

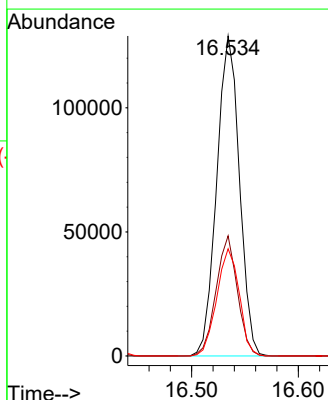
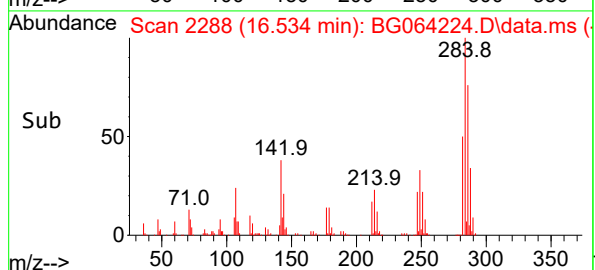
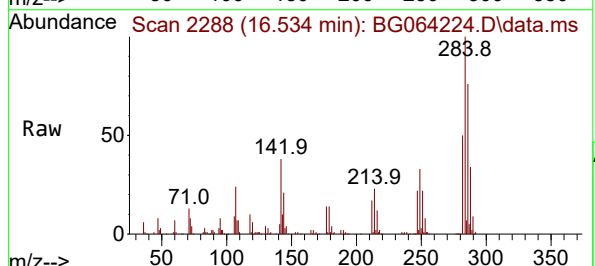
Manual Integrations
APPROVED

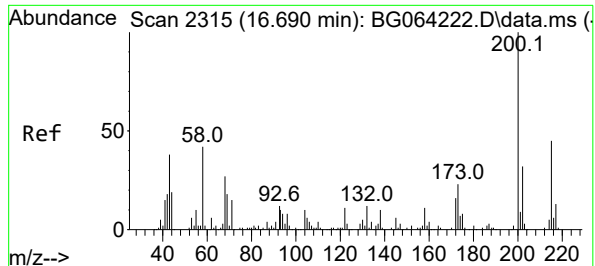
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#68
Hexachlorobenzene
Concen: 61.691 ng
RT: 16.534 min Scan# 2288
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

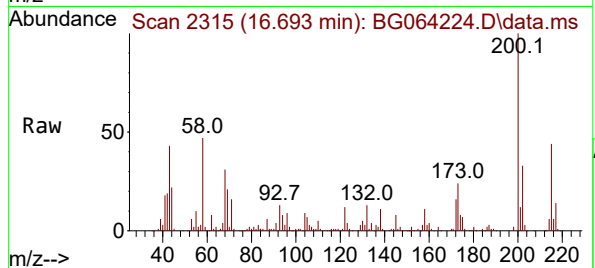
Tgt Ion:284 Resp: 190207
Ion Ratio Lower Upper
284 100
142 37.6 32.1 48.1
249 33.5 28.3 42.5





#69
Atrazine
Concen: 58.617 ng
RT: 16.693 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

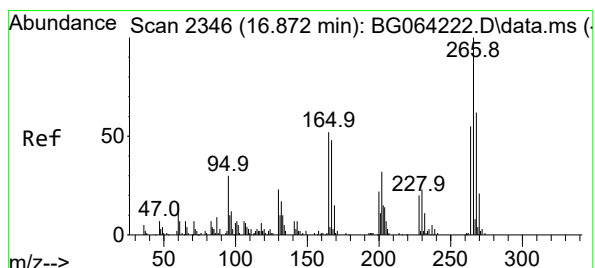
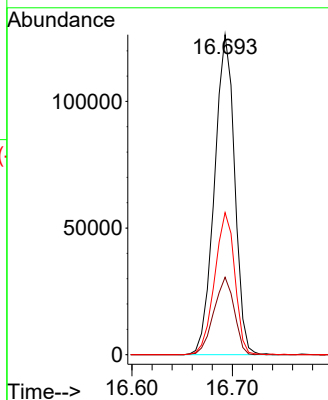
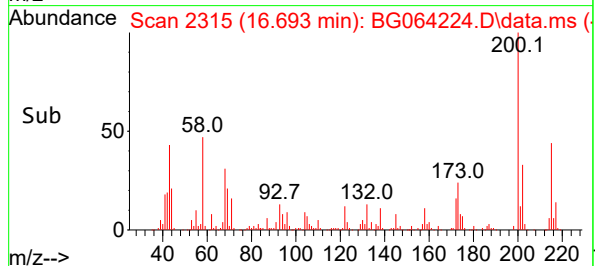
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



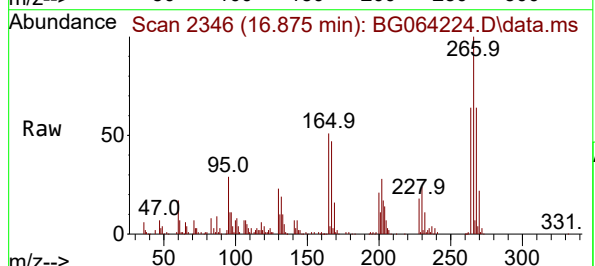
Tgt Ion:200 Resp: 17600
Ion Ratio Lower Upper
200 100
173 24.2 3.5 43.5
215 44.4 24.8 64.8

Manual Integrations
APPROVED

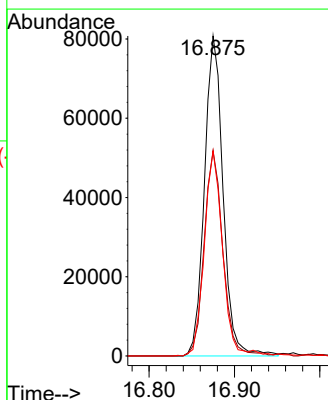
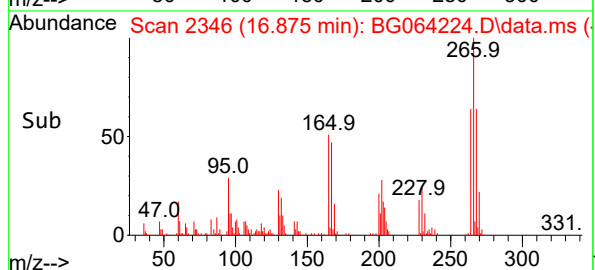
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

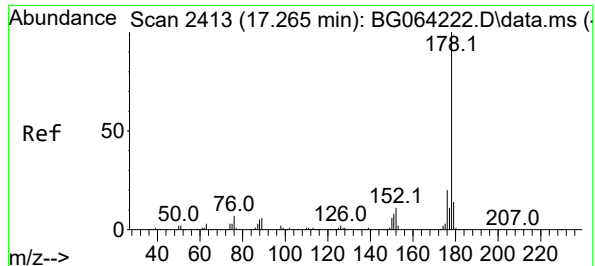


#70
Pentachlorophenol
Concen: 65.608 ng
RT: 16.875 min Scan# 2346
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35



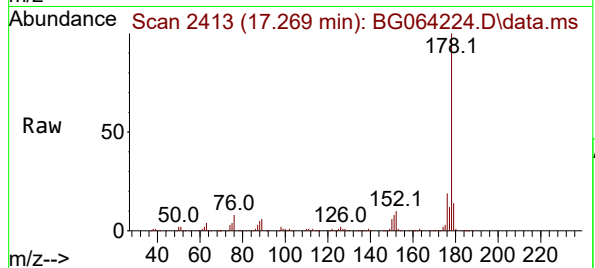
Tgt Ion:266 Resp: 122654
Ion Ratio Lower Upper
266 100
268 64.1 49.4 74.0
264 64.0 44.3 66.5





#71
Phenanthrene
Concen: 59.216 ng
RT: 17.269 min Scan# 2413
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

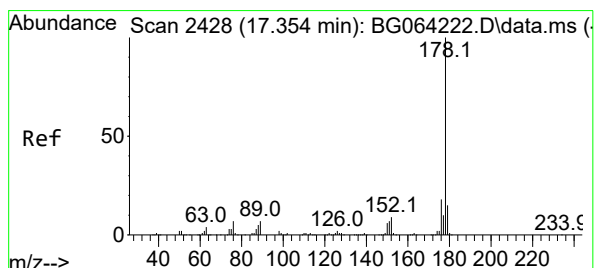
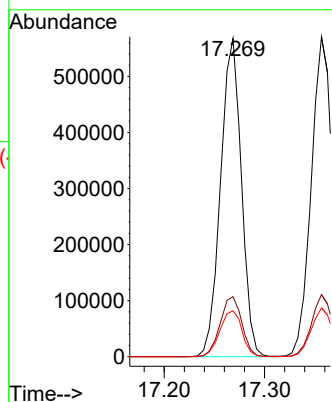
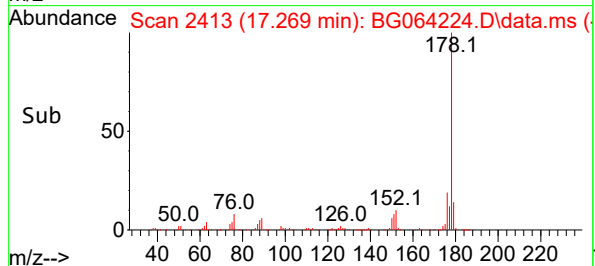
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:178 Resp: 816430
Ion Ratio Lower Upper
178 100
176 18.9 15.9 23.9
179 14.5 11.4 17.2

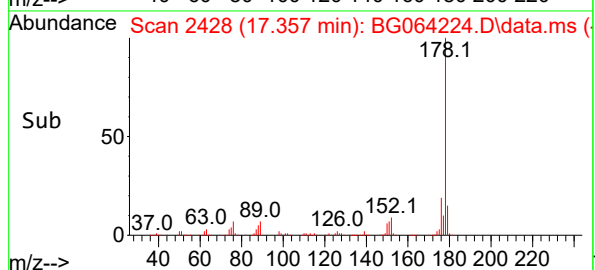
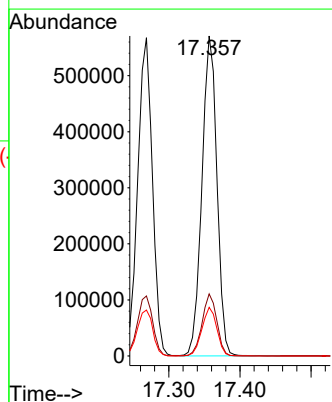
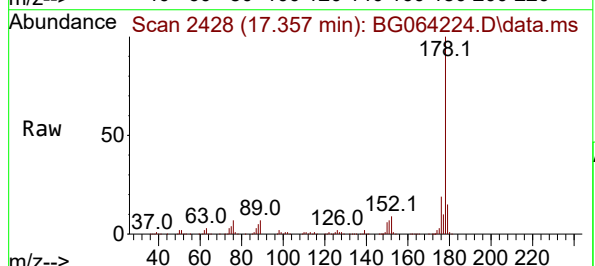
Manual Integrations
APPROVED

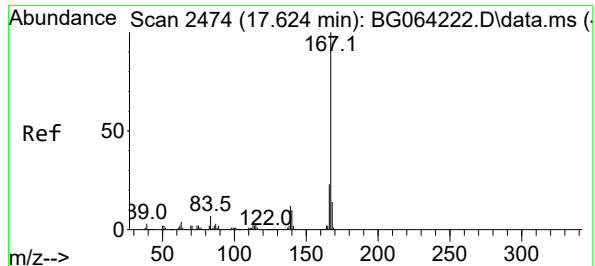
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#72
Anthracene
Concen: 59.810 ng
RT: 17.357 min Scan# 2428
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

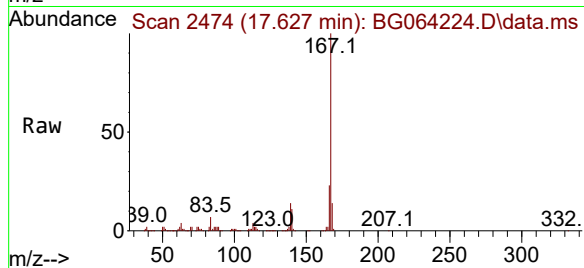
Tgt Ion:178 Resp: 838831
Ion Ratio Lower Upper
178 100
176 19.4 14.7 22.1
179 15.2 12.1 18.1





#73
Carbazole
Concen: 59.340 ng
RT: 17.627 min Scan# 2474
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

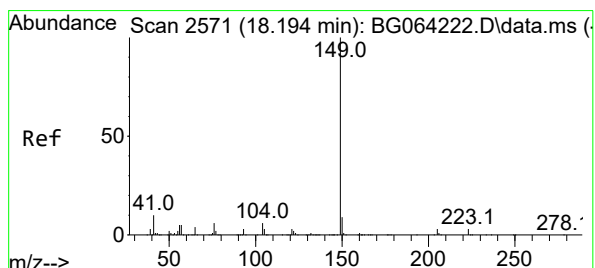
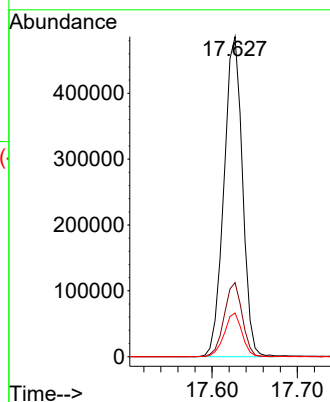
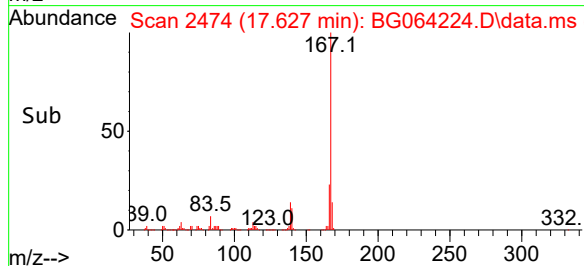
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



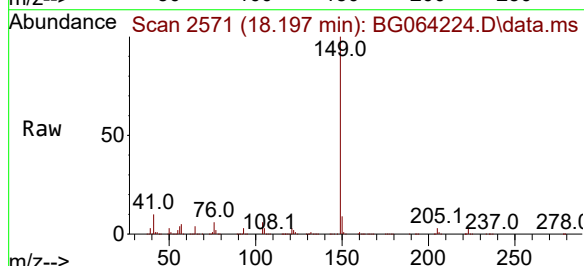
Tgt Ion:167 Resp: 733140
Ion Ratio Lower Upper
167 100
166 23.2 18.2 27.2
139 13.7 9.8 14.6

Manual Integrations
APPROVED

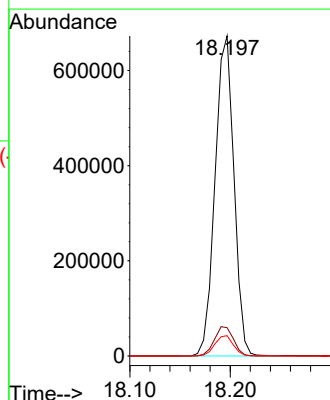
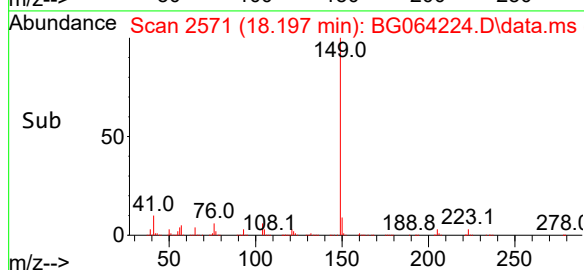
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

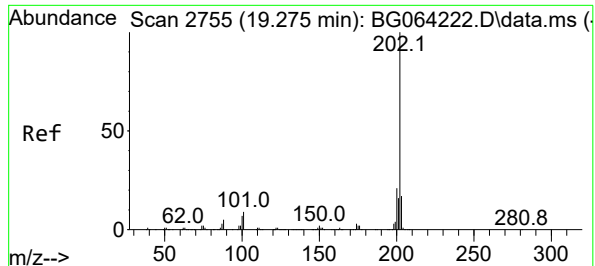


#74
Di-n-butylphthalate
Concen: 59.097 ng
RT: 18.197 min Scan# 2571
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35



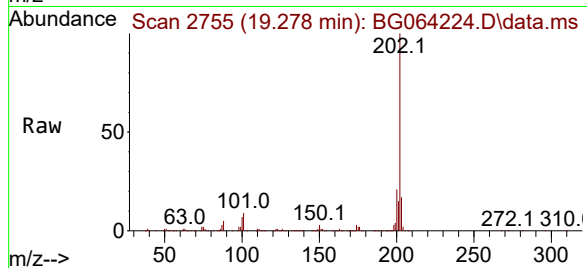
Tgt Ion:149 Resp: 877217
Ion Ratio Lower Upper
149 100
150 8.8 7.5 11.3
104 6.4 4.6 7.0





#75
Fluoranthene
Concen: 58.419 ng
RT: 19.278 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

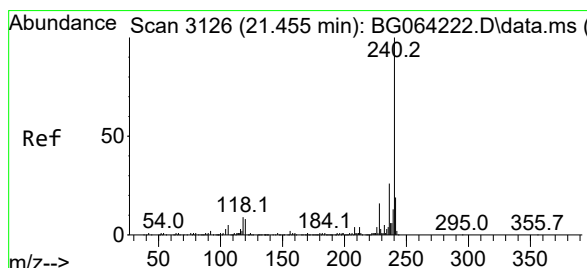
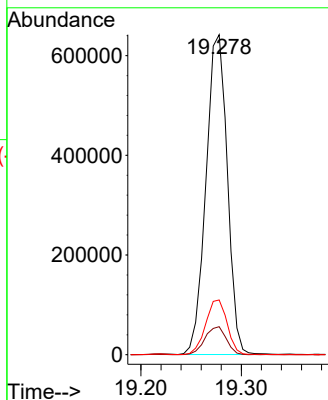
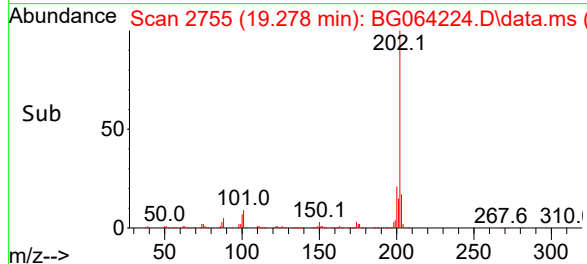
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:202 Resp: 94705
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.7
203 17.1 0.0 36.9

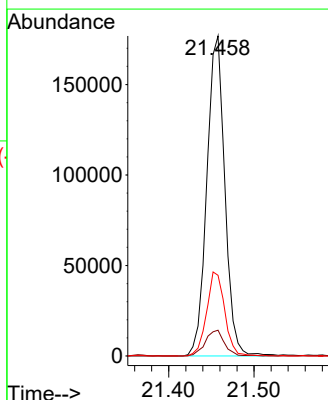
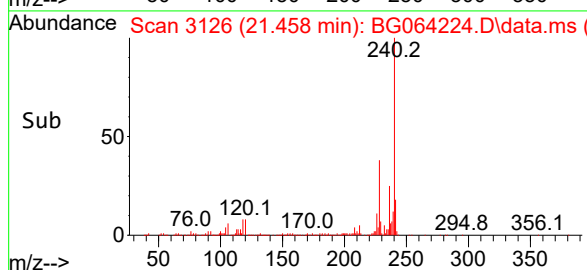
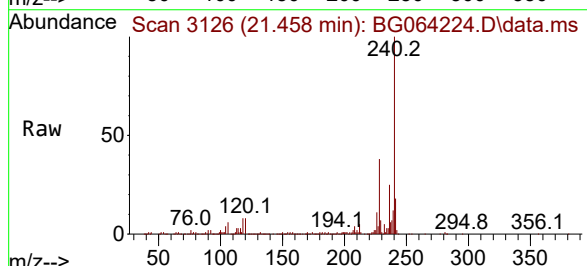
Manual Integrations
APPROVED

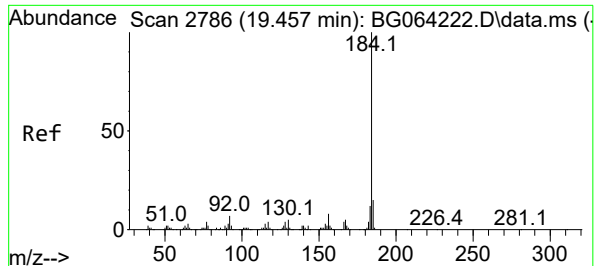
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.458 min Scan# 3126
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

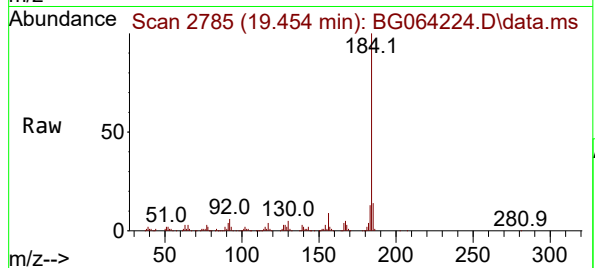
Tgt Ion:240 Resp: 260140
Ion Ratio Lower Upper
240 100
120 8.1 6.2 9.4
236 25.2 20.5 30.7





#77
Benzidine
Concen: 50.842 ng
RT: 19.454 min Scan# 2785
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

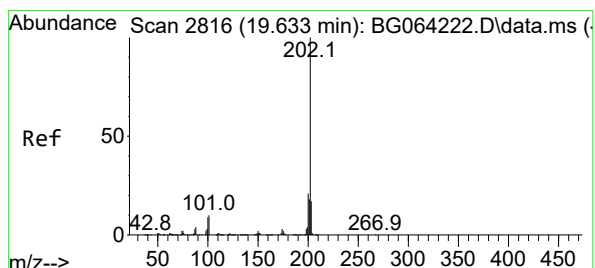
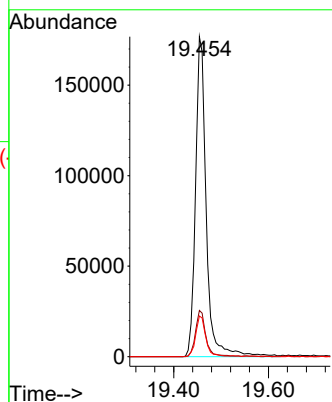
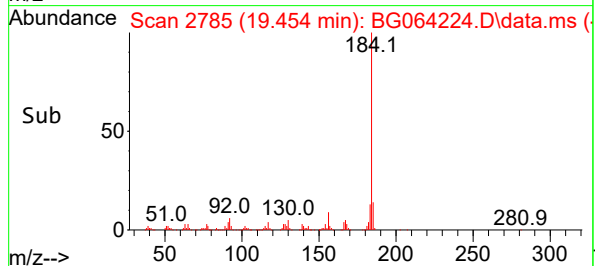
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:184 Resp: 278230
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 12.7 9.7 14.5

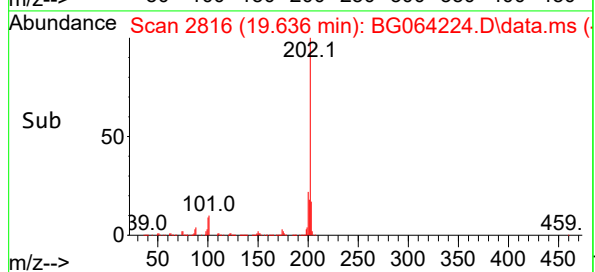
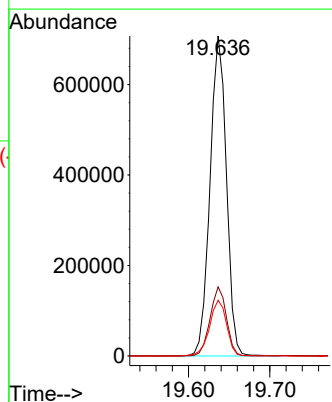
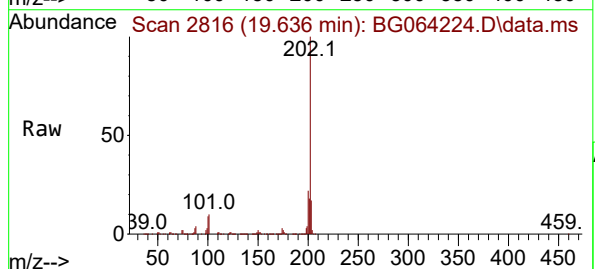
Manual Integrations
APPROVED

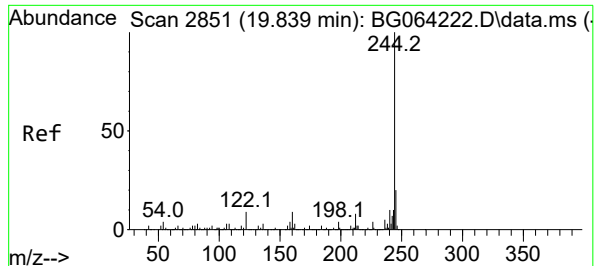
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#78
Pyrene
Concen: 60.435 ng
RT: 19.636 min Scan# 2816
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:202 Resp: 990486
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 17.4 13.8 20.8





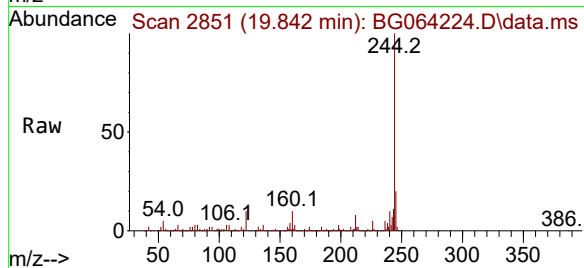
#79
Terphenyl-d14
Concen: 117.481 ng
RT: 19.842 min Scan# 2851
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

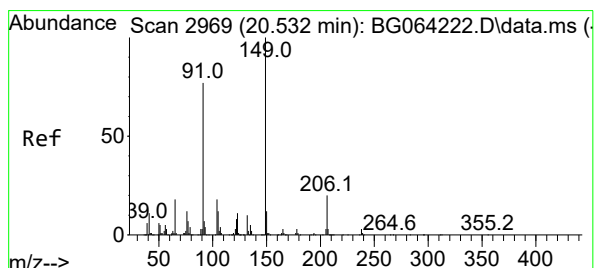
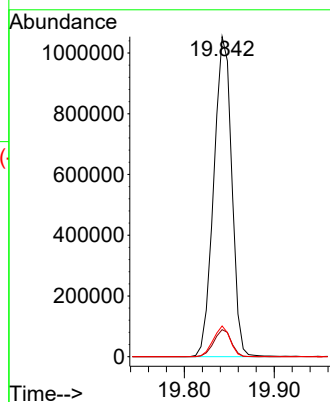
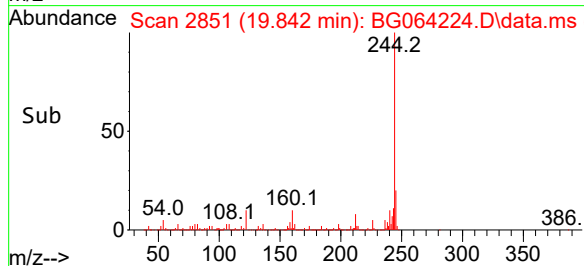


Tgt Ion:244 Resp: 1464829
Ion Ratio Lower Upper
244 100
212 8.5 6.6 10.0
122 9.6 7.0 10.6

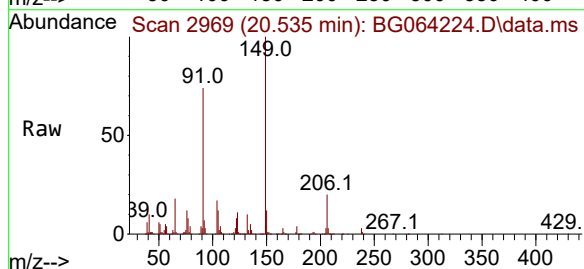
Manual Integrations

APPROVED

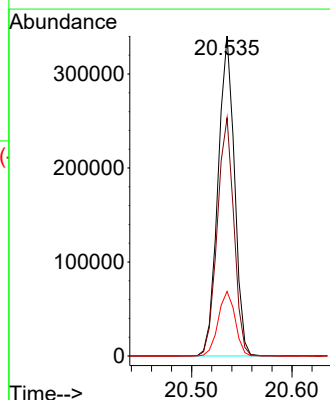
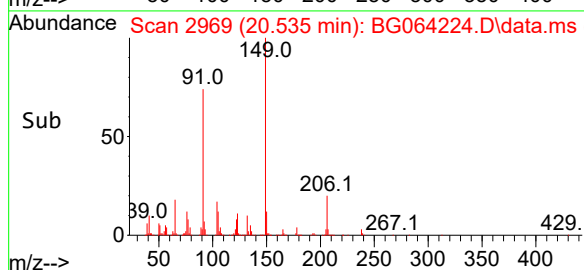
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

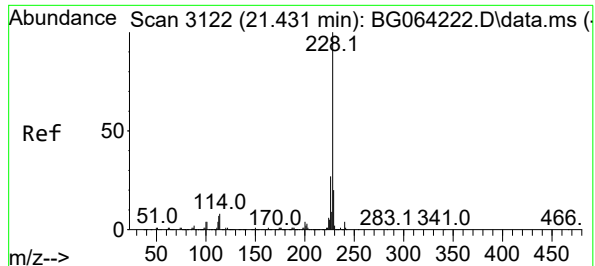


#80
Butylbenzylphthalate
Concen: 62.586 ng
RT: 20.535 min Scan# 2969
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35



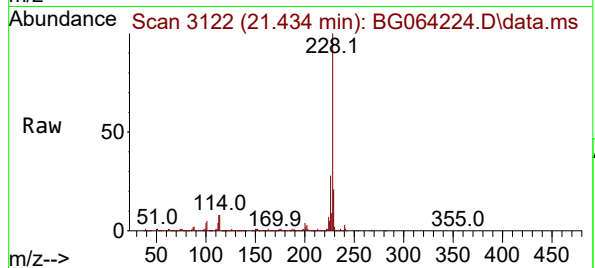
Tgt Ion:149 Resp: 386881
Ion Ratio Lower Upper
149 100
91 74.4 61.4 92.0
206 20.2 15.8 23.6





#81
Benzo(a)anthracene
Concen: 60.738 ng
RT: 21.434 min Scan# 3122
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

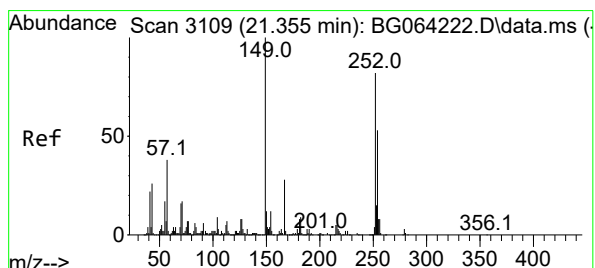
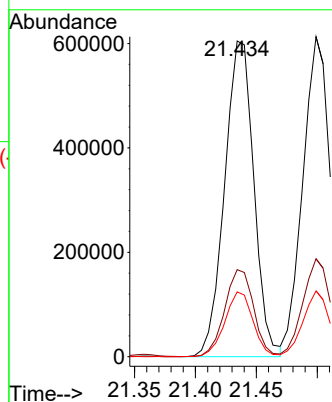
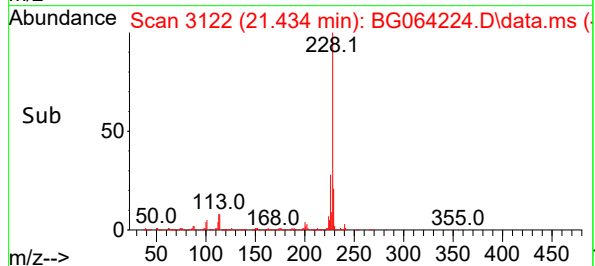
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:228 Resp: 101084
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 20.5 15.9 23.9

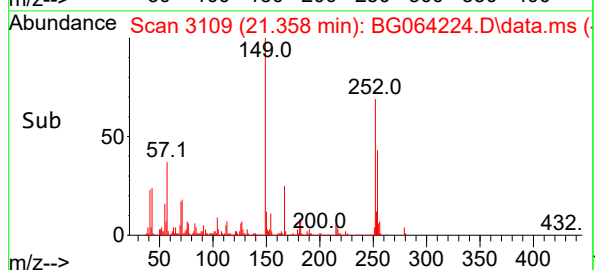
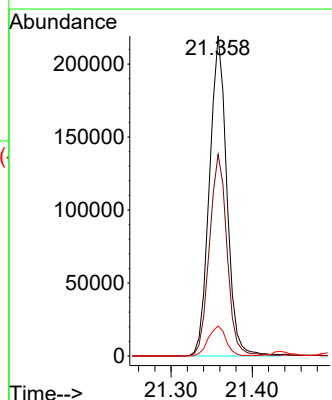
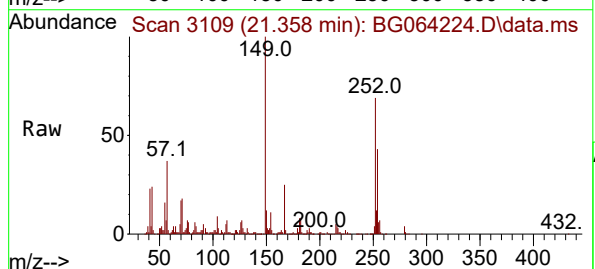
Manual Integrations
APPROVED

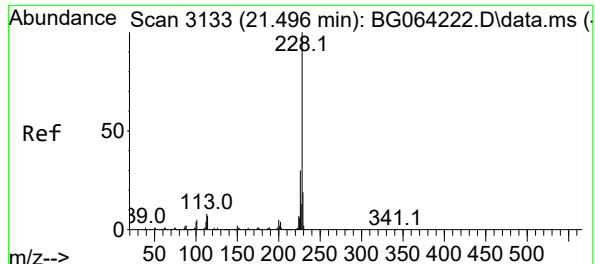
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#82
3,3'-Dichlorobenzidine
Concen: 59.926 ng
RT: 21.358 min Scan# 3109
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:252 Resp: 324809
Ion Ratio Lower Upper
252 100
254 63.0 51.9 77.9
126 9.4 7.6 11.4





#83

Chrysene

Concen: 59.998 ng

RT: 21.499 min Scan# 3133

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

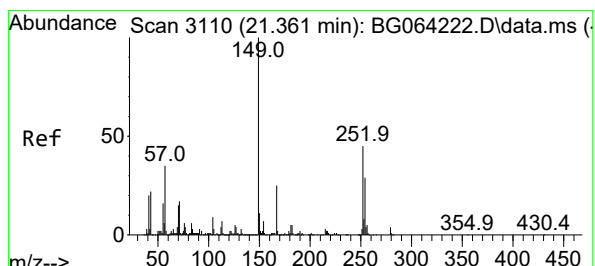
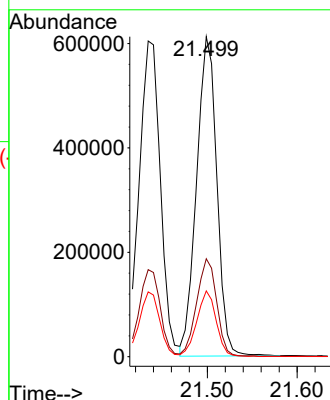
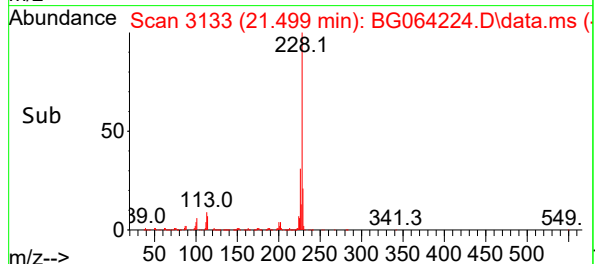
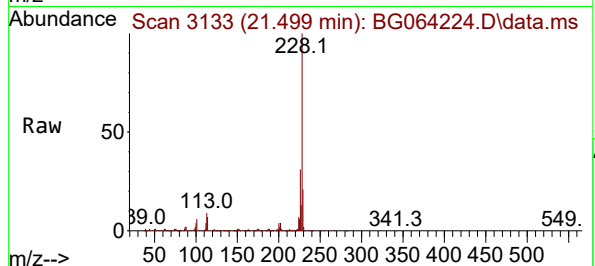
SSTDICC060

Tgt Ion:228 Resp: 958620
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.2
229 20.6 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.696 ng

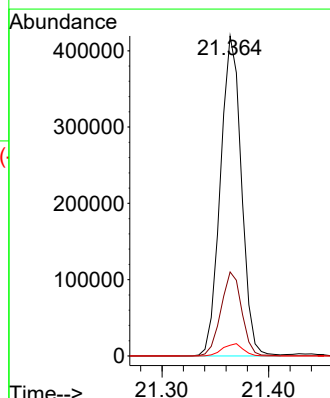
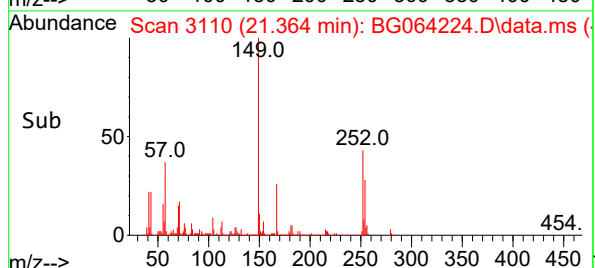
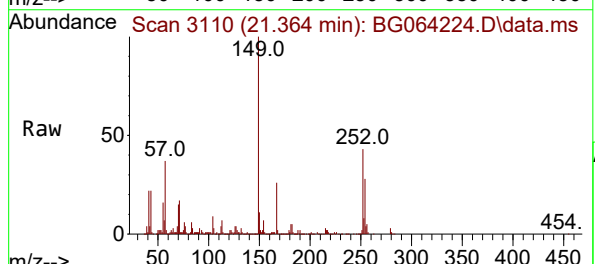
RT: 21.364 min Scan# 3110

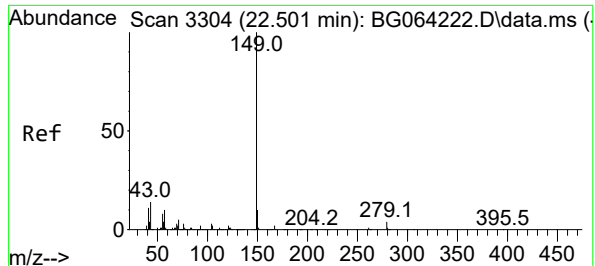
Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

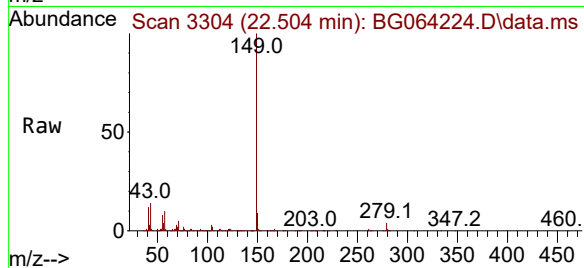
Tgt Ion:149 Resp: 572579
Ion Ratio Lower Upper
149 100
167 26.3 20.0 30.0
279 3.4 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 62.901 ng
RT: 22.504 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

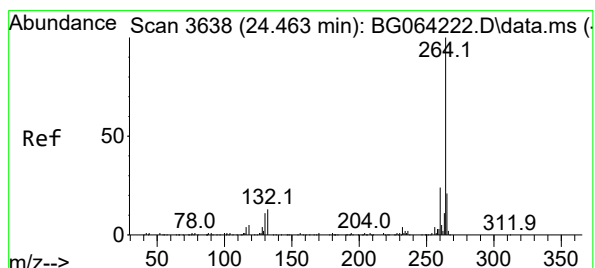
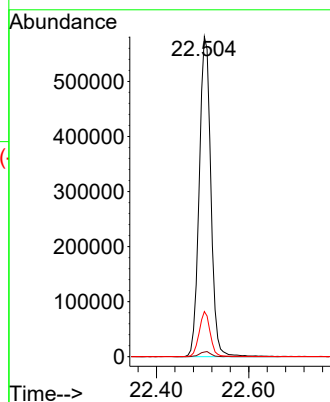
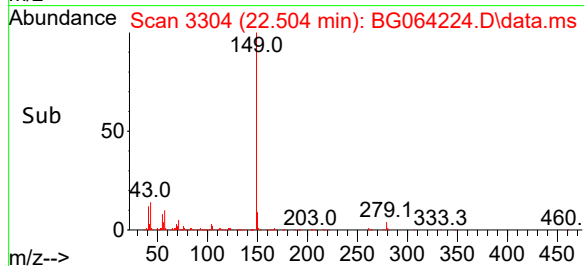
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:149 Resp: 101715
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.4 10.8 16.2

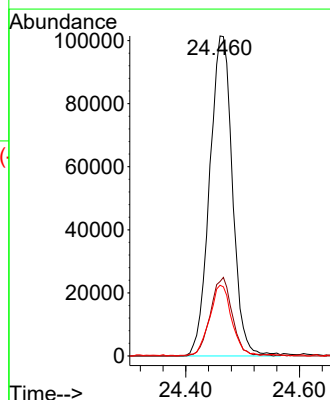
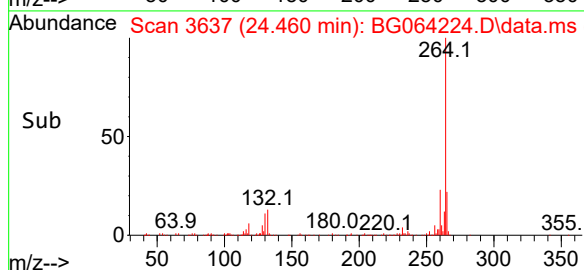
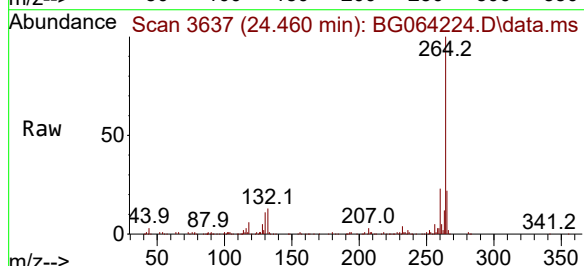
Manual Integrations
APPROVED

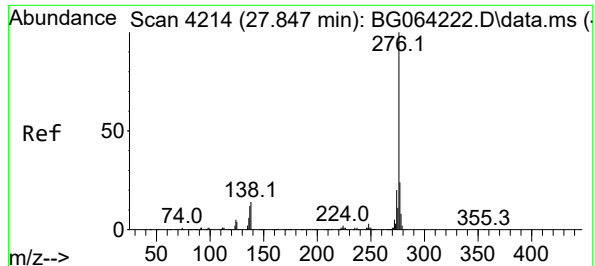
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.460 min Scan# 3637
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

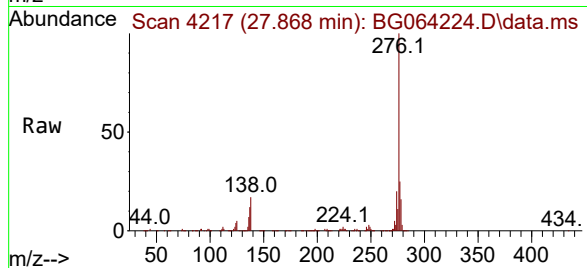
Tgt Ion:264 Resp: 282089
Ion Ratio Lower Upper
264 100
260 23.3 18.9 28.3
265 22.1 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 62.724 ng
RT: 27.868 min Scan# 4217
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

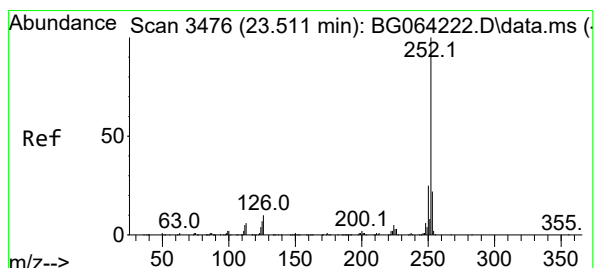
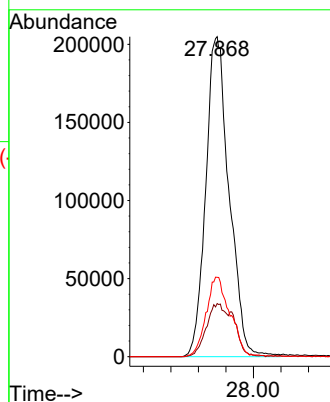
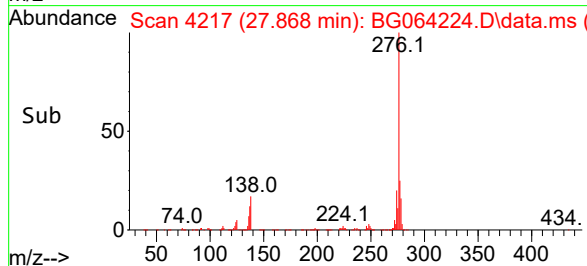
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:276 Resp: 1208324
Ion Ratio Lower Upper
276 100
138 14.2 7.4 11.0
277 25.3 20.5 30.7

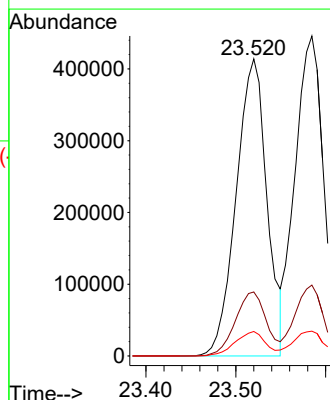
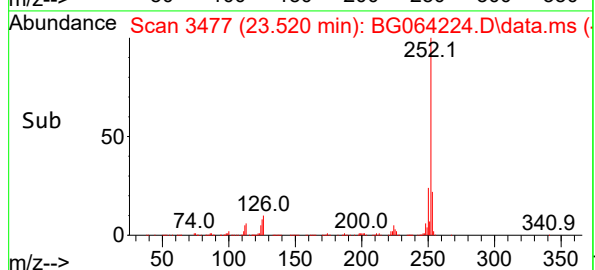
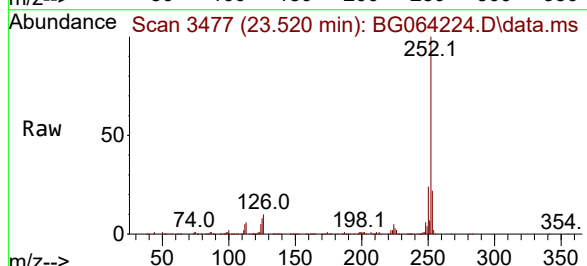
Manual Integrations
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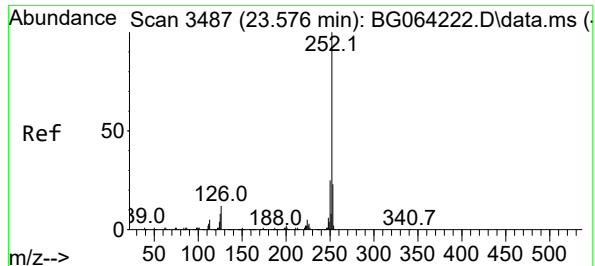
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#88
Benzo(b)fluoranthene
Concen: 61.873 ng
RT: 23.520 min Scan# 3477
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:252 Resp: 985063
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 8.3 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 61.325 ng

RT: 23.585 min Scan# 34

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

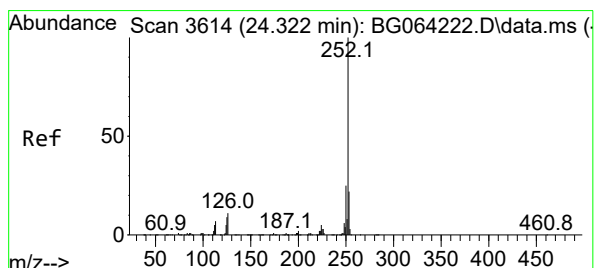
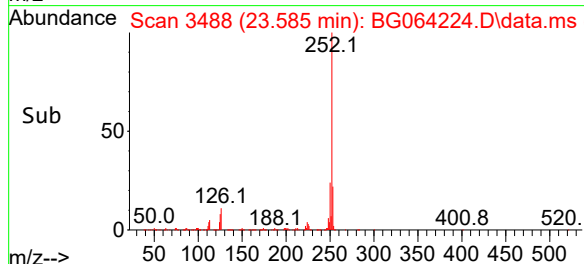
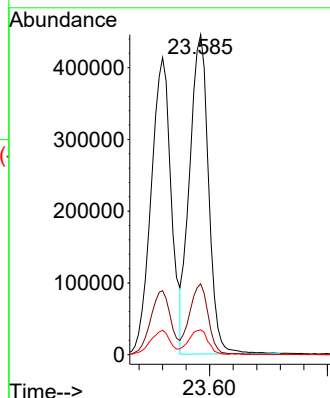
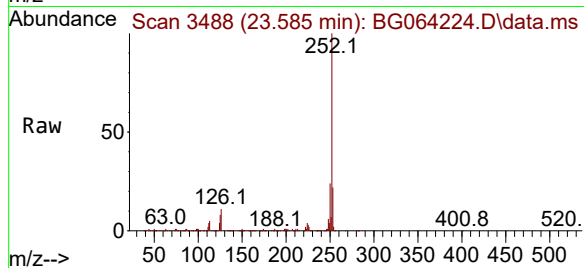
Tgt Ion:	252	Resp:	99466
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.4
125	7.7	7.0	10.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#90

Benzo(a)pyrene

Concen: 62.350 ng

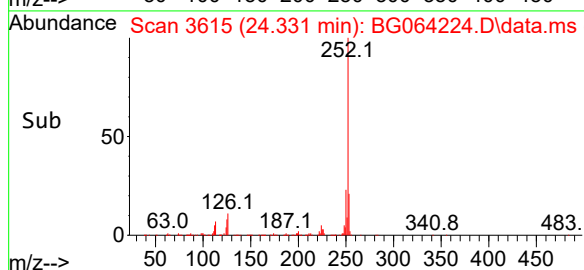
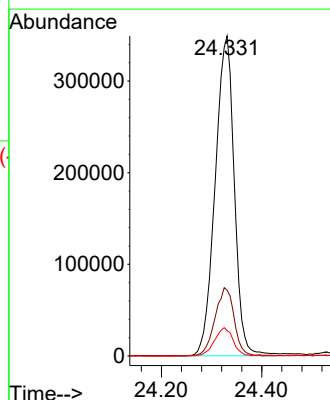
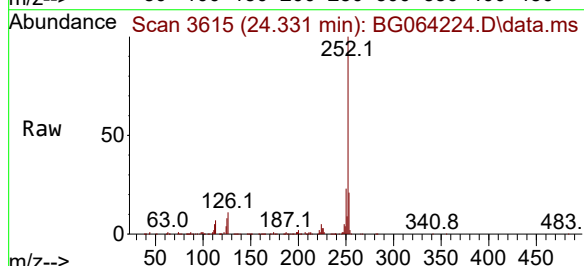
RT: 24.331 min Scan# 3615

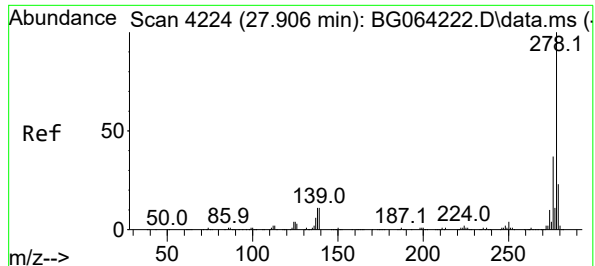
Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

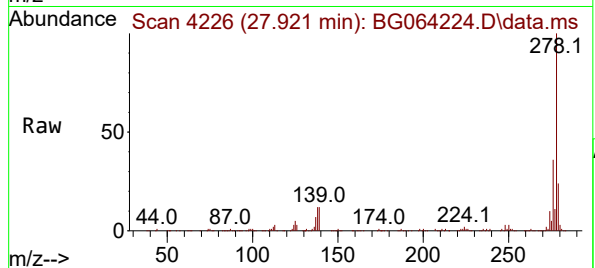
Tgt Ion:	252	Resp:	923392
Ion Ratio	Lower	Upper	
252	100		
253	20.5	17.4	26.2
125	7.9	7.0	10.6





#91
Dibenzo(a,h)anthracene
Concen: 62.598 ng
RT: 27.921 min Scan# 41
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

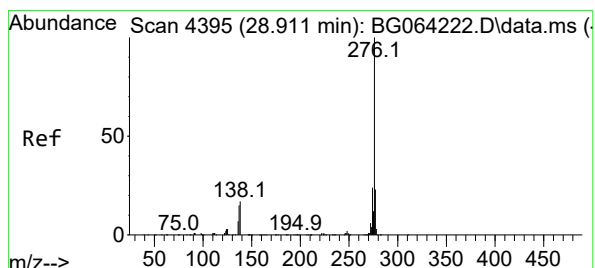
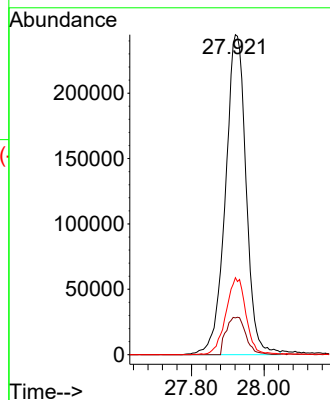
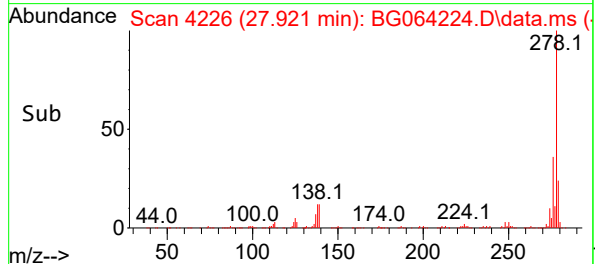
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:278 Resp: 968230
Ion Ratio Lower Upper
278 100
139 11.5 9.0 13.4
279 24.1 18.8 28.2

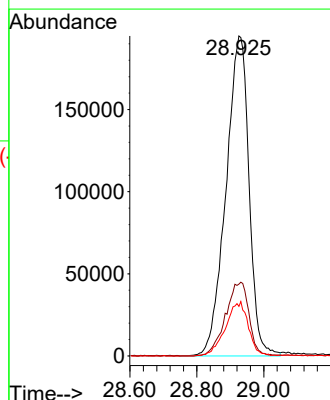
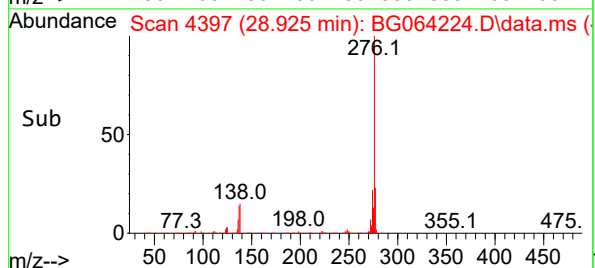
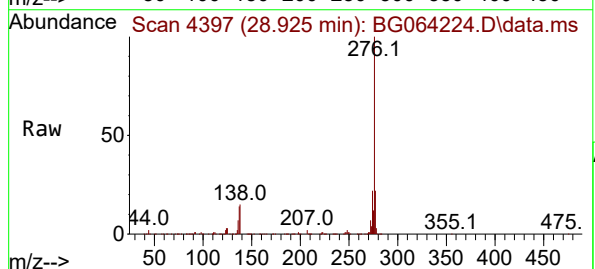
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#92
Benzo(g,h,i)perylene
Concen: 61.991 ng
RT: 28.925 min Scan# 4397
Delta R.T. -0.009 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:276 Resp: 933012
Ion Ratio Lower Upper
276 100
277 22.5 18.2 27.4
138 15.5 13.3 19.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064225.D
 Acq On : 28 Aug 2025 16:16
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:41:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	31439	20.000	ng	0.00
21) Naphthalene-d8	10.650	136	150999	20.000	ng	# 0.00
39) Acenaphthene-d10	14.481	164	104548	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	231385	20.000	ng	0.00
76) Chrysene-d12	21.455	240	235542	20.000	ng	0.00
86) Perylene-d12	24.463	264	252822	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	284858	162.557	ng	0.00
7) Phenol-d6	7.031	99	385197	160.002	ng	0.00
23) Nitrobenzene-d5	9.017	82	435451	160.831	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	210720	152.168	ng	0.00
45) 2-Fluorobiphenyl	13.112	172	1040275	151.875	ng	0.00
79) Terphenyl-d14	19.845	244	1673235	148.209	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.359	88	53597	73.380	ng	94
3) Pyridine	3.752	79	169599	78.882	ng	# 56
4) n-Nitrosodimethylamine	3.664	42	112112	78.835	ng	87
6) Aniline	7.189	93	265369	79.710	ng	98
8) 2-Chlorophenol	7.424	128	171573	80.124	ng	96
10) Phenol	7.054	94	213623	80.484	ng	95
11) bis(2-Chloroethyl)ether	7.283	93	158234	79.334	ng	95
12) 1,3-Dichlorobenzene	7.747	146	176619	77.530	ng	97
13) 1,4-Dichlorobenzene	7.894	146	175825	76.475	ng	98
14) 1,2-Dichlorobenzene	8.212	146	174325	78.562	ng	94
15) Benzyl Alcohol	8.094	79	182418	82.109	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.376	45	352470	77.403	ng	98
17) 2-Methylphenol	8.300	107	156695	79.212	ng	99
18) Hexachloroethane	8.934	117	71260	79.402	ng	93
19) n-Nitroso-di-n-propyla...	8.664	70	146366	79.439	ng	93
20) 3+4-Methylphenols	8.629	107	220429	80.195	ng	98
22) Acetophenone	8.676	105	297000	77.746	ng	# 97
24) Nitrobenzene	9.058	77	226441	80.047	ng	98
25) Isophorone	9.587	82	437415	77.734	ng	99
26) 2-Nitrophenol	9.763	139	103335	84.539	ng	88
27) 2,4-Dimethylphenol	9.827	122	168782	78.649	ng	99
28) bis(2-Chloroethoxy)met...	10.062	93	236323	77.887	ng	97
29) 2,4-Dichlorophenol	10.297	162	177516	78.397	ng	95
30) 1,2,4-Trichlorobenzene	10.509	180	184039	77.085	ng	99
31) Naphthalene	10.697	128	595827	76.094	ng	99
32) Benzoic acid	10.015	122	147808m	86.767	ng	
33) 4-Chloroaniline	10.803	127	242526	79.915	ng	98
34) Hexachlorobutadiene	10.991	225	135868	76.987	ng	91
35) Caprolactam	11.602	113	66367	75.695	ng	# 85
36) 4-Chloro-3-methylphenol	11.931	107	231233	78.708	ng	95
37) 2-Methylnaphthalene	12.307	142	443073	76.128	ng	97
38) 1-Methylnaphthalene	12.524	142	435898	75.825	ng	96
40) 1,2,4,5-Tetrachloroben...	12.677	216	241038	79.906	ng	99
41) Hexachlorocyclopentadiene	12.659	237	123923	86.438	ng	95
43) 2,4,6-Trichlorophenol	12.912	196	164665	81.670	ng	93
44) 2,4,5-Trichlorophenol	12.988	196	177089	80.969	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064225.D
 Acq On : 28 Aug 2025 16:16
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:41:15 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.317	154	595496	78.203	ng	100
47) 2-Chloronaphthalene	13.359	162	451011	78.784	ng	97
48) 2-Nitroaniline	13.564	65	165981	85.067	ng	98
49) Acenaphthylene	14.205	152	660780	78.084	ng	98
50) Dimethylphthalate	13.946	163	592653	74.892	ng	100
51) 2,6-Dinitrotoluene	14.058	165	127509	83.231	ng	98
52) Acenaphthene	14.551	154	457783	76.655	ng	96
53) 3-Nitroaniline	14.387	138	130491	81.316	ng	92
54) 2,4-Dinitrophenol	14.592	184	79263	79.247	ng	# 84
55) Dibenzofuran	14.880	168	720048	76.654	ng	98
56) 4-Nitrophenol	14.698	139	110109	83.646	ng	98
57) 2,4-Dinitrotoluene	14.845	165	190202	82.112	ng	98
58) Fluorene	15.533	166	574100	74.567	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.109	232	164241	78.076	ng	99
60) Diethylphthalate	15.315	149	633833	74.841	ng	99
61) 4-Chlorophenyl-phenyle...	15.527	204	289860	75.511	ng	96
62) 4-Nitroaniline	15.556	138	136014	83.062	ng	98
63) Azobenzene	15.820	77	577669	76.529	ng	98
65) 4,6-Dinitro-2-methylph...	15.609	198	118887	89.493	ng	99
66) n-Nitrosodiphenylamine	15.744	169	501350	78.764	ng	96
67) 4-Bromophenyl-phenylether	16.420	248	199527	81.188	ng	99
68) Hexachlorobenzene	16.537	284	217240	79.601	ng	93
69) Atrazine	16.696	200	203423	76.540	ng	99
70) Pentachlorophenol	16.878	266	144874	87.549	ng	93
71) Phenanthrene	17.266	178	939199	76.958	ng	98
72) Anthracene	17.360	178	951911	76.680	ng	98
73) Carbazole	17.624	167	841735	76.969	ng	98
74) Di-n-butylphthalate	18.194	149	1011294	76.970	ng	99
75) Fluoranthene	19.275	202	1084541	75.580	ng	98
77) Benzidine	19.457	184	337627	68.139	ng	98
78) Pyrene	19.639	202	1147906	77.355	ng	99
80) Butylbenzylphthalate	20.533	149	453565	81.036	ng	100
81) Benzo(a)anthracene	21.437	228	1171856	77.766	ng	99
82) 3,3'-Dichlorobenzidine	21.361	252	380457	77.523	ng	97
83) Chrysene	21.502	228	1121478	77.521	ng	99
84) Bis(2-ethylhexyl)phtha...	21.367	149	661990	78.779	ng	96
85) Di-n-octyl phthalate	22.507	149	1167706	79.752	ng	100
87) Indeno(1,2,3-cd)pyrene	27.871	276	1401756	81.188	ng	# 98
88) Benzo(b)fluoranthene	23.517	252	1165918	81.710	ng	99
89) Benzo(k)fluoranthene	23.588	252	1148481	79.005	ng	98
90) Benzo(a)pyrene	24.328	252	1066956	80.383	ng	100
91) Dibenzo(a,h)anthracene	27.924	278	1133261	81.749	ng	98
92) Benzo(g,h,i)perylene	28.934	276	1088525	80.696	ng	98

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

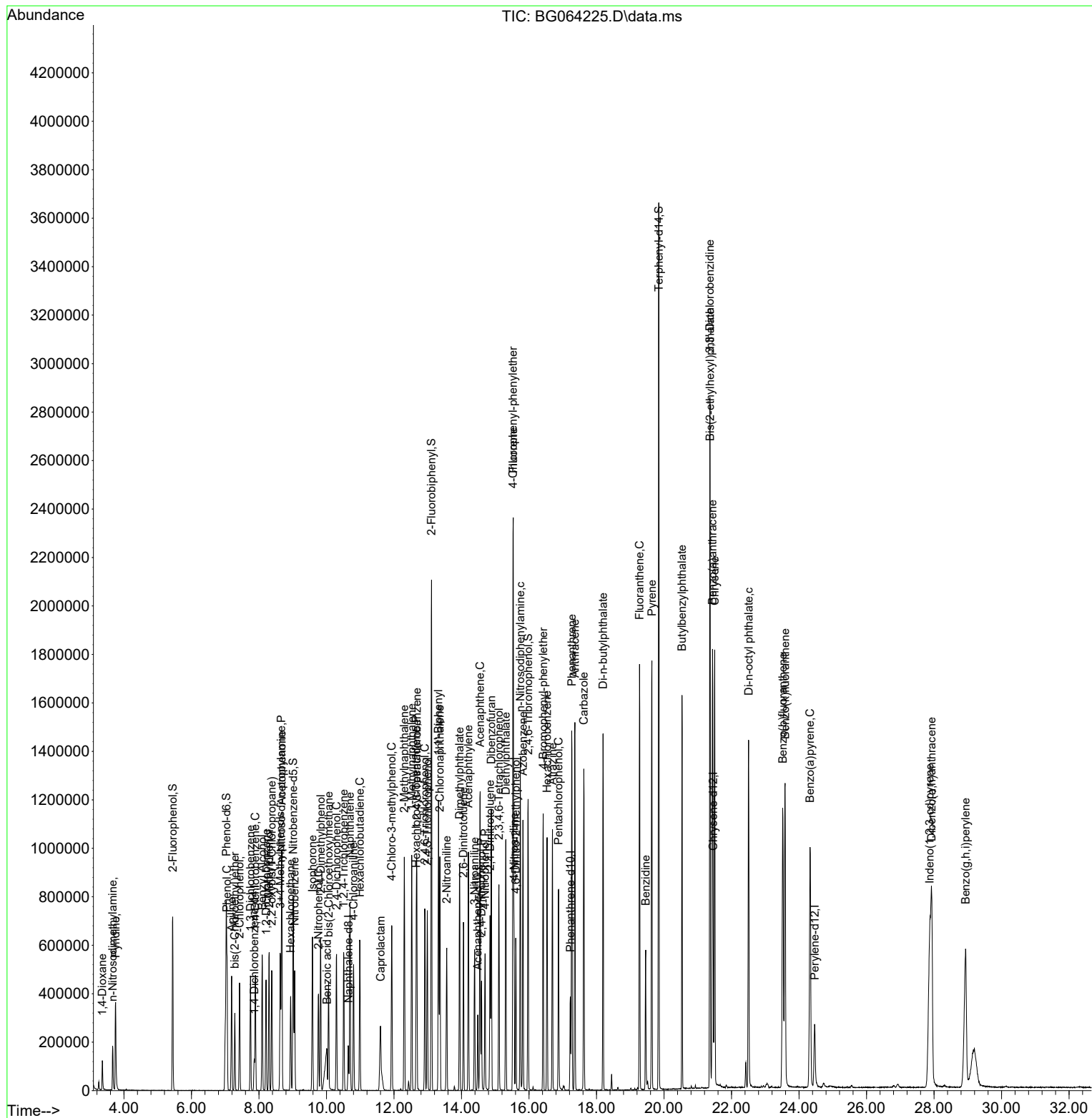
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 Data File : BG064225.D
 Acq On : 28 Aug 2025 16:16
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

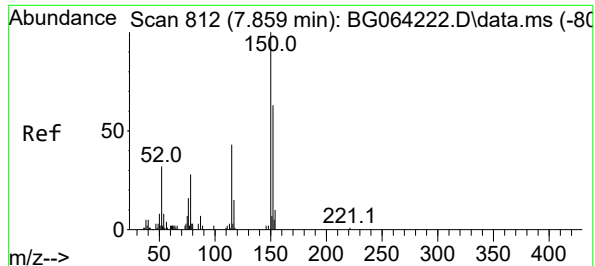
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025

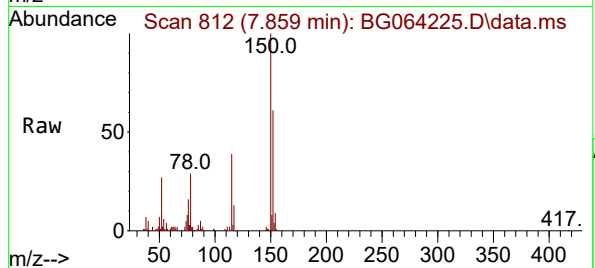
Quant Time: Aug 28 18:41:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 812
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

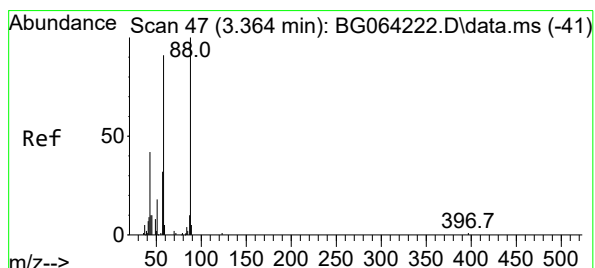
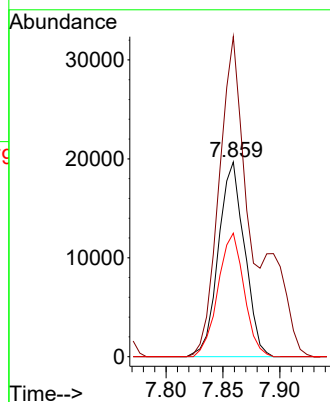
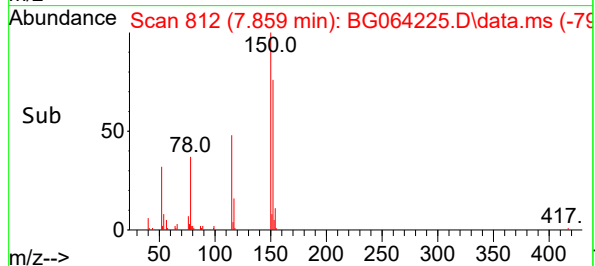
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 31439
Ion Ratio Lower Upper
152 100
150 164.4 128.0 192.0
115 63.5 55.7 83.5

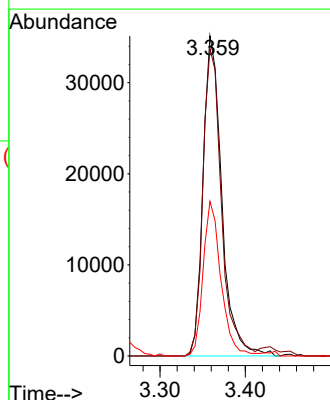
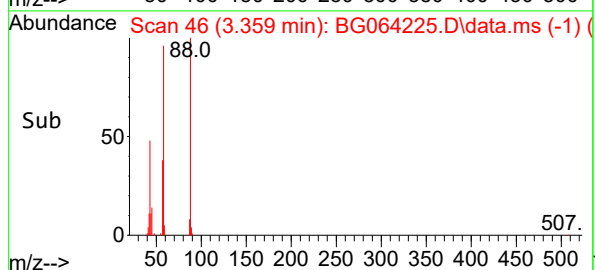
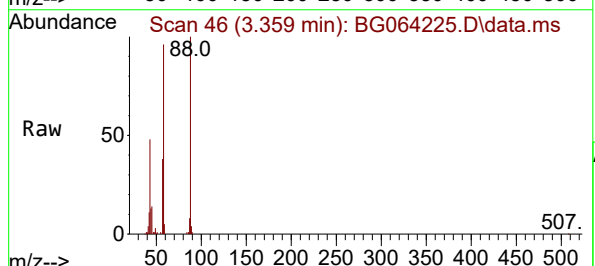
Manual Integrations
APPROVED

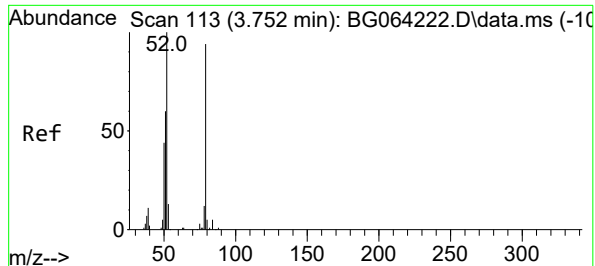
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#2
1,4-Dioxane
Concen: 73.380 ng
RT: 3.359 min Scan# 46
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

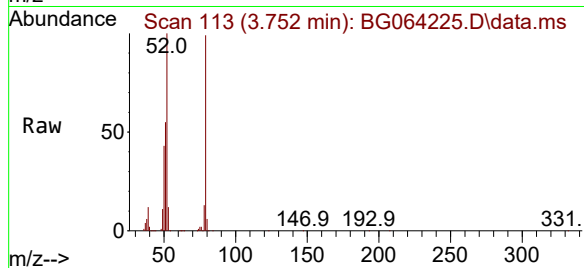
Tgt Ion: 88 Resp: 53597
Ion Ratio Lower Upper
88 100
58 94.8 80.8 121.2
43 46.2 40.3 60.5





#3
Pyridine
Concen: 78.882 ng
RT: 3.752 min Scan# 113
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

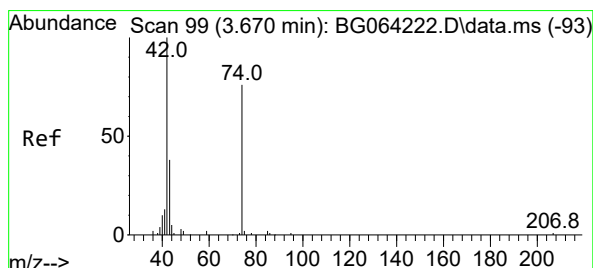
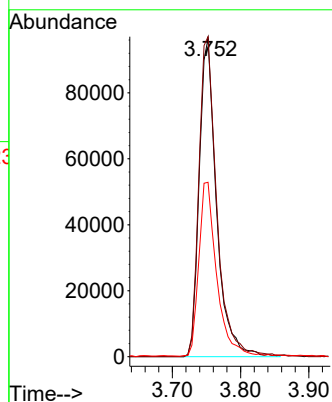
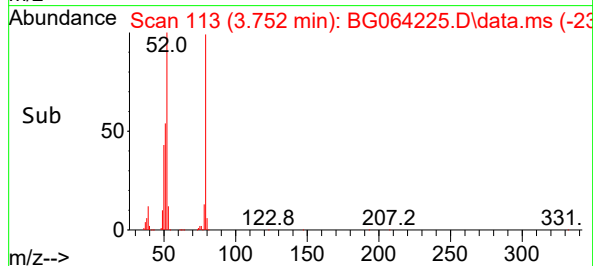
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 169599
Ion Ratio Lower Upper
79 100
52 100.6 86.6 129.8
51 54.8 114.1 171.1

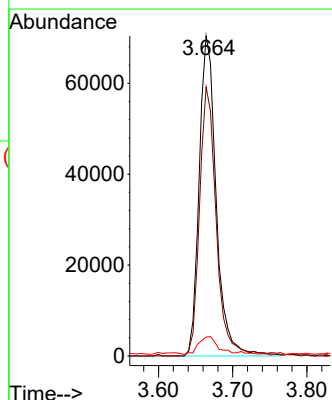
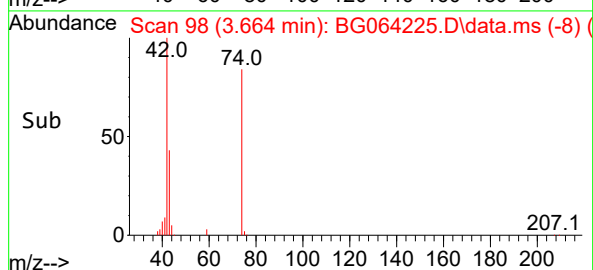
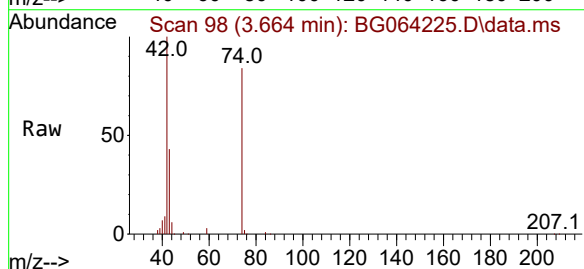
Manual Integrations
APPROVED

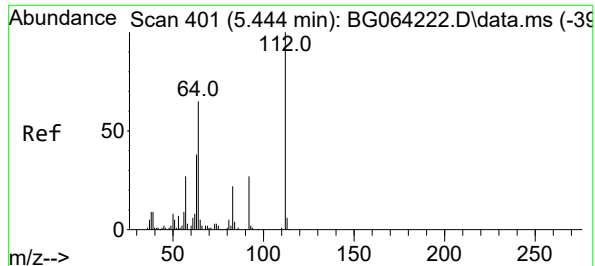
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#4
n-Nitrosodimethylamine
Concen: 78.835 ng
RT: 3.664 min Scan# 98
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion: 42 Resp: 112112
Ion Ratio Lower Upper
42 100
74 84.1 58.0 87.0
44 5.9 5.5 8.3





#5

2-Fluorophenol

Concen: 162.557 ng

RT: 5.444 min Scan# 401

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:112 Resp: 284858

Ion Ratio Lower Upper

112 100

64 61.3 51.8 77.6

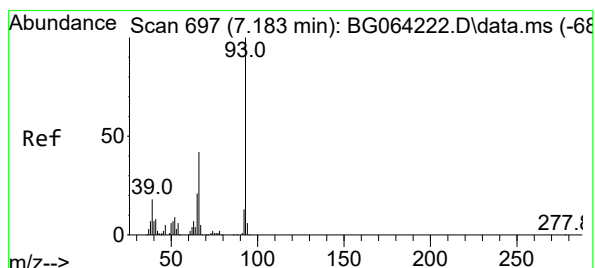
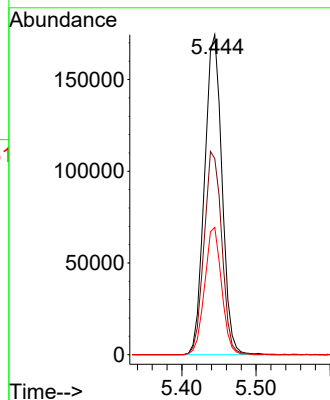
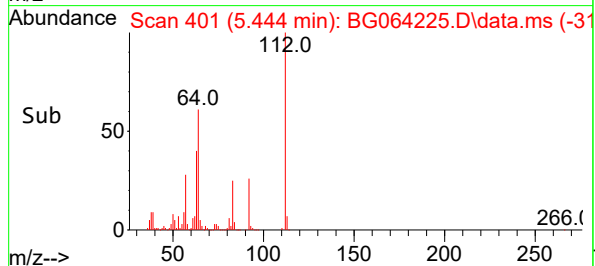
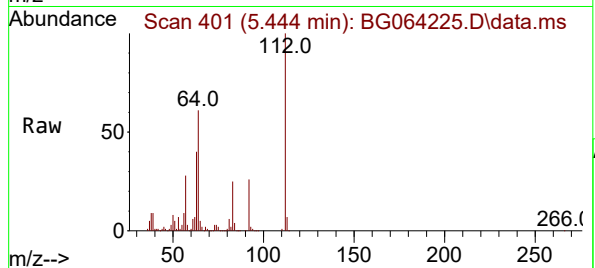
63 39.8 30.6 45.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#6

Aniline

Concen: 79.710 ng

RT: 7.189 min Scan# 698

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

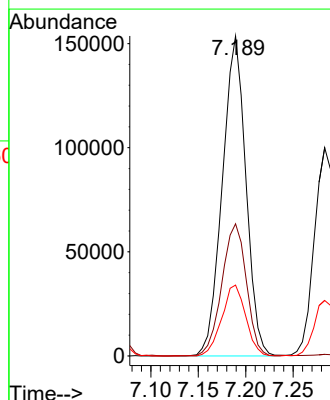
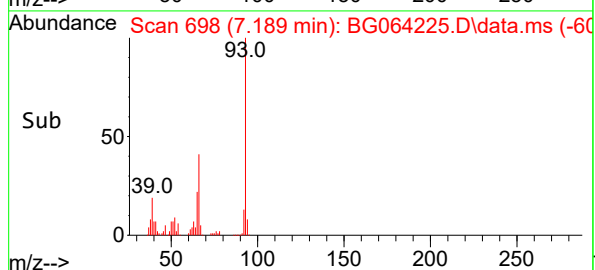
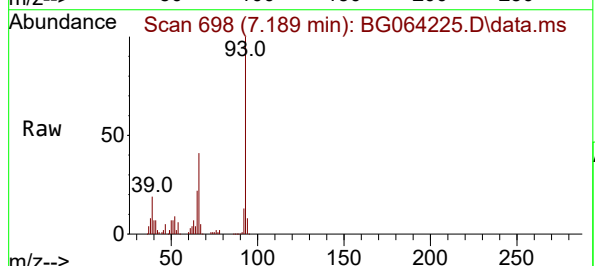
Tgt Ion: 93 Resp: 265369

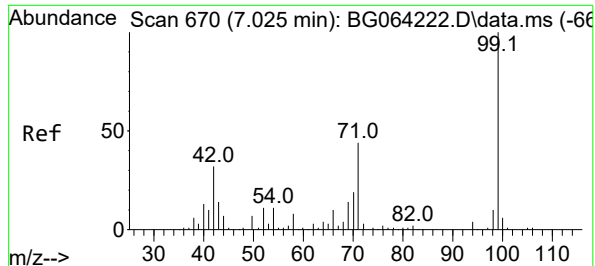
Ion Ratio Lower Upper

93 100

66 41.3 33.8 50.8

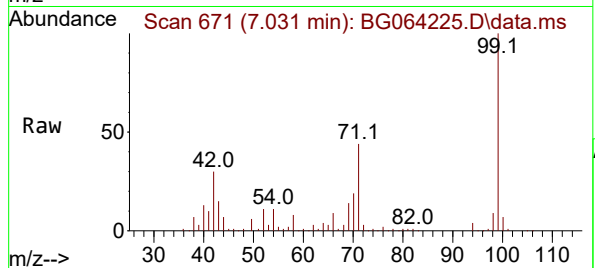
65 22.2 16.9 25.3





#7
Phenol-d6
Concen: 160.002 ng
RT: 7.031 min Scan# 671
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

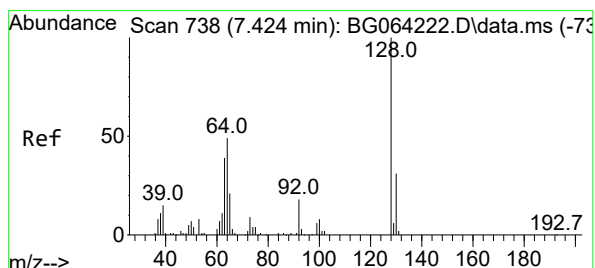
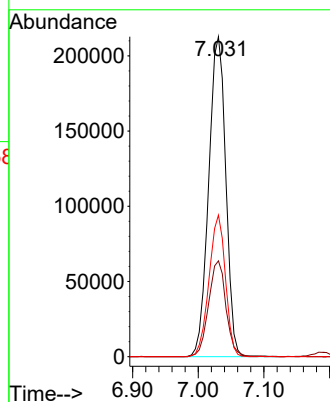
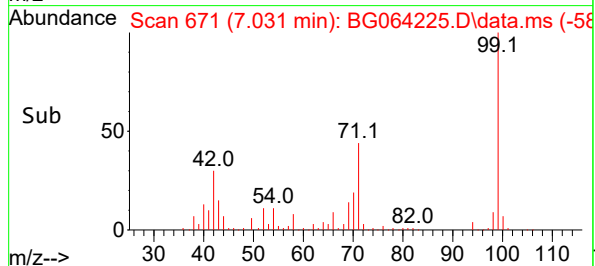
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 99 Resp: 38519
Ion Ratio Lower Upper
99 100
42 29.9 25.8 38.8
71 44.3 35.2 52.8

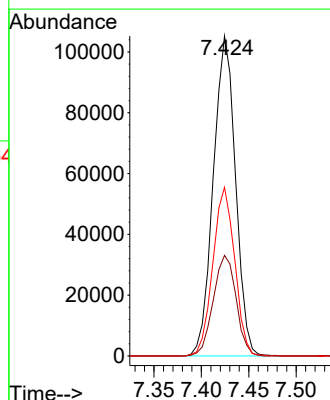
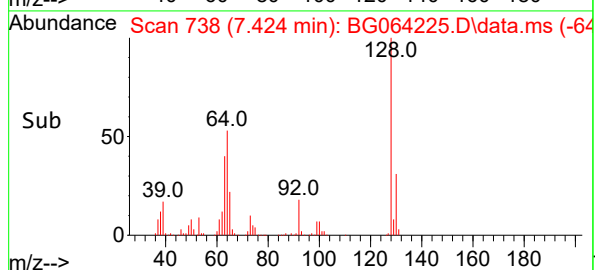
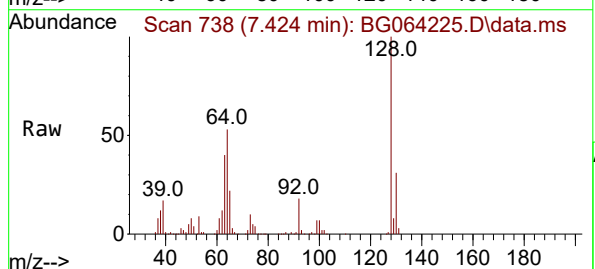
Manual Integrations
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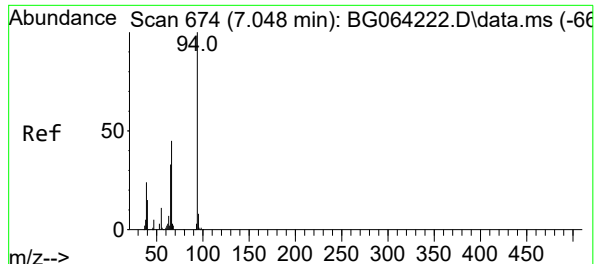
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#8
2-Chlorophenol
Concen: 80.124 ng
RT: 7.424 min Scan# 738
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:128 Resp: 171573
Ion Ratio Lower Upper
128 100
130 31.4 10.9 50.9
64 52.7 28.7 68.7





#10

Phenol

Concen: 80.484 ng

RT: 7.054 min Scan# 61

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 94 Resp: 21362

Ion Ratio Lower Upper

94 100

65 35.9 13.5 53.5

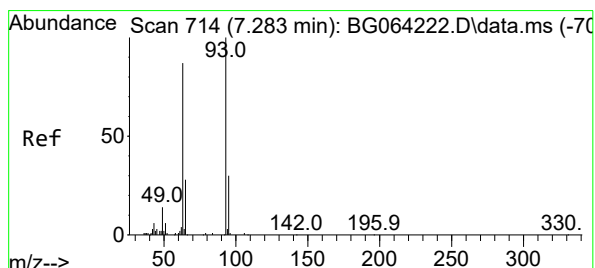
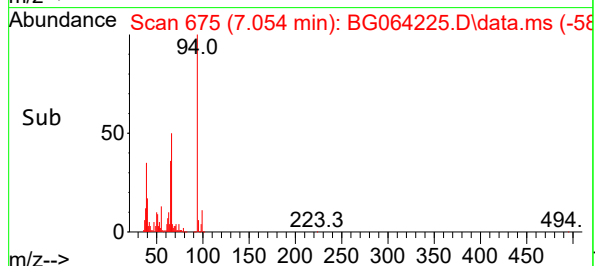
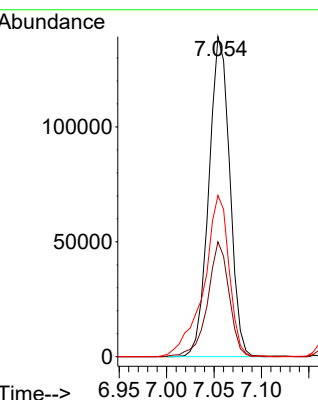
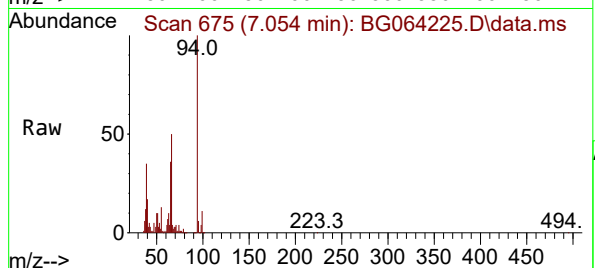
66 50.4 26.2 66.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#11

bis(2-Chloroethyl)ether

Concen: 79.334 ng

RT: 7.283 min Scan# 714

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

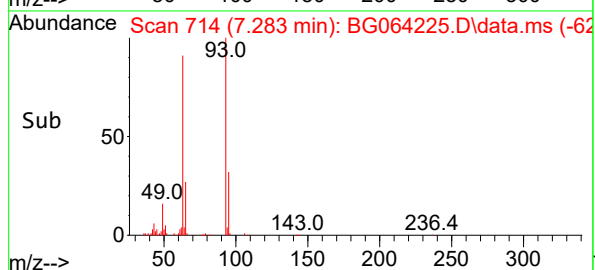
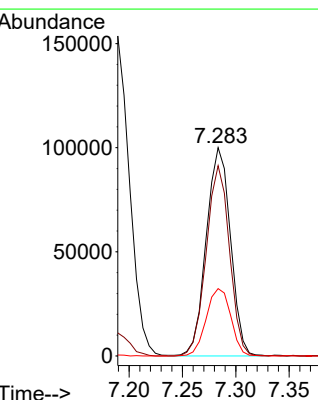
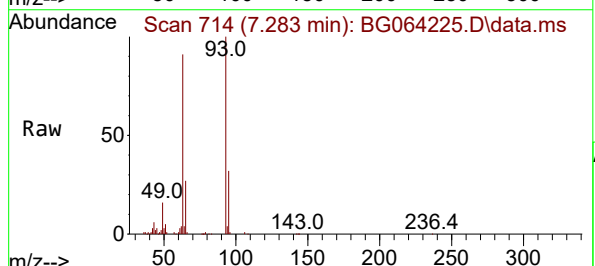
Tgt Ion: 93 Resp: 158234

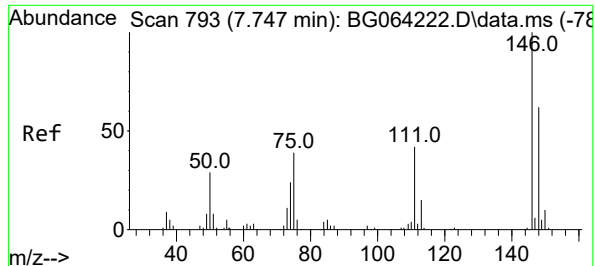
Ion Ratio Lower Upper

93 100

63 91.3 66.2 106.2

95 32.3 9.8 49.8





#12

1,3-Dichlorobenzene

Concen: 77.530 ng

RT: 7.747 min Scan# 793

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 176619

Ion Ratio Lower Upper

146 100

148 63.2 49.6 74.4

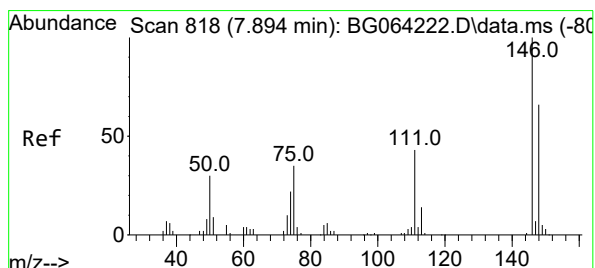
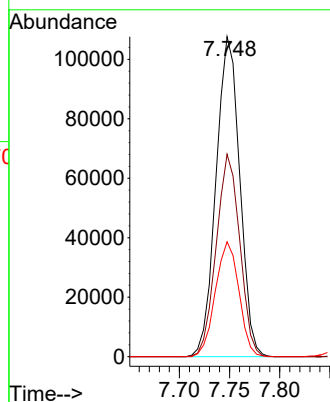
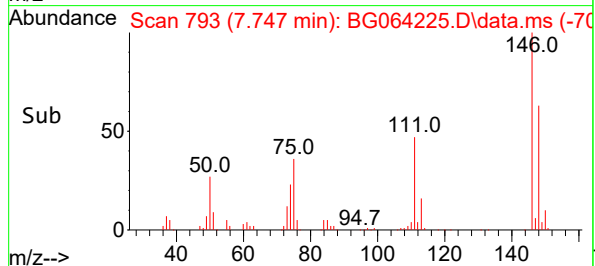
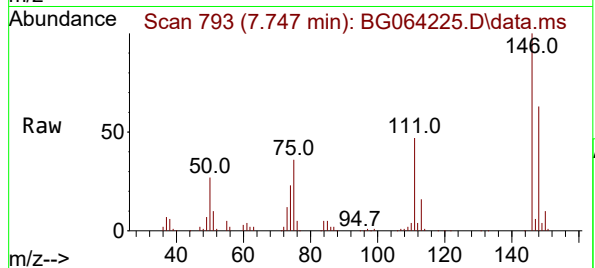
75 35.9 31.0 46.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#13

1,4-Dichlorobenzene

Concen: 76.475 ng

RT: 7.894 min Scan# 818

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

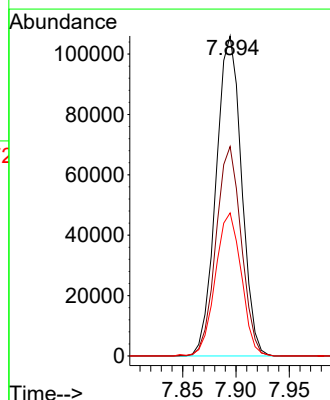
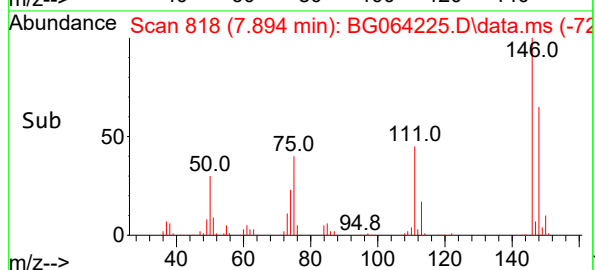
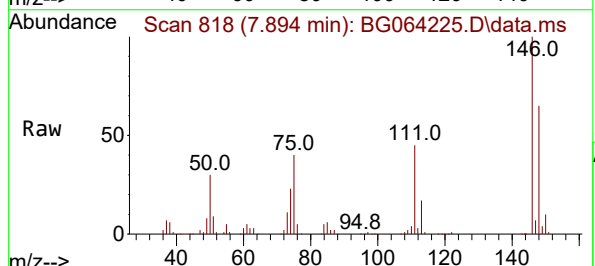
Tgt Ion:146 Resp: 175825

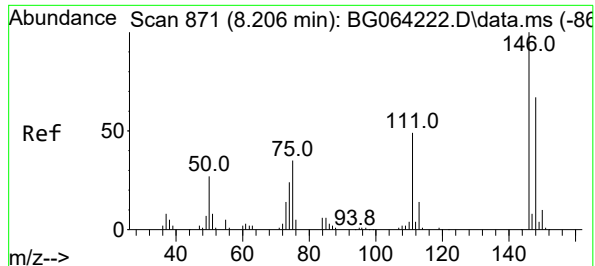
Ion Ratio Lower Upper

146 100

148 65.4 52.8 79.2

111 44.7 34.1 51.1





#14

1,2-Dichlorobenzene

Concen: 78.562 ng

RT: 8.212 min Scan# 81

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 17432

Ion Ratio Lower Upper

146 100

148 61.2 53.4 80.0

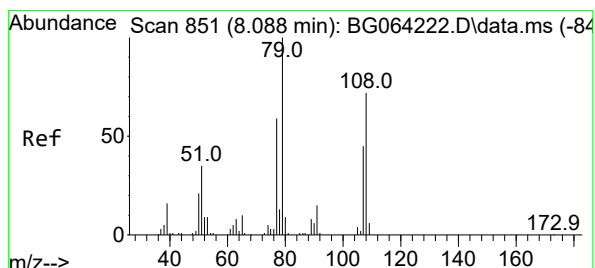
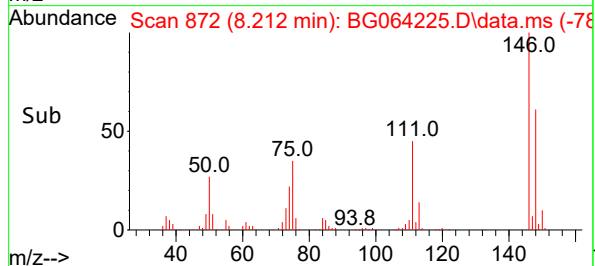
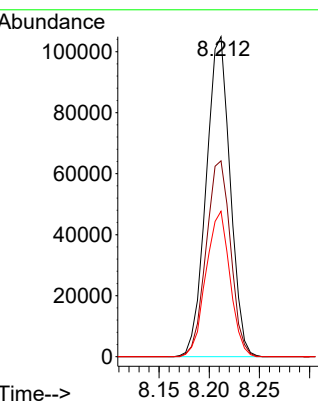
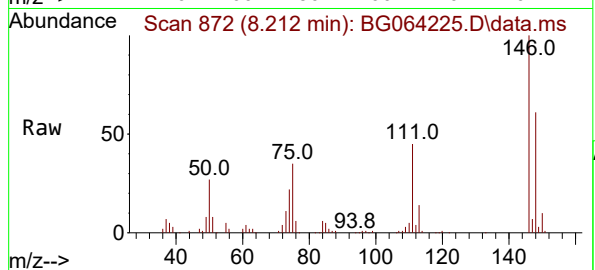
111 45.5 39.1 58.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#15

Benzyl Alcohol

Concen: 82.109 ng

RT: 8.094 min Scan# 852

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

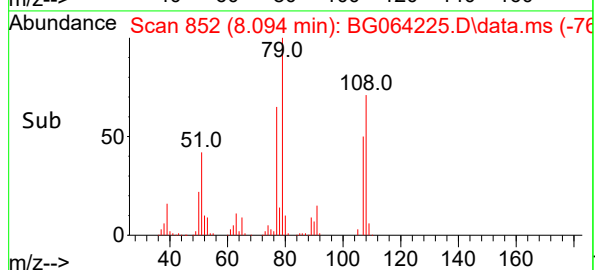
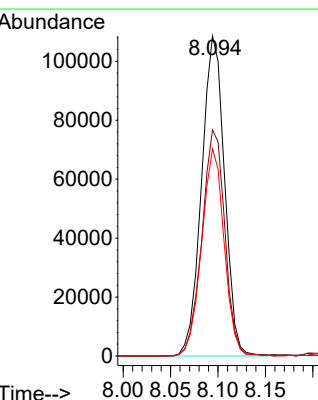
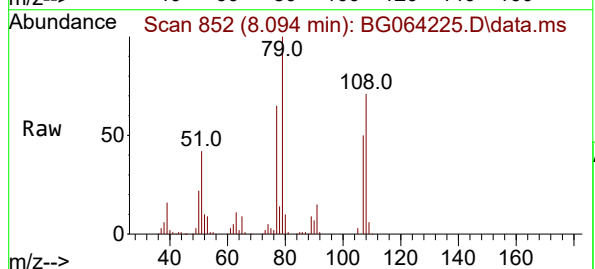
Tgt Ion: 79 Resp: 182418

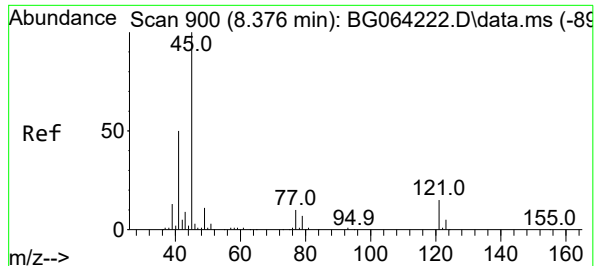
Ion Ratio Lower Upper

79 100

108 70.6 57.4 86.0

77 64.8 47.2 70.8





#16
2,2'-oxybis(1-Chloropropane)
Concen: 77.403 ng
RT: 8.376 min Scan# 900
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

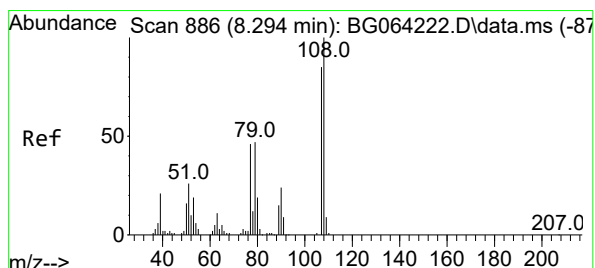
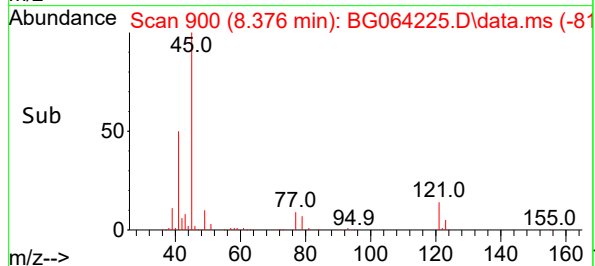
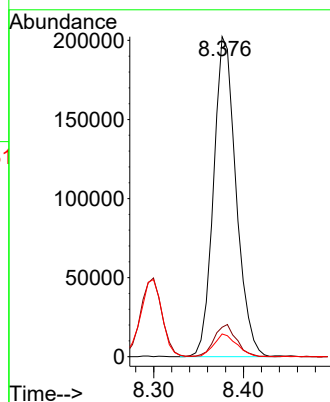
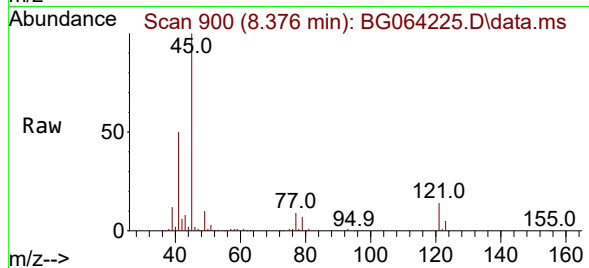
SSTDICC080

Tgt Ion:	45	Resp:	352470
Ion Ratio	Lower	Upper	
45	100		
77	9.2	0.0	30.0
79	7.1	0.0	27.9

Manual Integrations

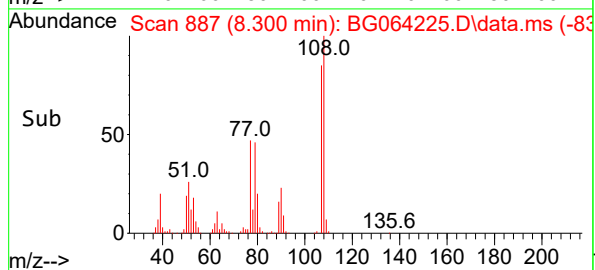
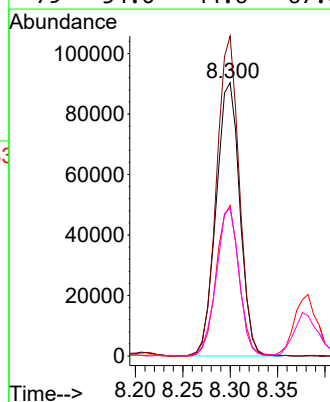
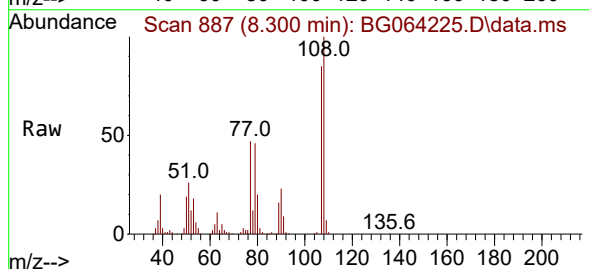
APPROVED

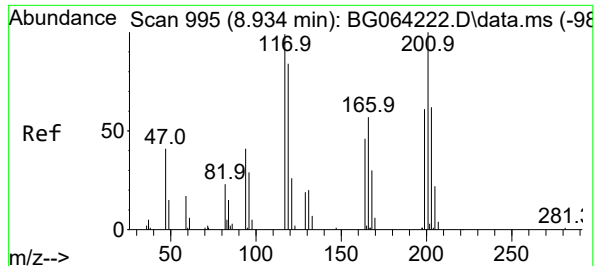
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#17
2-Methylphenol
Concen: 79.212 ng
RT: 8.300 min Scan# 887
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

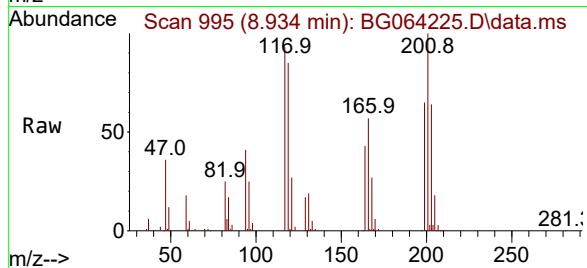
Tgt Ion:	107	Resp:	156695
Ion Ratio	Lower	Upper	
107	100		
108	117.1	94.6	141.8
77	55.0	43.7	65.5
79	54.0	44.6	67.0





#18
Hexachloroethane
Concen: 79.402 ng
RT: 8.934 min Scan# 995
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

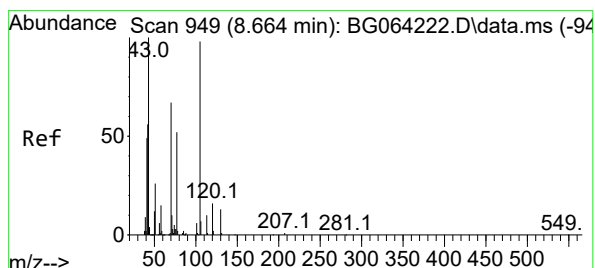
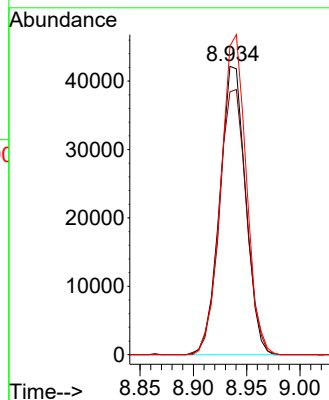
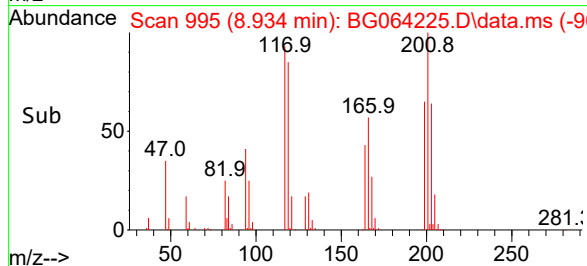
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:117 Resp: 71260
Ion Ratio Lower Upper
117 100
119 91.2 67.9 101.9
201 107.0 80.5 120.7

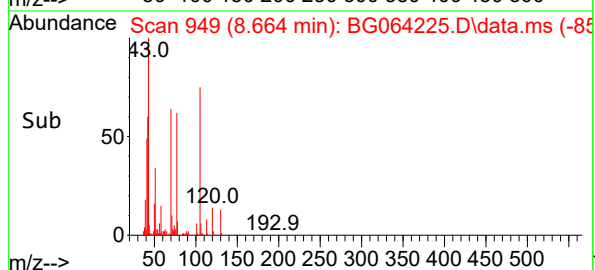
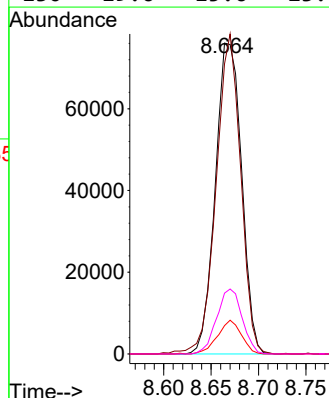
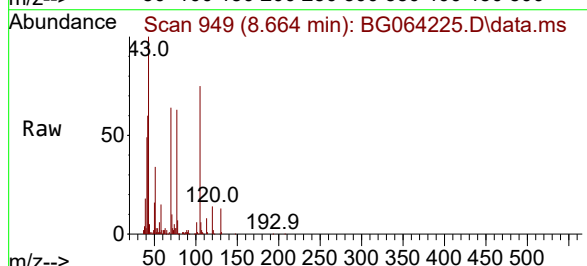
Manual Integrations
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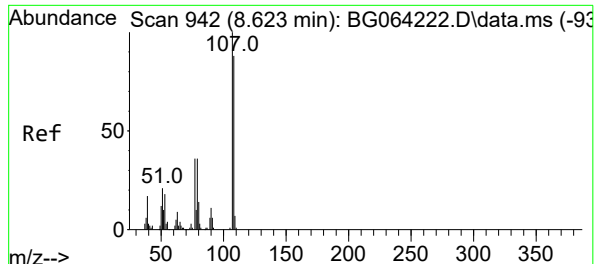
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#19
n-Nitroso-di-n-propylamine
Concen: 79.439 ng
RT: 8.664 min Scan# 949
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion: 70 Resp: 146366
Ion Ratio Lower Upper
70 100
42 93.3 67.9 101.9
101 9.1 7.3 10.9
130 19.6 15.6 23.4





#20

3+4-Methylphenols

Concen: 80.195 ng

RT: 8.629 min Scan# 94

Delta R.T. 0.000 min

Lab File: BG064225.D

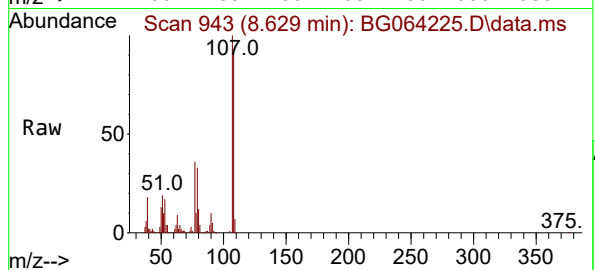
Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



Tgt Ion:107 Resp: 220429

Ion Ratio Lower Upper

107 100

108 89.6 68.1 108.1

77 36.5 15.9 55.9

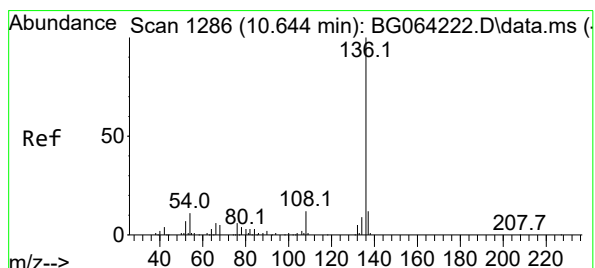
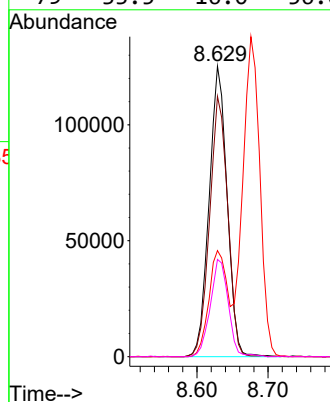
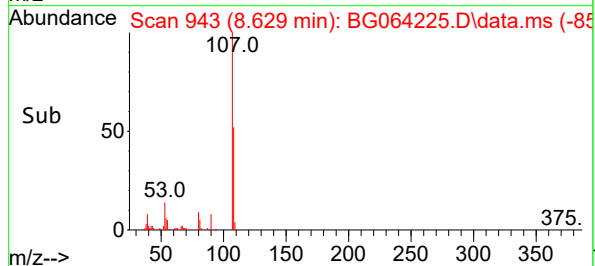
79 33.5 16.0 56.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.650 min Scan# 1287

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Tgt Ion:136 Resp: 150999

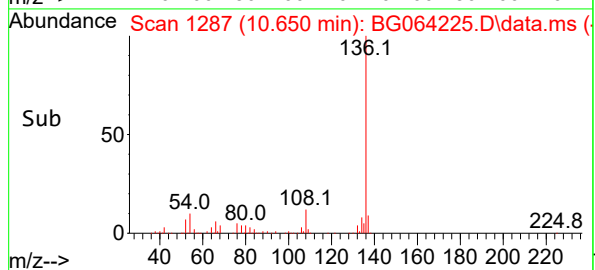
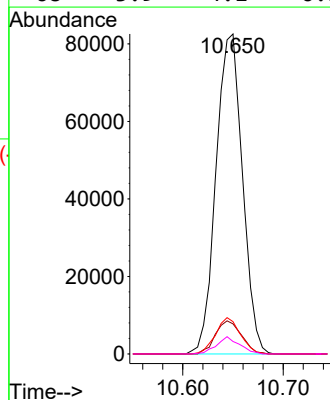
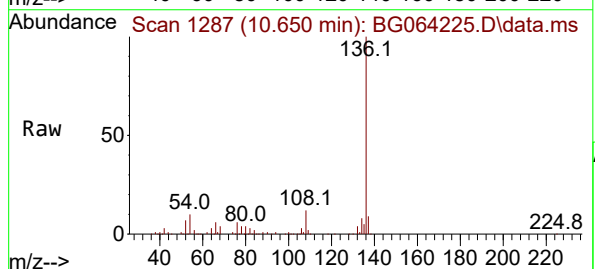
Ion Ratio Lower Upper

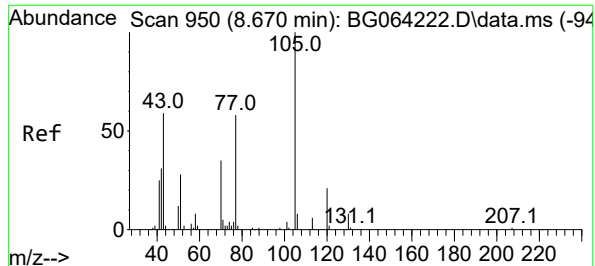
136 100

137 9.4 9.6 14.4#

54 10.1 8.8 13.2

68 3.9 4.1 6.1#





#22

Acetophenone

Concen: 77.746 ng

RT: 8.676 min Scan# 91

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:105 Resp: 297000

Ion Ratio Lower Upper

105 100

71 6.6 4.3 6.5

51 42.1 32.4 48.6

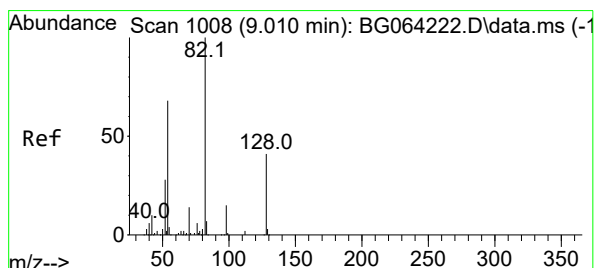
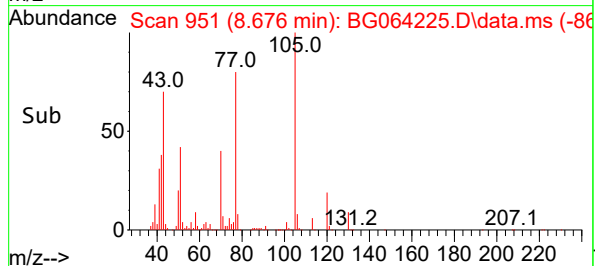
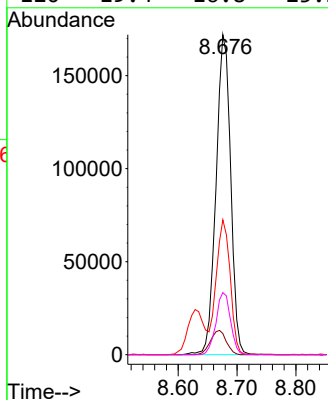
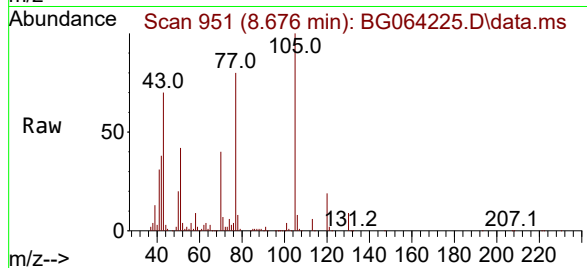
120 19.4 16.8 25.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#23

Nitrobenzene-d5

Concen: 160.831 ng

RT: 9.017 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

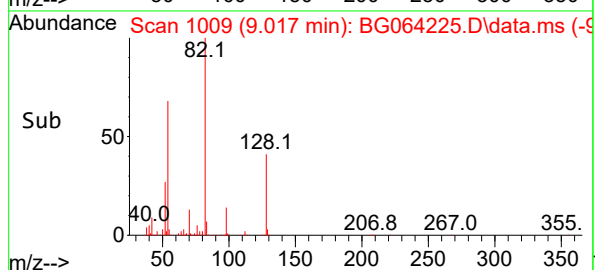
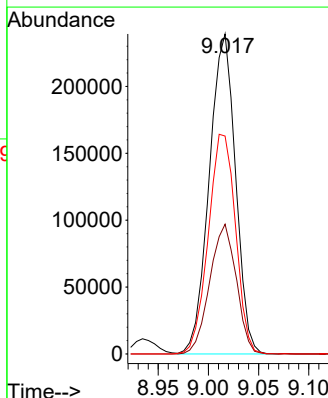
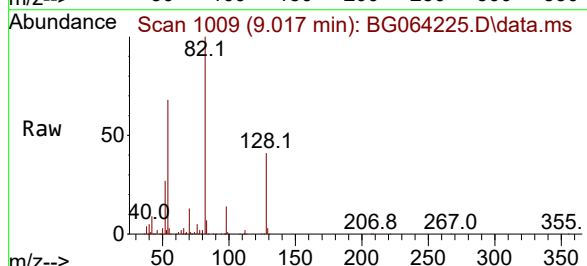
Tgt Ion: 82 Resp: 435451

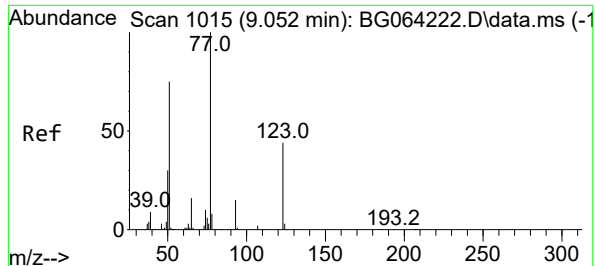
Ion Ratio Lower Upper

82 100

128 40.6 32.6 48.8

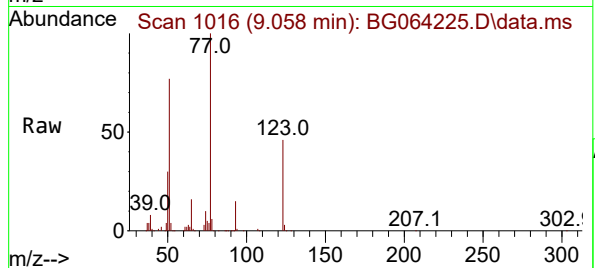
54 68.1 54.7 82.1





#24
Nitrobenzene
Concen: 80.047 ng
RT: 9.058 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

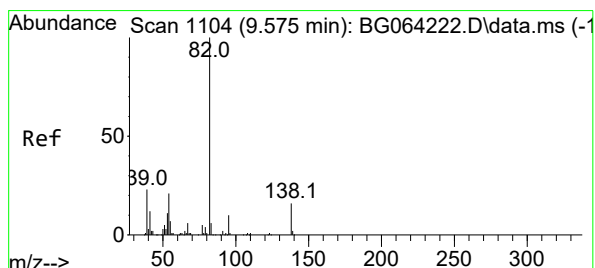
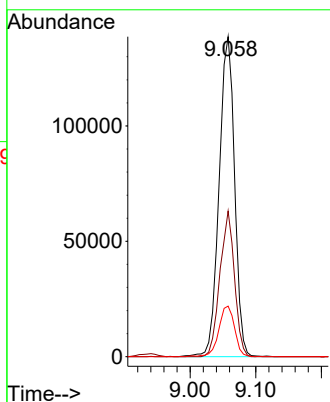
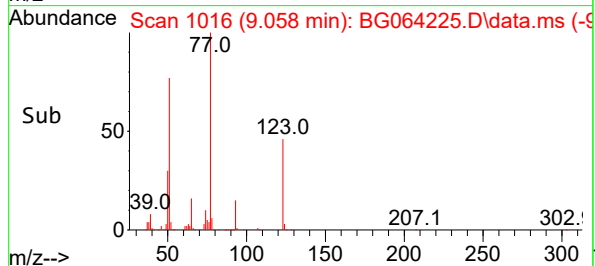
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 22644
Ion Ratio Lower Upper
77 100
123 45.5 35.2 52.8
65 15.8 12.6 19.0

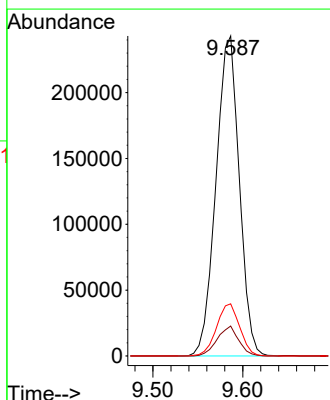
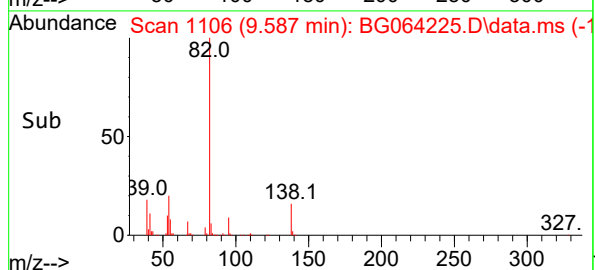
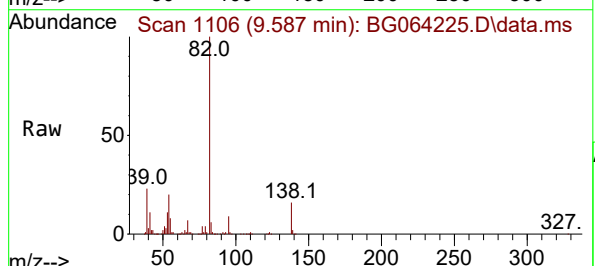
Manual Integrations
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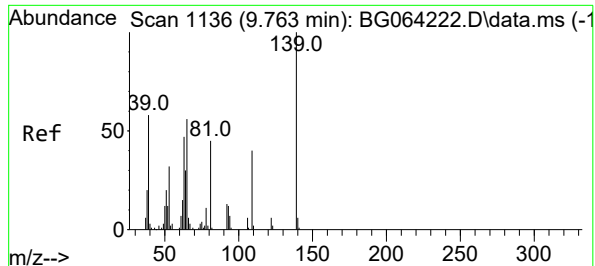
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#25
Isophorone
Concen: 77.734 ng
RT: 9.587 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

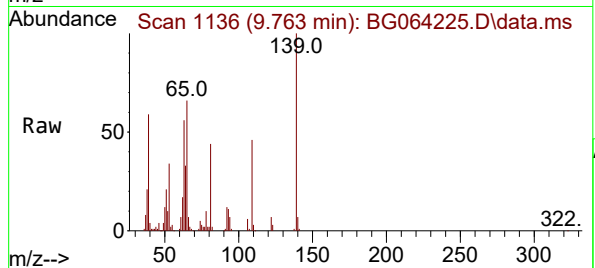
Tgt Ion: 82 Resp: 437415
Ion Ratio Lower Upper
82 100
95 9.4 7.9 11.9
138 16.3 13.0 19.4





#26
2-Nitrophenol
Concen: 84.539 ng
RT: 9.763 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

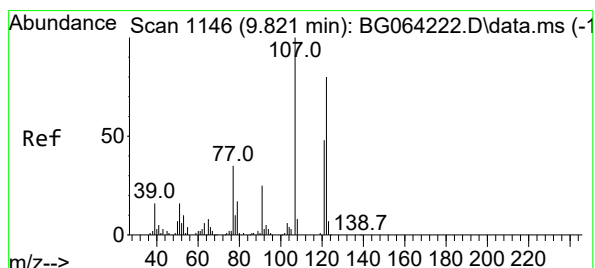
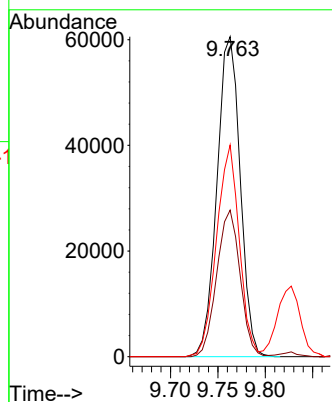
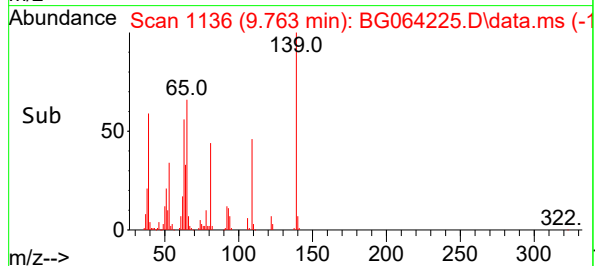
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:139 Resp: 103335
Ion Ratio Lower Upper
139 100
109 45.8 32.4 48.6
65 66.1 44.6 67.0

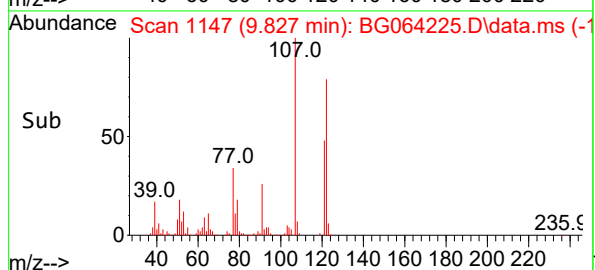
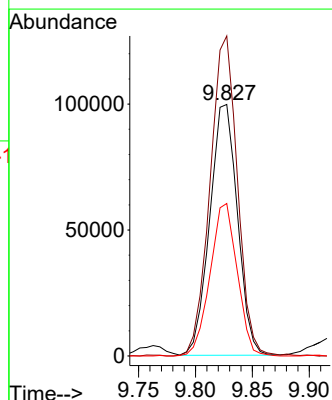
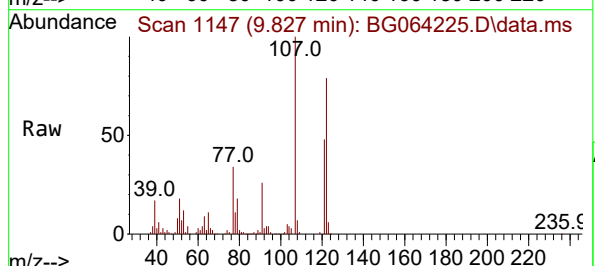
Manual Integrations
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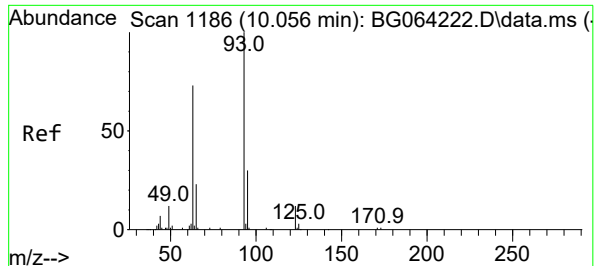
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#27
2,4-Dimethylphenol
Concen: 78.649 ng
RT: 9.827 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

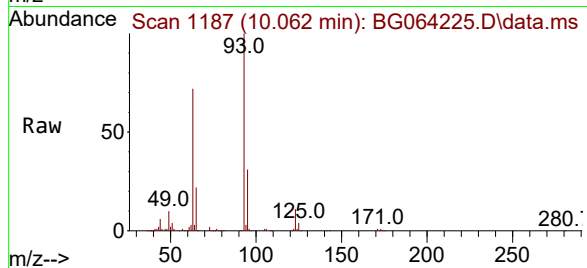
Tgt Ion:122 Resp: 168782
Ion Ratio Lower Upper
122 100
107 127.3 99.9 149.9
121 60.7 48.6 72.8





#28
bis(2-Chloroethoxy)methane
Concen: 77.887 ng
RT: 10.062 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

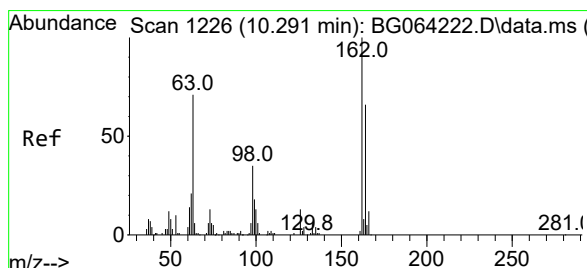
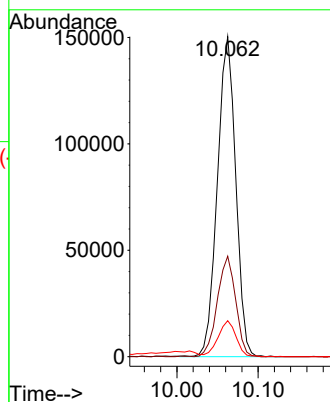
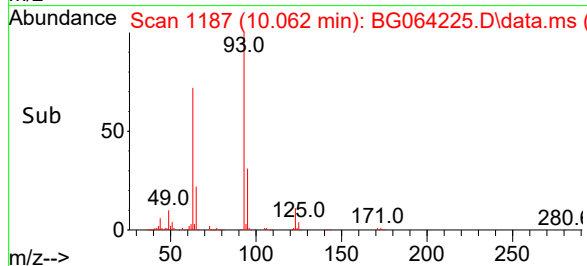
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 93 Resp: 23632
Ion Ratio Lower Upper
93 100
95 31.4 23.9 35.9
123 11.3 9.6 14.4

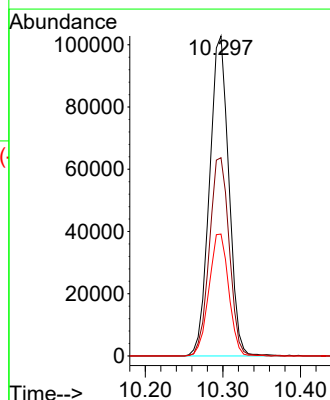
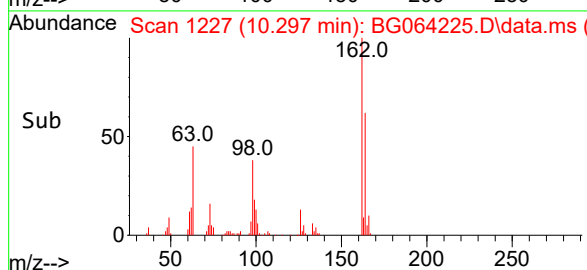
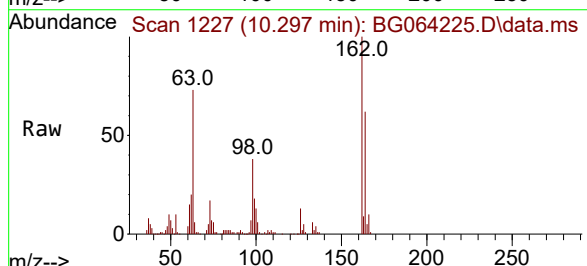
Manual Integrations
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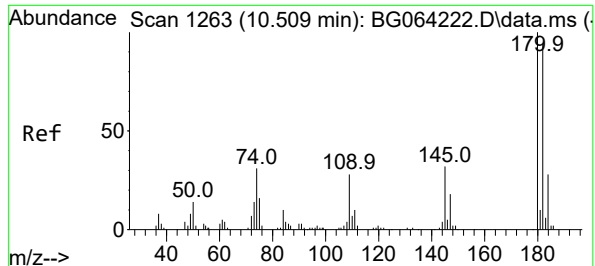
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#29
2,4-Dichlorophenol
Concen: 78.397 ng
RT: 10.297 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

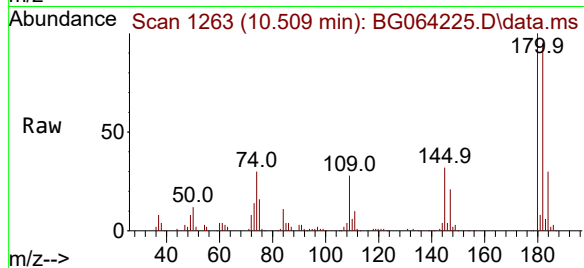
Tgt Ion:162 Resp: 177516
Ion Ratio Lower Upper
162 100
164 61.9 45.8 85.8
98 38.1 15.2 55.2





#30
1,2,4-Trichlorobenzene
Concen: 77.085 ng
RT: 10.509 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

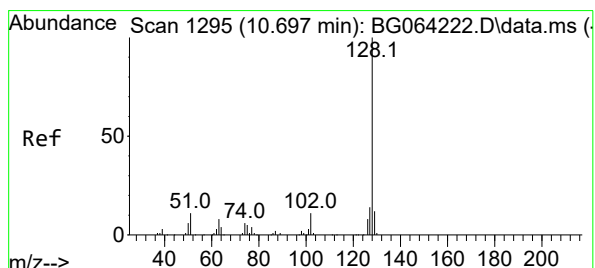
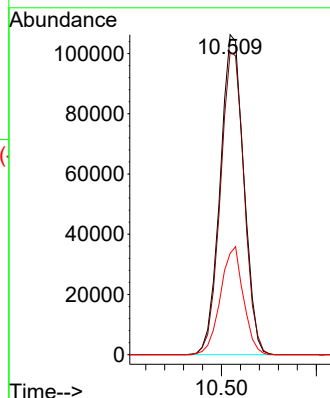
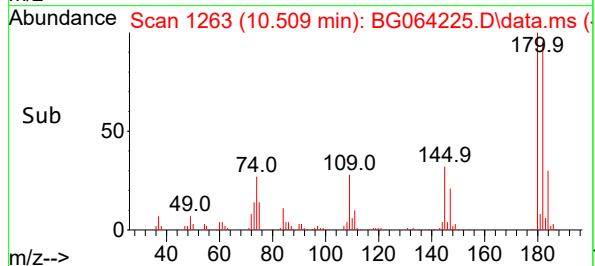
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:180 Resp: 184039
Ion Ratio Lower Upper
180 100
182 94.6 75.0 112.6
145 31.6 25.4 38.0

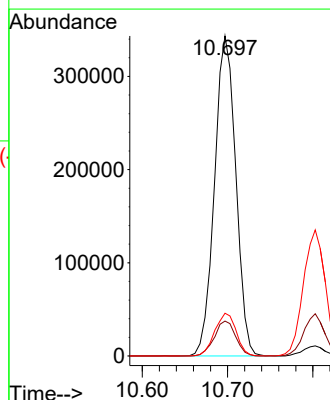
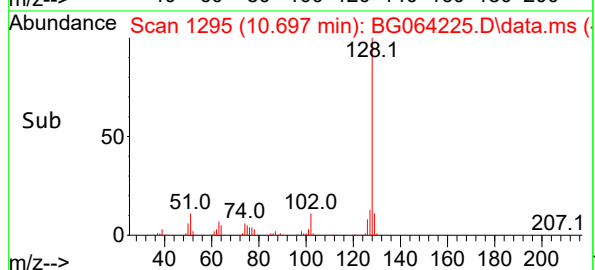
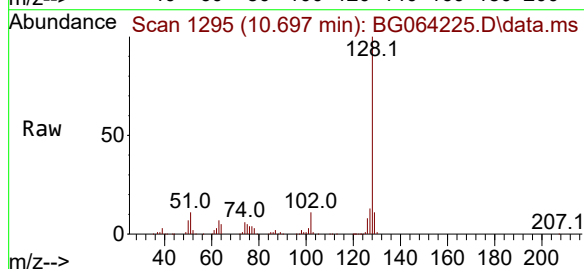
Manual Integrations
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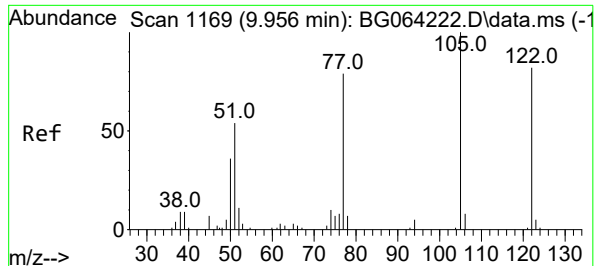
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#31
Naphthalene
Concen: 76.094 ng
RT: 10.697 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:128 Resp: 595827
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 13.4 10.9 16.3





#32

Benzoic acid

Concen: 86.767 ng m

RT: 10.015 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 147808

Ion Ratio Lower Upper

122 100

105 117.3 98.5 138.5

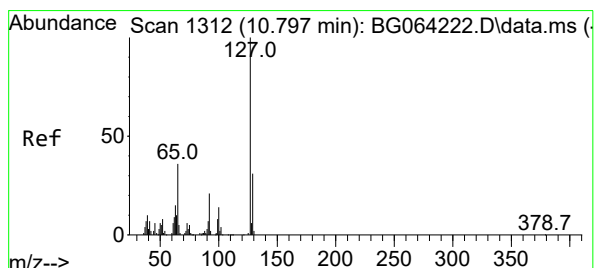
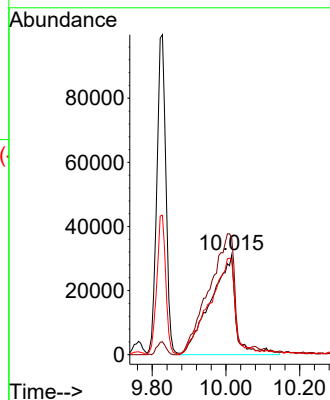
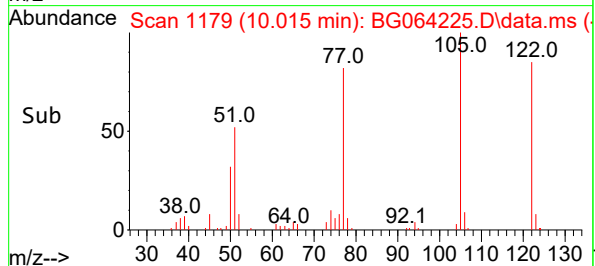
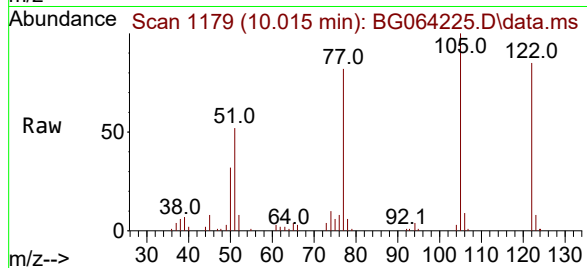
77 95.6 74.6 114.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#33

4-Chloroaniline

Concen: 79.915 ng

RT: 10.803 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Tgt Ion:127 Resp: 242526

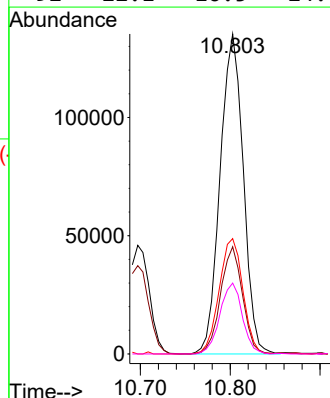
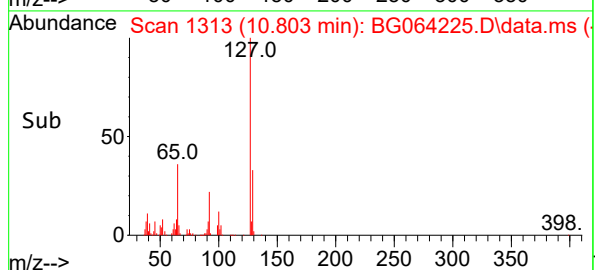
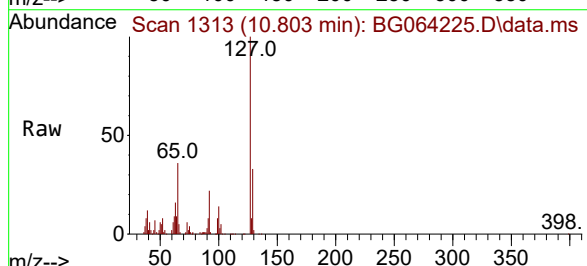
Ion Ratio Lower Upper

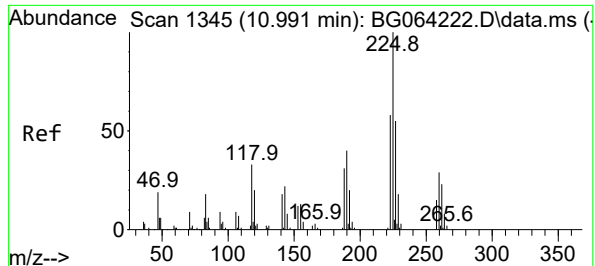
127 100

129 33.5 25.0 37.4

65 36.1 28.7 43.1

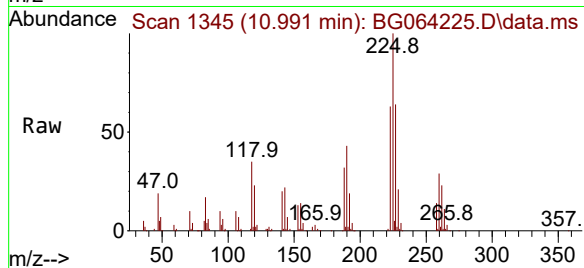
92 22.1 16.5 24.7





#34
Hexachlorobutadiene
Concen: 76.987 ng
RT: 10.991 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

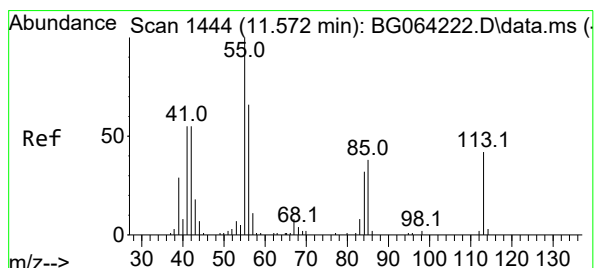
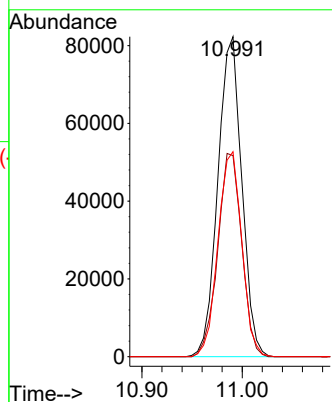
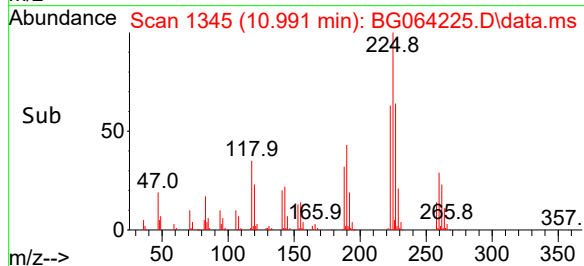
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



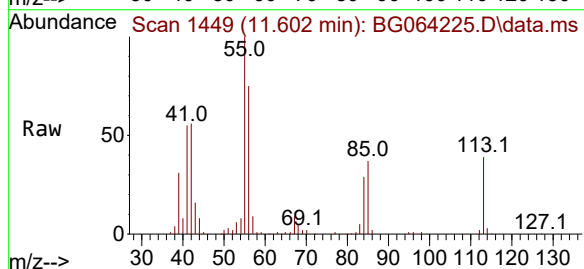
Tgt Ion:225 Resp: 13586
Ion Ratio Lower Upper
225 100
223 62.9 46.5 69.7
227 64.0 44.1 66.1

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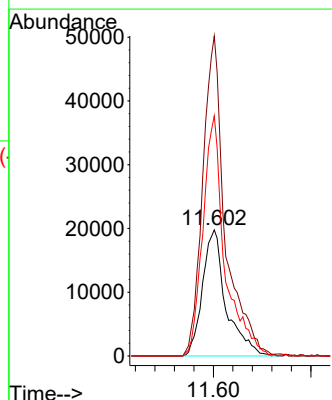
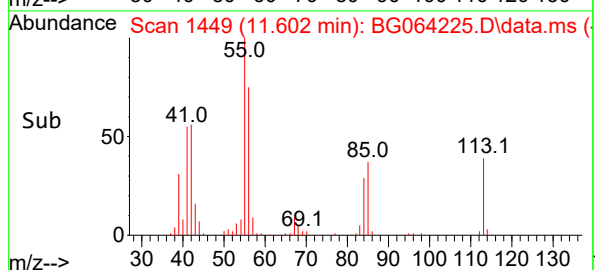
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

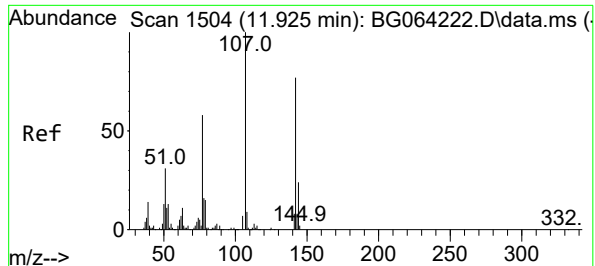


#35
Caprolactam
Concen: 75.695 ng
RT: 11.602 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16



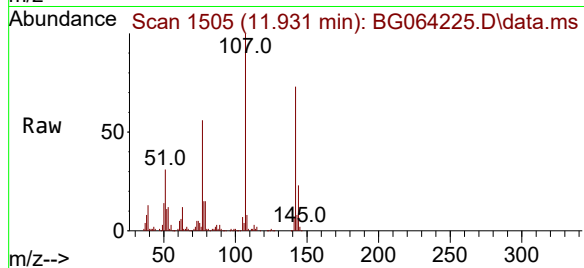
Tgt Ion:113 Resp: 66367
Ion Ratio Lower Upper
113 100
55 253.7 218.5 258.5
56 190.4 138.5 178.5#





#36
4-Chloro-3-methylphenol
Concen: 78.708 ng
RT: 11.931 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

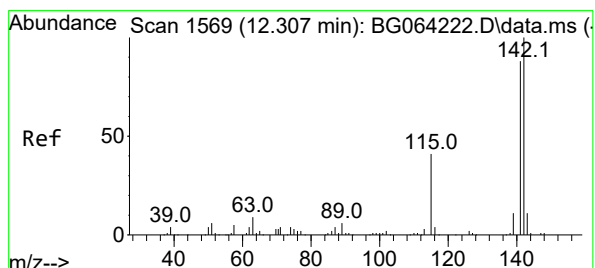
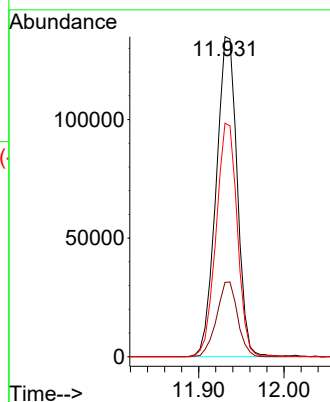
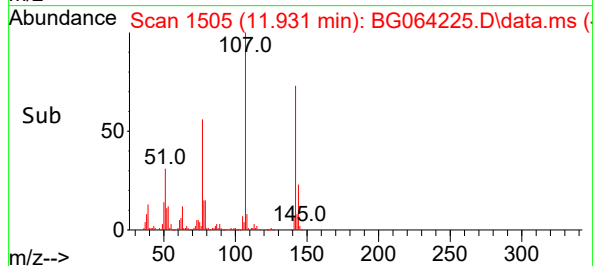
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:107 Resp: 231233
Ion Ratio Lower Upper
107 100
144 23.2 19.5 29.3
142 73.0 62.0 93.0

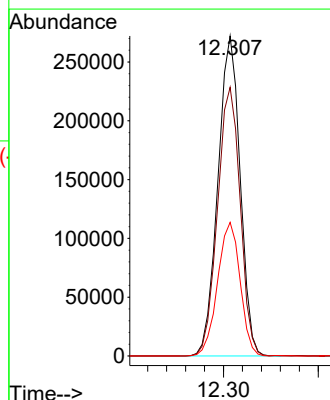
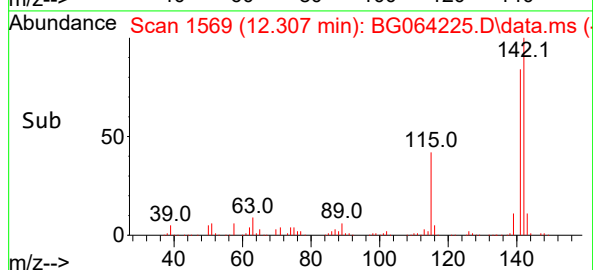
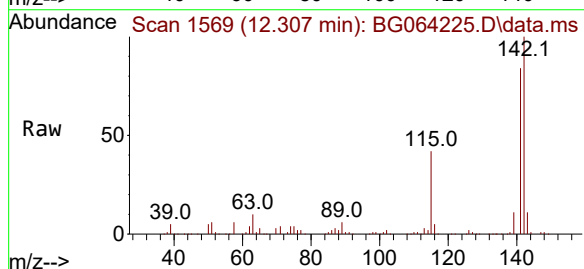
Manual Integrations
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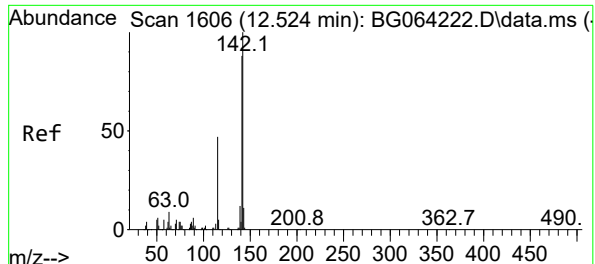
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#37
2-Methylnaphthalene
Concen: 76.128 ng
RT: 12.307 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:142 Resp: 443073
Ion Ratio Lower Upper
142 100
141 84.0 70.1 105.1
115 41.8 33.1 49.7





#38

1-Methylnaphthalene

Concen: 75.825 ng

RT: 12.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:142 Resp: 43589

Ion Ratio Lower Upper

142 100

141 83.9 70.3 105.5

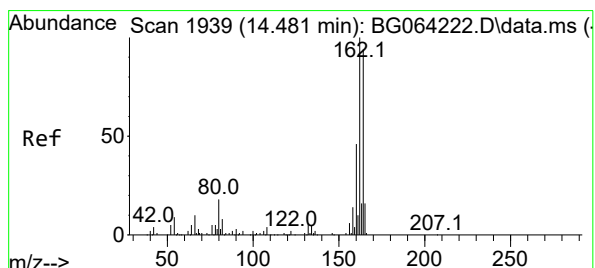
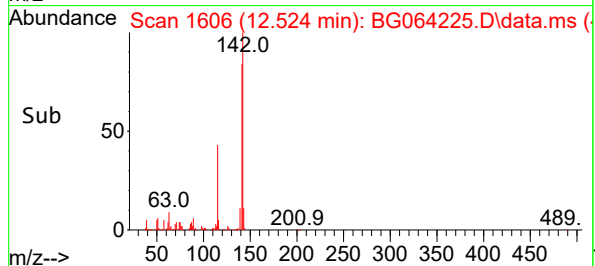
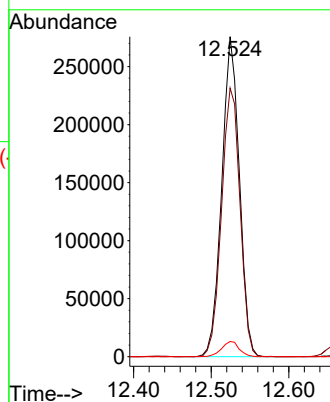
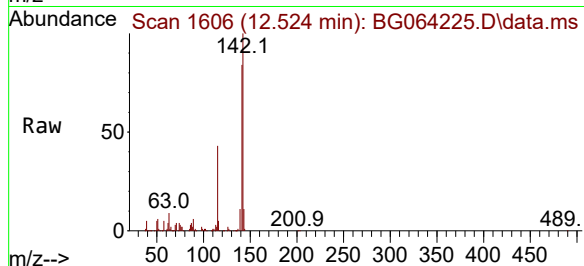
116 4.8 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.481 min Scan# 1939

Delta R.T. -0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

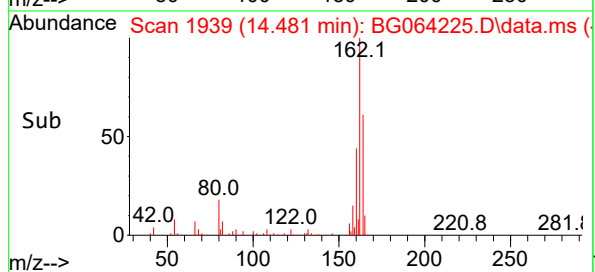
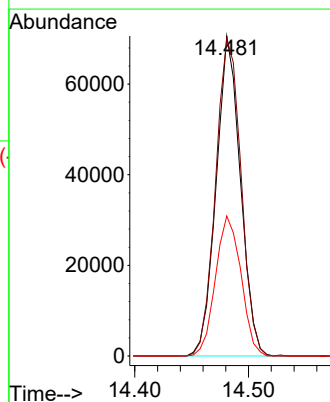
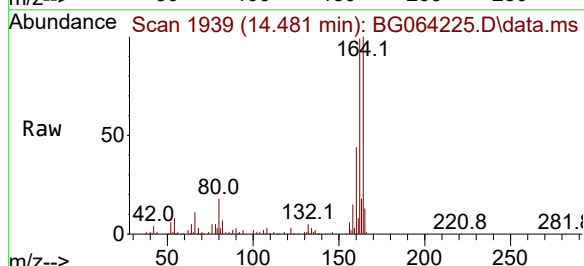
Tgt Ion:164 Resp: 104548

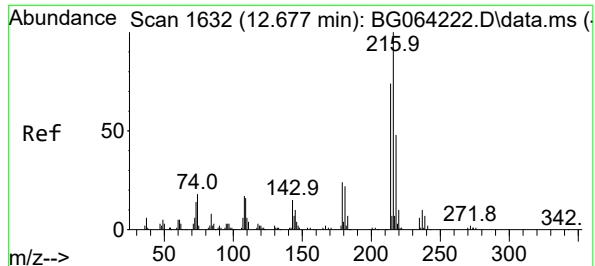
Ion Ratio Lower Upper

164 100

162 99.2 85.4 128.0

160 43.8 39.2 58.8





#40

1,2,4,5-Tetrachlorobenzene

Concen: 79.906 ng

RT: 12.677 min Scan# 1632

Delta R.T. 0.000 min

Lab File: BG064225.D

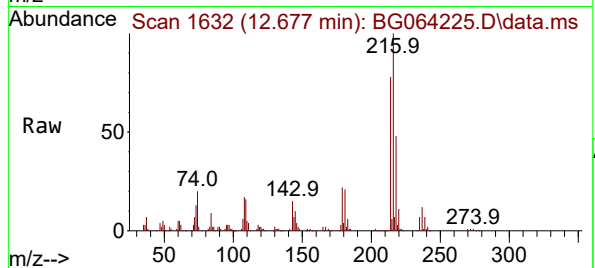
Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



Tgt Ion:216 Resp: 241038

Ion Ratio Lower Upper

216 100

214 77.8 61.9 92.9

179 22.1 17.9 26.9

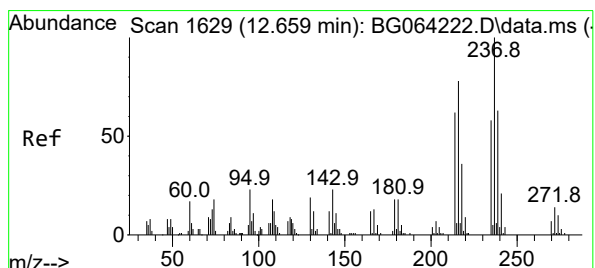
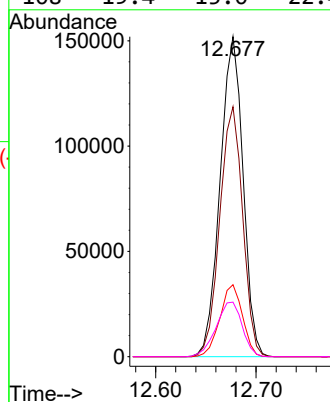
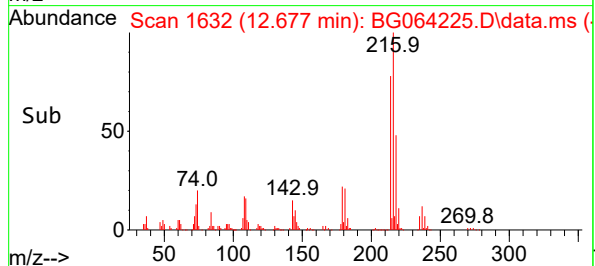
108 19.4 15.0 22.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#41

Hexachlorocyclopentadiene

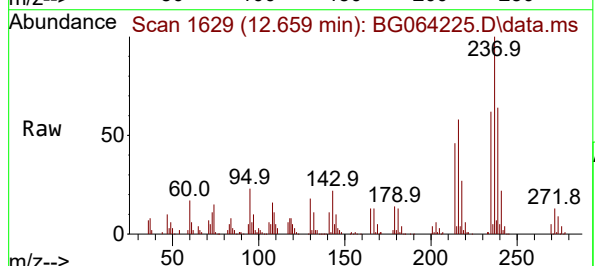
Concen: 86.438 ng

RT: 12.659 min Scan# 1629

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16



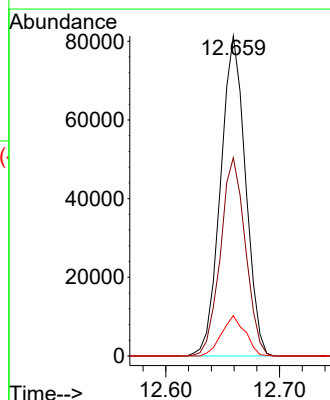
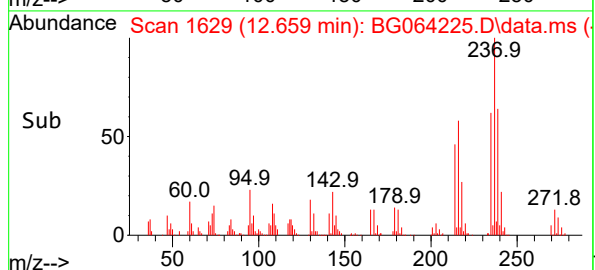
Tgt Ion:237 Resp: 123923

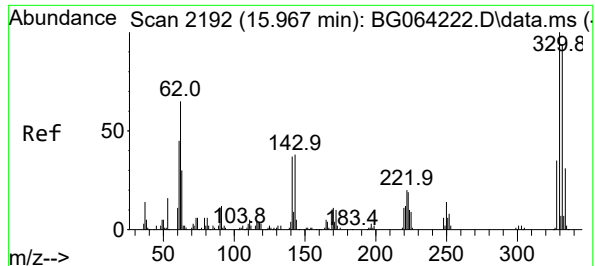
Ion Ratio Lower Upper

237 100

235 62.0 37.9 77.9

272 12.6 0.0 33.8





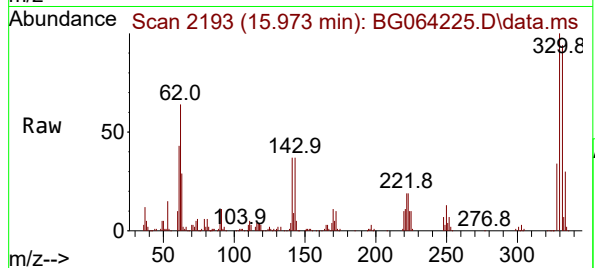
#42
2,4,6-Tribromophenol
Concen: 152.168 ng
RT: 15.973 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

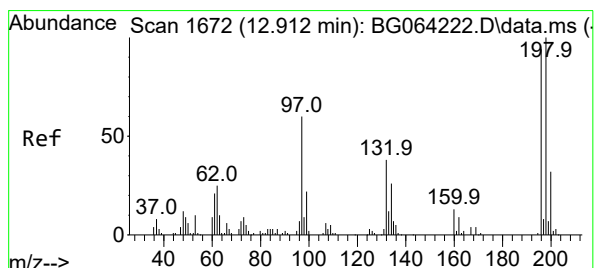
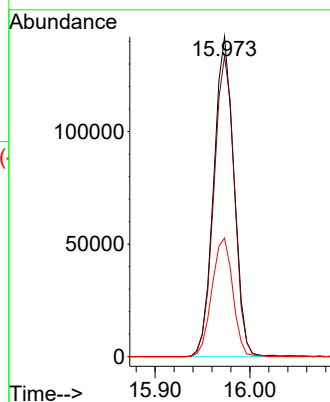
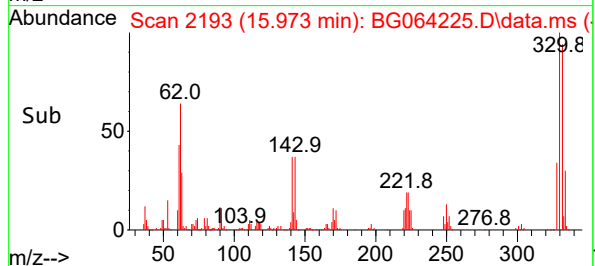


Tgt Ion:330 Resp: 210720
Ion Ratio Lower Upper
330 100
332 95.8 77.6 116.4
141 38.3 29.8 44.6

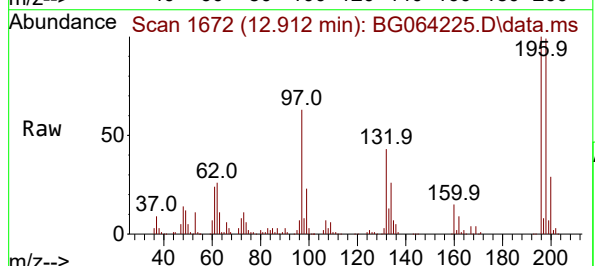
Manual Integrations

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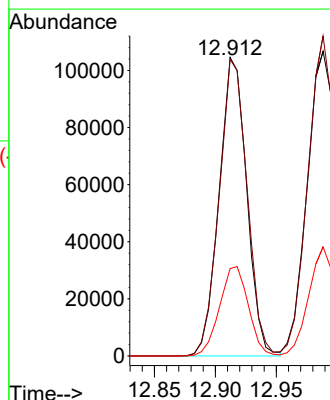
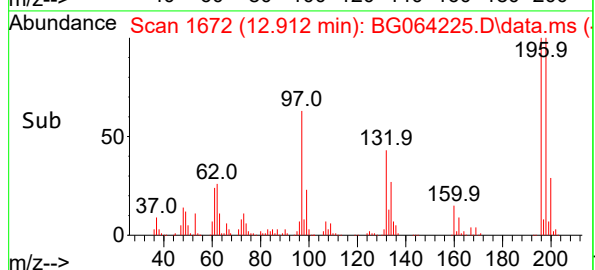
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

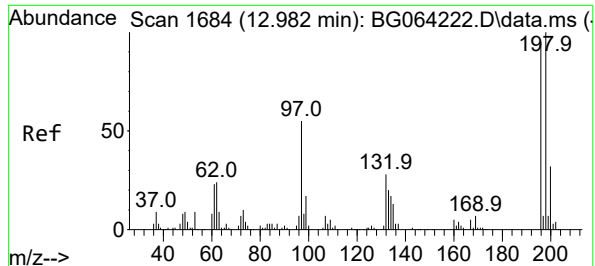


#43
2,4,6-Trichlorophenol
Concen: 81.670 ng
RT: 12.912 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16



Tgt Ion:196 Resp: 164665
Ion Ratio Lower Upper
196 100
198 99.4 85.4 128.2
200 29.2 27.3 40.9





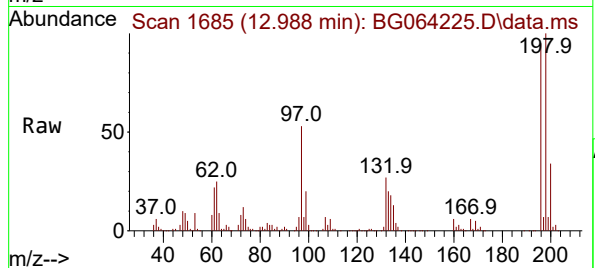
#44
2,4,5-Trichlorophenol
Concen: 80.969 ng
RT: 12.988 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



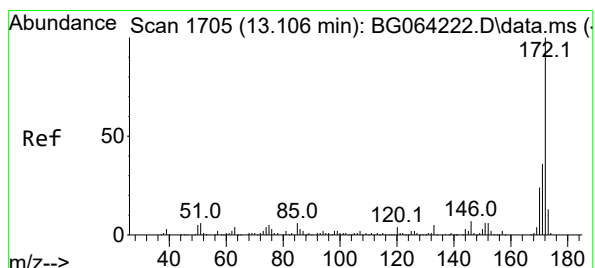
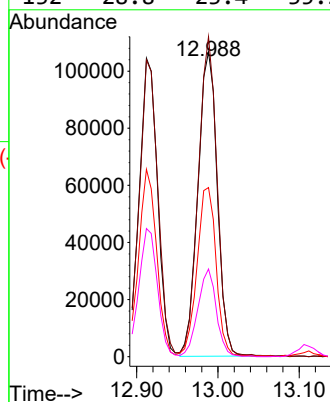
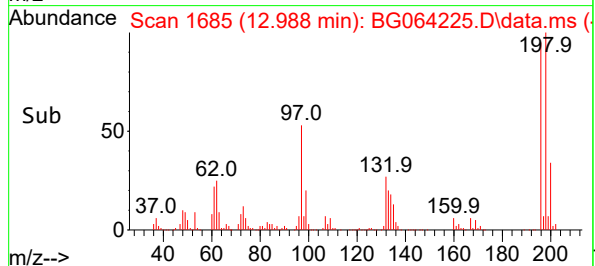
Tgt Ion:196 Resp: 177089
Ion Ratio Lower Upper
196 100
198 105.0 84.5 126.7
97 55.5 46.8 70.2
132 28.8 23.4 35.2

Manual Integrations

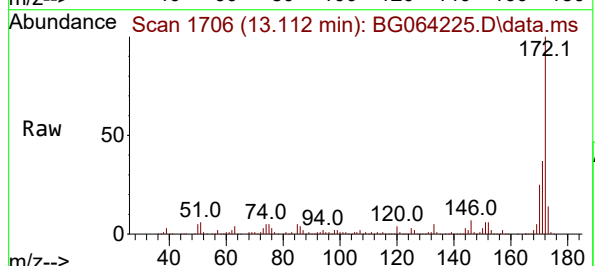
APPROVED

Reviewed By :Rahul Chavli 08/29/2025

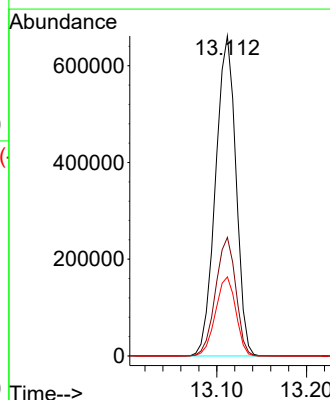
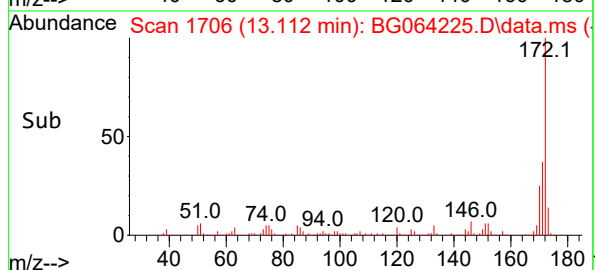
Supervised By :Jagrut Upadhyay 08/29/2025

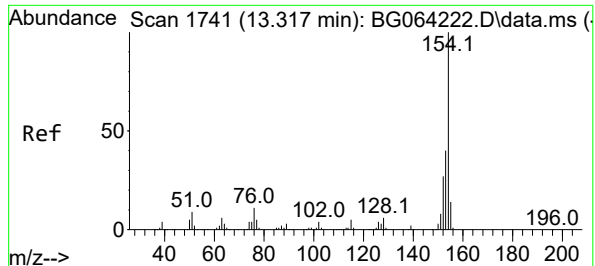


#45
2-Fluorobiphenyl
Concen: 151.875 ng
RT: 13.112 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16



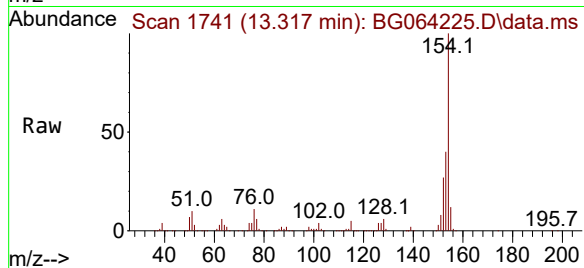
Tgt Ion:172 Resp: 1040275
Ion Ratio Lower Upper
172 100
171 37.1 28.7 43.1
170 24.7 19.0 28.6





#46
1,1'-Biphenyl
Concen: 78.203 ng
RT: 13.317 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

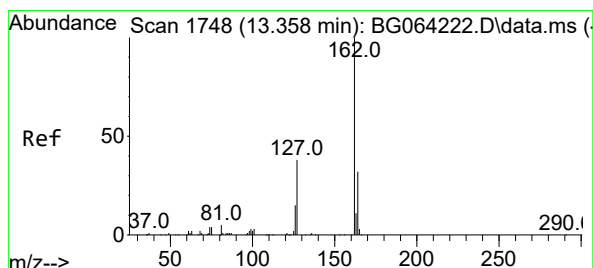
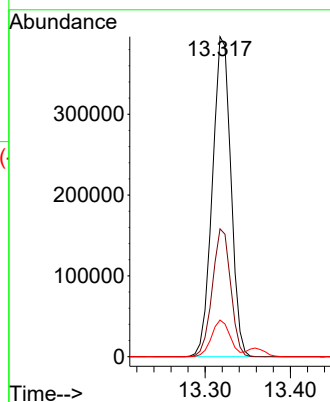
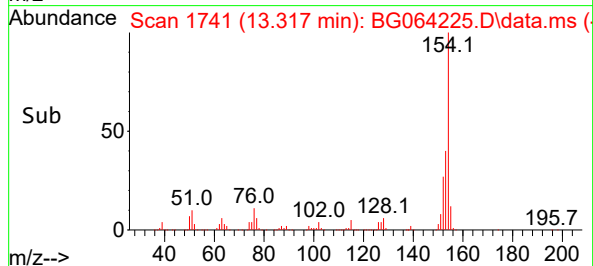
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



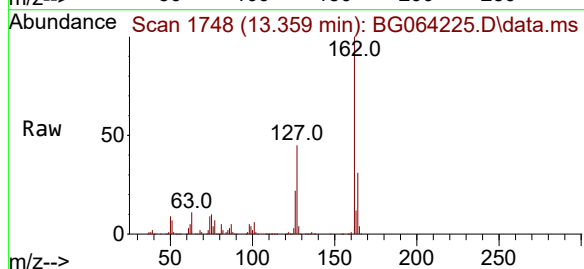
Tgt Ion:154 Resp: 595490
Ion Ratio Lower Upper
154 100
153 40.0 19.9 59.9
76 11.4 0.0 30.9

Manual Integrations
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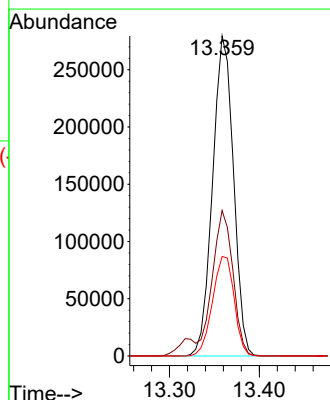
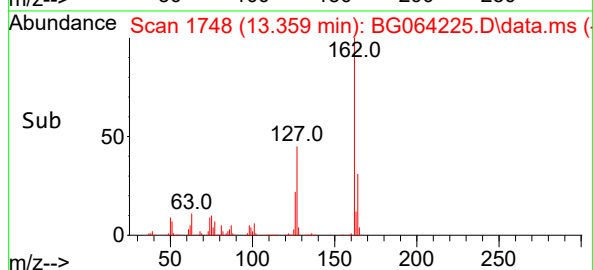
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

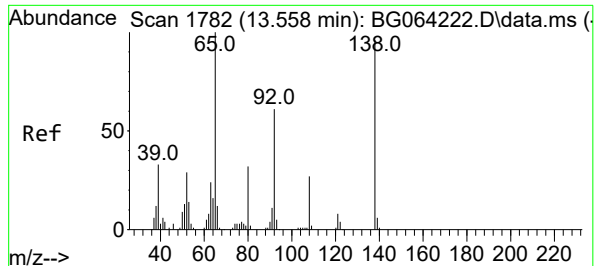


#47
2-Chloronaphthalene
Concen: 78.784 ng
RT: 13.359 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16



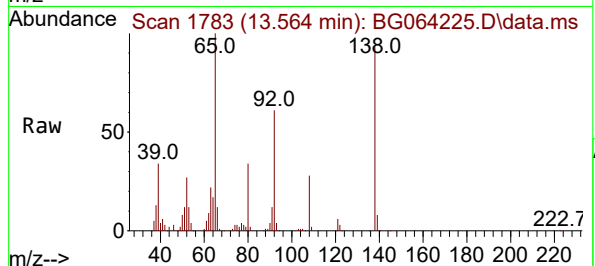
Tgt Ion:162 Resp: 451011
Ion Ratio Lower Upper
162 100
127 45.5 33.9 50.9
164 31.1 25.4 38.2





#48
2-Nitroaniline
Concen: 85.067 ng
RT: 13.564 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

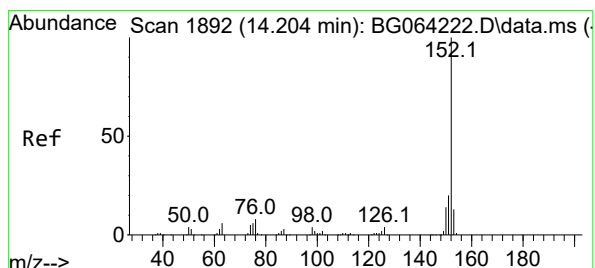
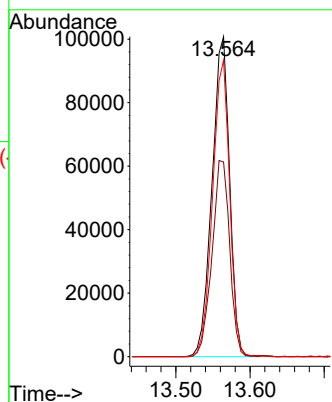
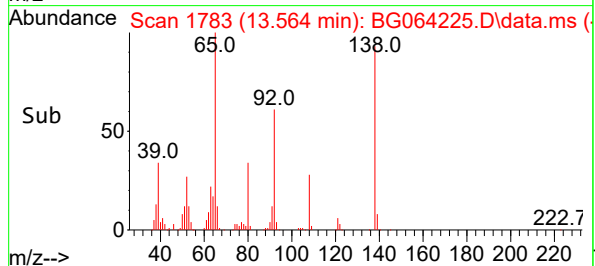
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



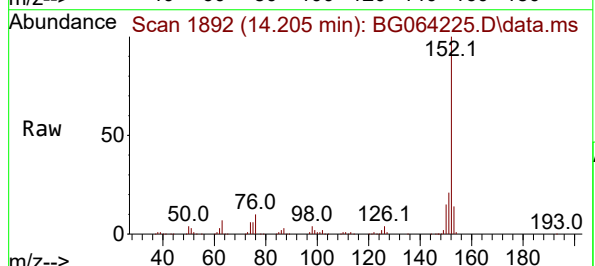
Tgt Ion: 65 Resp: 16598
Ion Ratio Lower Upper
65 100
92 60.8 49.2 73.8
138 92.6 76.8 115.2

Manual Integrations
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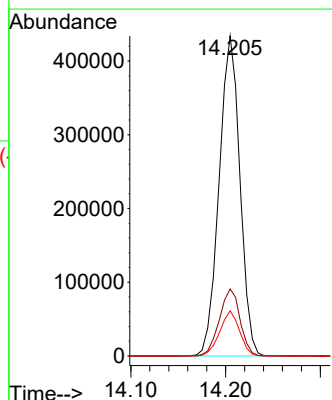
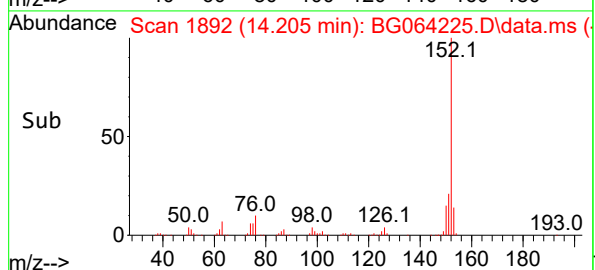
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

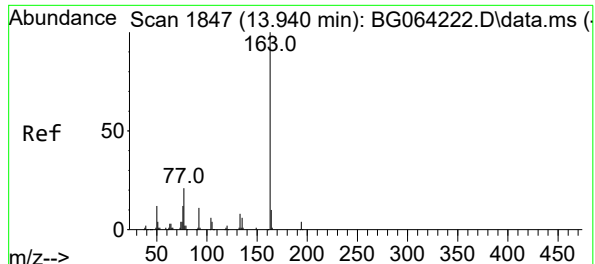


#49
Acenaphthylene
Concen: 78.084 ng
RT: 14.205 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16



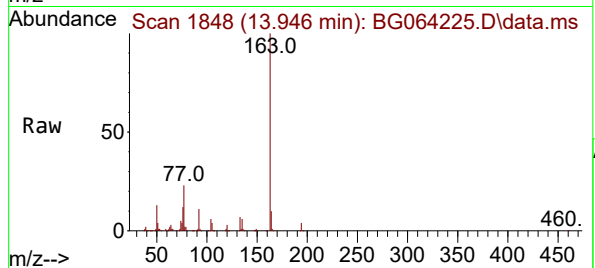
Tgt Ion:152 Resp: 660780
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.2
153 14.1 10.1 15.1





#50
Dimethylphthalate
Concen: 74.892 ng
RT: 13.946 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

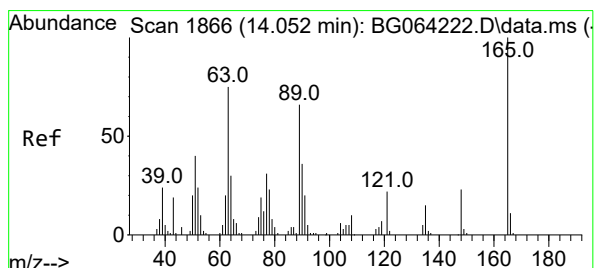
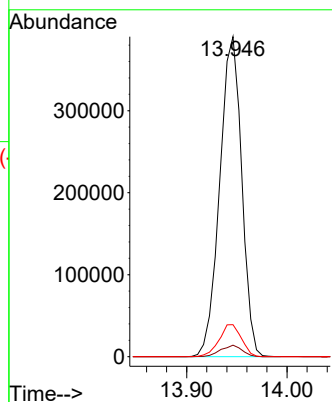
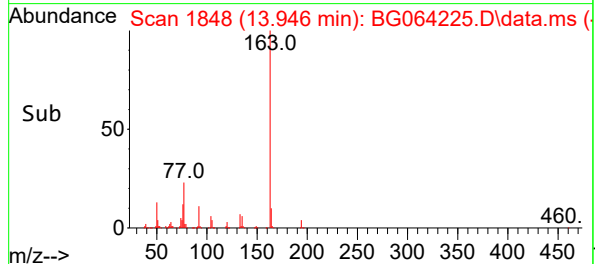
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:163 Resp: 59265
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.0 7.9 11.9

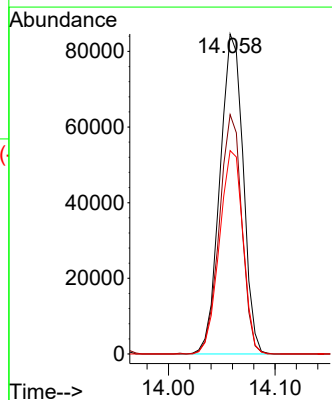
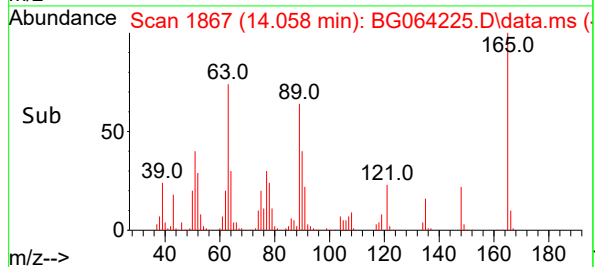
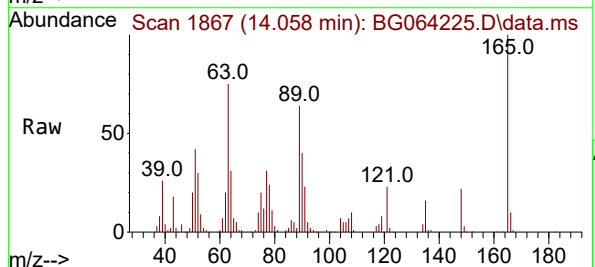
Manual Integrations
APPROVED

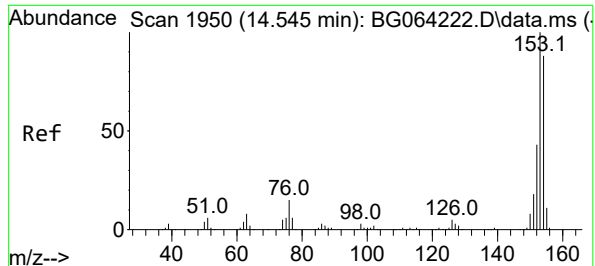
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#51
2,6-Dinitrotoluene
Concen: 83.231 ng
RT: 14.058 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

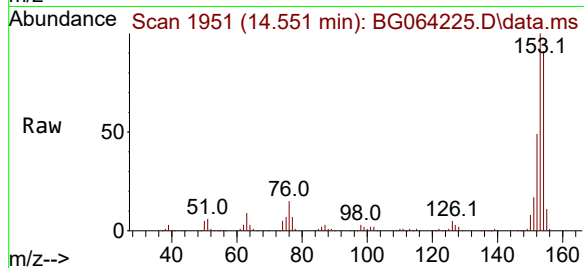
Tgt Ion:165 Resp: 127509
Ion Ratio Lower Upper
165 100
63 74.8 60.3 90.5
89 63.5 52.9 79.3





#52
Acenaphthene
Concen: 76.655 ng
RT: 14.551 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

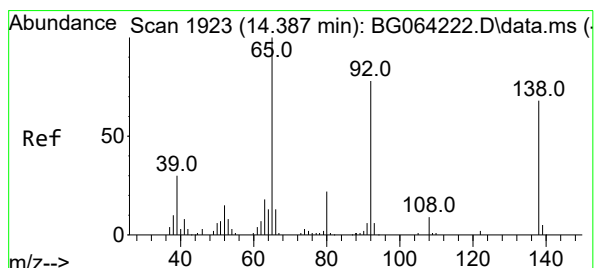
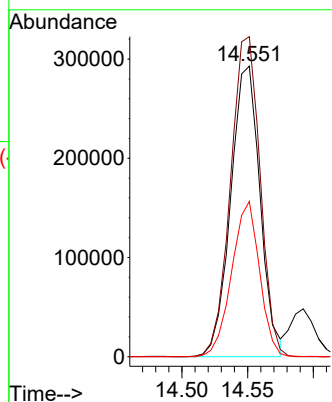
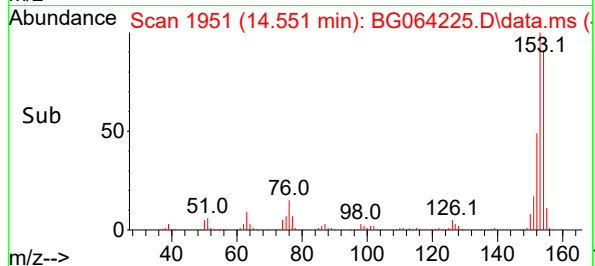
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:154 Resp: 45778
Ion Ratio Lower Upper
154 100
153 110.1 91.1 136.7
152 53.4 39.6 59.4

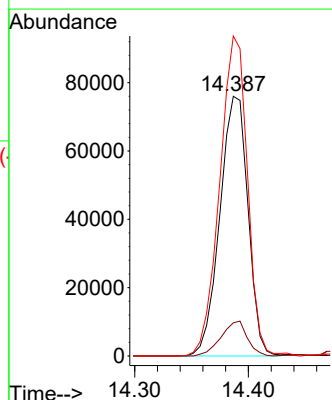
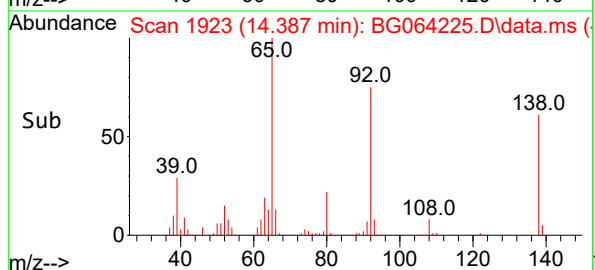
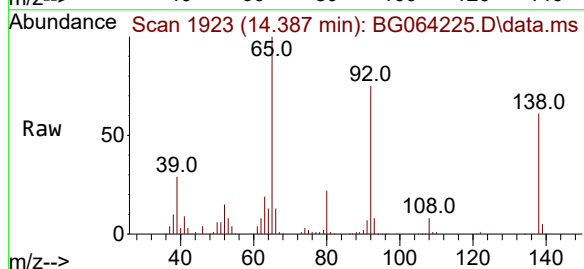
Manual Integrations
APPROVED

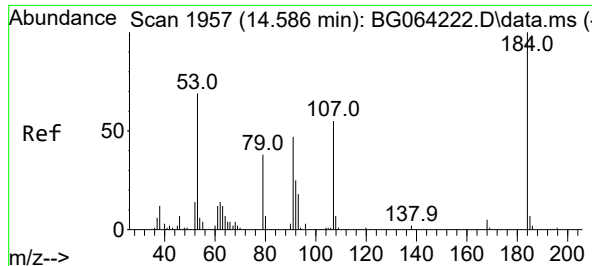
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#53
3-Nitroaniline
Concen: 81.316 ng
RT: 14.387 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:138 Resp: 130491
Ion Ratio Lower Upper
138 100
108 12.8 11.0 16.6
92 123.2 91.4 137.0





#54

2,4-Dinitrophenol

Concen: 79.247 ng

RT: 14.592 min Scan# 1957

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:184 Resp: 7926

Ion Ratio Lower Upper

184 100

63 83.8 60.1 90.1

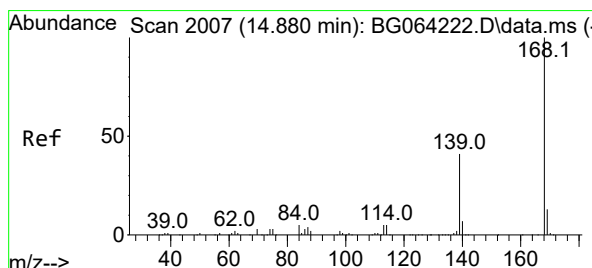
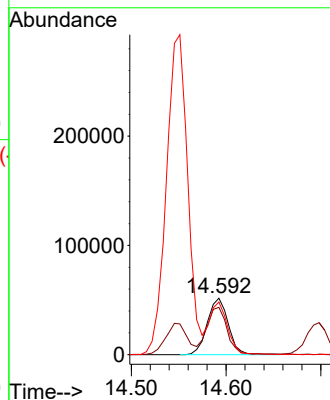
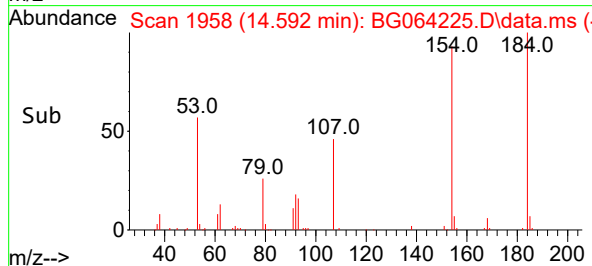
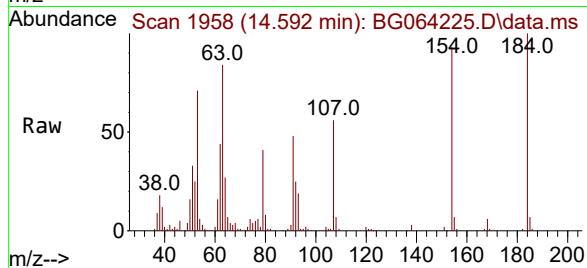
154 93.2 59.8 89.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#55

Dibenzofuran

Concen: 76.654 ng

RT: 14.880 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

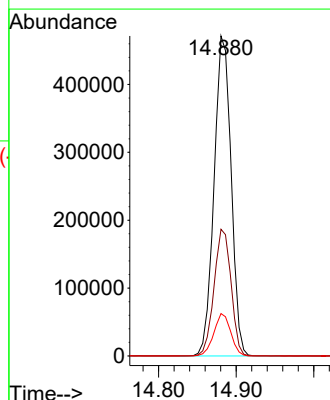
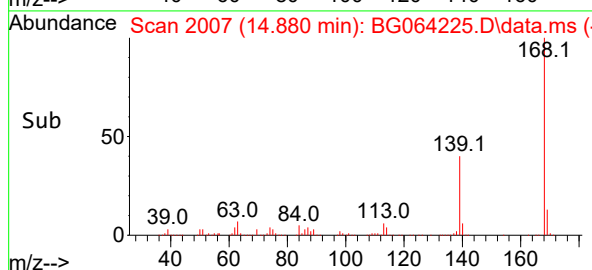
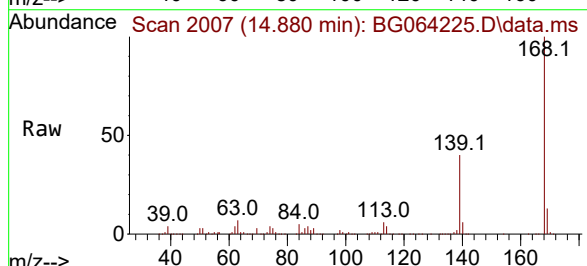
Tgt Ion:168 Resp: 720048

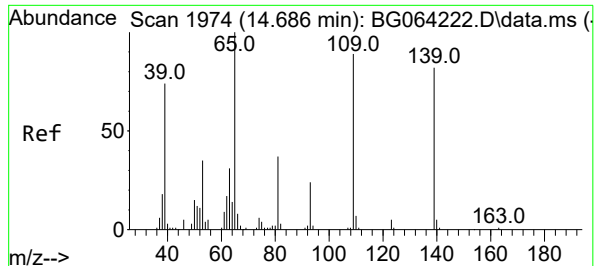
Ion Ratio Lower Upper

168 100

139 39.6 33.2 49.8

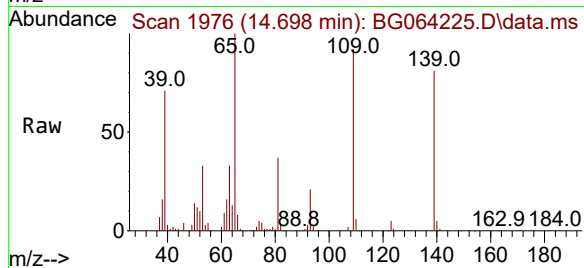
169 13.2 10.4 15.6





#56
4-Nitrophenol
Concen: 83.646 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

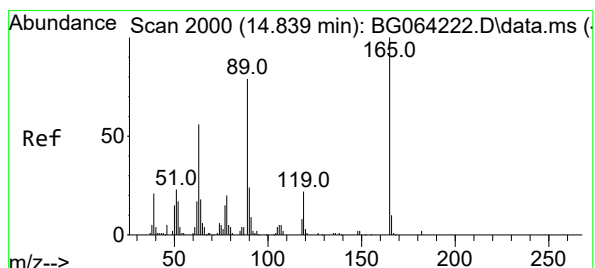
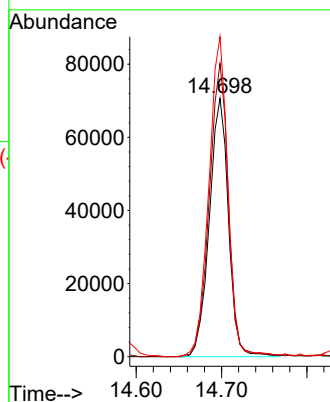
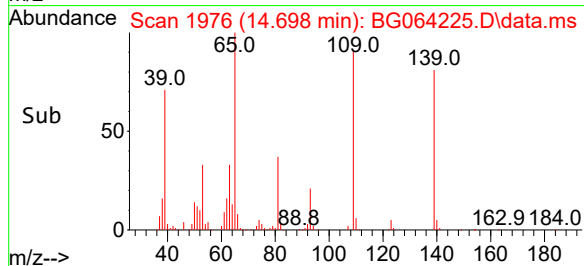
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:139 Resp: 110109
Ion Ratio Lower Upper
139 100
109 113.5 89.1 129.1
65 123.8 102.9 142.9

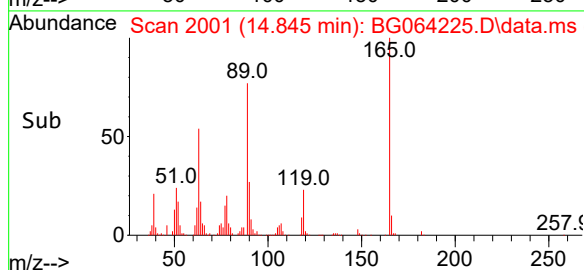
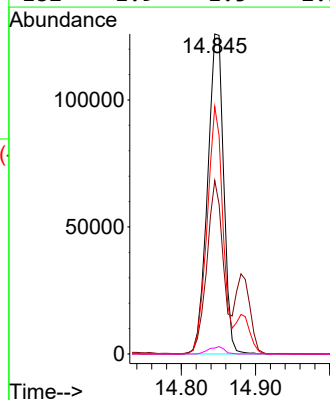
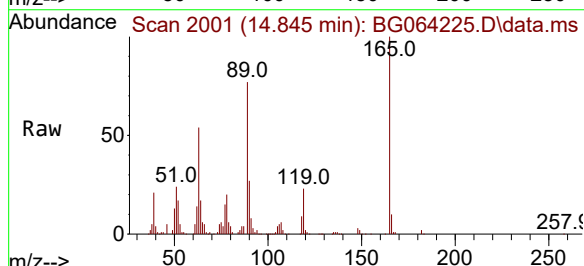
Manual Integrations
APPROVED

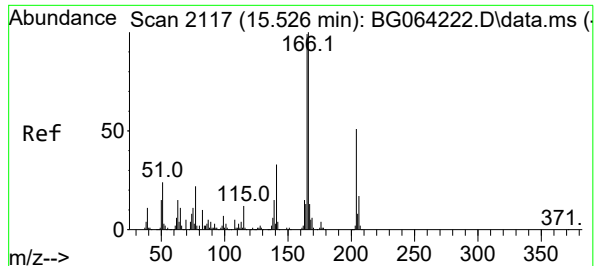
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#57
2,4-Dinitrotoluene
Concen: 82.112 ng
RT: 14.845 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

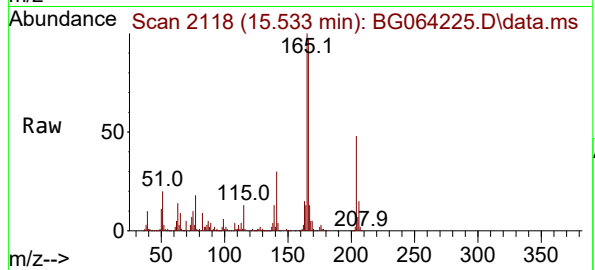
Tgt Ion:165 Resp: 190202
Ion Ratio Lower Upper
165 100
63 54.2 44.6 67.0
89 77.3 63.0 94.4
182 1.9 1.5 2.3





#58
Fluorene
Concen: 74.567 ng
RT: 15.533 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

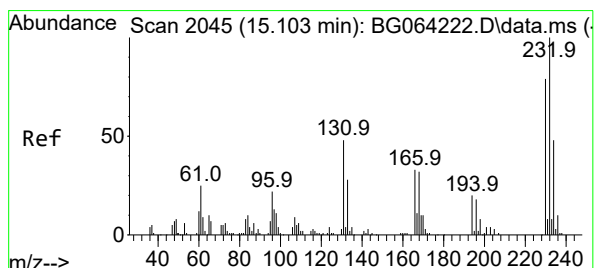
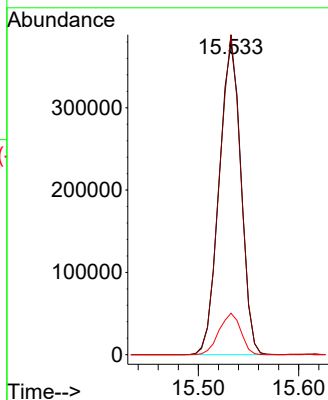
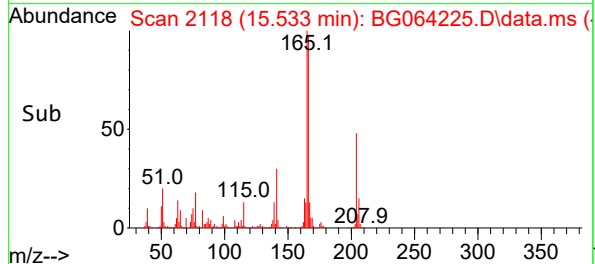
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:166 Resp: 574100
Ion Ratio Lower Upper
166 100
165 102.9 79.1 118.7
167 13.3 10.2 15.4

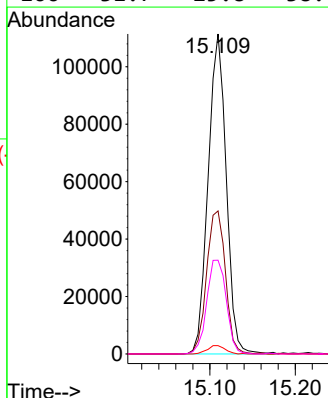
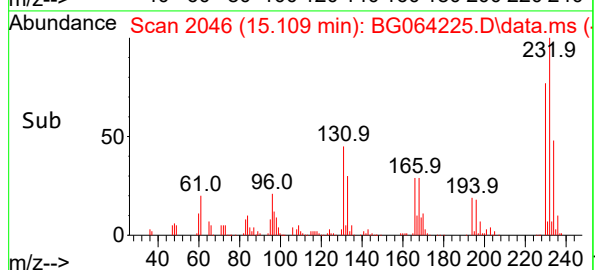
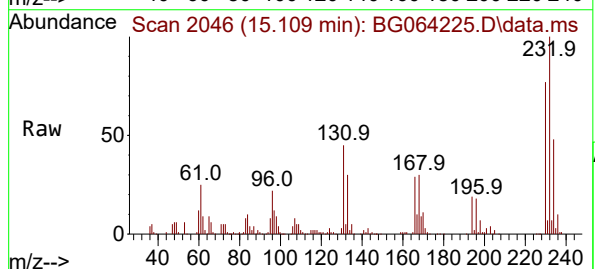
Manual Integrations
APPROVED

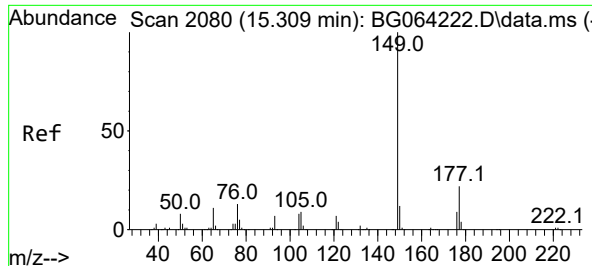
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 78.076 ng
RT: 15.109 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

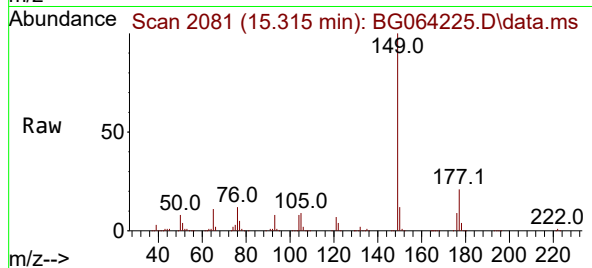
Tgt Ion:232 Resp: 164241
Ion Ratio Lower Upper
232 100
131 46.6 37.1 55.7
130 2.6 2.6 3.8
166 31.7 25.8 38.6





#60
Diethylphthalate
Concen: 74.841 ng
RT: 15.315 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

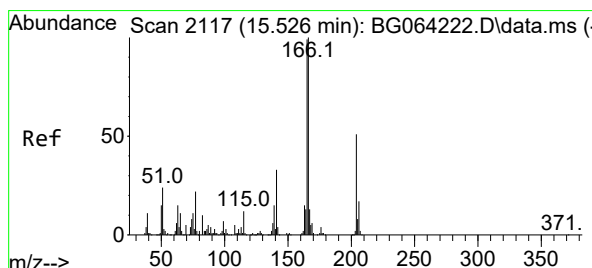
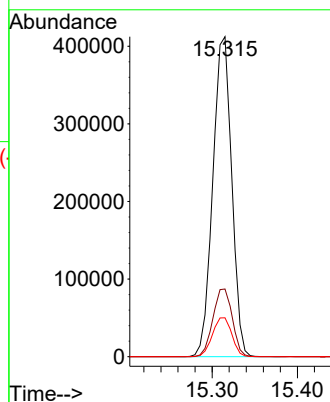
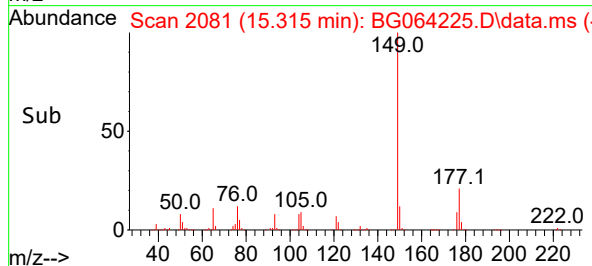
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 63383
Ion Ratio Lower Upper
149 100
177 21.2 17.5 26.3
150 12.2 9.9 14.9

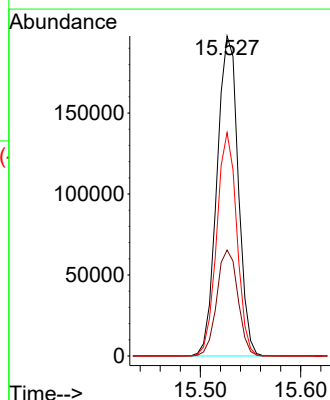
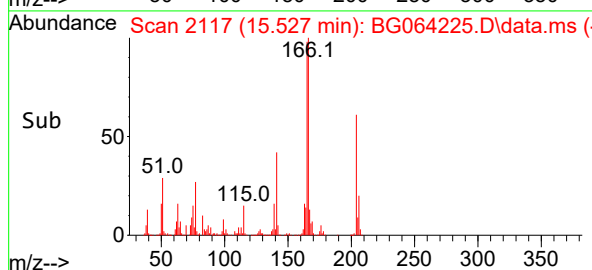
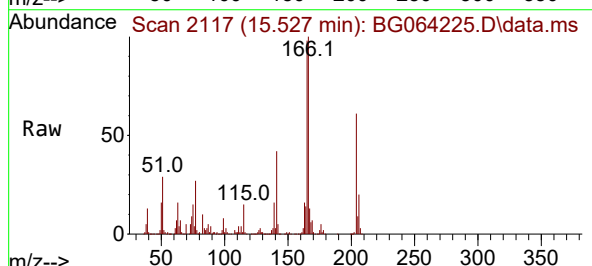
Manual Integrations
APPROVED

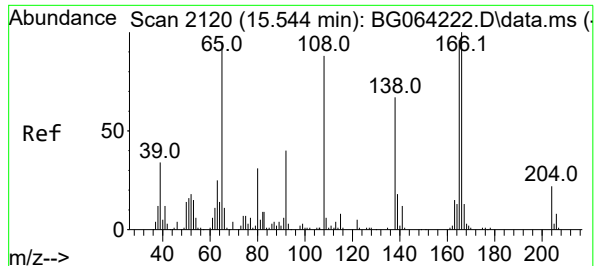
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#61
4-Chlorophenyl-phenylether
Concen: 75.511 ng
RT: 15.527 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:204 Resp: 289860
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.4
141 69.8 51.9 77.9





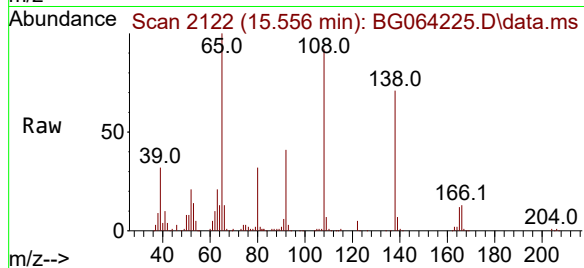
#62
4-Nitroaniline
Concen: 83.062 ng
RT: 15.556 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

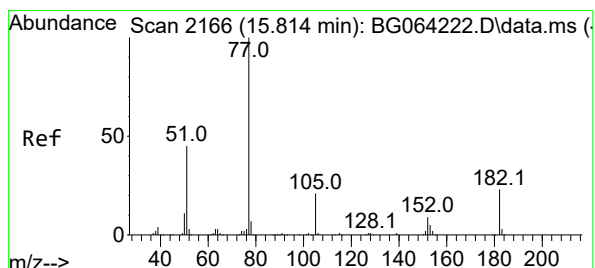
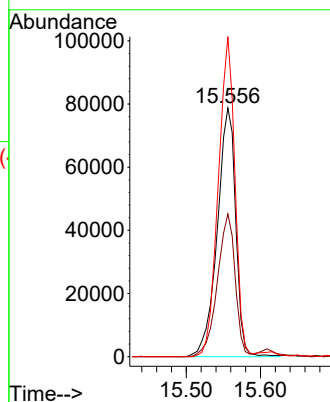
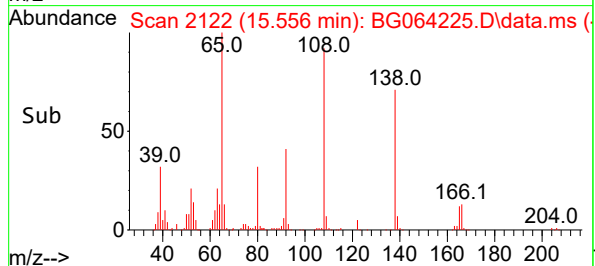


Tgt Ion:138 Resp: 136014
Ion Ratio Lower Upper
138 100
92 57.4 39.1 79.1
108 128.7 111.3 151.3

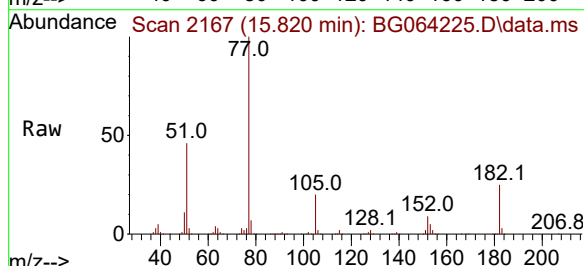
Manual Integrations

APPROVED

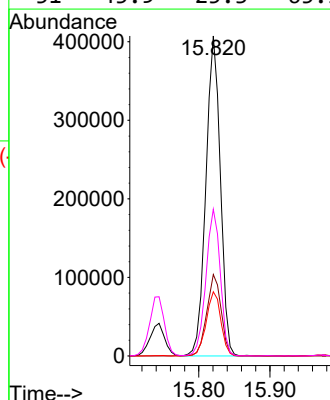
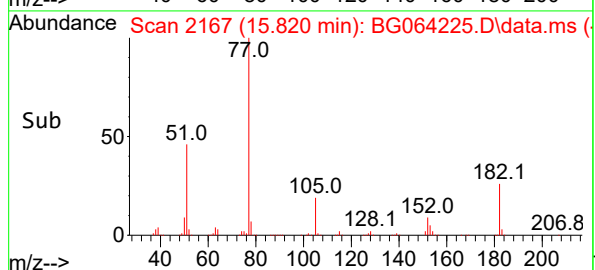
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

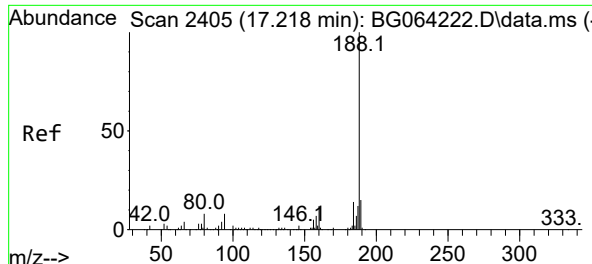


#63
Azobenzene
Concen: 76.529 ng
RT: 15.820 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16



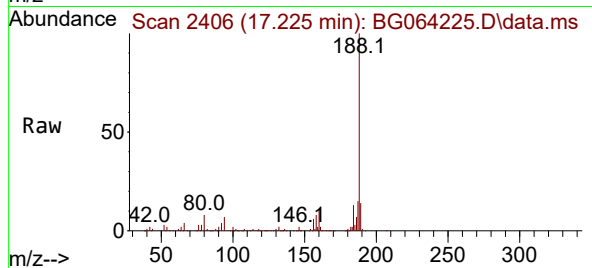
Tgt Ion: 77 Resp: 577669
Ion Ratio Lower Upper
77 100
182 25.4 3.3 43.3
105 20.1 0.6 40.6
51 45.9 25.3 65.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

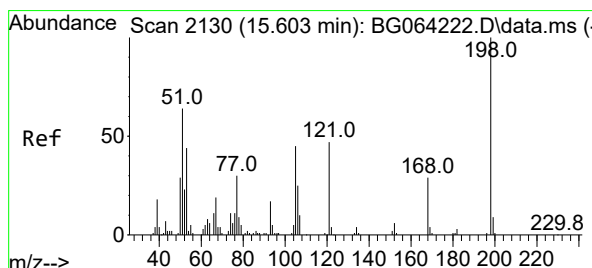
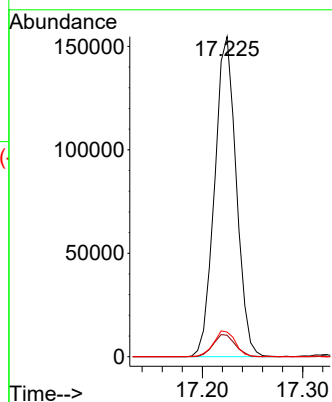
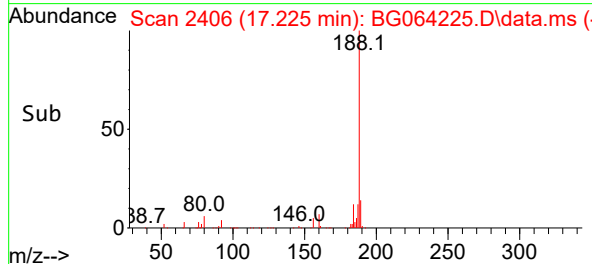
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



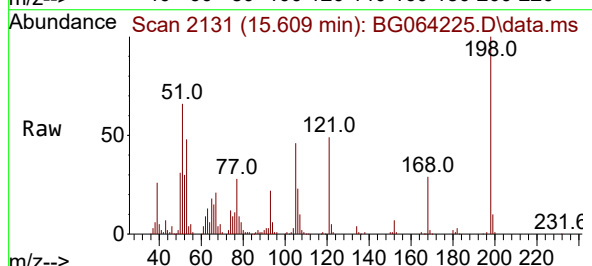
Tgt Ion:188 Resp: 231385
Ion Ratio Lower Upper
188 100
94 6.7 6.2 9.4
80 7.7 6.8 10.2

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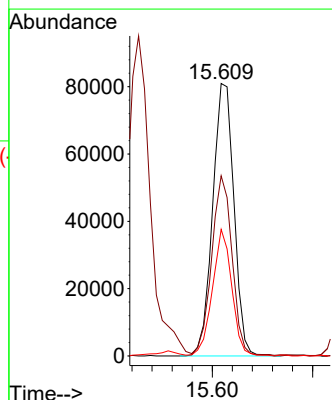
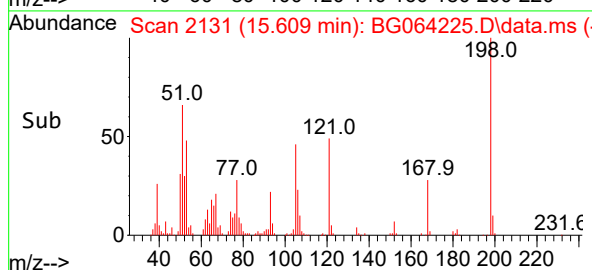
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

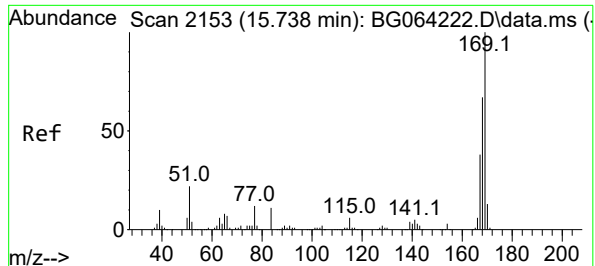


#65
4,6-Dinitro-2-methylphenol
Concen: 89.493 ng
RT: 15.609 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16



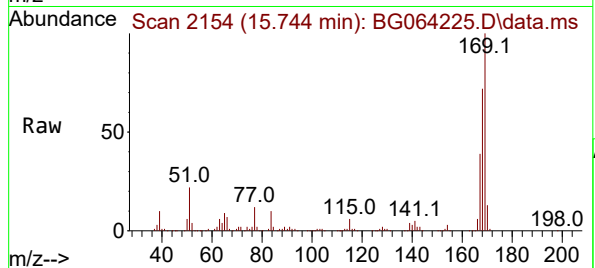
Tgt Ion:198 Resp: 118887
Ion Ratio Lower Upper
198 100
51 66.1 46.2 86.2
105 46.5 25.0 65.0





#66
n-Nitrosodiphenylamine
Concen: 78.764 ng
RT: 15.744 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

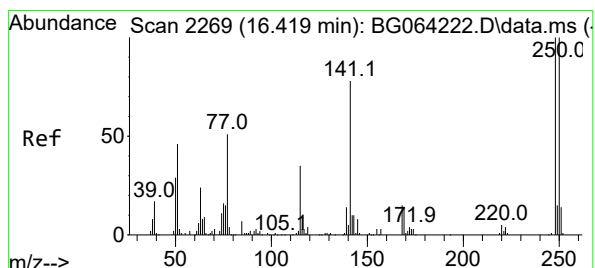
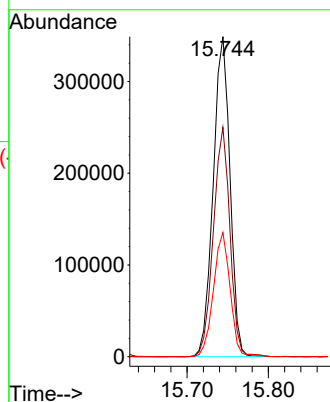
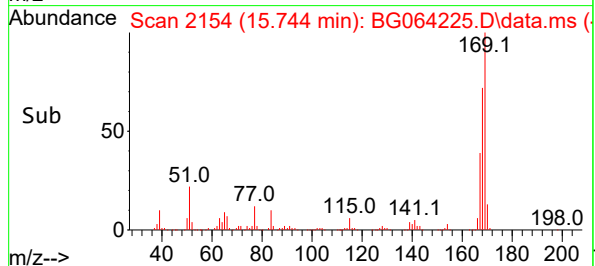
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:169 Resp: 501350
Ion Ratio Lower Upper
169 100
168 71.6 53.8 80.8
167 38.8 30.2 45.2

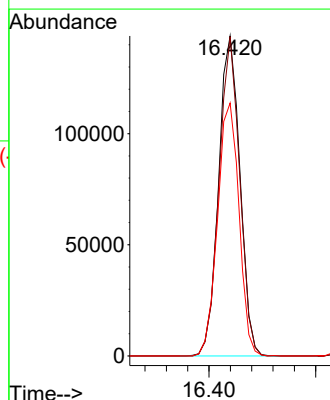
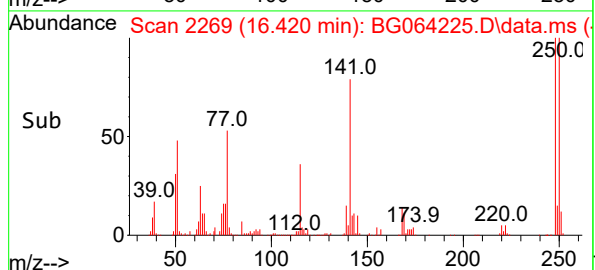
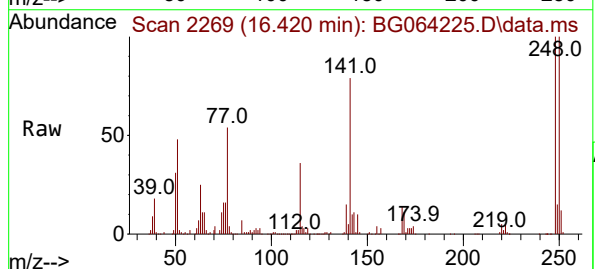
Manual Integrations
APPROVED

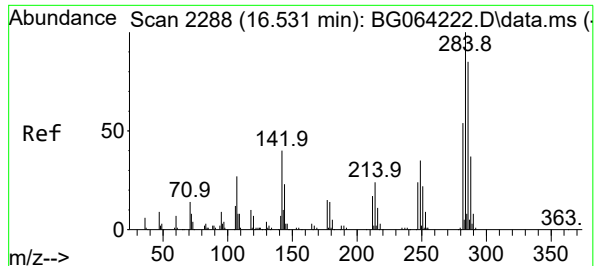
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#67
4-Bromophenyl-phenylether
Concen: 81.188 ng
RT: 16.420 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

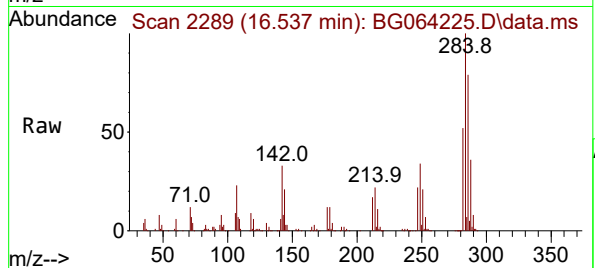
Tgt Ion:248 Resp: 199527
Ion Ratio Lower Upper
248 100
250 99.8 80.2 120.4
141 79.1 62.4 93.6





#68
Hexachlorobenzene
Concen: 79.601 ng
RT: 16.537 min Scan# 217240
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

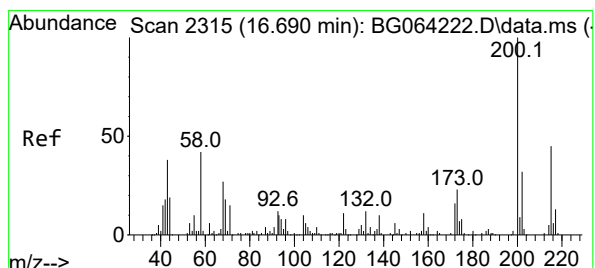
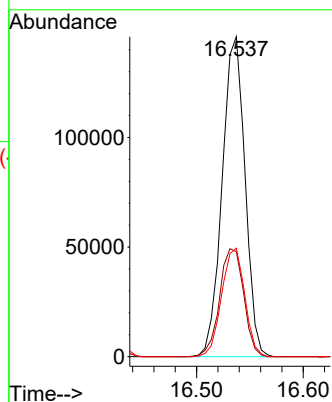
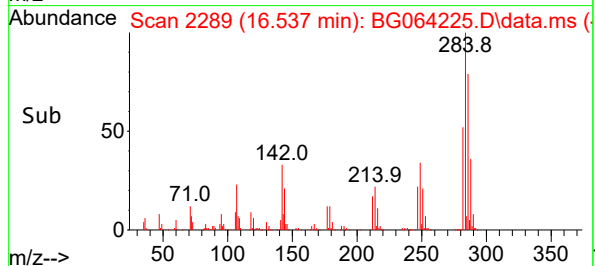
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:284 Resp: 217240
Ion Ratio Lower Upper
284 100
142 32.8 32.1 48.1
249 33.9 28.3 42.5

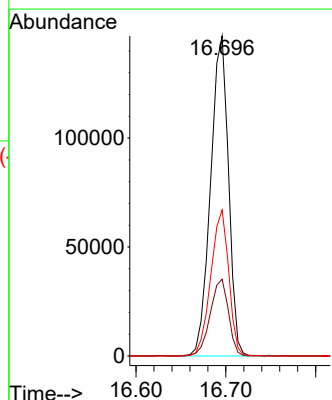
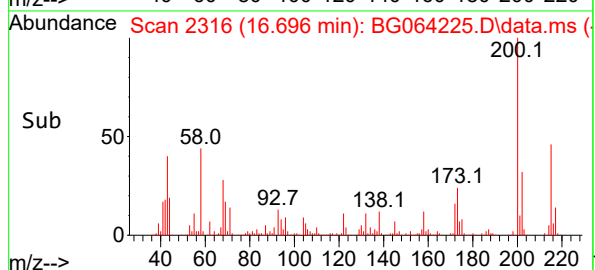
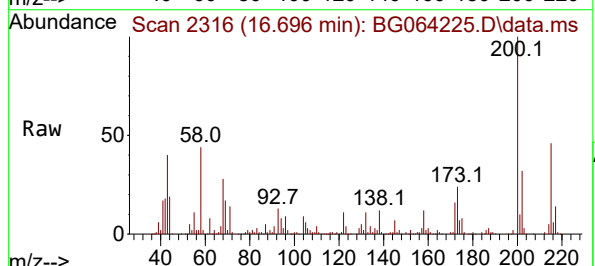
Manual Integrations
APPROVED

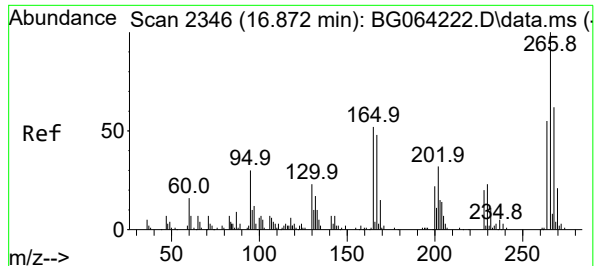
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#69
Atrazine
Concen: 76.540 ng
RT: 16.696 min Scan# 2316
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

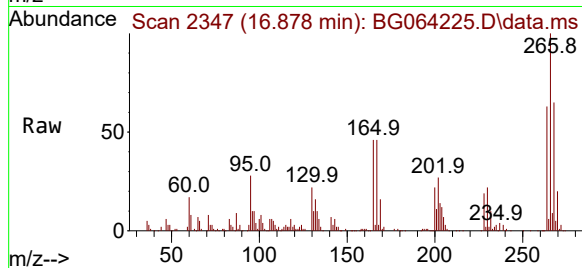
Tgt Ion:200 Resp: 203423
Ion Ratio Lower Upper
200 100
173 24.0 3.5 43.5
215 45.7 24.8 64.8





#70
Pentachlorophenol
Concen: 87.549 ng
RT: 16.878 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

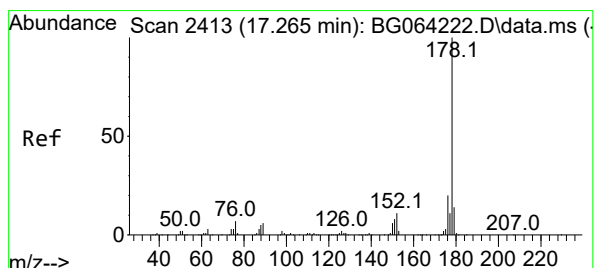
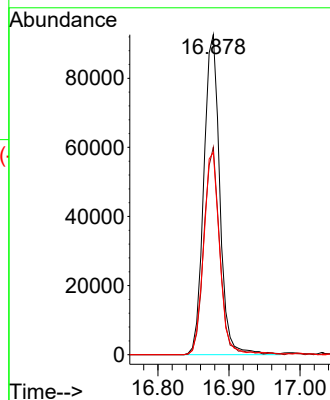
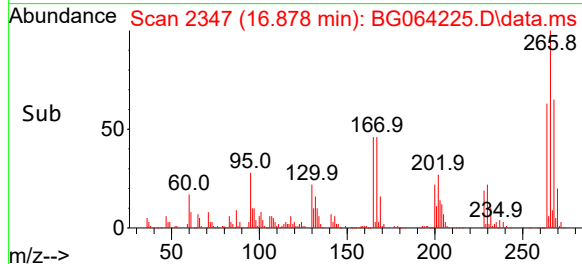
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



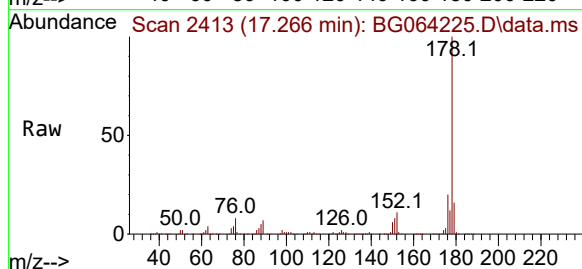
Tgt Ion:266 Resp: 144874
Ion Ratio Lower Upper
266 100
268 64.8 49.4 74.0
264 63.2 44.3 66.5

Manual Integrations
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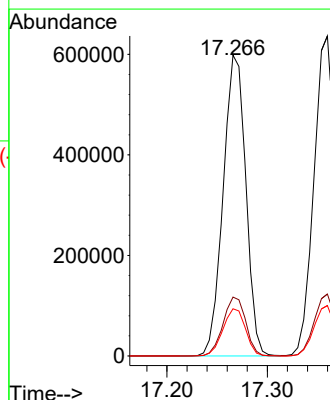
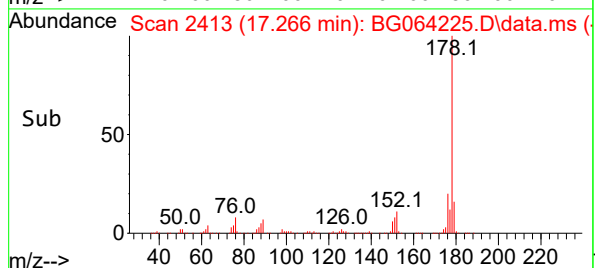
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

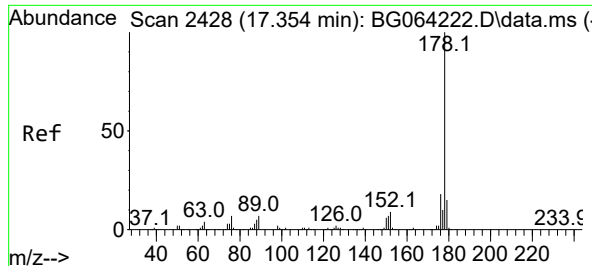


#71
Phenanthrene
Concen: 76.958 ng
RT: 17.266 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16



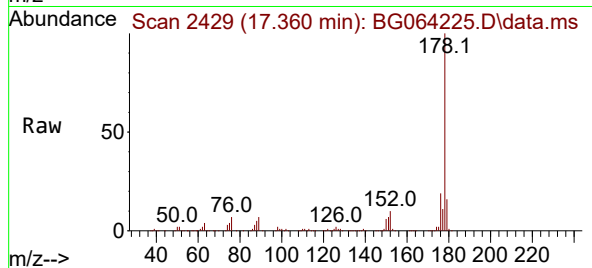
Tgt Ion:178 Resp: 939199
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.7 11.4 17.2





#72
Anthracene
Concen: 76.680 ng
RT: 17.360 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

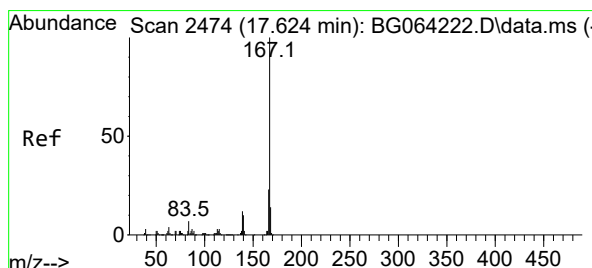
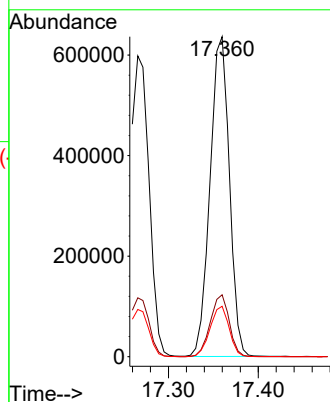
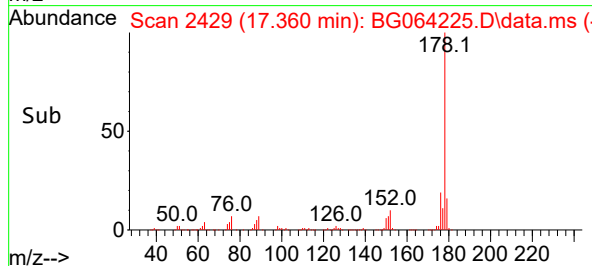
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 95191
Ion Ratio Lower Upper
178 100
176 19.3 14.7 22.1
179 15.7 12.1 18.1

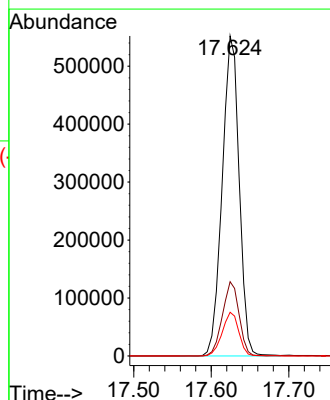
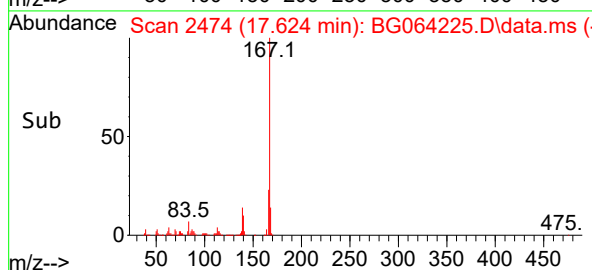
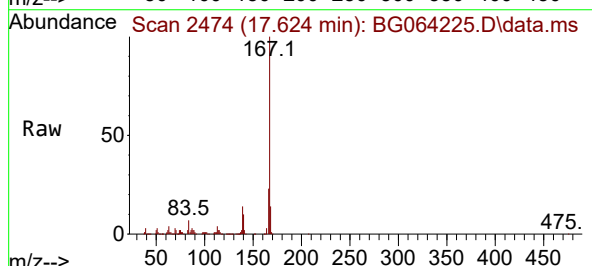
Manual Integrations
APPROVED

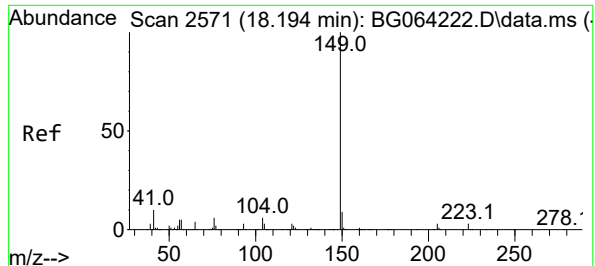
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#73
Carbazole
Concen: 76.969 ng
RT: 17.624 min Scan# 2474
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

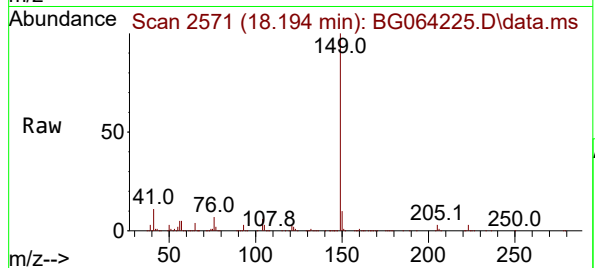
Tgt Ion:167 Resp: 841735
Ion Ratio Lower Upper
167 100
166 23.2 18.2 27.2
139 13.7 9.8 14.6





#74
Di-n-butylphthalate
Concen: 76.970 ng
RT: 18.194 min Scan# 2571
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

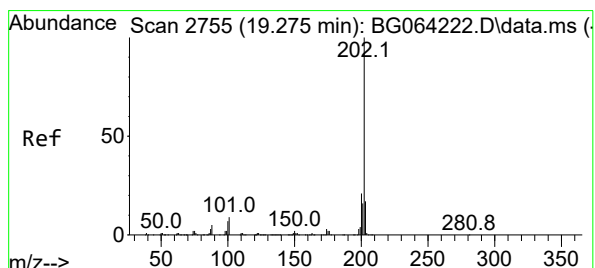
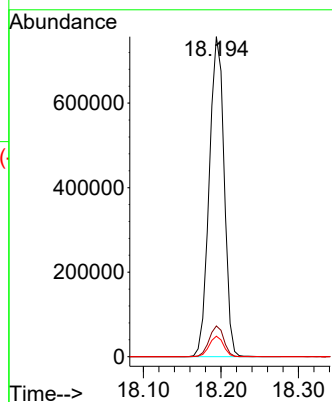
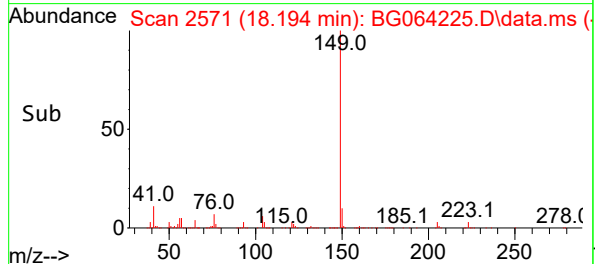
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 1011294
Ion Ratio Lower Upper
149 100
150 9.6 7.5 11.3
104 6.4 4.6 7.0

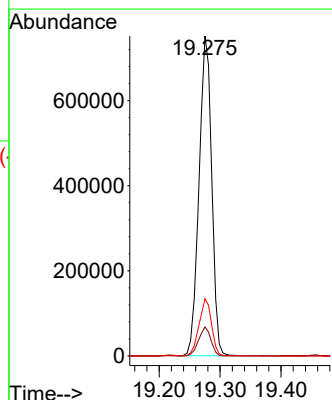
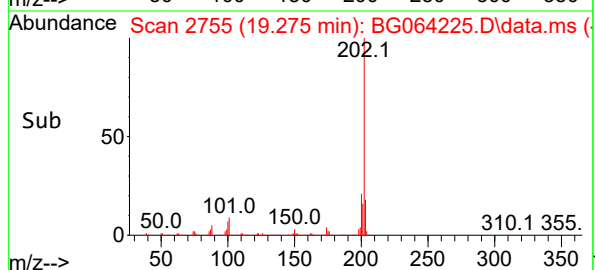
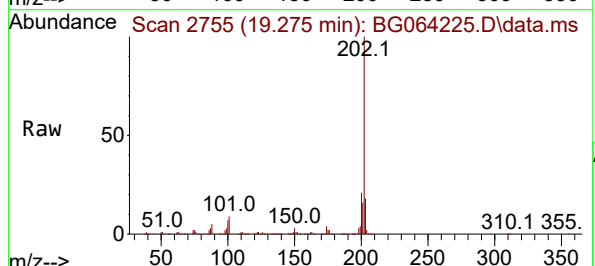
Manual Integrations
APPROVED

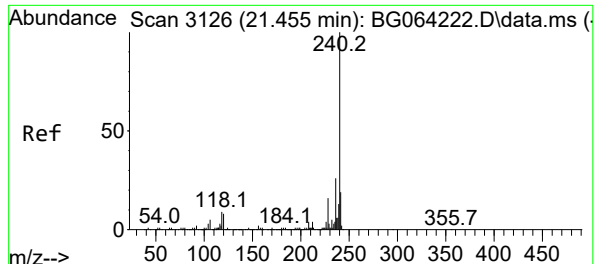
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#75
Fluoranthene
Concen: 75.580 ng
RT: 19.275 min Scan# 2755
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:202 Resp: 1084541
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.7
203 17.9 0.0 36.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.455 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:240 Resp: 23554

Ion Ratio Lower Upper

240 100

120 7.7 6.2 9.4

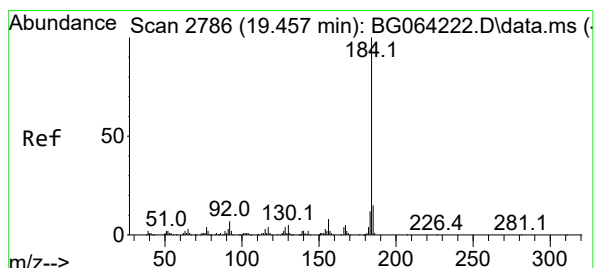
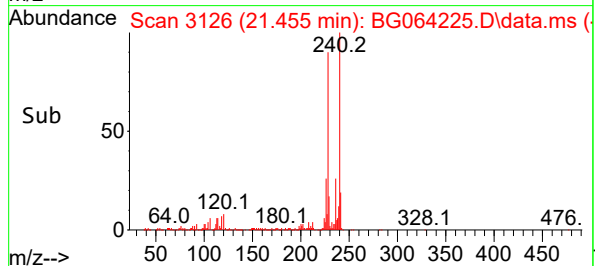
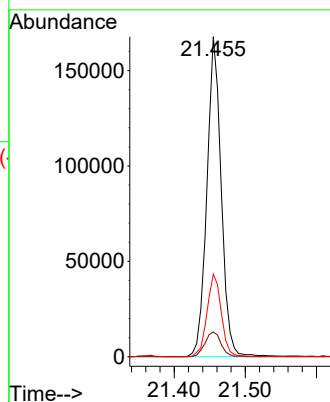
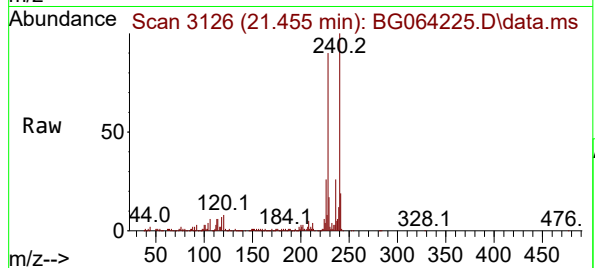
236 25.8 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#77

Benzidine

Concen: 68.139 ng

RT: 19.457 min Scan# 2786

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

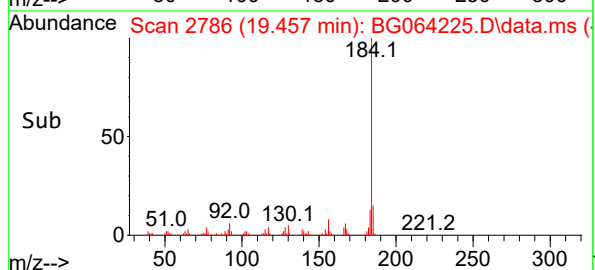
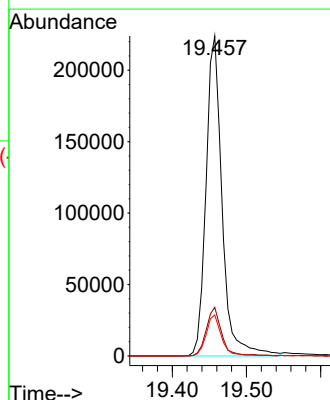
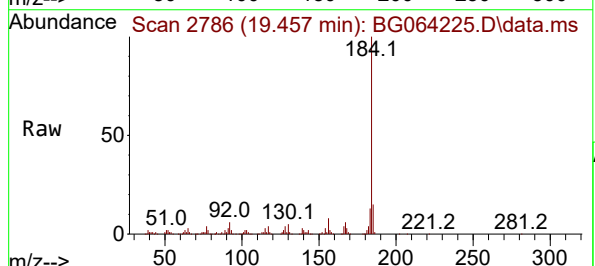
Tgt Ion:184 Resp: 337627

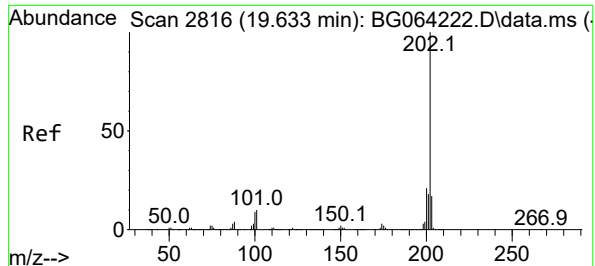
Ion Ratio Lower Upper

184 100

185 15.2 11.7 17.5

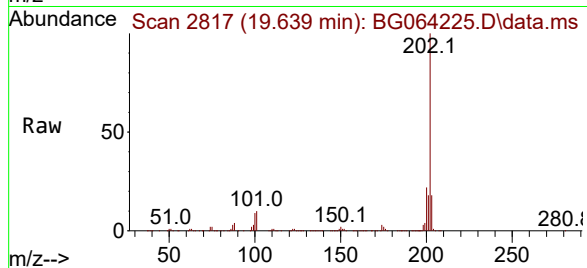
183 12.8 9.7 14.5





#78
Pyrene
Concen: 77.355 ng
RT: 19.639 min Scan# 2817
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

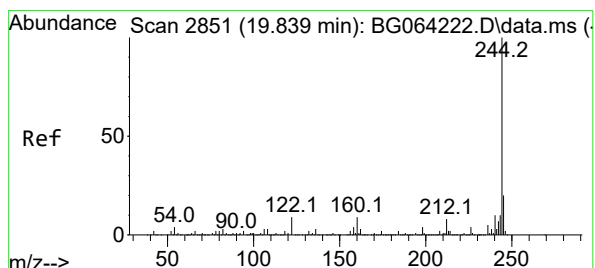
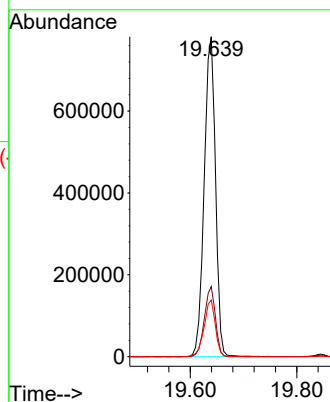
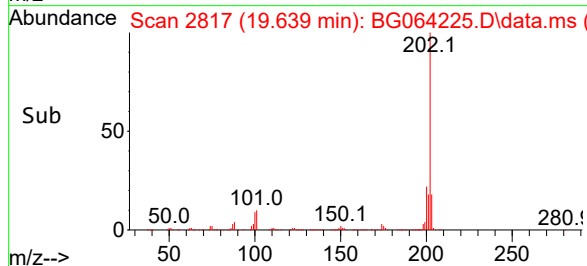
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 1147900
Ion Ratio Lower Upper
202 100
200 21.9 16.9 25.3
203 17.7 13.8 20.8

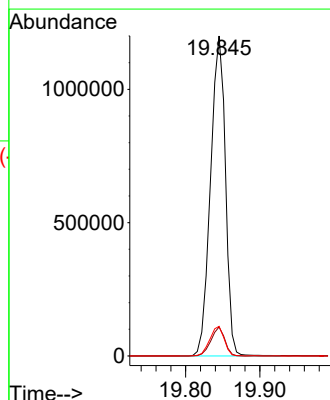
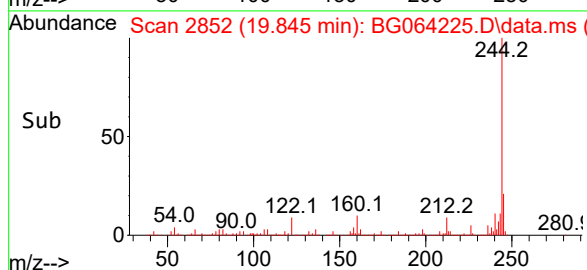
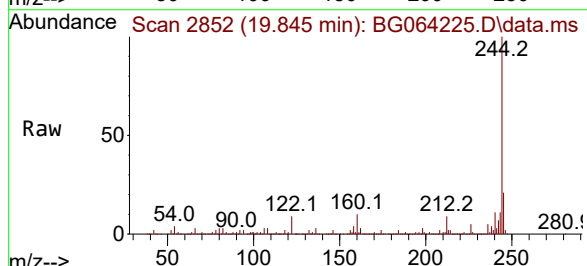
Manual Integrations
APPROVED

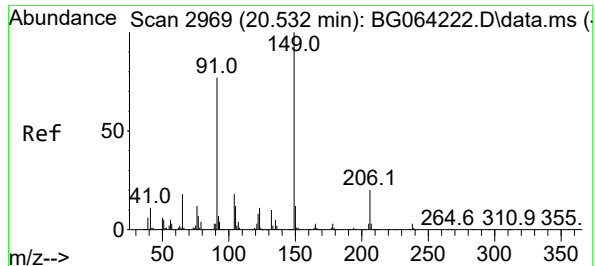
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#79
Terphenyl-d14
Concen: 148.209 ng
RT: 19.845 min Scan# 2852
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

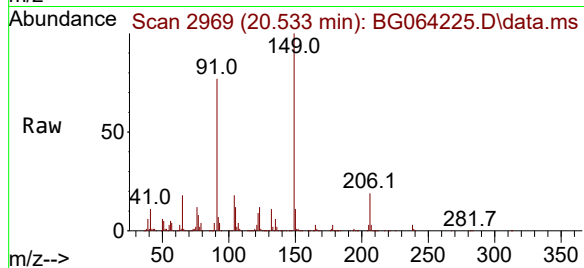
Tgt Ion:244 Resp: 1673235
Ion Ratio Lower Upper
244 100
212 9.0 6.6 10.0
122 9.2 7.0 10.6





#80
Butylbenzylphthalate
Concen: 81.036 ng
RT: 20.533 min Scan# 2969
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

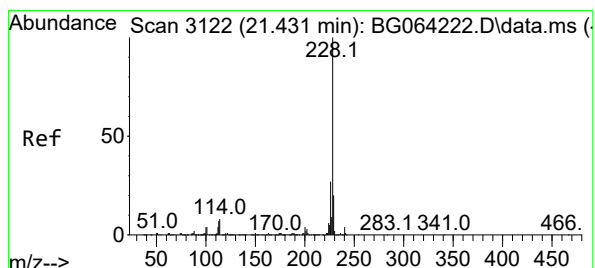
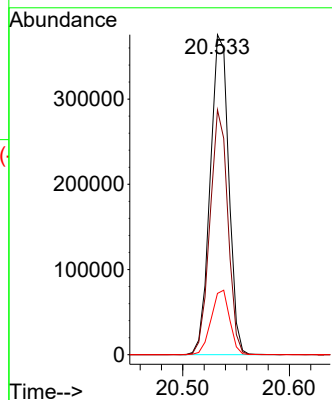
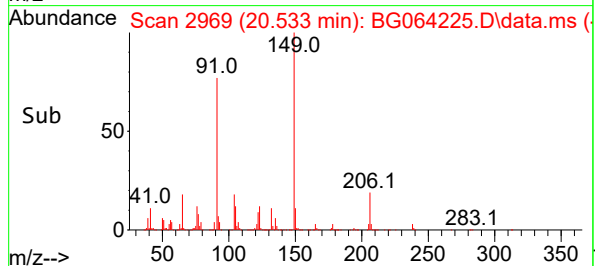
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



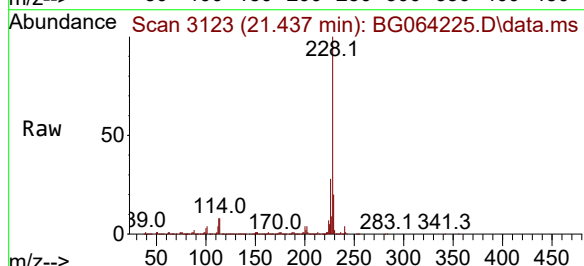
Tgt Ion:149 Resp: 45356
Ion Ratio Lower Upper
149 100
91 76.5 61.4 92.0
206 19.1 15.8 23.6

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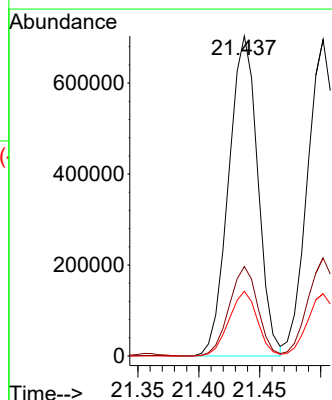
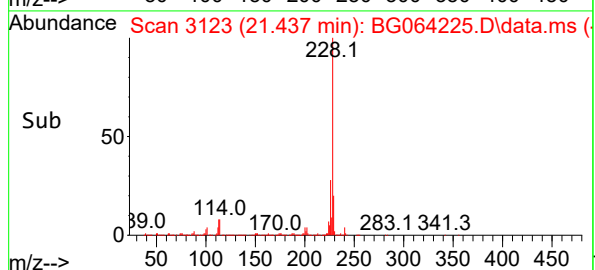
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

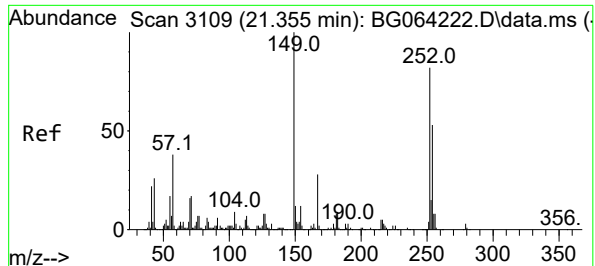


#81
Benzo(a)anthracene
Concen: 77.766 ng
RT: 21.437 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16



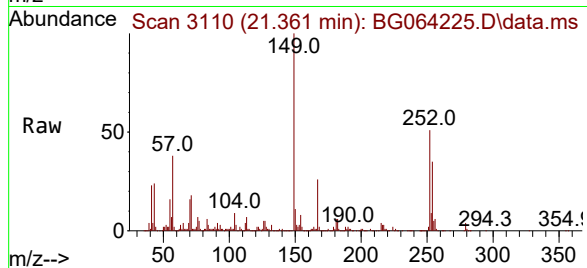
Tgt Ion:228 Resp: 1171856
Ion Ratio Lower Upper
228 100
226 27.9 21.7 32.5
229 20.2 15.9 23.9





#82
3,3'-Dichlorobenzidine
Concen: 77.523 ng
RT: 21.361 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

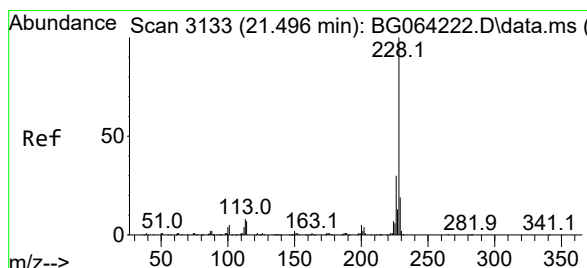
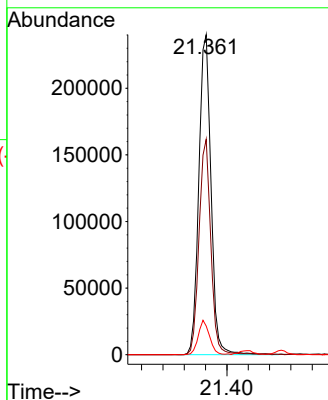
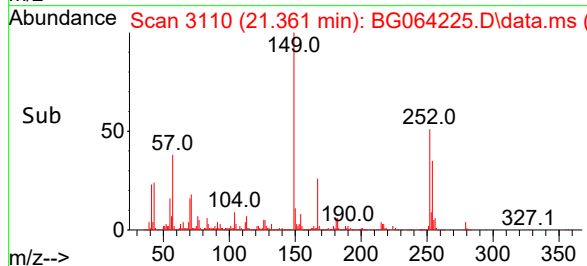
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:252 Resp: 38045
Ion Ratio Lower Upper
252 100
254 67.3 51.9 77.9
126 9.0 7.6 11.4

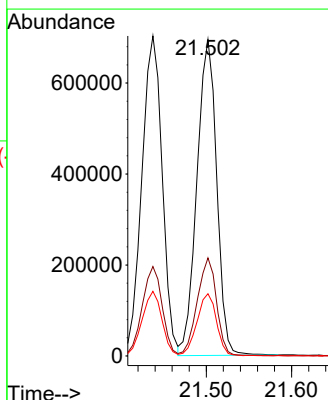
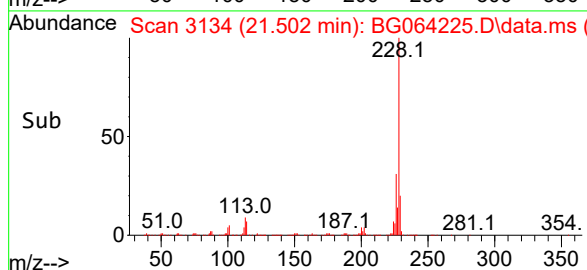
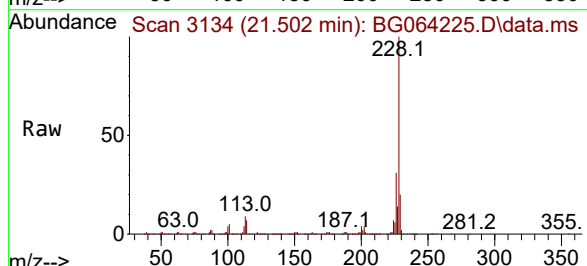
Manual Integrations
APPROVED

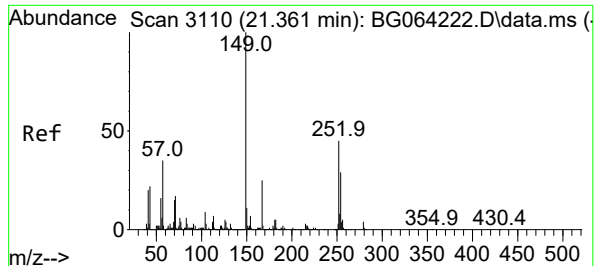
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#83
Chrysene
Concen: 77.521 ng
RT: 21.502 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

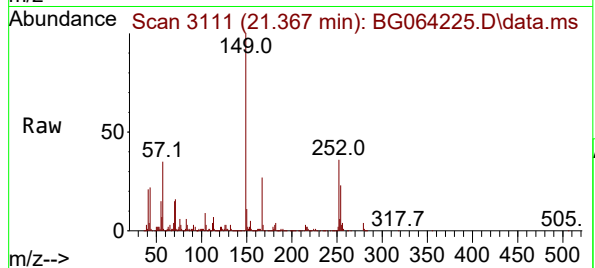
Tgt Ion:228 Resp: 1121478
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.2
229 19.6 15.4 23.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 78.779 ng
RT: 21.367 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

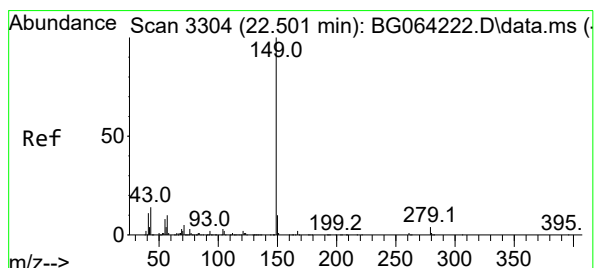
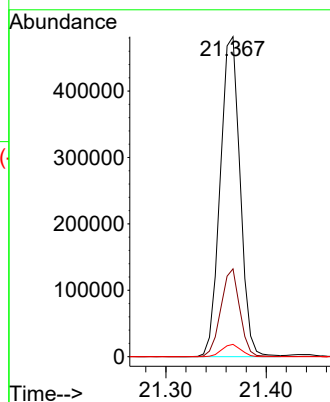
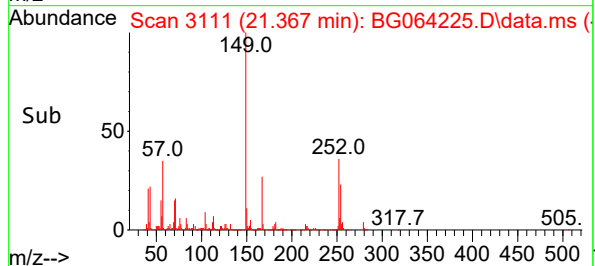
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 661990
Ion Ratio Lower Upper
149 100
167 27.5 20.0 30.0
279 3.8 3.0 4.4

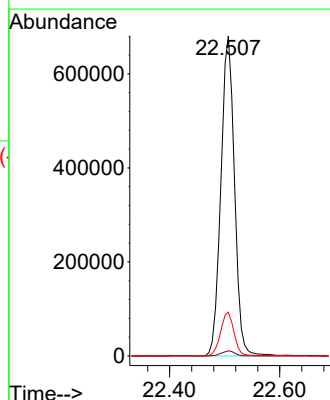
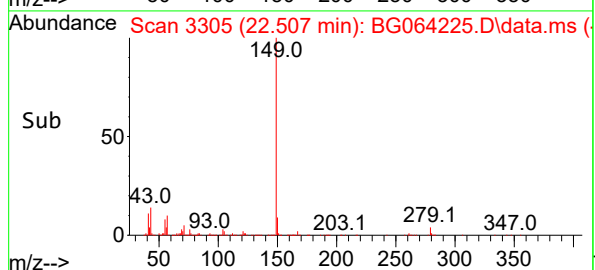
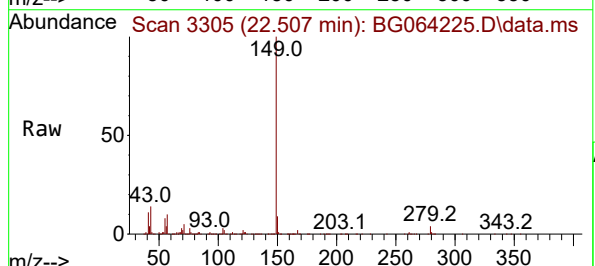
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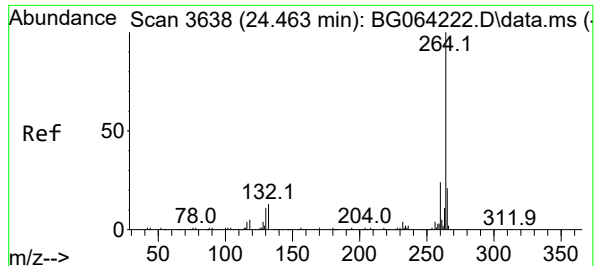
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#85
Di-n-octyl phthalate
Concen: 79.752 ng
RT: 22.507 min Scan# 3305
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

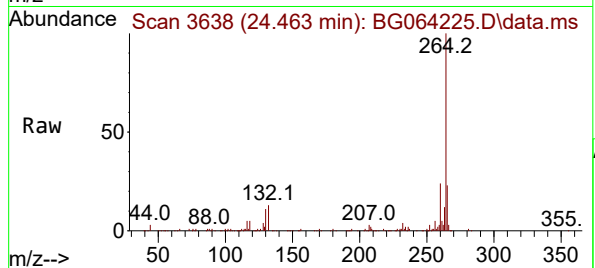
Tgt Ion:149 Resp: 1167706
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.6 10.8 16.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.463 min Scan# 3638
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

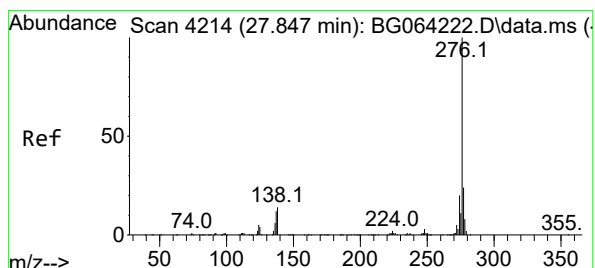
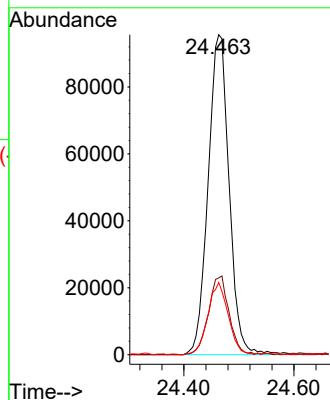
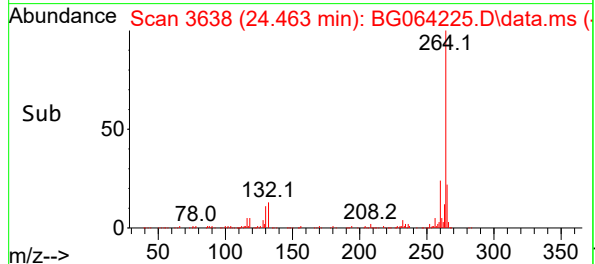
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:264 Resp: 25282
Ion Ratio Lower Upper
264 100
260 24.0 18.9 28.3
265 22.5 16.7 25.1

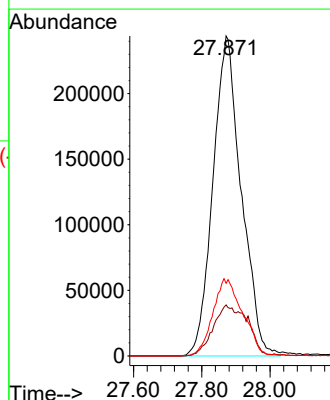
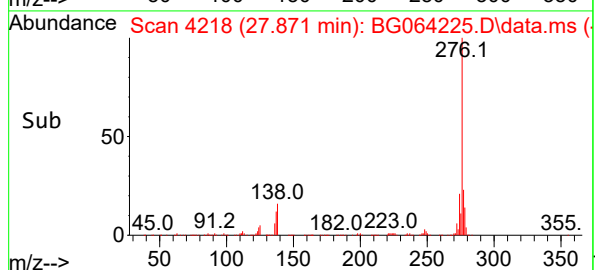
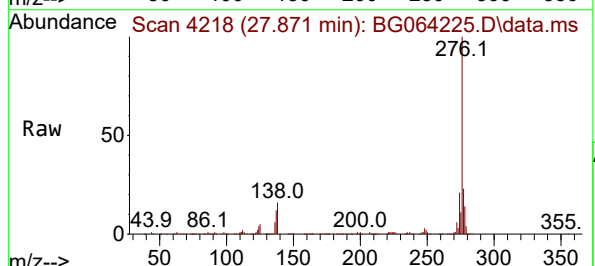
Manual Integrations
APPROVED

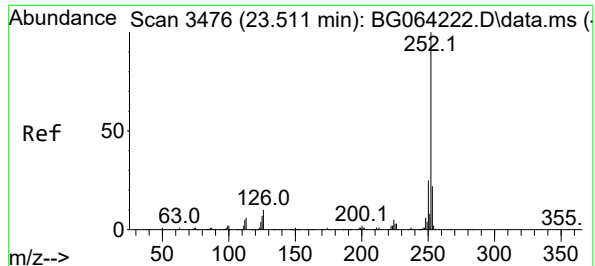
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#87
Indeno(1,2,3-cd)pyrene
Concen: 81.188 ng
RT: 27.871 min Scan# 4218
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

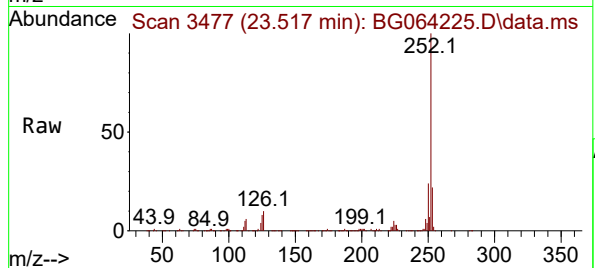
Tgt Ion:276 Resp: 1401756
Ion Ratio Lower Upper
276 100
138 12.2 7.4 11.0#
277 25.6 20.5 30.7





#88
Benzo(b)fluoranthene
Concen: 81.710 ng
RT: 23.517 min Scan# 3477
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

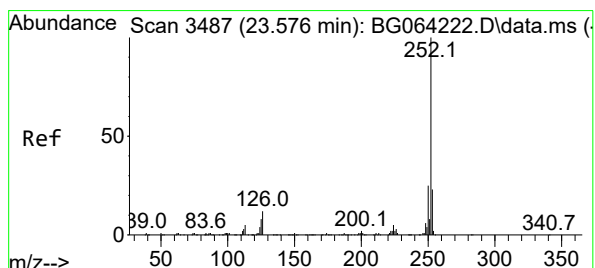
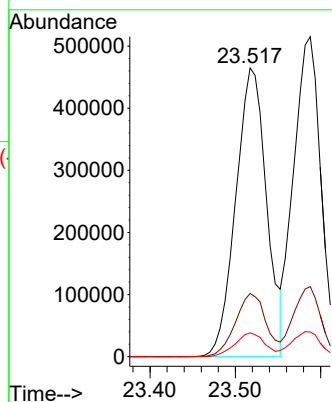
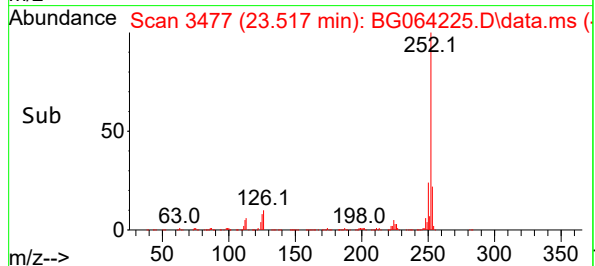
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:252 Resp: 1165918
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.3 5.9 8.9

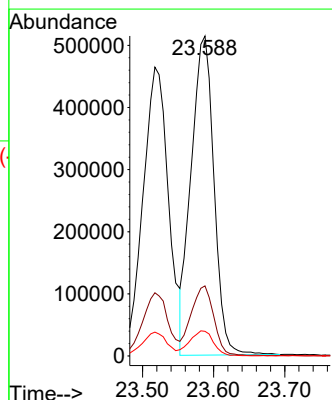
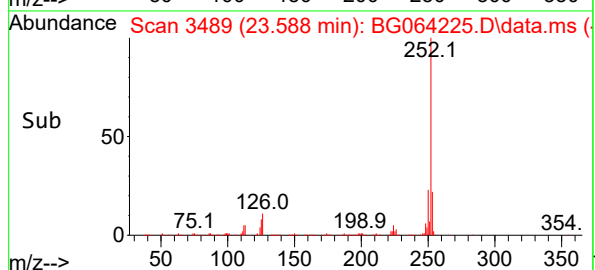
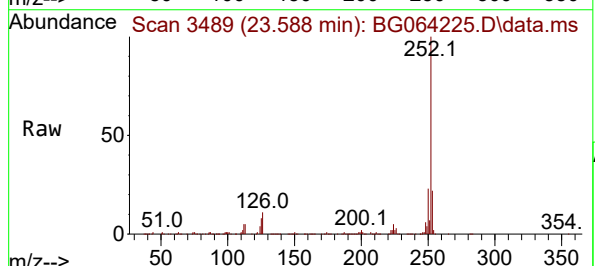
Manual Integrations
APPROVED

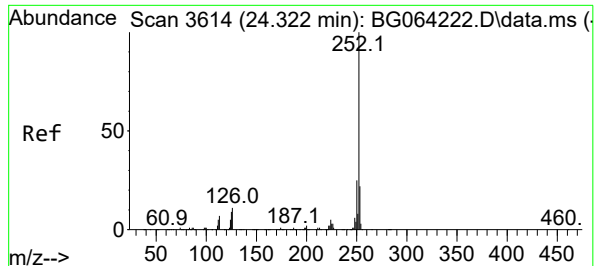
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#89
Benzo(k)fluoranthene
Concen: 79.005 ng
RT: 23.588 min Scan# 3489
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

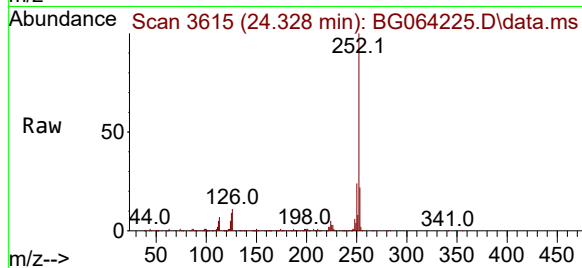
Tgt Ion:252 Resp: 1148481
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 7.7 7.0 10.4





#90
Benzo(a)pyrene
Concen: 80.383 ng
RT: 24.328 min Scan# 3614
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

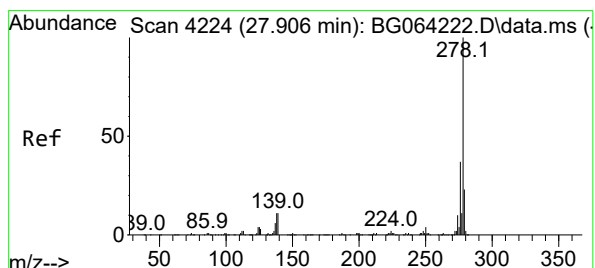
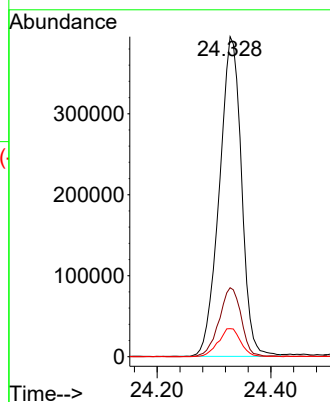
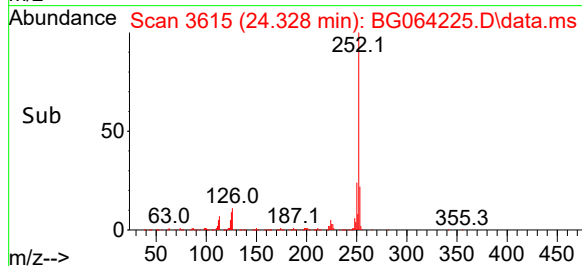
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:252 Resp: 1066950
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 8.8 7.0 10.6

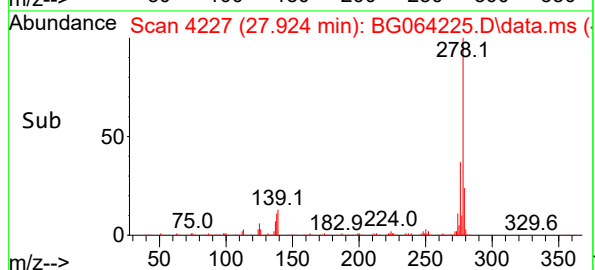
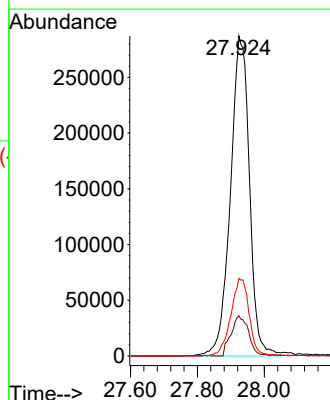
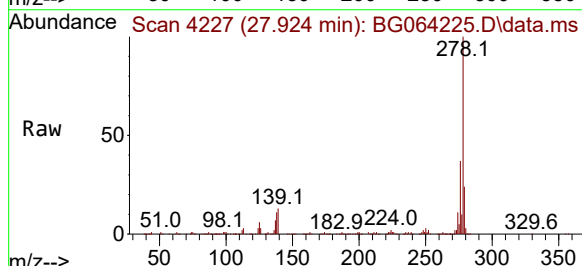
Manual Integrations
APPROVED

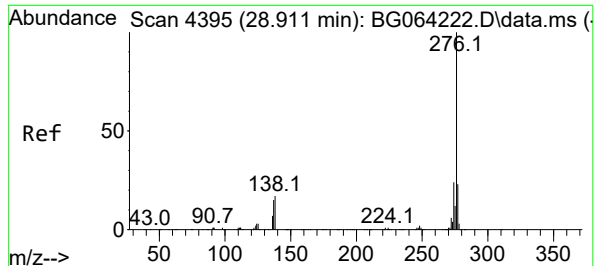
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#91
Dibenzo(a,h)anthracene
Concen: 81.749 ng
RT: 27.924 min Scan# 4227
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:278 Resp: 1133261
Ion Ratio Lower Upper
278 100
139 12.6 9.0 13.4
279 24.2 18.8 28.2





#92

Benzo(g,h,i)perylene

Concen: 80.696 ng

RT: 28.934 min Scan# 41

Delta R.T. 0.000 min

Lab File: BG064225.D

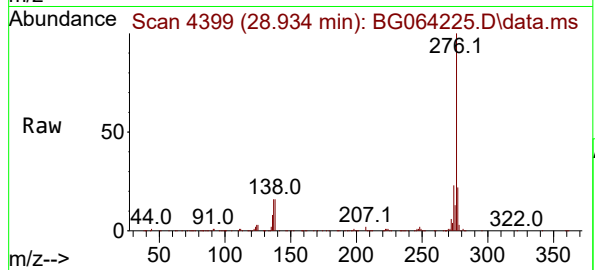
Acq: 28 Aug 2025 16:16

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



Tgt Ion:276 Resp: 108852

Ion Ratio Lower Upper

276 100

277 21.9 18.2 27.4

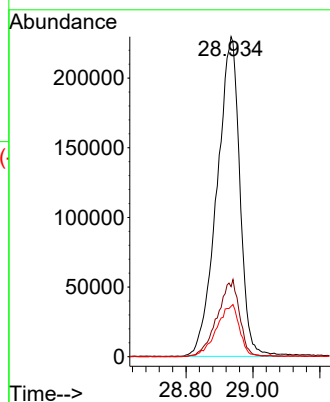
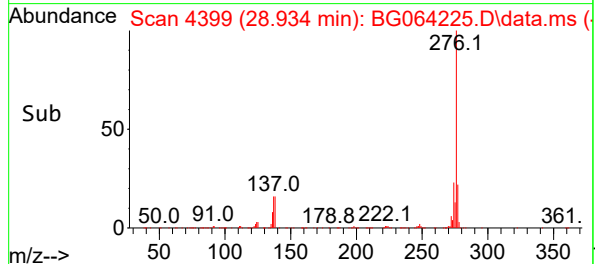
138 15.7 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064226.D
 Acq On : 28 Aug 2025 18:19
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 19:07:41 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	29889	20.000	ng	0.00
21) Naphthalene-d8	10.647	136	138322	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	98110	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	230329	20.000	ng	0.00
76) Chrysene-d12	21.452	240	233808	20.000	ng	0.00
86) Perylene-d12	24.460	264	253621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	118083	70.880	ng	0.00
7) Phenol-d6	7.022	99	163938	71.628	ng	0.00
23) Nitrobenzene-d5	9.008	82	190915	76.975	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	95626	73.586	ng	0.00
45) 2-Fluorobiphenyl	13.109	172	482755	75.105	ng	0.00
79) Terphenyl-d14	19.842	244	849308	75.787	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.361	88	24759	35.656	ng	91
3) Pyridine	3.749	79	70553	34.517	ng	# 58
4) n-Nitrosodimethylamine	3.667	42	50477	37.335	ng	# 82
6) Aniline	7.186	93	120120	37.952	ng	99
8) 2-Chlorophenol	7.421	128	76422	37.539	ng	96
9) Benzaldehyde	6.998	77	64525	34.257	ng	98
10) Phenol	7.045	94	93735	37.147	ng	96
11) bis(2-Chloroethyl)ether	7.280	93	71259	37.580	ng	97
12) 1,3-Dichlorobenzene	7.750	146	80599	37.215	ng	98
13) 1,4-Dichlorobenzene	7.891	146	83439	38.174	ng	95
14) 1,2-Dichlorobenzene	8.208	146	83276	39.476	ng	95
15) Benzyl Alcohol	8.091	79	82068	38.856	ng	# 92
16) 2,2'-oxybis(1-Chloropr...	8.385	45	158838	36.690	ng	97
17) 2-Methylphenol	8.297	107	70037	37.241	ng	93
18) Hexachloroethane	8.937	117	30906	36.223	ng	# 87
19) n-Nitroso-di-n-propyla...	8.661	70	69352	39.592	ng	98
20) 3+4-Methylphenols	8.620	107	97172	37.186	ng	97
22) Acetophenone	8.673	105	138203	39.493	ng	# 99
24) Nitrobenzene	9.049	77	97991	37.815	ng	99
25) Isophorone	9.577	82	203159	39.413	ng	98
26) 2-Nitrophenol	9.760	139	45144	40.318	ng	# 86
27) 2,4-Dimethylphenol	9.824	122	82382	41.907	ng	94
28) bis(2-Chloroethoxy)met...	10.059	93	108249	38.946	ng	96
29) 2,4-Dichlorophenol	10.288	162	78373	37.784	ng	97
30) 1,2,4-Trichlorobenzene	10.512	180	84798	38.773	ng	93
31) Naphthalene	10.694	128	269029	37.507	ng	97
32) Benzoic acid	9.959	122	63444m	40.656	ng	
33) 4-Chloroaniline	10.800	127	121492	43.702	ng	98
34) Hexachlorobutadiene	10.988	225	59520	36.817	ng	93
35) Caprolactam	11.569	113	30886	38.456	ng	96
36) 4-Chloro-3-methylphenol	11.922	107	102318	38.019	ng	96
37) 2-Methylnaphthalene	12.304	142	182749	34.277	ng	98
38) 1-Methylnaphthalene	12.527	142	193924	36.825	ng	96
40) 1,2,4,5-Tetrachloroben...	12.674	216	109403	38.648	ng	99
41) Hexachlorocyclopentadiene	12.656	237	69252	51.474	ng	89
43) 2,4,6-Trichlorophenol	12.909	196	74572	39.413	ng	88

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064226.D
 Acq On : 28 Aug 2025 18:19
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 19:07:41 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.979	196	78503	38.249	ng	97
46) 1,1'-Biphenyl	13.314	154	278762	39.011	ng	98
47) 2-Chloronaphthalene	13.355	162	205642	38.279	ng	98
48) 2-Nitroaniline	13.555	65	76496	41.777	ng	92
49) Acenaphthylene	14.201	152	345867	43.553	ng	99
50) Dimethylphthalate	13.943	163	281514	37.909	ng	99
51) 2,6-Dinitrotoluene	14.055	165	61558	42.818	ng	92
52) Acenaphthene	14.548	154	208675	37.235	ng	99
53) 3-Nitroaniline	14.384	138	63336	42.058	ng	98
54) 2,4-Dinitrophenol	14.589	184	32669	37.975	ng #	89
55) Dibenzofuran	14.883	168	333145	37.793	ng	97
56) 4-Nitrophenol	14.689	139	48467	39.235	ng	98
57) 2,4-Dinitrotoluene	14.842	165	88592	40.756	ng #	95
58) Fluorene	15.529	166	277028	38.343	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.106	232	80509	40.784	ng	97
60) Diethylphthalate	15.306	149	297822	37.474	ng	99
61) 4-Chlorophenyl-phenyle...	15.523	204	136825	37.983	ng	99
62) 4-Nitroaniline	15.541	138	64904	42.237	ng	87
63) Azobenzene	15.817	77	276201	38.992	ng	99
65) 4,6-Dinitro-2-methylph...	15.606	198	50530	38.211	ng	98
66) n-Nitrosodiphenylamine	15.741	169	244884	38.649	ng	99
67) 4-Bromophenyl-phenylether	16.417	248	91586	37.437	ng	95
68) Hexachlorobenzene	16.534	284	102532	37.742	ng	92
69) Atrazine	16.687	200	99280	37.526	ng	95
70) Pentachlorophenol	16.869	266	60707	36.854	ng	92
71) Phenanthrene	17.263	178	457203	37.635	ng	97
72) Anthracene	17.357	178	468737	37.931	ng	98
73) Carbazole	17.621	167	412655	37.906	ng	99
74) Di-n-butylphthalate	18.191	149	497961	38.074	ng	100
75) Fluoranthene	19.272	202	524509	36.720	ng	100
77) Benzidine	19.454	184	250946	51.021	ng	99
78) Pyrene	19.636	202	551941	37.470	ng	99
80) Butylbenzylphthalate	20.535	149	215271	38.747	ng	96
81) Benzo(a)anthracene	21.434	228	570869	38.165	ng	98
82) 3,3'-Dichlorobenzidine	21.358	252	204932	42.067	ng	98
83) Chrysene	21.499	228	544729	37.933	ng	99
84) Bis(2-ethylhexyl)phtha...	21.364	149	325380	39.008	ng	97
85) Di-n-octyl phthalate	22.503	149	565788	38.929	ng	100
87) Indeno(1,2,3-cd)pyrene	27.850	276	660292	38.123	ng #	96
88) Benzo(b)fluoranthene	23.514	252	559215	39.068	ng	99
89) Benzo(k)fluoranthene	23.573	252	556111	38.135	ng	97
90) Benzo(a)pyrene	24.319	252	537384	40.358	ng	100
91) Dibenzo(a,h)anthracene	27.909	278	541703	38.953	ng	99
92) Benzo(g,h,i)perylene	28.908	276	528738	39.074	ng	99

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

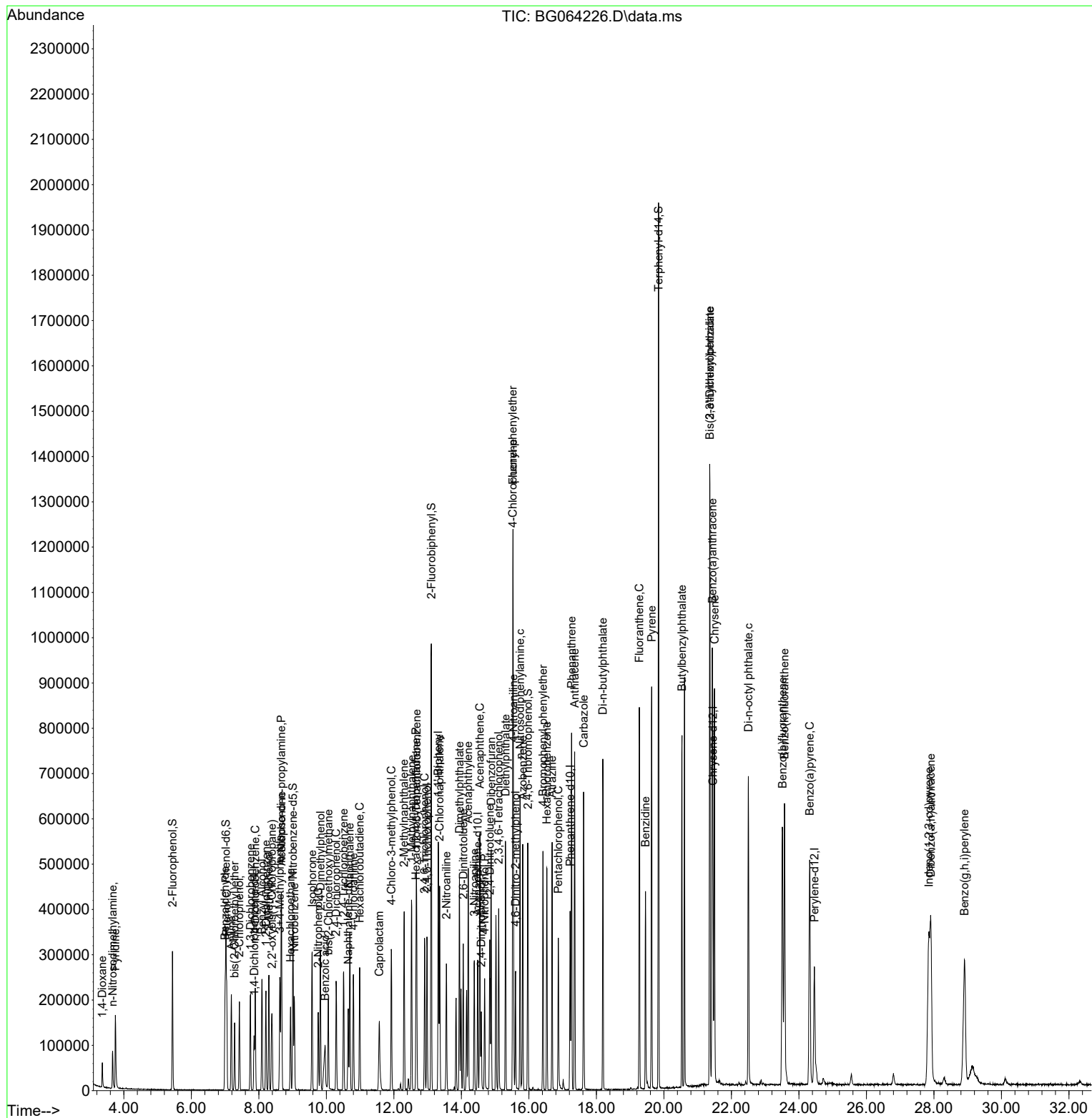
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064226.D
Acq On : 28 Aug 2025 18:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

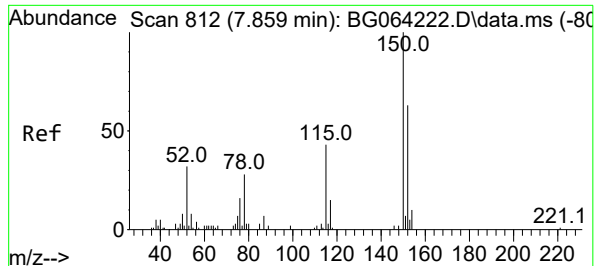
Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jaagrut Upadhyay 08/29/2025

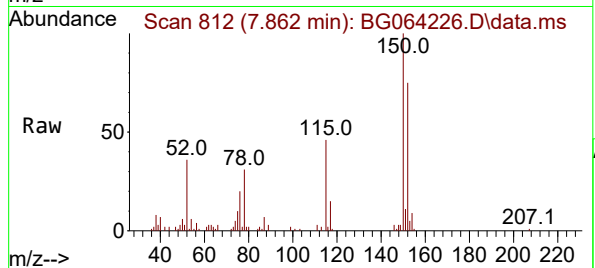
Quant Time: Aug 28 19:07:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.862 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

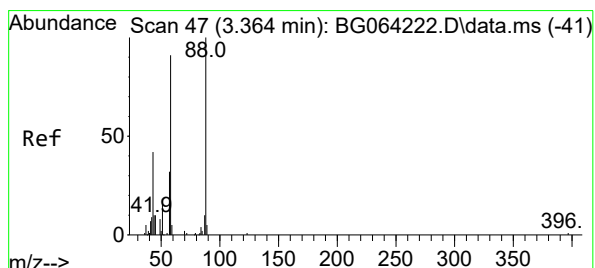
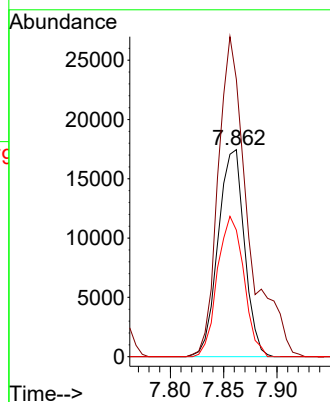
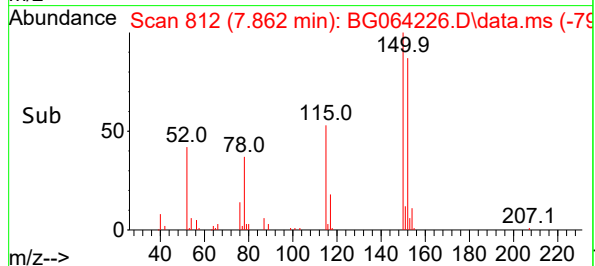
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:152 Resp: 29889
Ion Ratio Lower Upper
152 100
150 133.9 128.0 192.0
115 61.2 55.7 83.5

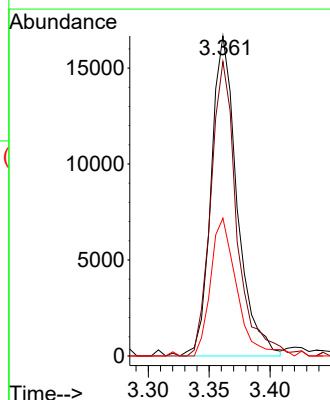
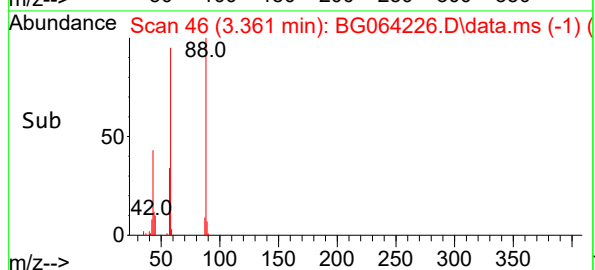
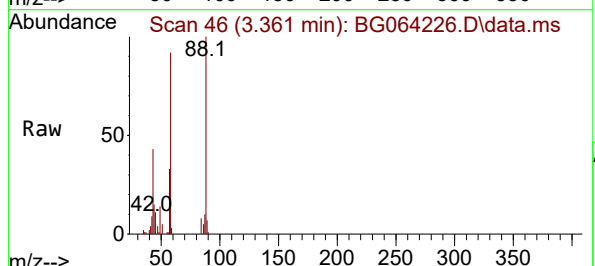
Manual Integrations
APPROVED

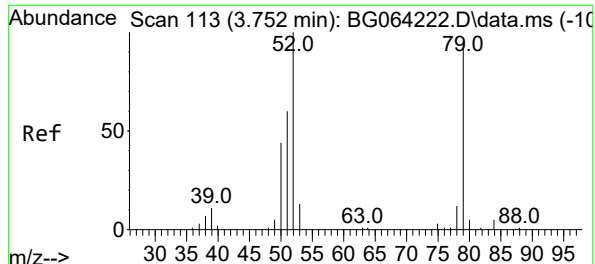
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#2
1,4-Dioxane
Concen: 35.656 ng
RT: 3.361 min Scan# 46
Delta R.T. 0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

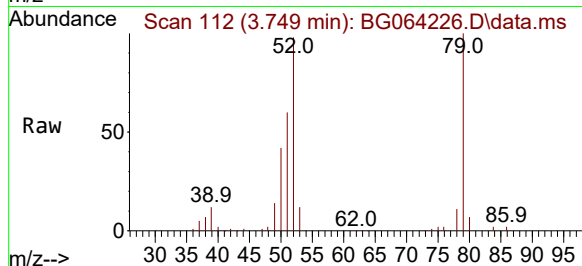
Tgt Ion: 88 Resp: 24759
Ion Ratio Lower Upper
88 100
58 92.0 80.8 121.2
43 43.7 40.3 60.5





#3
Pyridine
Concen: 34.517 ng
RT: 3.749 min Scan# 113
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

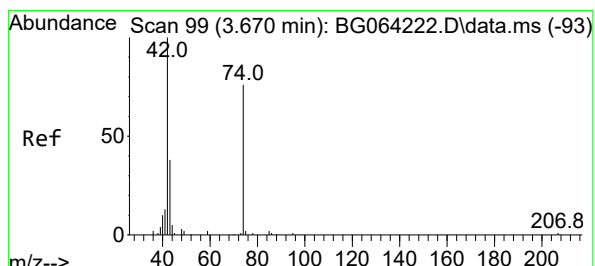
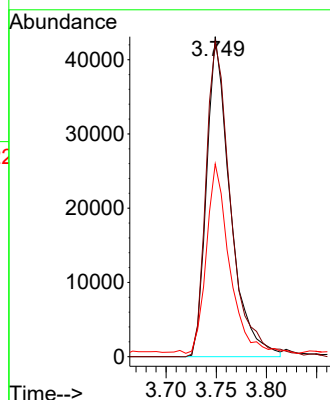
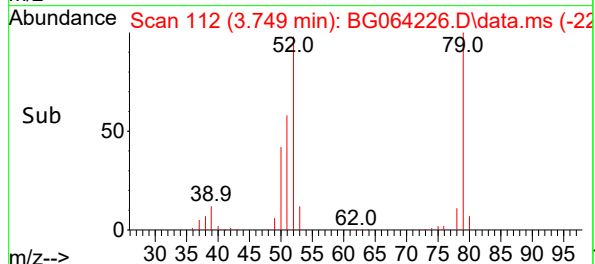
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion: 79 Resp: 7055
Ion Ratio Lower Upper
79 100
52 98.4 86.6 129.8
51 60.3 114.1 171.1

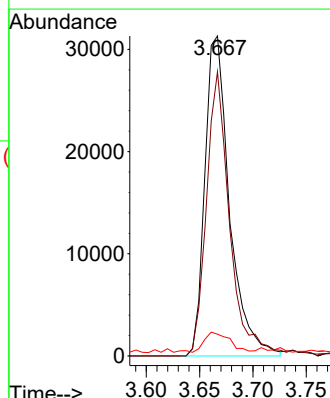
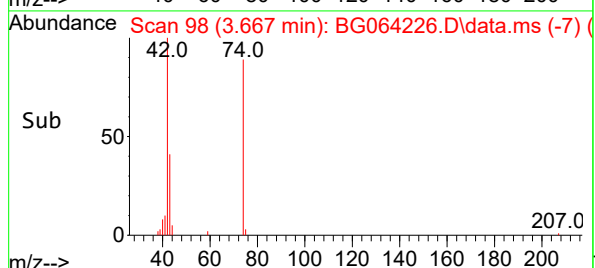
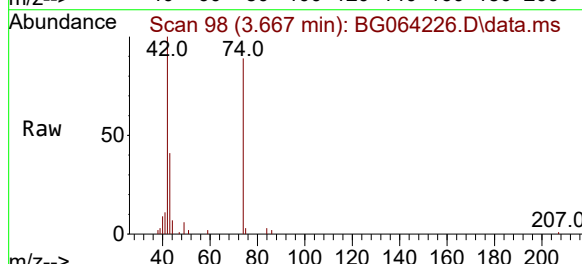
Manual Integrations
APPROVED

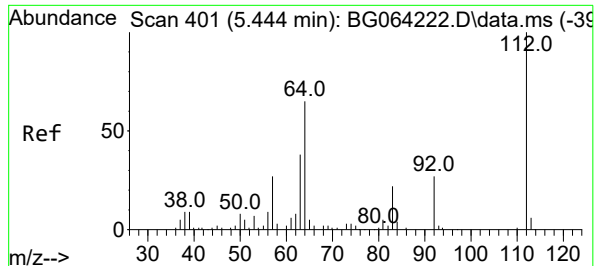
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#4
n-Nitrosodimethylamine
Concen: 37.335 ng
RT: 3.667 min Scan# 98
Delta R.T. 0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion: 42 Resp: 50477
Ion Ratio Lower Upper
42 100
74 88.8 58.0 87.0
44 6.8 5.5 8.3





#5

2-Fluorophenol

Concen: 70.880 ng

RT: 5.441 min Scan# 401

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

Tgt Ion:112 Resp: 11808

Ion Ratio Lower Upper

112 100

64 66.2 51.8 77.6

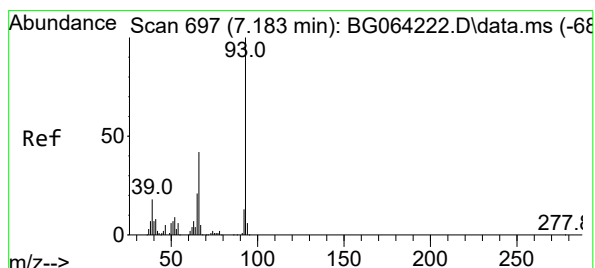
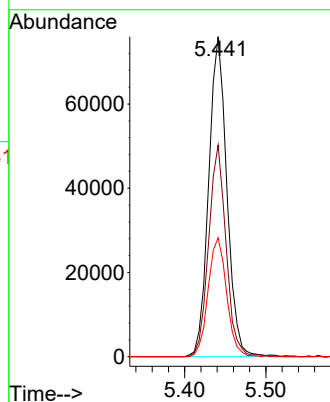
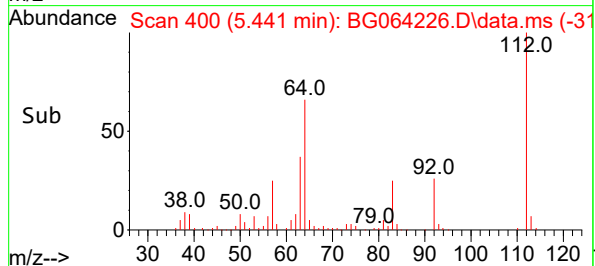
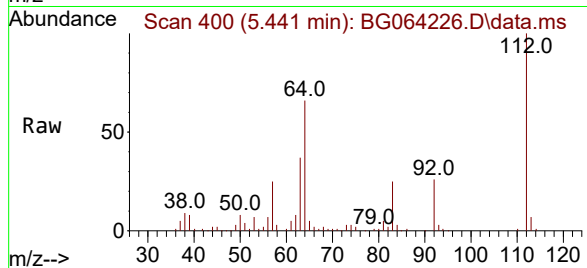
63 37.1 30.6 45.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#6

Aniline

Concen: 37.952 ng

RT: 7.186 min Scan# 697

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

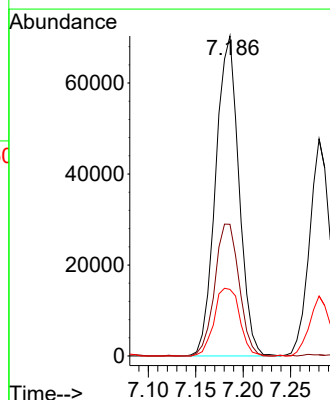
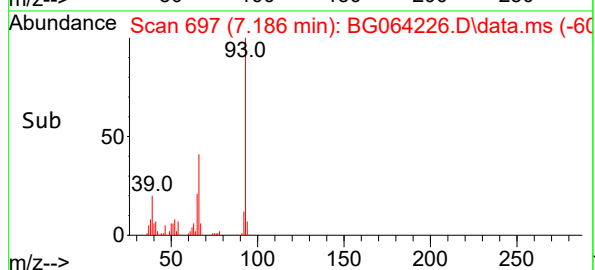
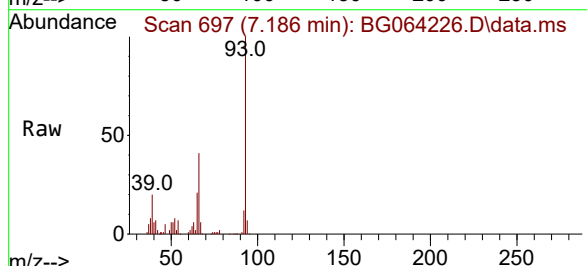
Tgt Ion: 93 Resp: 120120

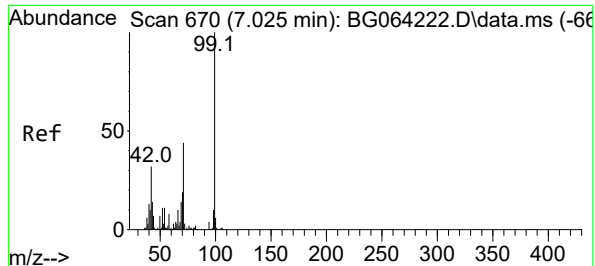
Ion Ratio Lower Upper

93 100

66 41.2 33.8 50.8

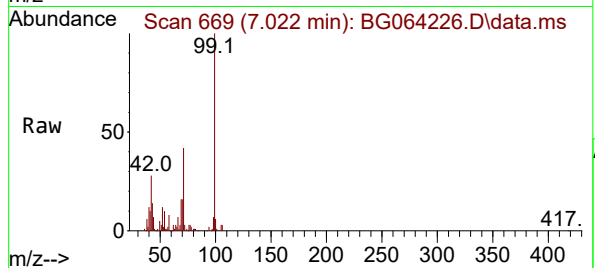
65 20.8 16.9 25.3





#7
Phenol-d6
Concen: 71.628 ng
RT: 7.022 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

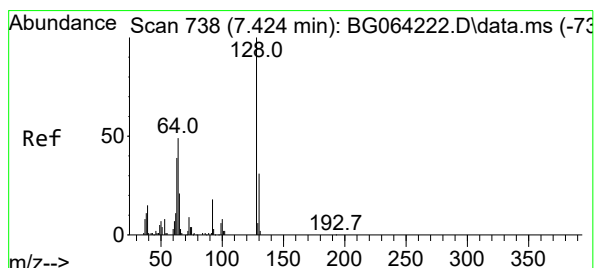
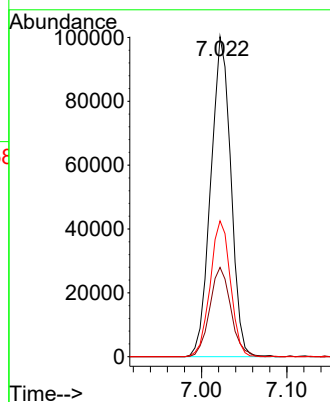
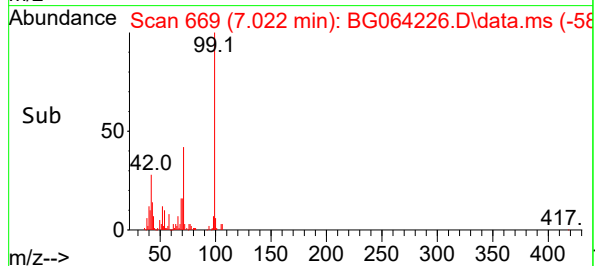
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion: 99 Resp: 163938
Ion Ratio Lower Upper
99 100
42 27.9 25.8 38.8
71 42.4 35.2 52.8

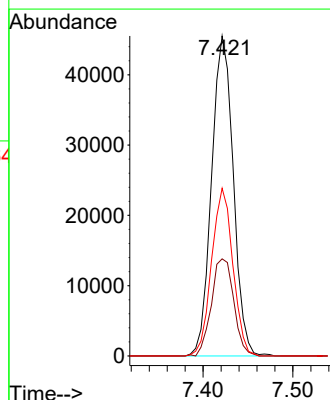
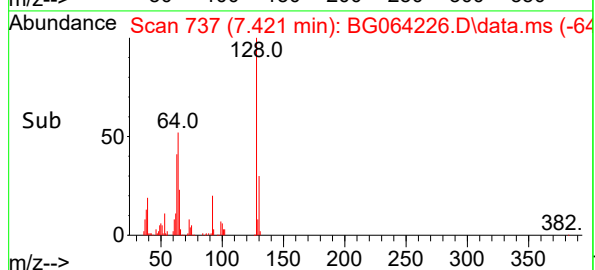
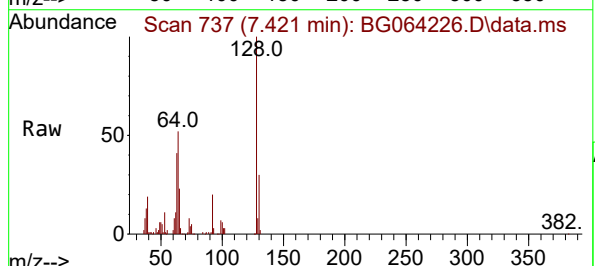
Manual Integrations
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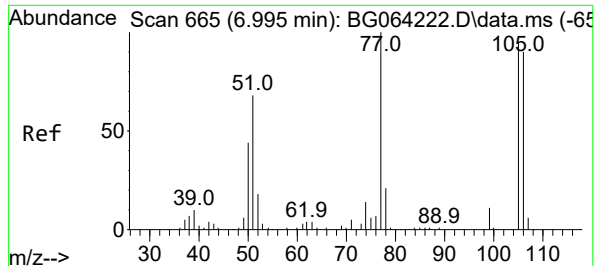
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#8
2-Chlorophenol
Concen: 37.539 ng
RT: 7.421 min Scan# 737
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:128 Resp: 76422
Ion Ratio Lower Upper
128 100
130 30.3 10.9 50.9
64 52.4 28.7 68.7





#9

Benzaldehyde

Concen: 34.257 ng

RT: 6.998 min Scan# 60

Delta R.T. 0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

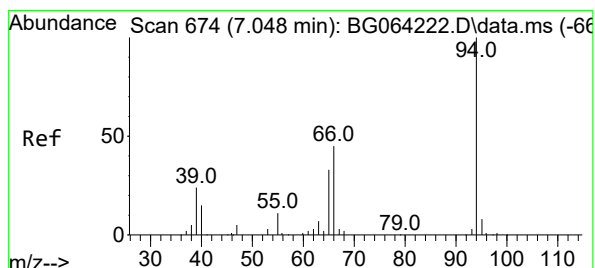
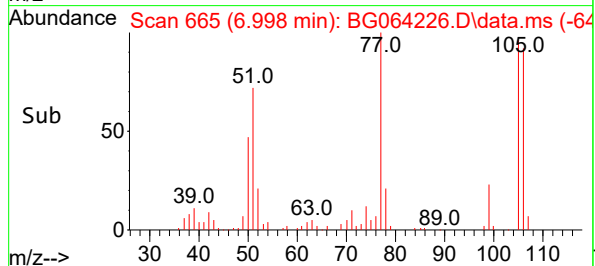
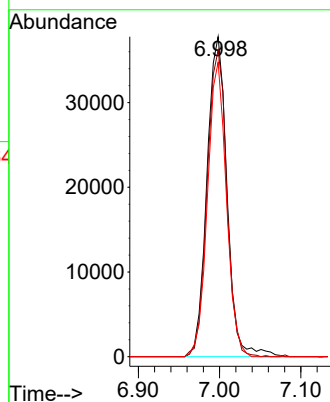
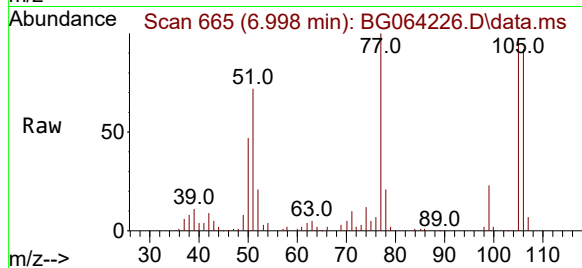
Tgt Ion:	77	Resp:	6452
Ion	Ratio	Lower	Upper
77	100		
105	95.8	75.2	115.2
106	92.0	69.6	109.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#10

Phenol

Concen: 37.147 ng

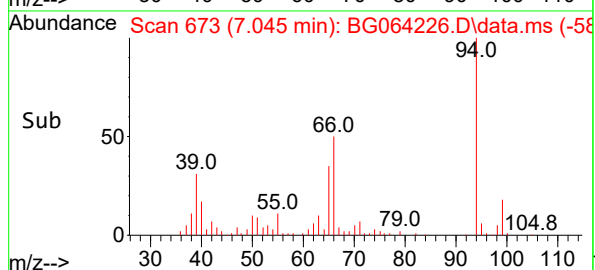
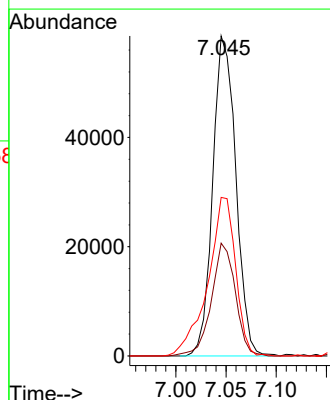
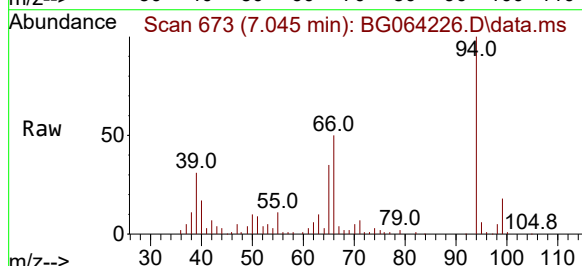
RT: 7.045 min Scan# 673

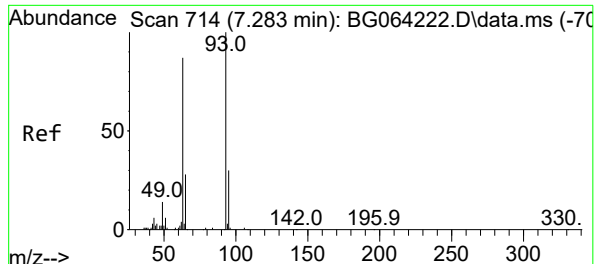
Delta R.T. -0.009 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Tgt Ion:	94	Resp:	93735
Ion	Ratio	Lower	Upper
94	100		
65	35.3	13.5	53.5
66	49.6	26.2	66.2





#11

bis(2-Chloroethyl)ether

Concen: 37.580 ng

RT: 7.280 min Scan# 714

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

Tgt Ion: 93 Resp: 71259

Ion Ratio Lower Upper

93 100

63 88.5 66.2 106.2

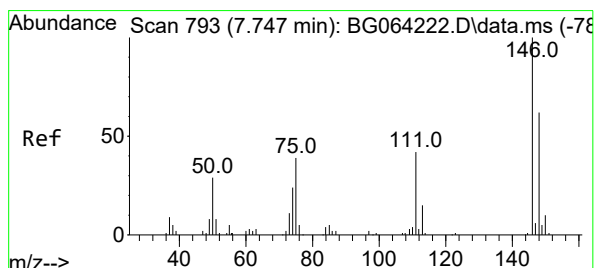
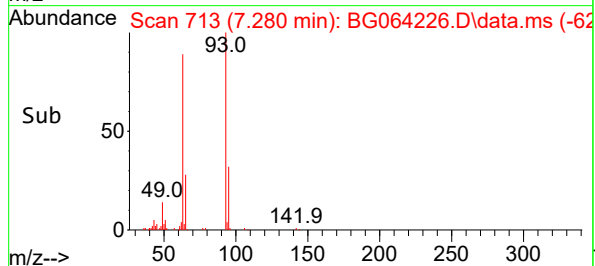
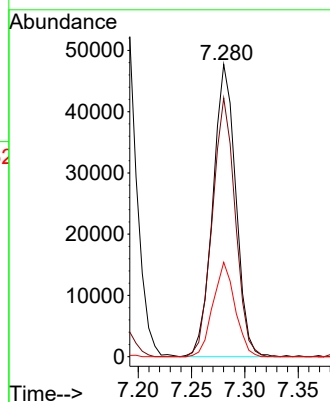
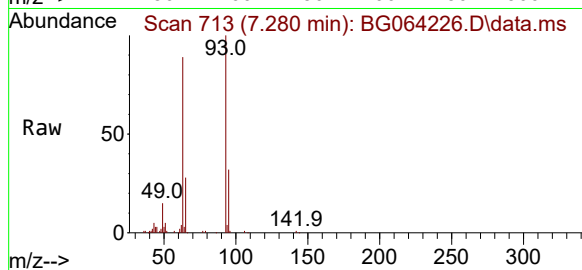
95 32.3 9.8 49.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#12

1,3-Dichlorobenzene

Concen: 37.215 ng

RT: 7.750 min Scan# 793

Delta R.T. 0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

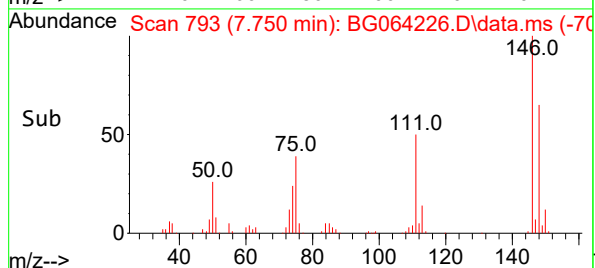
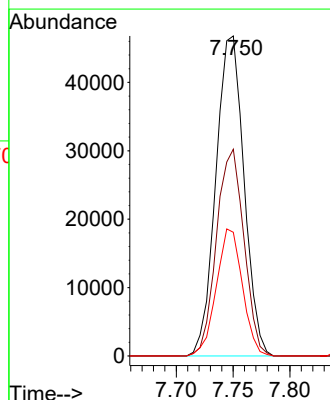
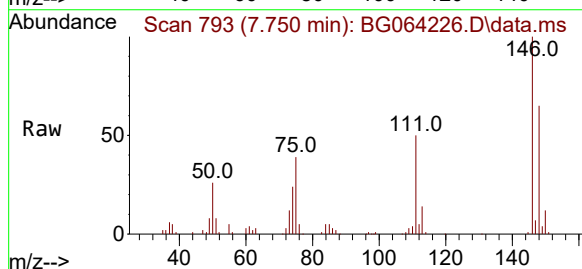
Tgt Ion:146 Resp: 80599

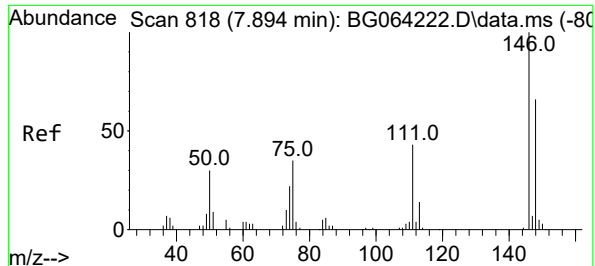
Ion Ratio Lower Upper

146 100

148 64.6 49.6 74.4

75 38.6 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 38.174 ng

RT: 7.891 min Scan# 818

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

Tgt Ion:146 Resp: 83439

Ion Ratio Lower Upper

146 100

148 60.0 52.8 79.2

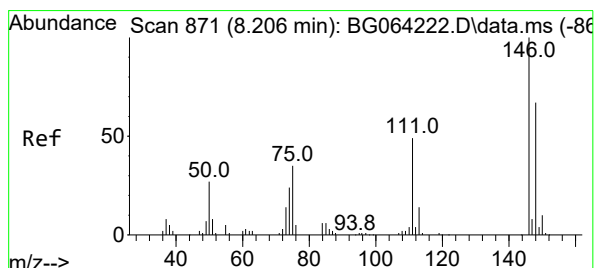
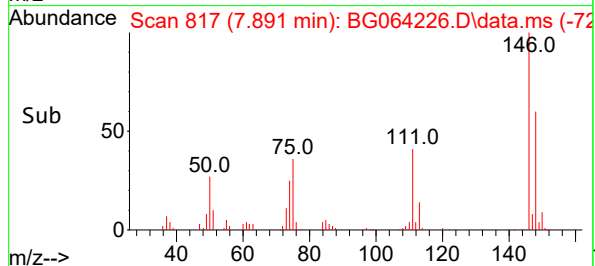
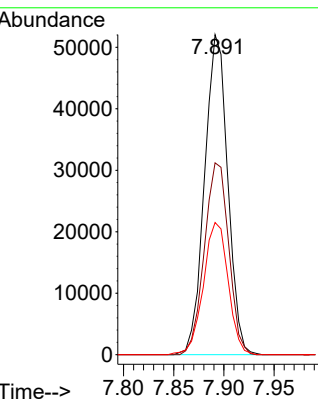
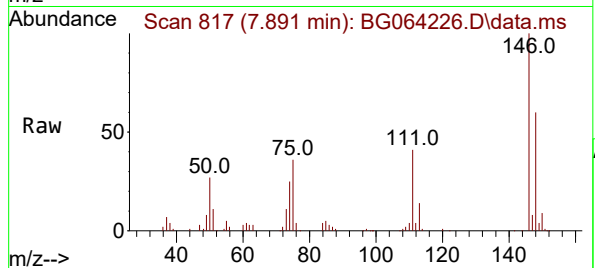
111 41.3 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#14

1,2-Dichlorobenzene

Concen: 39.476 ng

RT: 8.208 min Scan# 871

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

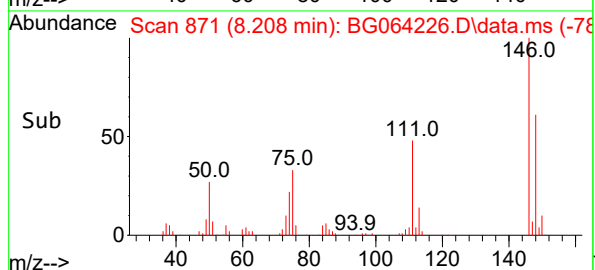
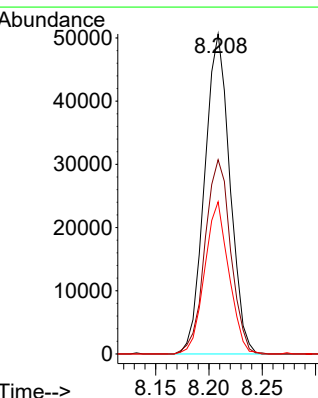
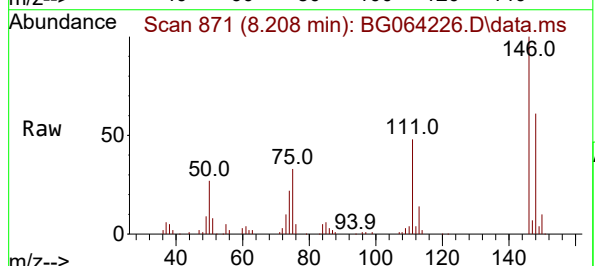
Tgt Ion:146 Resp: 83276

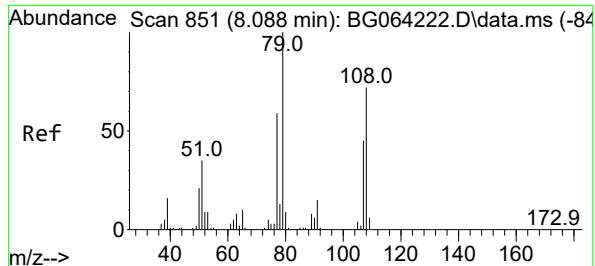
Ion Ratio Lower Upper

146 100

148 60.7 53.4 80.0

111 47.5 39.1 58.7





#15

Benzyl Alcohol

Concen: 38.856 ng

RT: 8.091 min Scan# 80

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

Tgt Ion: 79 Resp: 8206

Ion Ratio Lower Upper

79 100

108 72.4 57.4 86.0

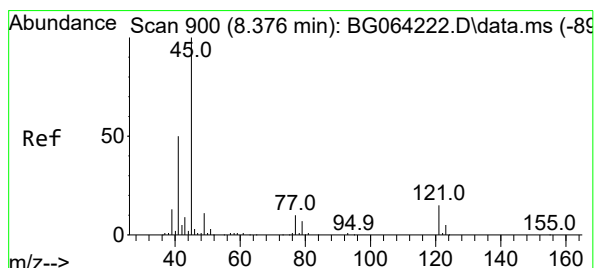
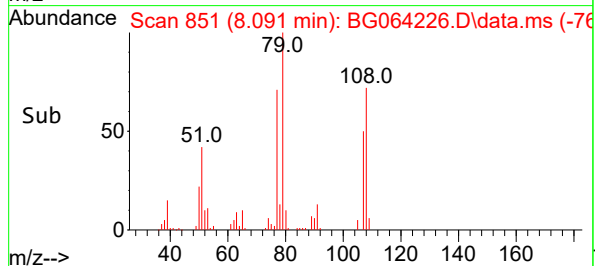
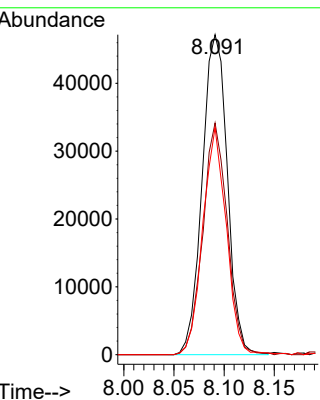
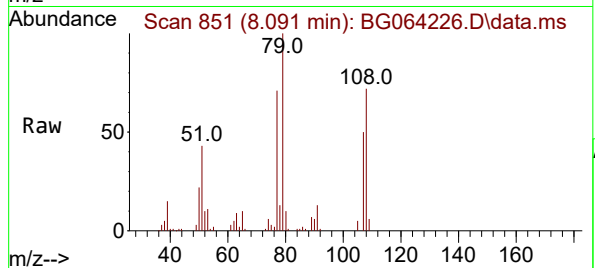
77 71.0 47.2 70.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.690 ng

RT: 8.385 min Scan# 901

Delta R.T. 0.009 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

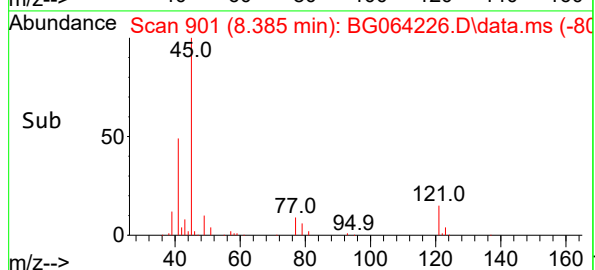
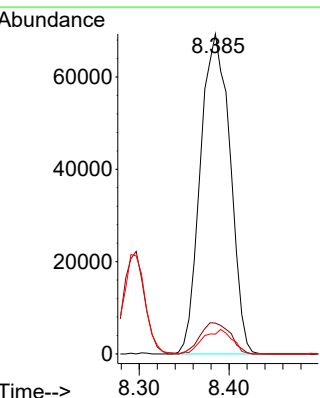
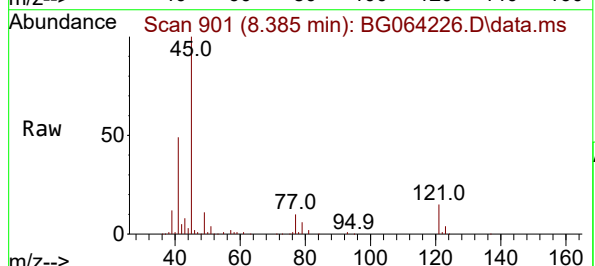
Tgt Ion: 45 Resp: 158838

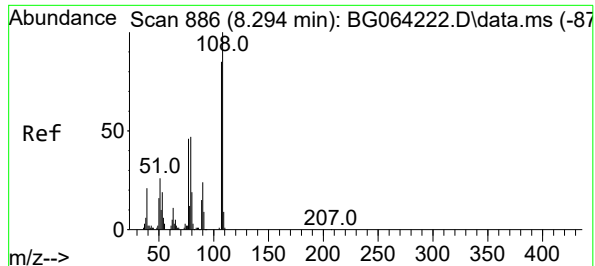
Ion Ratio Lower Upper

45 100

77 9.7 0.0 30.0

79 6.2 0.0 27.9





#17

2-Methylphenol

Concen: 37.241 ng

RT: 8.297 min Scan# 886

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

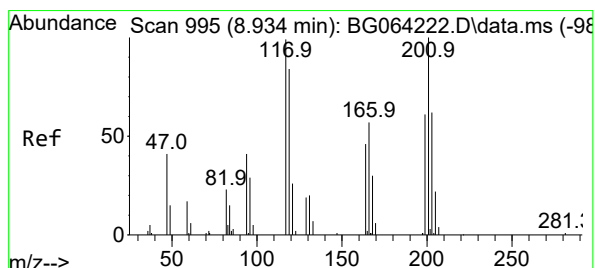
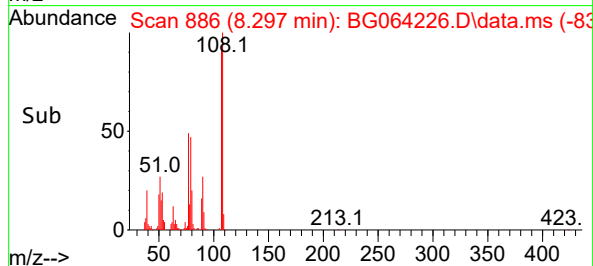
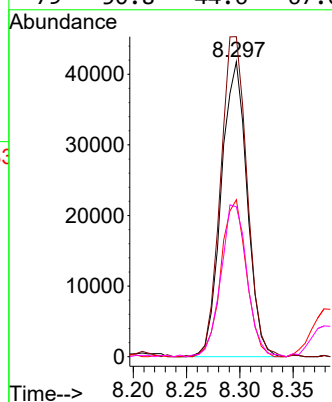
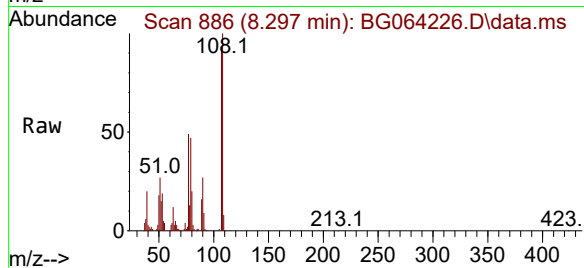
Tgt Ion:	107	Resp:	7003
Ion	Ratio	Lower	Upper
107	100		
108	108.5	94.6	141.8
77	53.2	43.7	65.5
79	50.8	44.6	67.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#18

Hexachloroethane

Concen: 36.223 ng

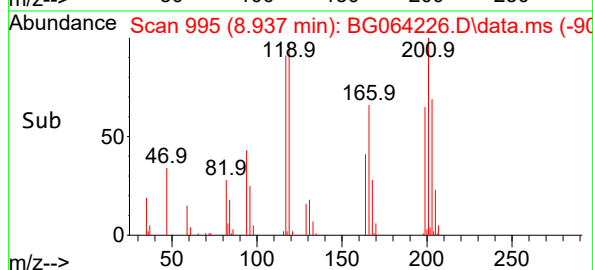
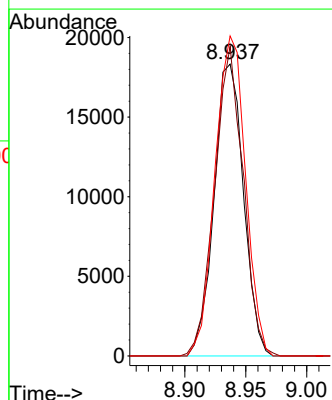
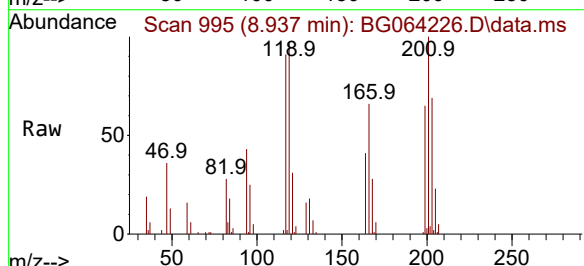
RT: 8.937 min Scan# 995

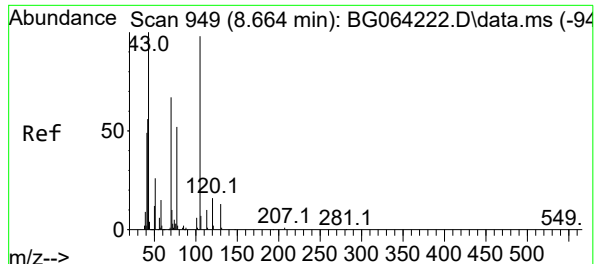
Delta R.T. 0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Tgt Ion:	117	Resp:	30906
Ion	Ratio	Lower	Upper
117	100		
119	103.9	67.9	101.9
201	107.4	80.5	120.7





#19

n-Nitroso-di-n-propylamine

Concen: 39.592 ng

RT: 8.661 min Scan# 94

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

Tgt Ion: 70 Resp: 69352

Ion Ratio Lower Upper

70 100

42 86.8 67.9 101.9

101 9.3 7.3 10.9

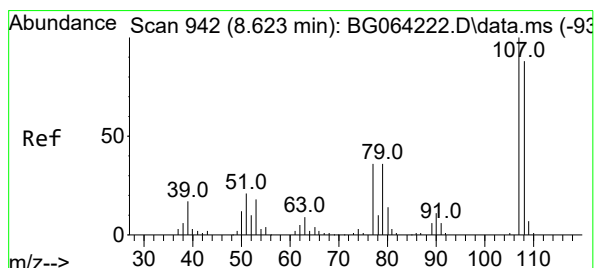
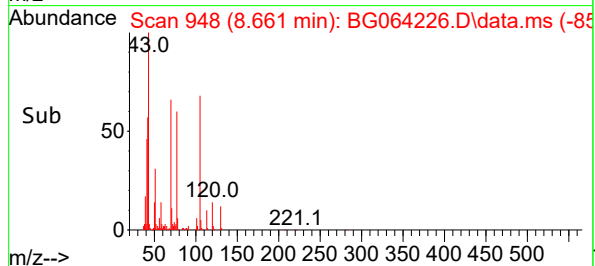
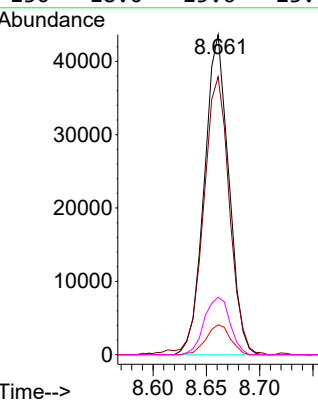
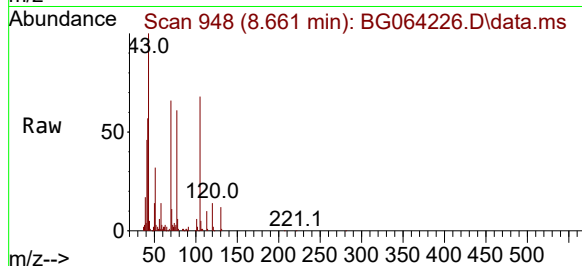
130 18.0 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#20

3+4-Methylphenols

Concen: 37.186 ng

RT: 8.620 min Scan# 941

Delta R.T. -0.009 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Tgt Ion:107 Resp: 97172

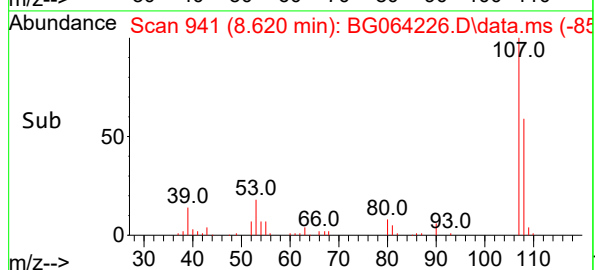
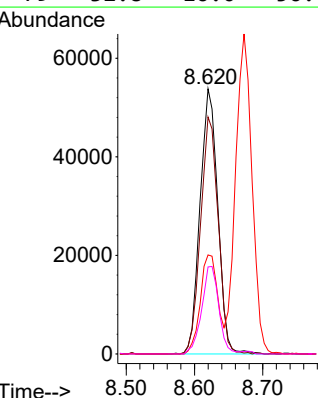
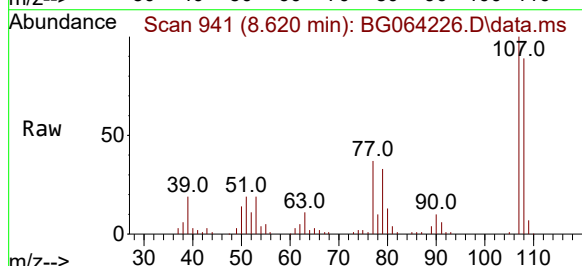
Ion Ratio Lower Upper

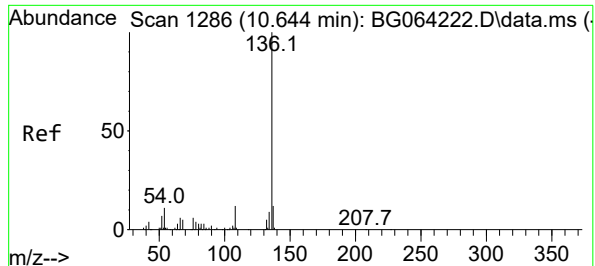
107 100

108 89.4 68.1 108.1

77 37.3 15.9 55.9

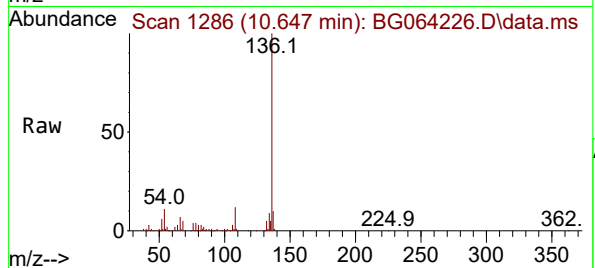
79 32.8 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.647 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

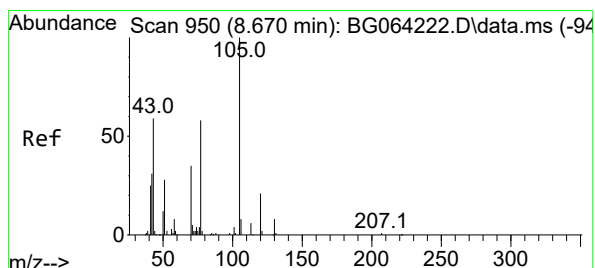
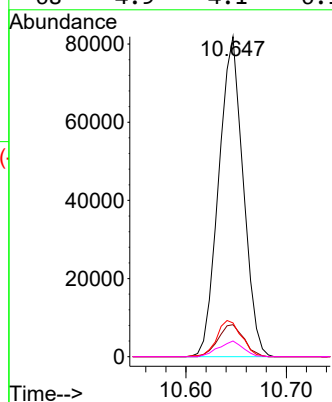
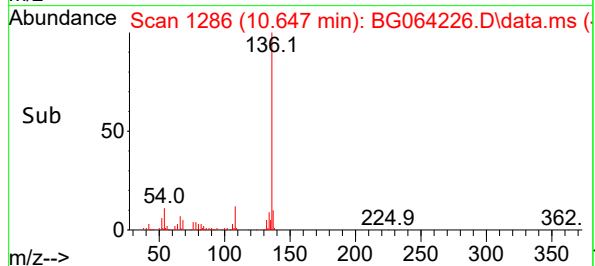
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:136 Resp: 13832
Ion Ratio Lower Upper
136 100
137 10.0 9.6 14.4
54 10.5 8.8 13.2
68 4.9 4.1 6.1

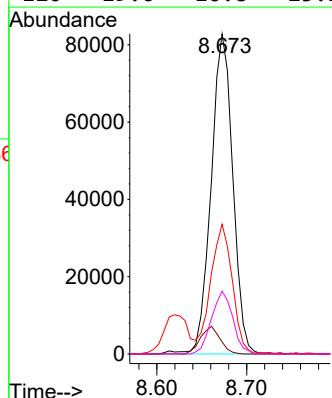
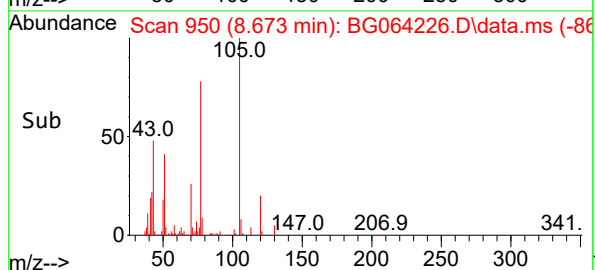
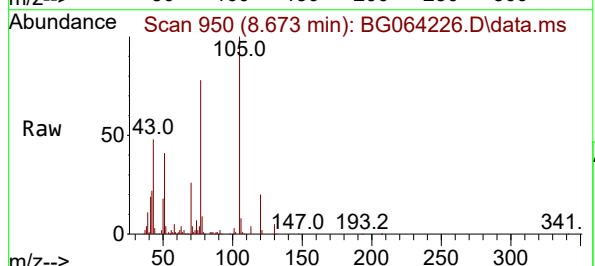
Manual Integrations
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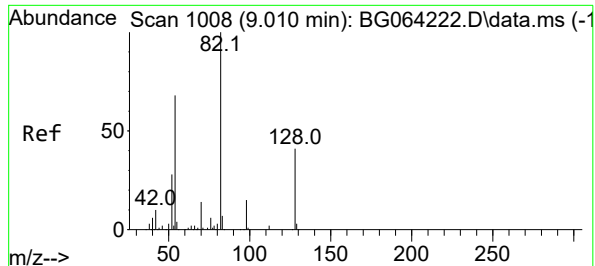
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#22
Acetophenone
Concen: 39.493 ng
RT: 8.673 min Scan# 950
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:105 Resp: 138203
Ion Ratio Lower Upper
105 100
71 3.8 4.3 6.5#
51 40.5 32.4 48.6
120 19.6 16.8 25.2





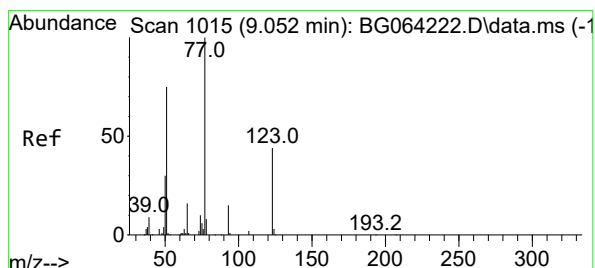
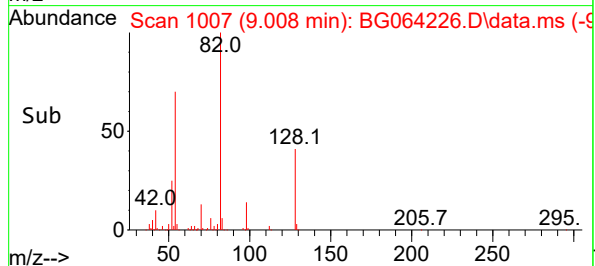
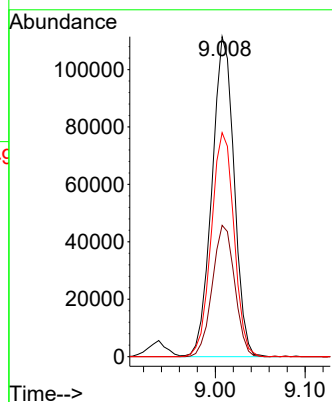
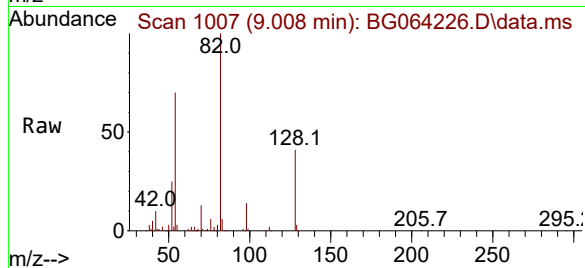
#23
Nitrobenzene-d5
Concen: 76.975 ng
RT: 9.008 min Scan# 1007
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Tgt Ion: 82 Resp: 190915
Ion Ratio Lower Upper
82 100
128 41.1 32.6 48.8
54 70.0 54.7 82.1

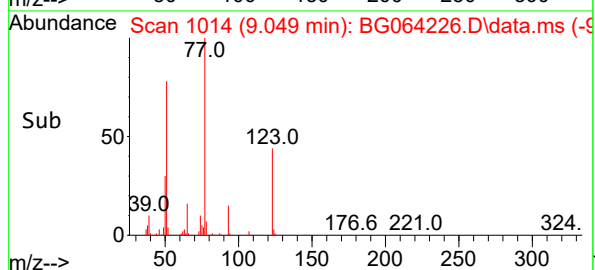
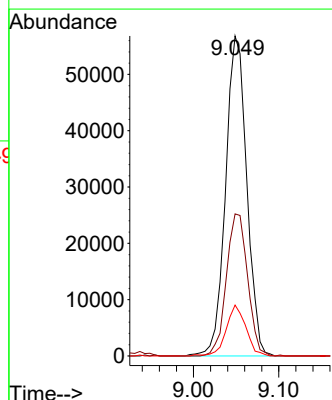
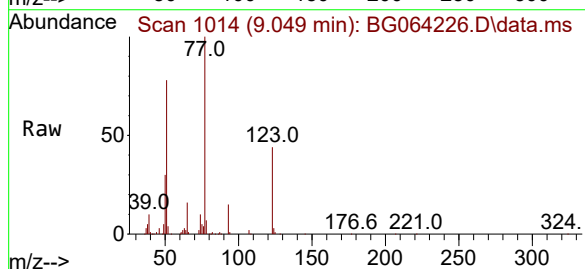
Manual Integrations
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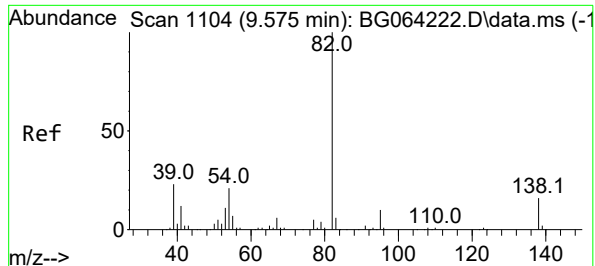
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#24
Nitrobenzene
Concen: 37.815 ng
RT: 9.049 min Scan# 1014
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

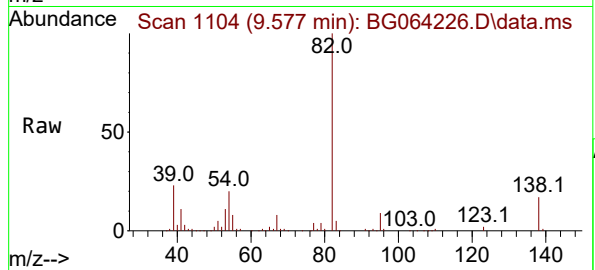
Tgt Ion: 77 Resp: 97991
Ion Ratio Lower Upper
77 100
123 44.4 35.2 52.8
65 15.9 12.6 19.0





#25
Isophorone
Concen: 39.413 ng
RT: 9.577 min Scan# 1104
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

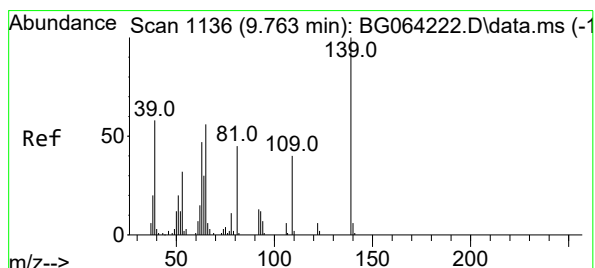
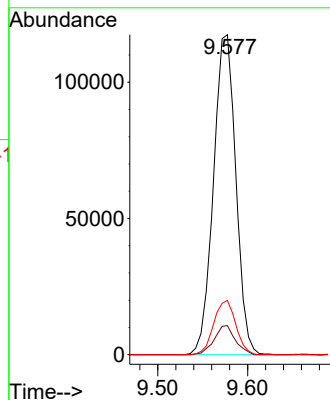
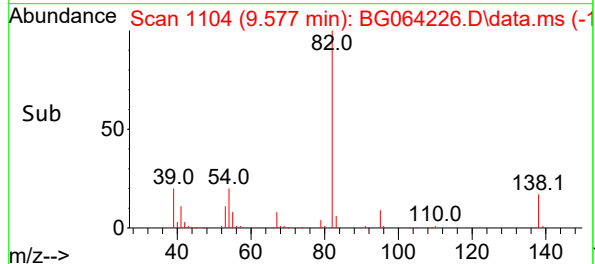
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion: 82 Resp: 20315
Ion Ratio Lower Upper
82 100
95 9.1 7.9 11.9
138 16.9 13.0 19.4

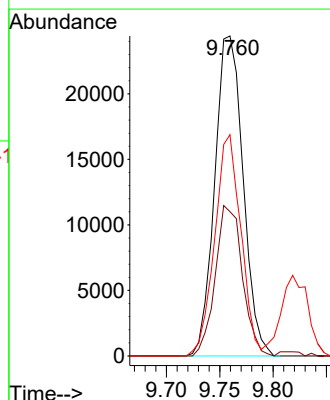
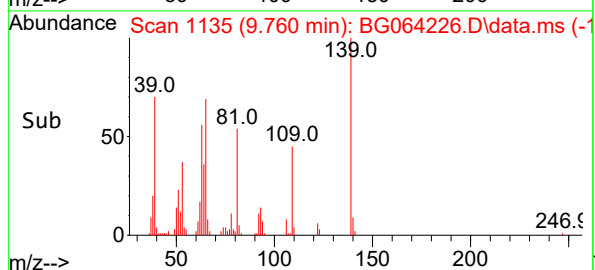
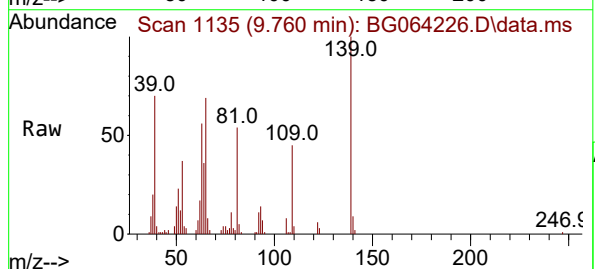
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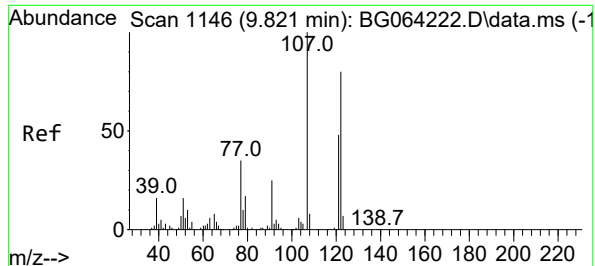
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#26
2-Nitrophenol
Concen: 40.318 ng
RT: 9.760 min Scan# 1135
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:139 Resp: 45144
Ion Ratio Lower Upper
139 100
109 45.1 32.4 48.6
65 69.2 44.6 67.0#





#27

2,4-Dimethylphenol

Concen: 41.907 ng

RT: 9.824 min Scan# 1146

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

Tgt Ion:122 Resp: 8238

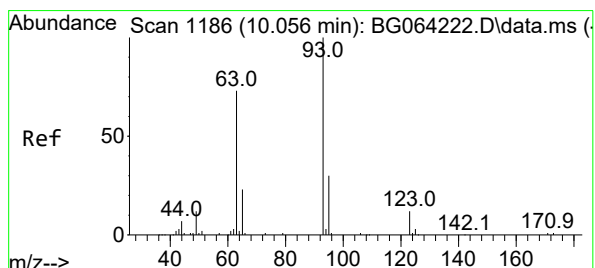
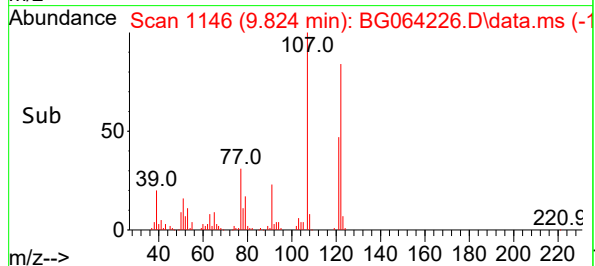
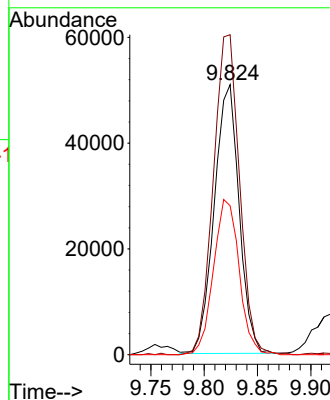
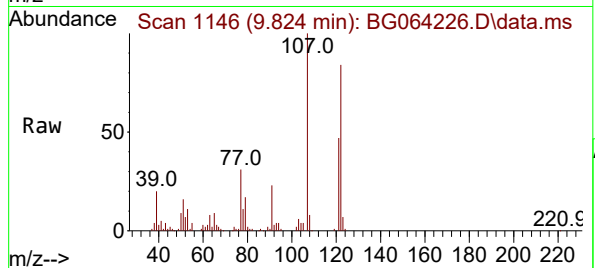
Ion	Ratio	Lower	Upper
122	100		
107	118.4	99.9	149.9
121	55.2	48.6	72.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#28

bis(2-Chloroethoxy)methane

Concen: 38.946 ng

RT: 10.059 min Scan# 1186

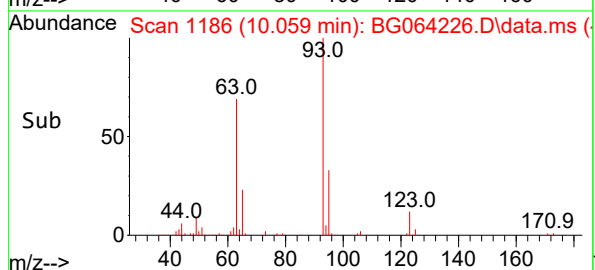
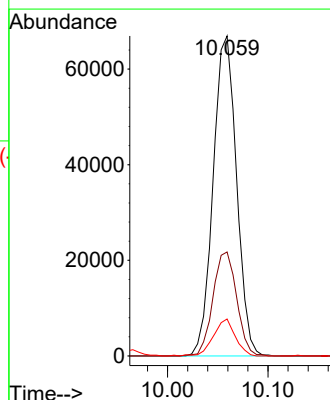
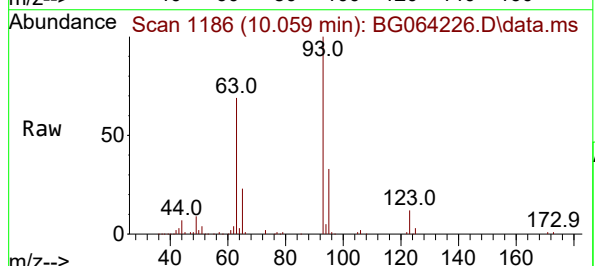
Delta R.T. -0.003 min

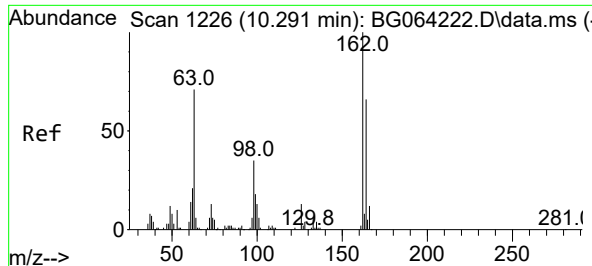
Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Tgt Ion: 93 Resp: 108249

Ion	Ratio	Lower	Upper
93	100		
95	32.5	23.9	35.9
123	11.5	9.6	14.4





#29

2,4-Dichlorophenol

Concen: 37.784 ng

RT: 10.288 min Scan# 1225

Delta R.T. -0.009 min

Lab File: BG064226.D

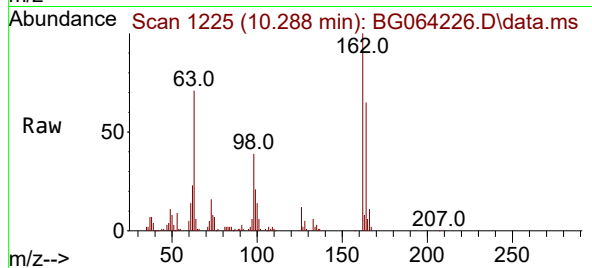
Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825



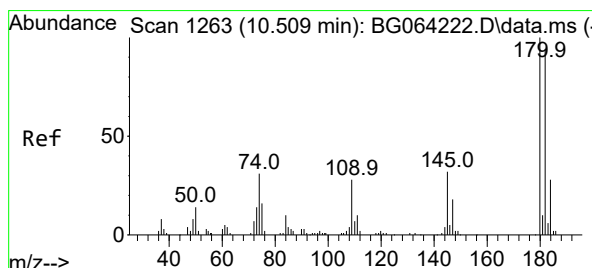
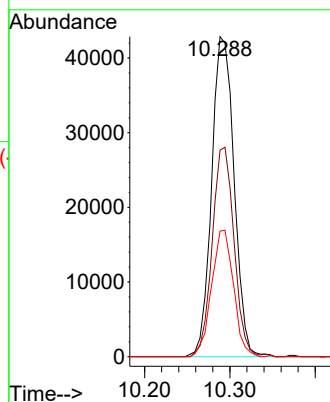
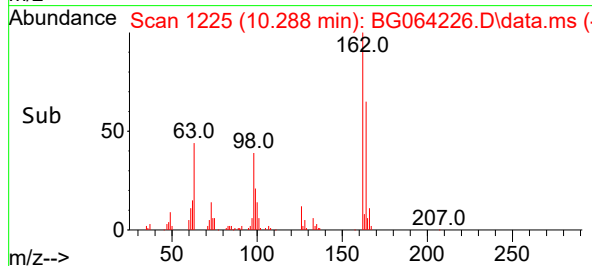
Tgt Ion:	162	Resp:	7837
Ion Ratio	Lower	Upper	
162	100		
164	64.6	45.8	85.8
98	39.2	15.2	55.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#30

1,2,4-Trichlorobenzene

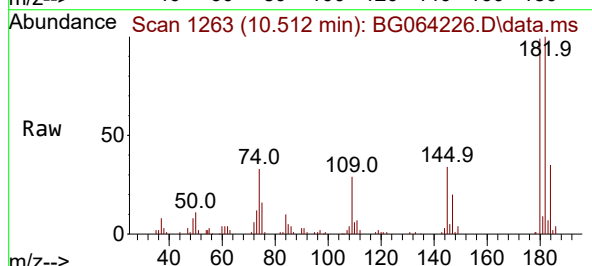
Concen: 38.773 ng

RT: 10.512 min Scan# 1263

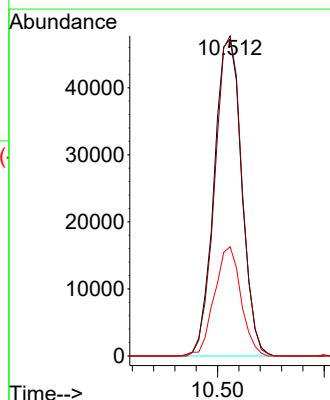
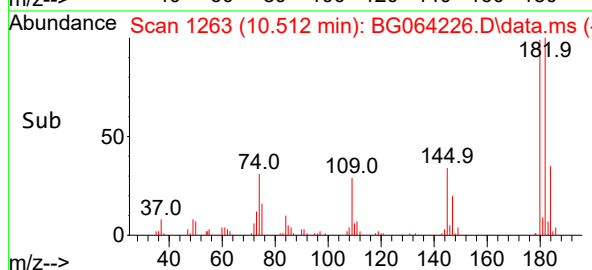
Delta R.T. 0.003 min

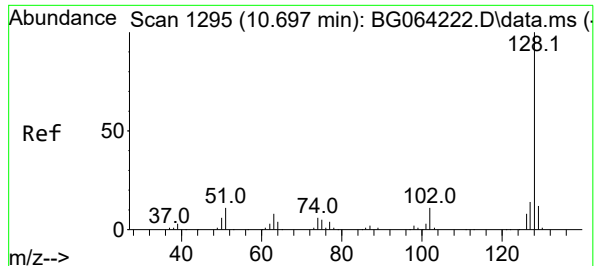
Lab File: BG064226.D

Acq: 28 Aug 2025 18:19



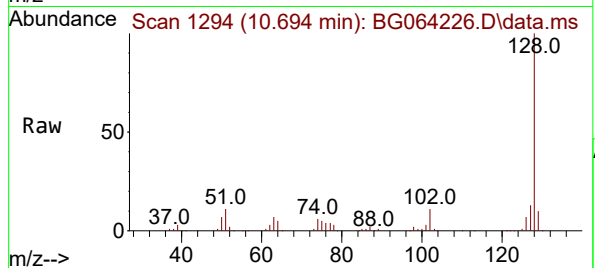
Tgt Ion:	180	Resp:	84798
Ion Ratio	Lower	Upper	
180	100		
182	100.9	75.0	112.6
145	34.5	25.4	38.0





#31
Naphthalene
Concen: 37.507 ng
RT: 10.694 min Scan# 1295
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

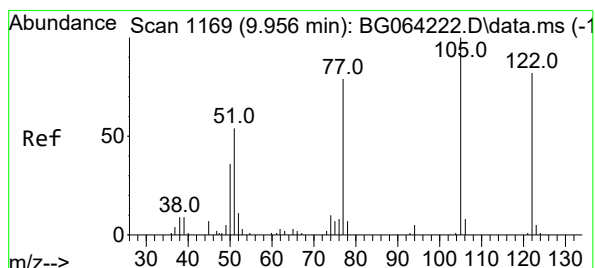
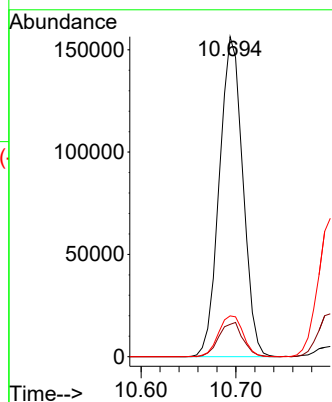
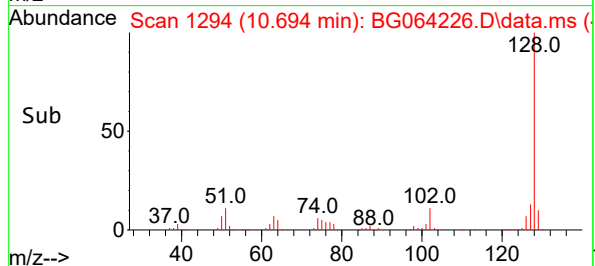
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:128 Resp: 269029
Ion Ratio Lower Upper
128 100
129 10.1 9.4 14.2
127 12.8 10.9 16.3

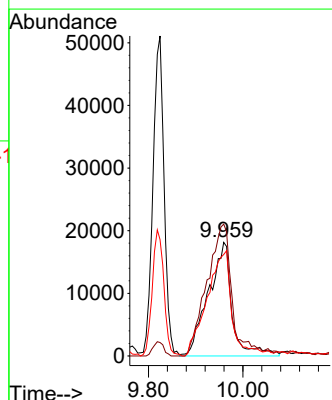
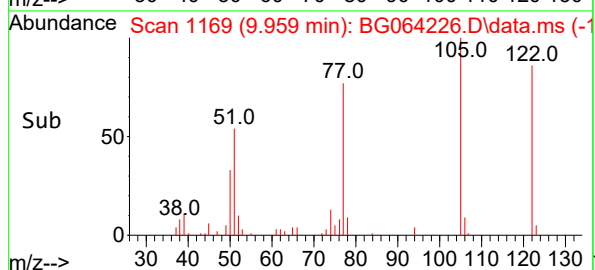
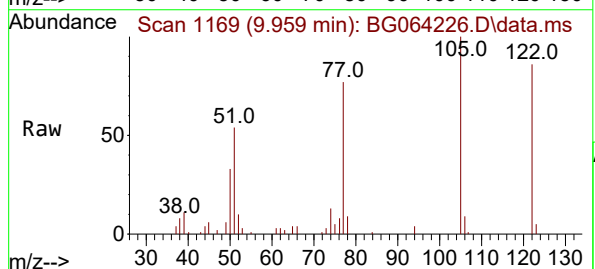
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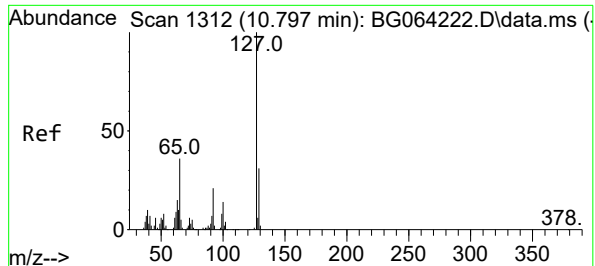
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#32
Benzoic acid
Concen: 40.656 ng m
RT: 9.959 min Scan# 1169
Delta R.T. -0.056 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

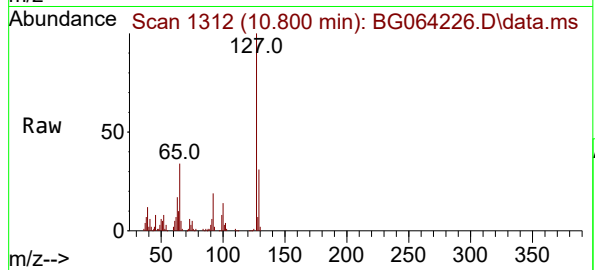
Tgt Ion:122 Resp: 63444
Ion Ratio Lower Upper
122 100
105 116.0 98.5 138.5
77 89.2 74.6 114.6





#33
4-Chloroaniline
Concen: 43.702 ng
RT: 10.800 min Scan# 1312
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

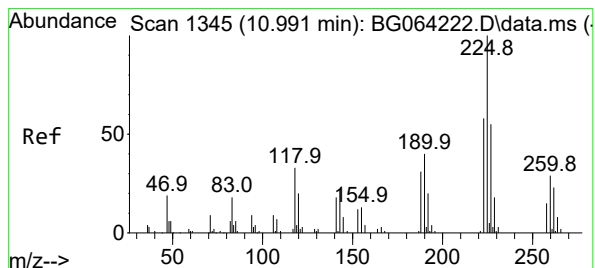
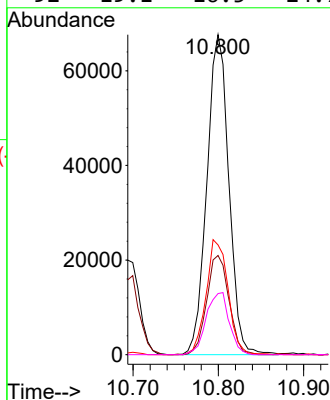
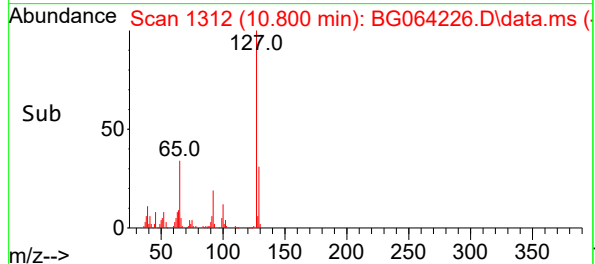
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:127 Resp: 121492
Ion Ratio Lower Upper
127 100
129 31.0 25.0 37.4
65 34.3 28.7 43.1
92 19.1 16.5 24.7

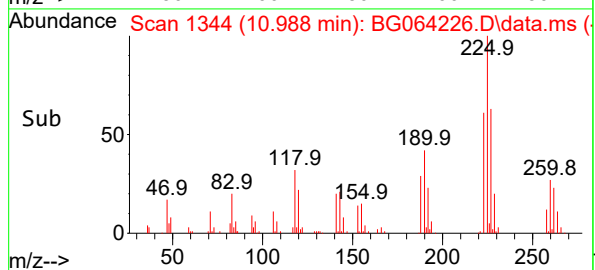
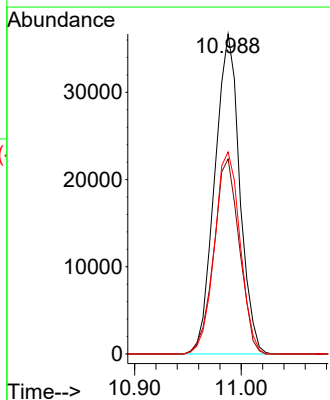
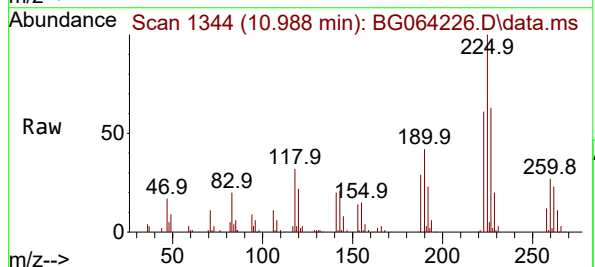
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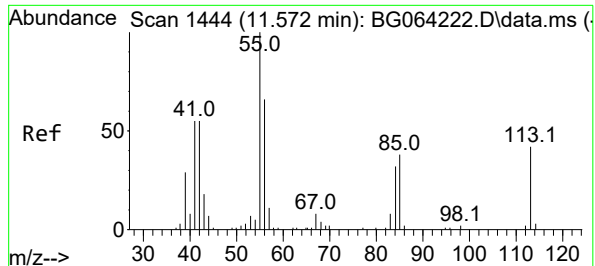
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#34
Hexachlorobutadiene
Concen: 36.817 ng
RT: 10.988 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:225 Resp: 59520
Ion Ratio Lower Upper
225 100
223 60.9 46.5 69.7
227 63.2 44.1 66.1





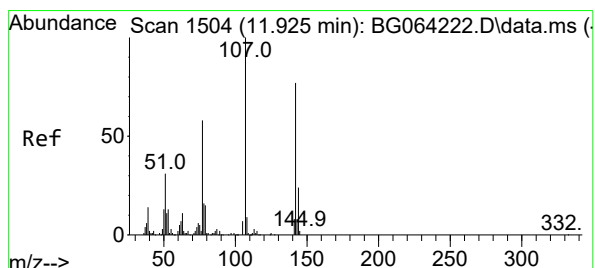
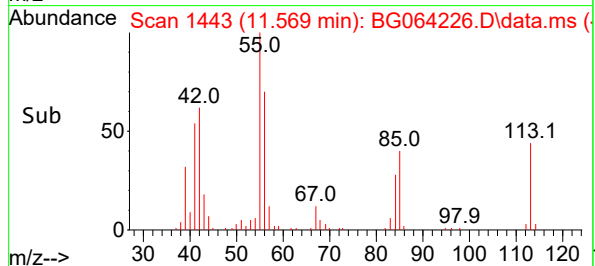
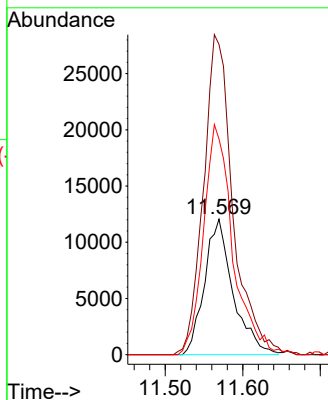
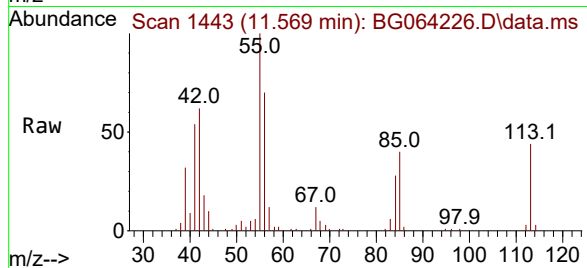
#35
 Caprolactam
 Concen: 38.456 ng
 RT: 11.569 min Scan# 1443
 Delta R.T. -0.033 min
 Lab File: BG064226.D
 Acq: 28 Aug 2025 18:19

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082825

Tgt Ion:113 Resp: 30880
 Ion Ratio Lower Upper
 113 100
 55 229.0 218.5 258.5
 56 159.2 138.5 178.5

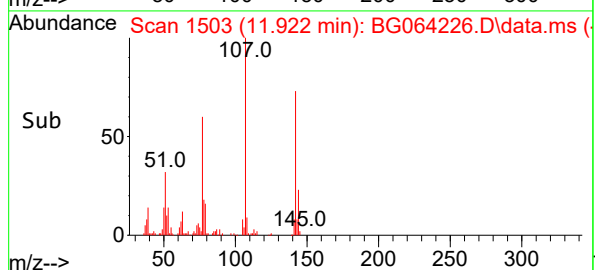
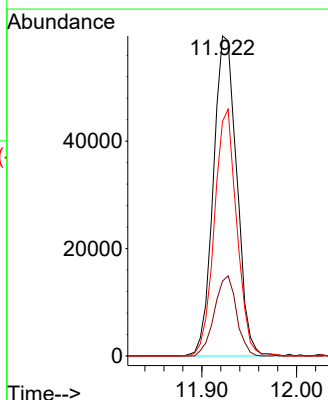
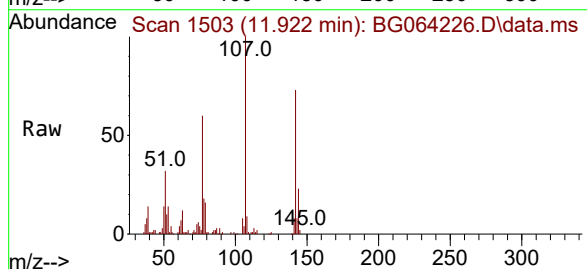
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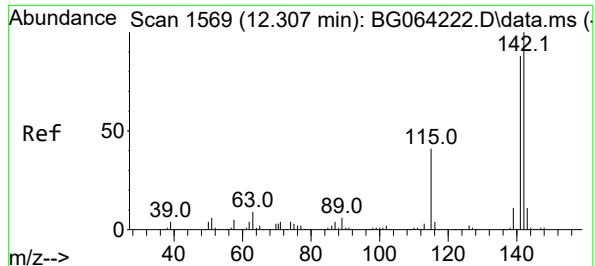
Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025



#36
 4-Chloro-3-methylphenol
 Concen: 38.019 ng
 RT: 11.922 min Scan# 1503
 Delta R.T. -0.009 min
 Lab File: BG064226.D
 Acq: 28 Aug 2025 18:19

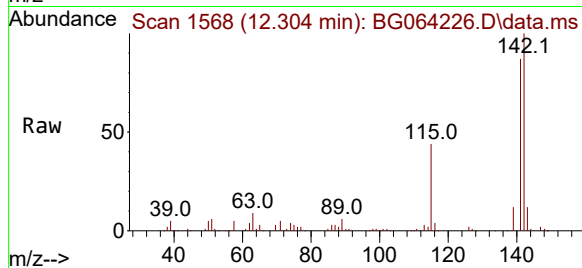
Tgt Ion:107 Resp: 102318
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.5 29.3
 142 73.3 62.0 93.0





#37
2-Methylnaphthalene
Concen: 34.277 ng
RT: 12.304 min Scan# 1569
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

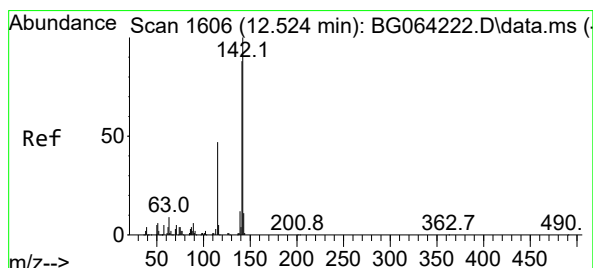
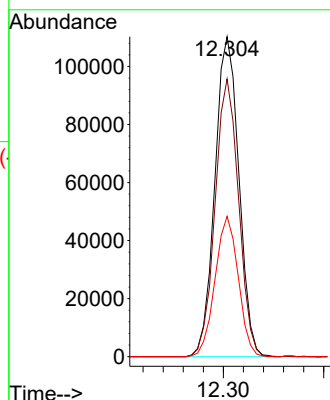
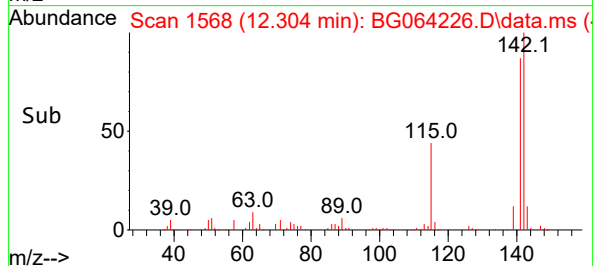
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:142 Resp: 182749
Ion Ratio Lower Upper
142 100
141 86.8 70.1 105.1
115 43.8 33.1 49.7

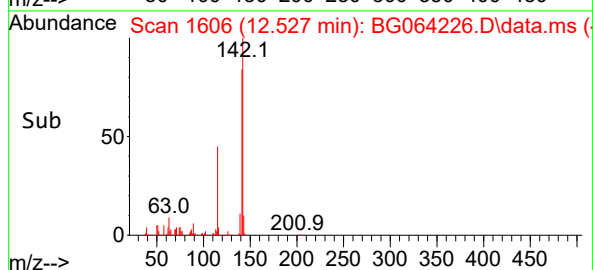
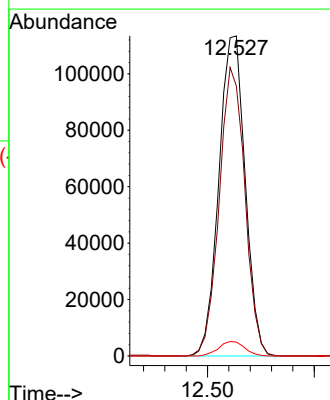
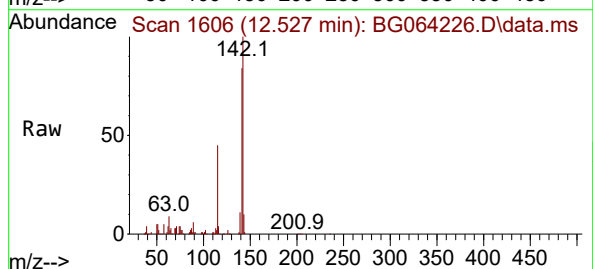
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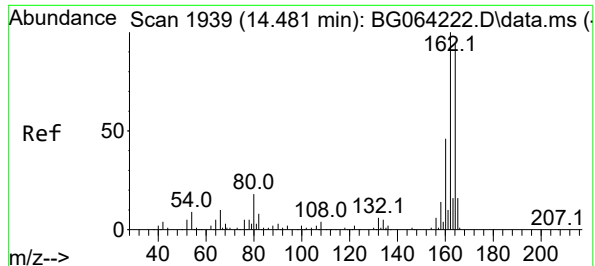
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#38
1-Methylnaphthalene
Concen: 36.825 ng
RT: 12.527 min Scan# 1606
Delta R.T. 0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:142 Resp: 193924
Ion Ratio Lower Upper
142 100
141 84.3 70.3 105.5
116 4.3 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.483 min Scan# 1939

Delta R.T. 0.002 min

Lab File: BG064226.D

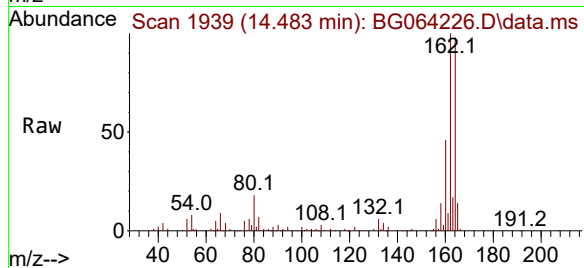
Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825



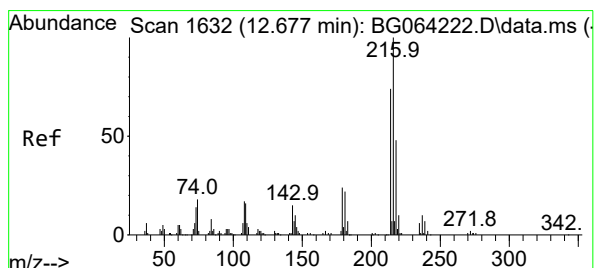
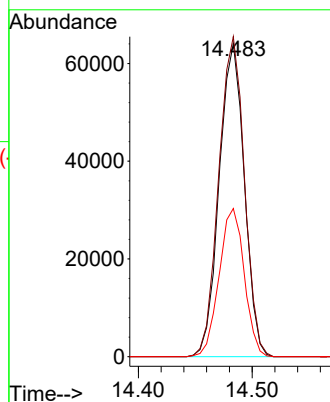
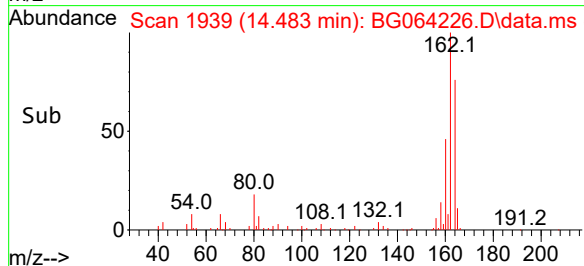
Tgt Ion:	164	Resp:	98110
Ion	Ratio	Lower	Upper
164	100		
162	102.1	85.4	128.0
160	47.3	39.2	58.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#40

1,2,4,5-Tetrachlorobenzene

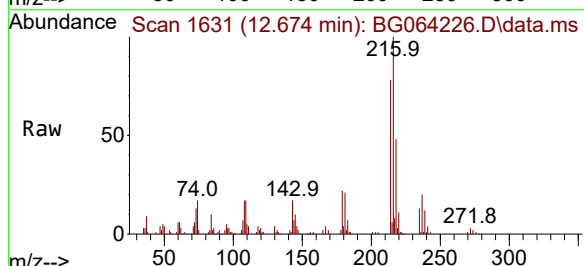
Concen: 38.648 ng

RT: 12.674 min Scan# 1631

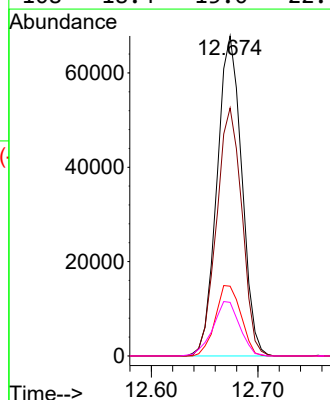
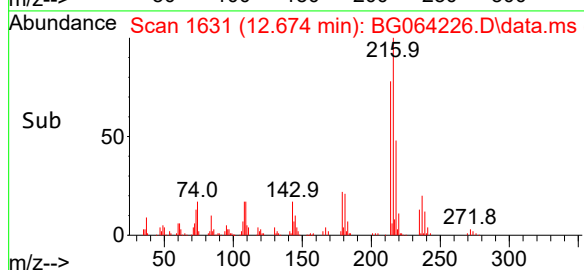
Delta R.T. -0.003 min

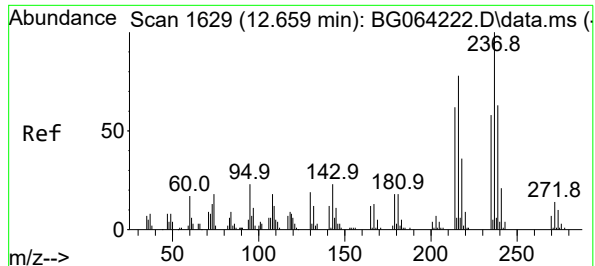
Lab File: BG064226.D

Acq: 28 Aug 2025 18:19



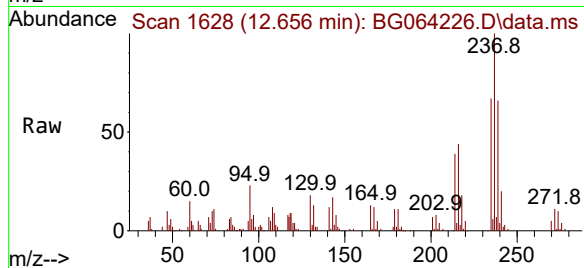
Tgt Ion:	216	Resp:	109403
Ion	Ratio	Lower	Upper
216	100		
214	79.0	61.9	92.9
179	22.7	17.9	26.9
108	18.4	15.0	22.4





#41
Hexachlorocyclopentadiene
Concen: 51.474 ng
RT: 12.656 min Scan# 1628
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

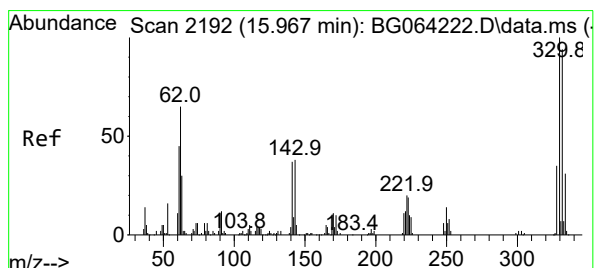
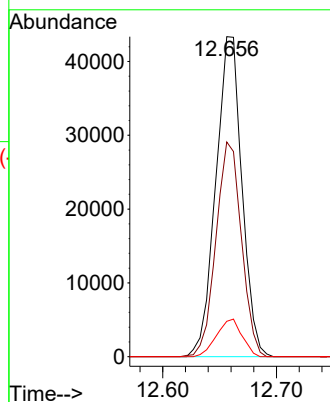
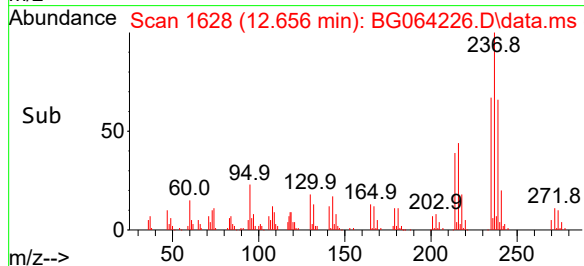
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:237 Resp: 69252
Ion Ratio Lower Upper
237 100
235 67.1 37.9 77.9
272 11.1 0.0 33.8

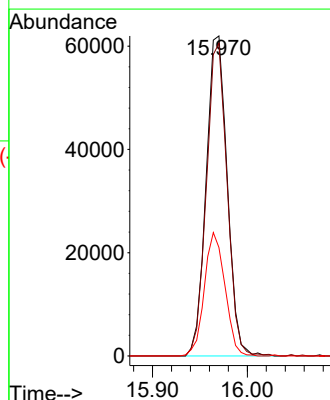
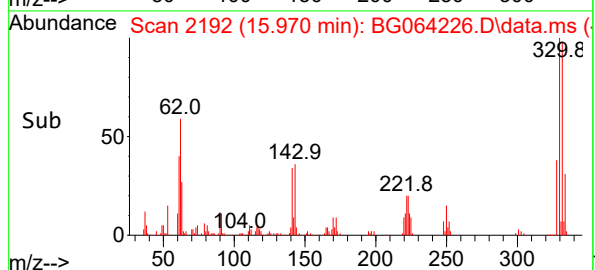
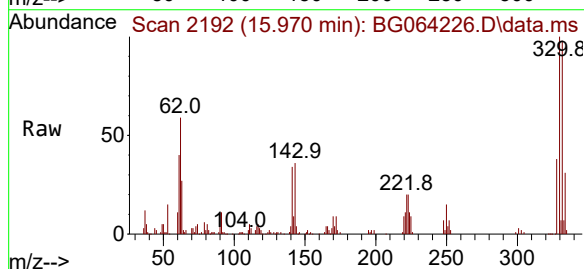
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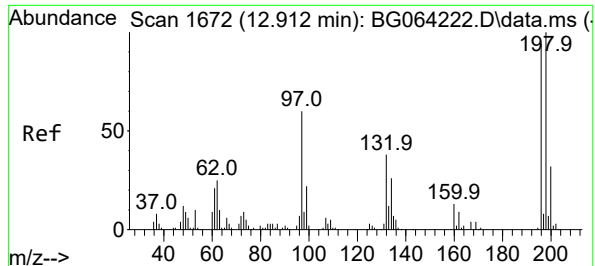
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#42
2,4,6-Tribromophenol
Concen: 73.586 ng
RT: 15.970 min Scan# 2192
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:330 Resp: 95626
Ion Ratio Lower Upper
330 100
332 95.8 77.6 116.4
141 37.7 29.8 44.6





#43

2,4,6-Trichlorophenol

Concen: 39.413 ng

RT: 12.909 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG064226.D

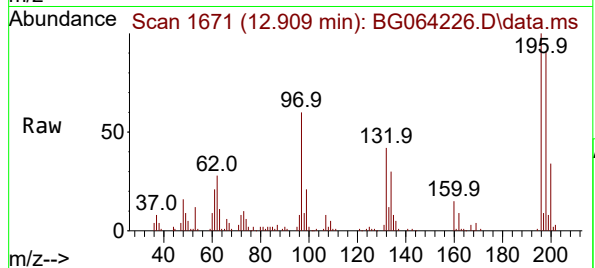
Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825



Tgt Ion:196 Resp: 7457

Ion Ratio Lower Upper

196 100

198 90.8 85.4 128.2

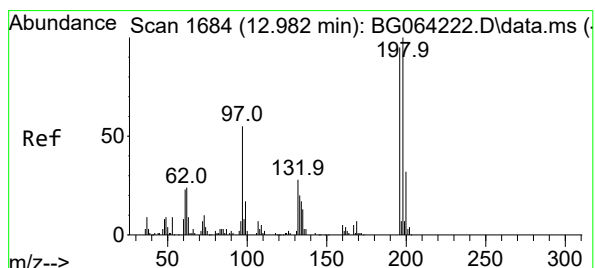
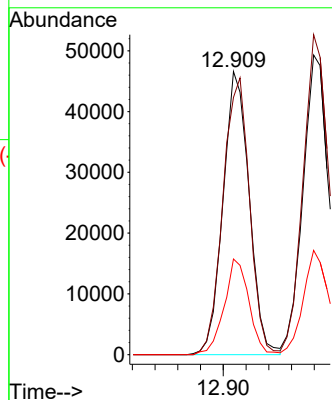
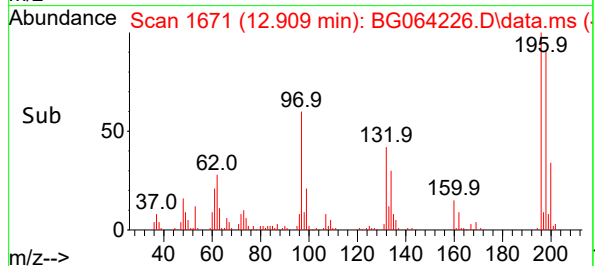
200 33.8 27.3 40.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#44

2,4,5-Trichlorophenol

Concen: 38.249 ng

RT: 12.979 min Scan# 1683

Delta R.T. -0.009 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Tgt Ion:196 Resp: 78503

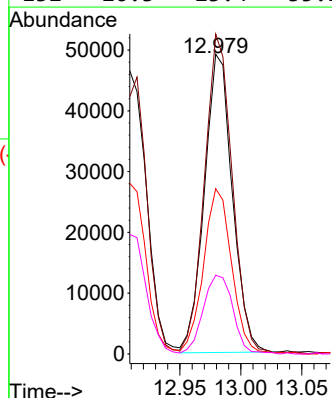
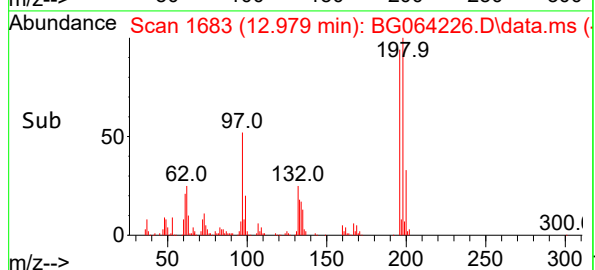
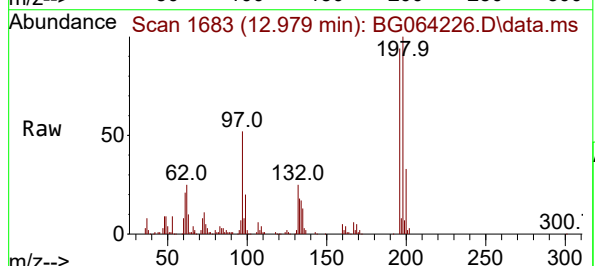
Ion Ratio Lower Upper

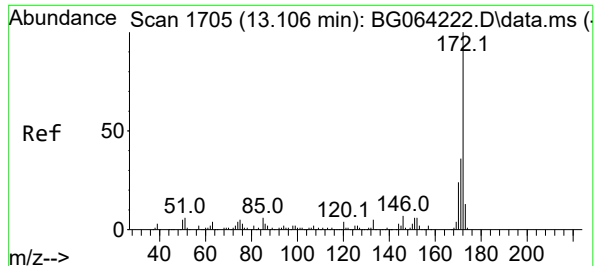
196 100

198 106.8 84.5 126.7

97 55.2 46.8 70.2

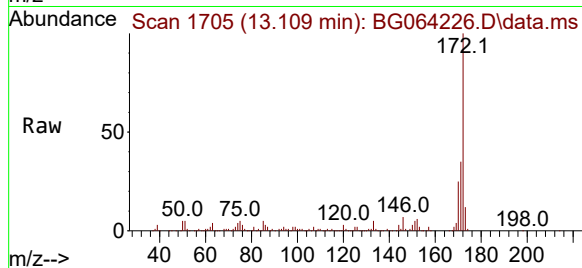
132 26.3 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 75.105 ng
RT: 13.109 min Scan# 1705
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

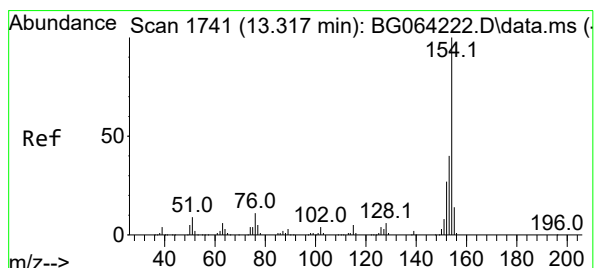
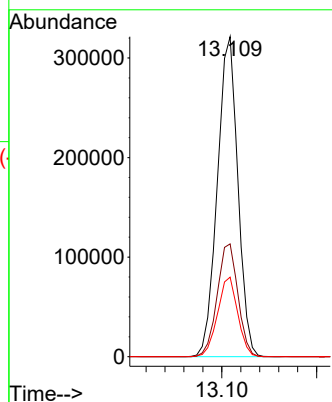
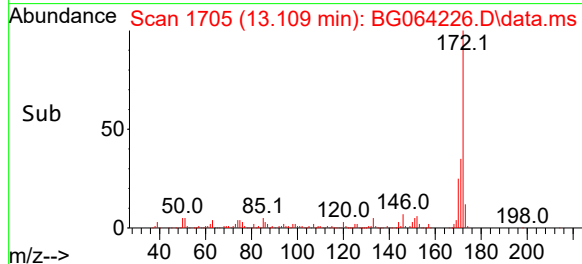
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:172 Resp: 48275
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 24.9 19.0 28.6

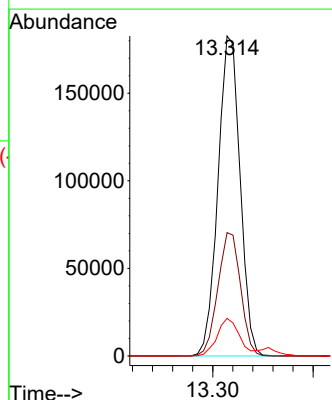
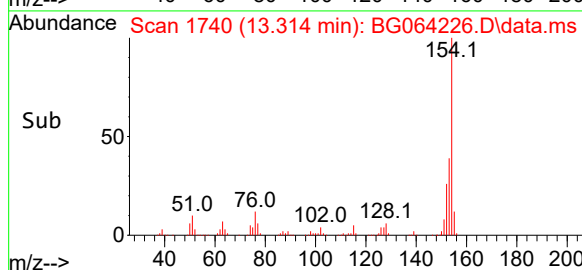
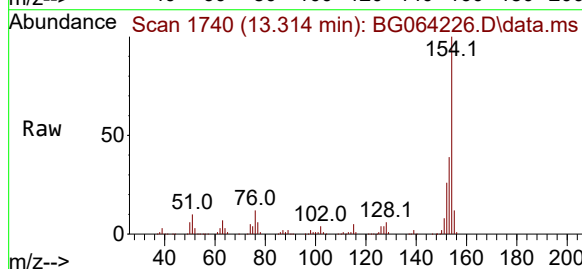
Manual Integrations
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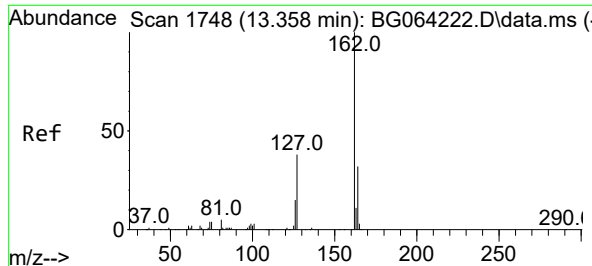
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#46
1,1'-Biphenyl
Concen: 39.011 ng
RT: 13.314 min Scan# 1740
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

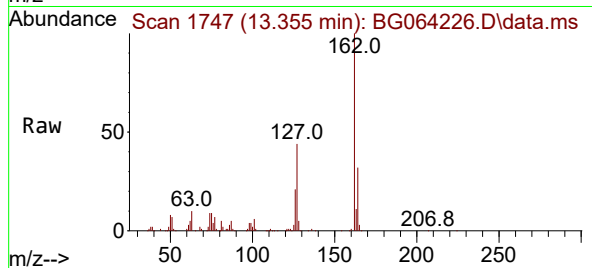
Tgt Ion:154 Resp: 278762
Ion Ratio Lower Upper
154 100
153 38.5 19.9 59.9
76 11.7 0.0 30.9





#47
2-Chloronaphthalene
Concen: 38.279 ng
RT: 13.355 min Scan# 1748
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

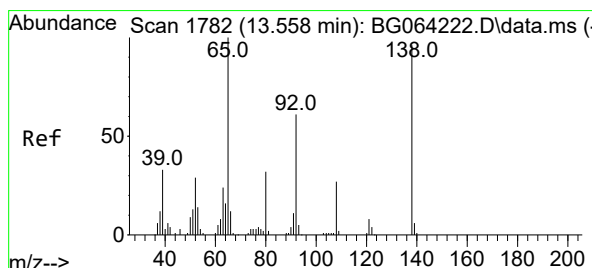
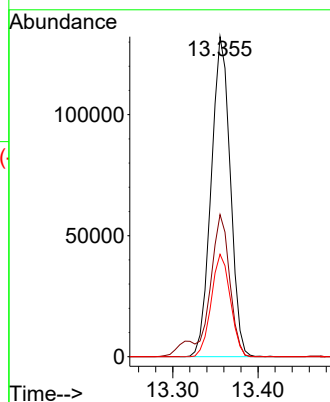
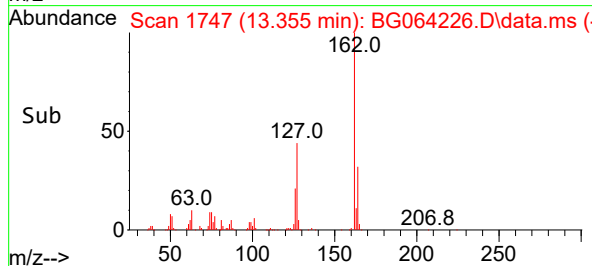
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:162 Resp: 20564
Ion Ratio Lower Upper
162 100
127 44.4 33.9 50.9
164 32.0 25.4 38.2

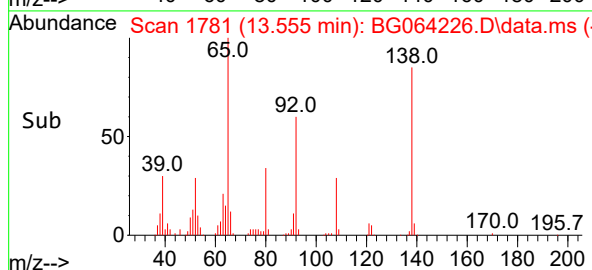
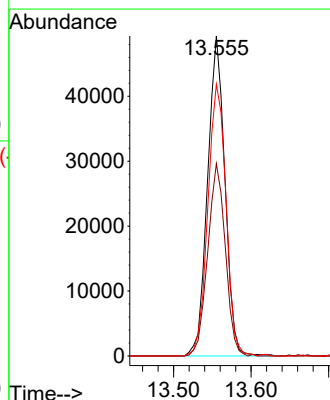
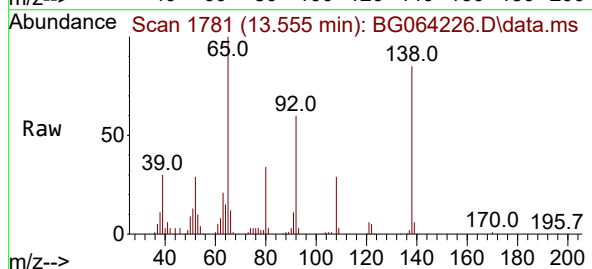
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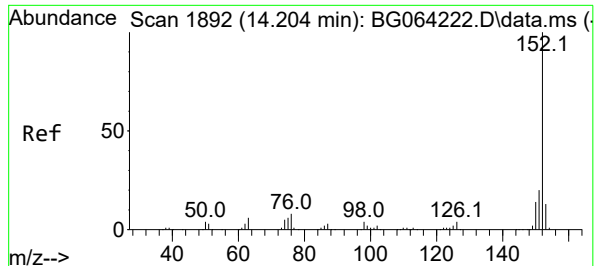
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#48
2-Nitroaniline
Concen: 41.777 ng
RT: 13.555 min Scan# 1781
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion: 65 Resp: 76496
Ion Ratio Lower Upper
65 100
92 60.1 49.2 73.8
138 84.9 76.8 115.2





#49

Acenaphthylene

Concen: 43.553 ng

RT: 14.201 min Scan# 1891

Delta R.T. -0.003 min

Lab File: BG064226.D

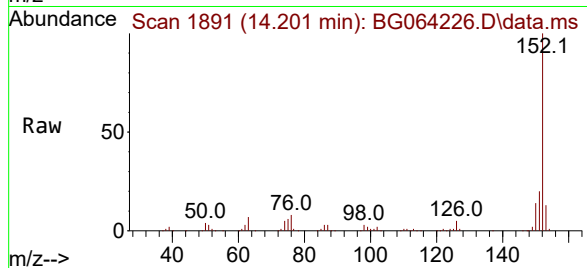
Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825



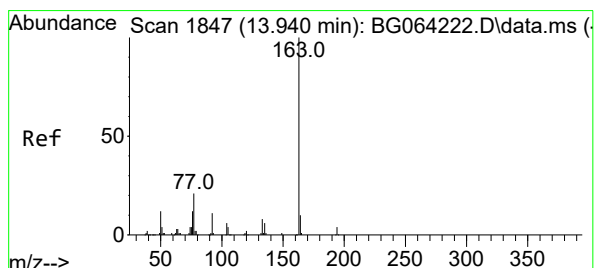
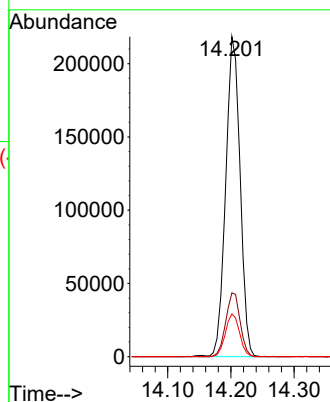
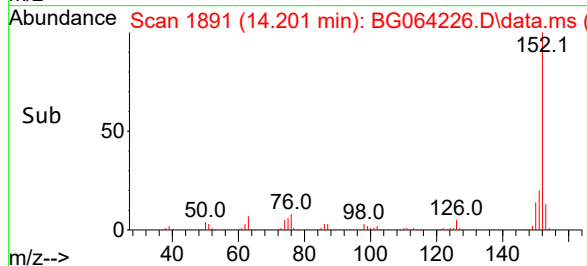
Tgt Ion:152	Resp: 34586
Ion Ratio	Lower Upper
152	100
151	20.0 16.2 24.2
153	13.4 10.1 15.1

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#50

Dimethylphthalate

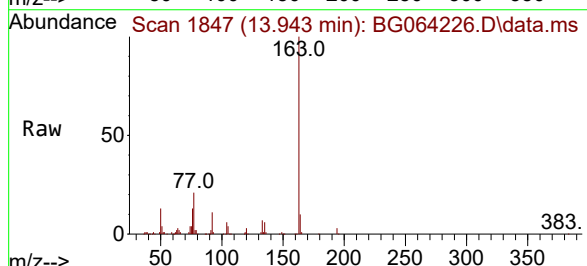
Concen: 37.909 ng

RT: 13.943 min Scan# 1847

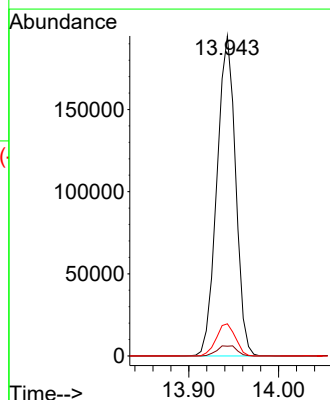
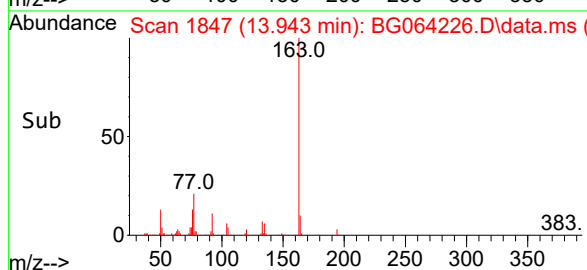
Delta R.T. -0.003 min

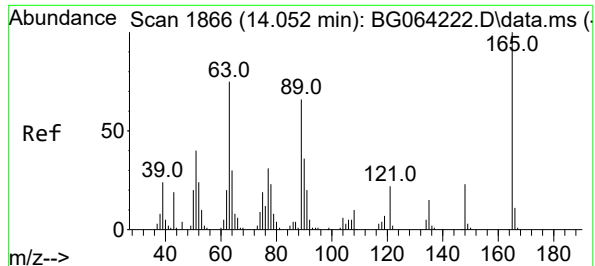
Lab File: BG064226.D

Acq: 28 Aug 2025 18:19



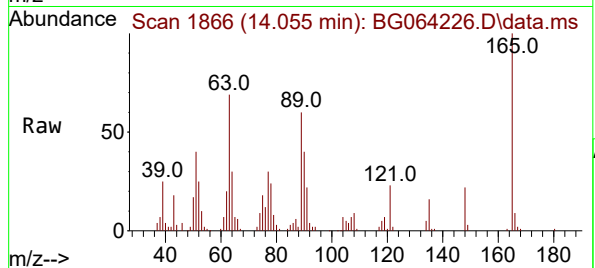
Tgt Ion:163	Resp: 281514
Ion Ratio	Lower Upper
163	100
194	3.0 3.0 4.4
164	10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 42.818 ng
RT: 14.055 min Scan# 1866
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

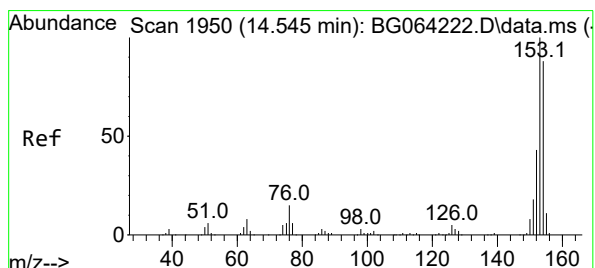
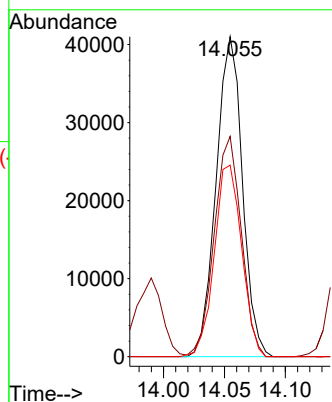
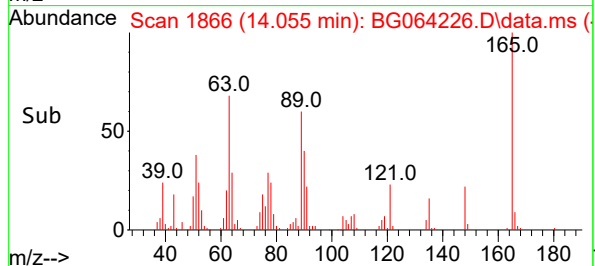
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:165 Resp: 61558
Ion Ratio Lower Upper
165 100
63 68.9 60.3 90.5
89 59.9 52.9 79.3

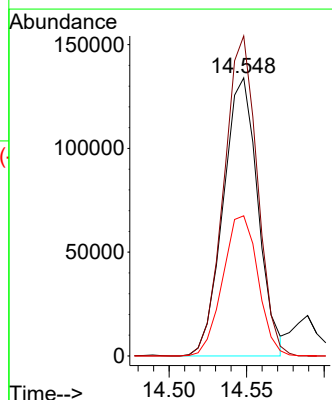
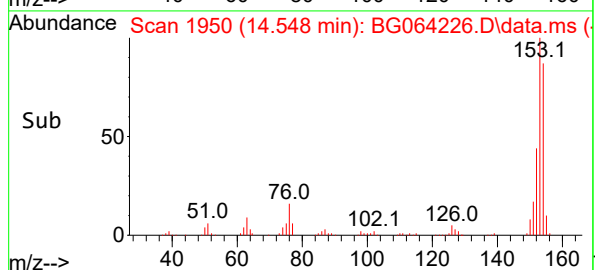
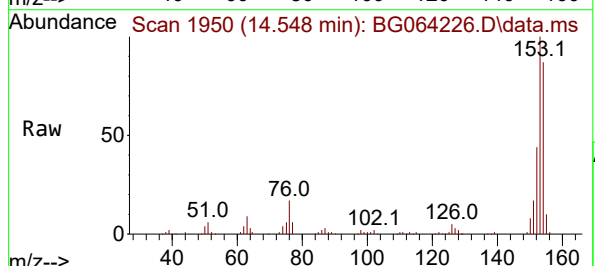
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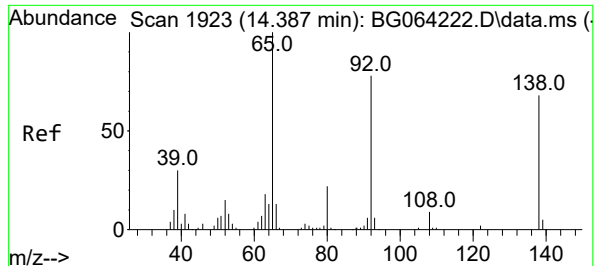
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#52
Acenaphthene
Concen: 37.235 ng
RT: 14.548 min Scan# 1950
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

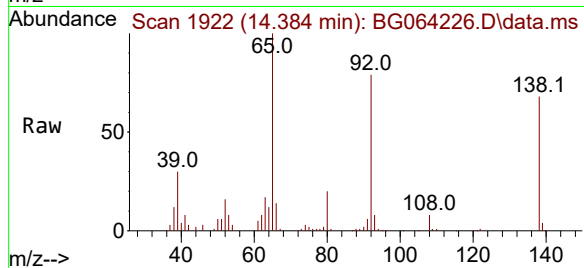
Tgt Ion:154 Resp: 208675
Ion Ratio Lower Upper
154 100
153 115.0 91.1 136.7
152 50.4 39.6 59.4





#53
3-Nitroaniline
Concen: 42.058 ng
RT: 14.384 min Scan# 1923
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

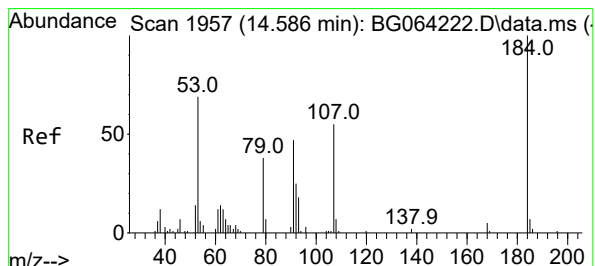
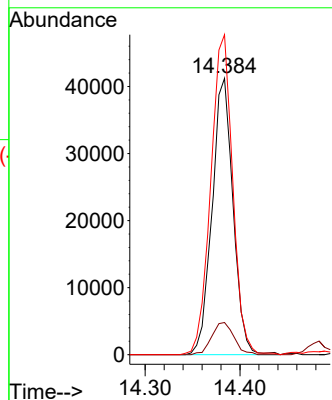
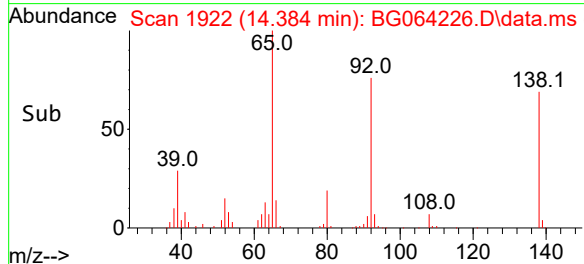
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:138 Resp: 63330
Ion Ratio Lower Upper
138 100
108 11.6 11.0 16.6
92 115.8 91.4 137.0

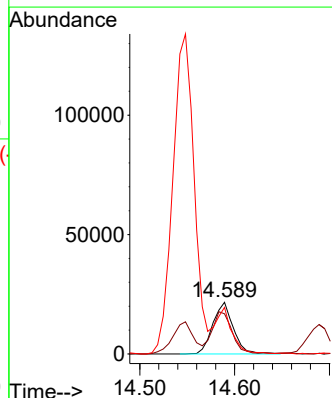
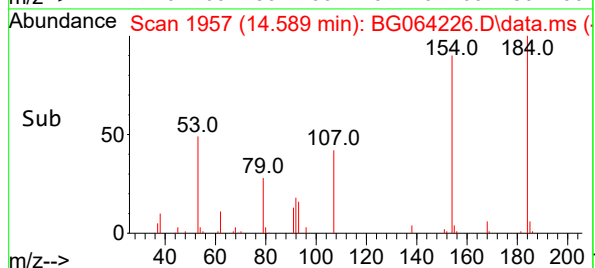
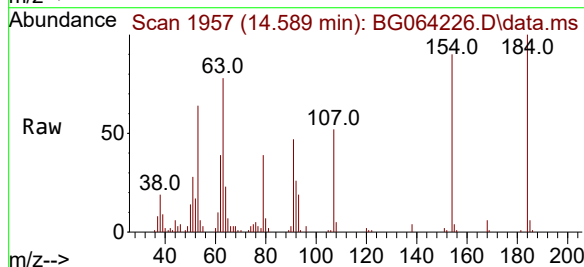
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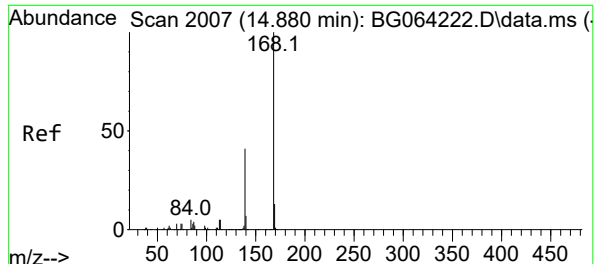
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#54
2,4-Dinitrophenol
Concen: 37.975 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:184 Resp: 32669
Ion Ratio Lower Upper
184 100
63 77.7 60.1 90.1
154 90.2 59.8 89.8#





#55

Dibenzenofuran

Concen: 37.793 ng

RT: 14.883 min Scan# 2007

Delta R.T. 0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

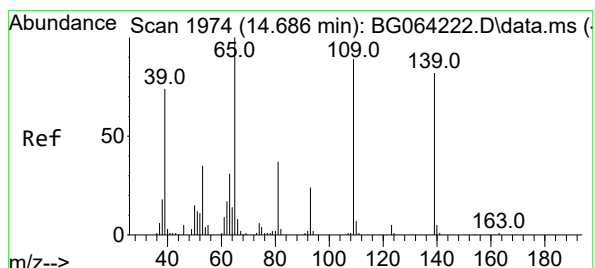
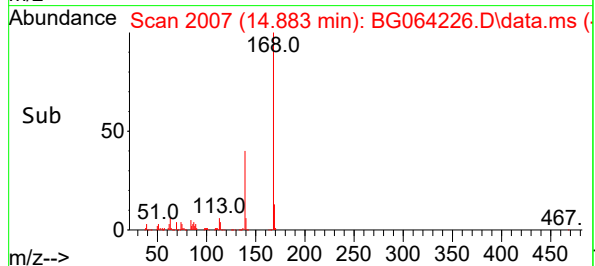
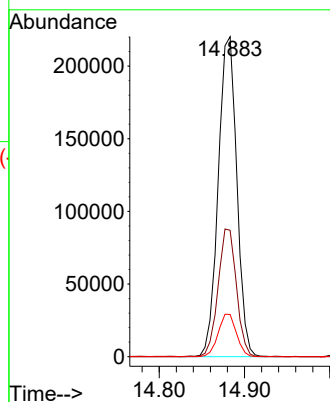
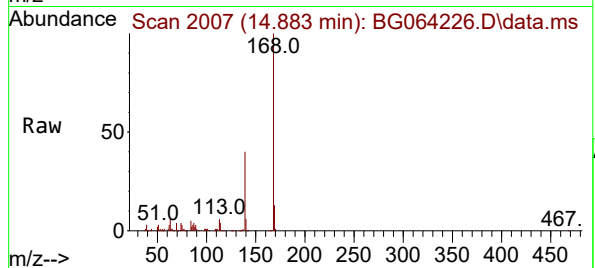
Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.5	33.2	49.8
169	13.2	10.4	15.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#56

4-Nitrophenol

Concen: 39.235 ng

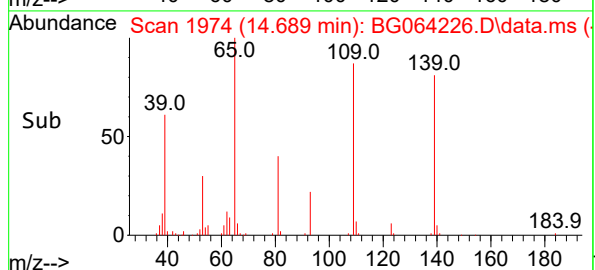
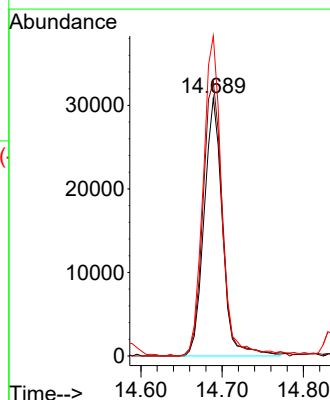
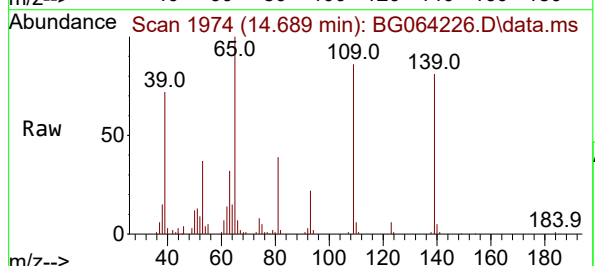
RT: 14.689 min Scan# 1974

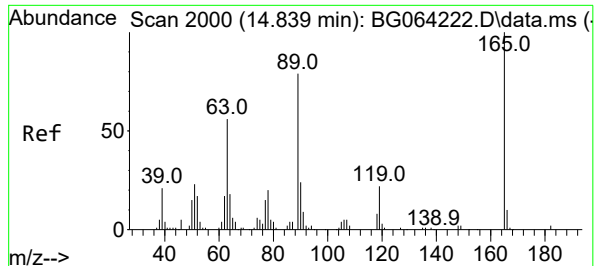
Delta R.T. -0.009 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	106.3	89.1	129.1
65	124.1	102.9	142.9





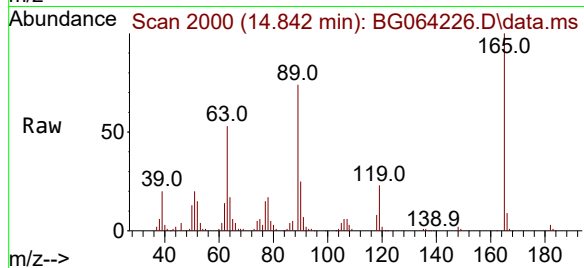
#57
2,4-Dinitrotoluene
Concen: 40.756 ng
RT: 14.842 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

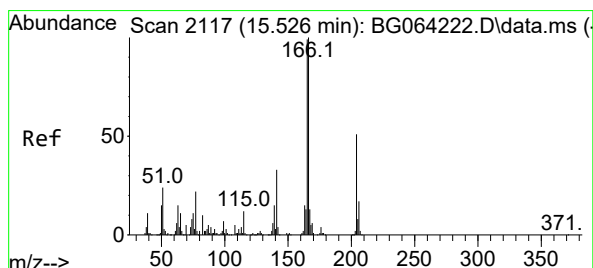
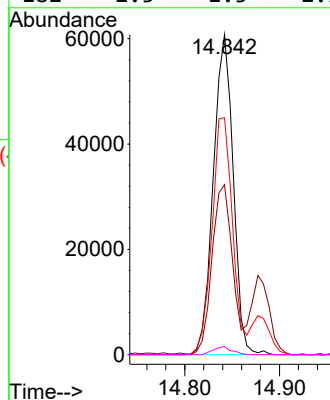
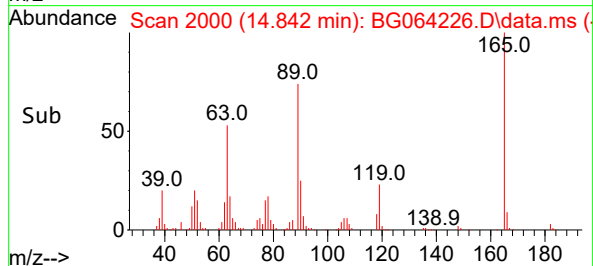


Tgt Ion:165 Resp: 88592
Ion Ratio Lower Upper
165 100
63 53.2 44.6 67.0
89 74.1 63.0 94.4
182 2.5 1.5 2.3#

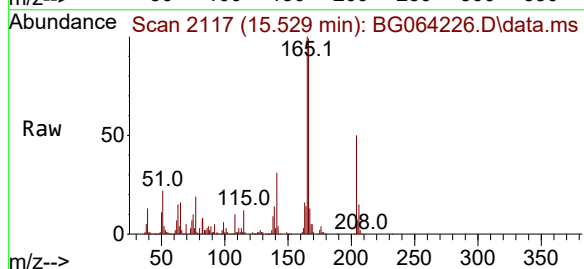
Manual Integrations

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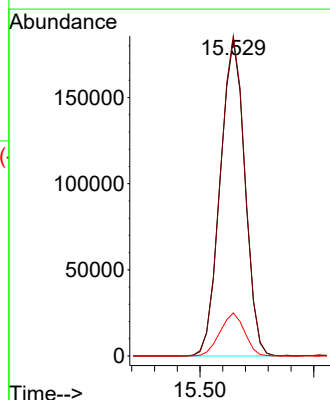
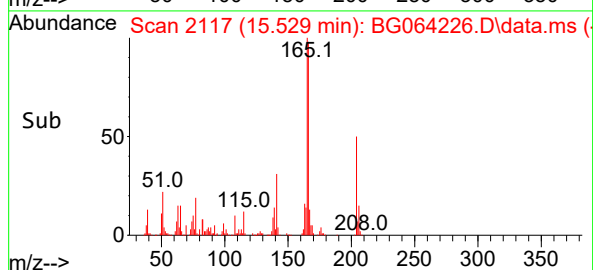
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

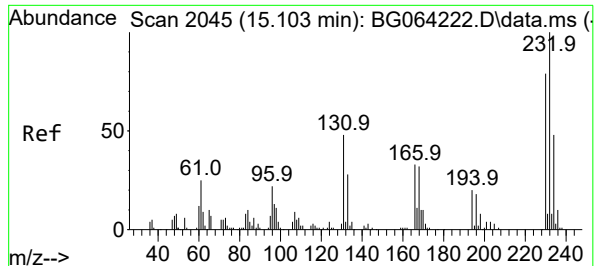


#58
Fluorene
Concen: 38.343 ng
RT: 15.529 min Scan# 2117
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19



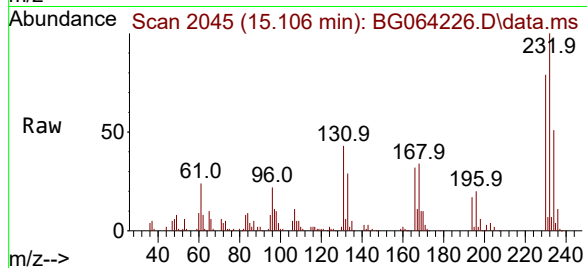
Tgt Ion:166 Resp: 277028
Ion Ratio Lower Upper
166 100
165 101.2 79.1 118.7
167 13.6 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.784 ng
RT: 15.106 min Scan# 2045
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

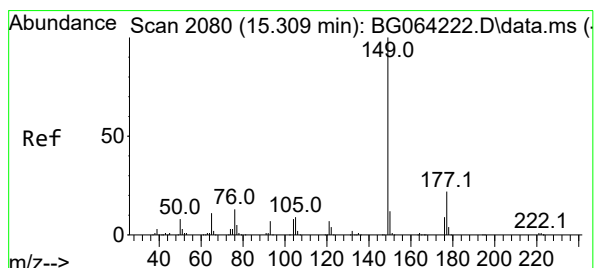
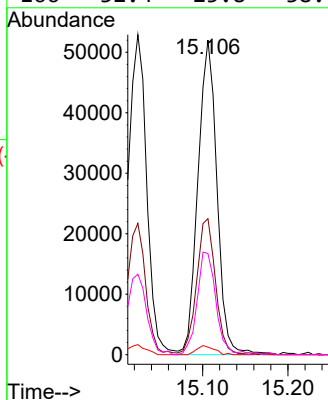
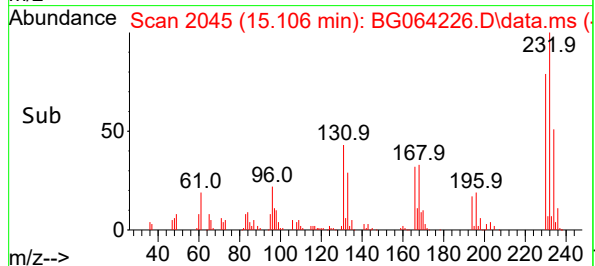
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:232 Resp: 80509
Ion Ratio Lower Upper
232 100
131 43.0 37.1 55.7
130 2.6 2.6 3.8
166 32.4 25.8 38.6

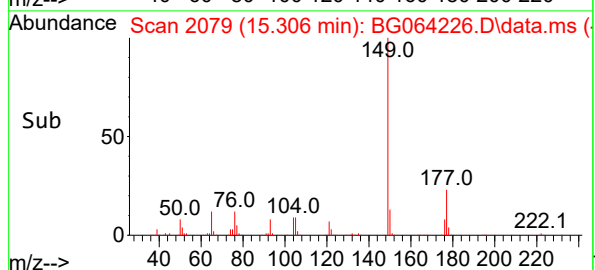
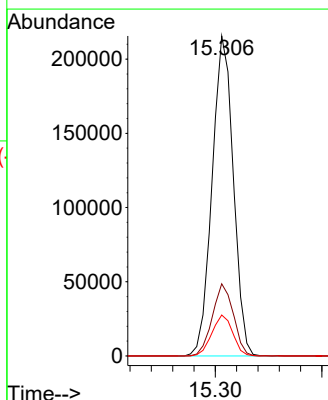
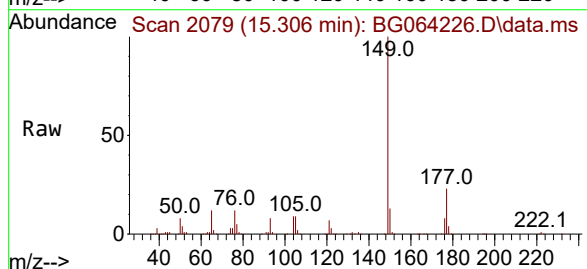
Manual Integrations
APPROVED

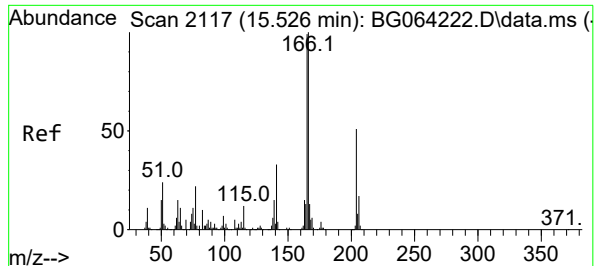
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#60
Diethylphthalate
Concen: 37.474 ng
RT: 15.306 min Scan# 2079
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

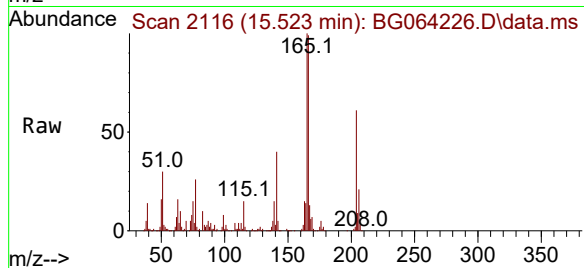
Tgt Ion:149 Resp: 297822
Ion Ratio Lower Upper
149 100
177 22.6 17.5 26.3
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 37.983 ng
RT: 15.523 min Scan# 2117
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

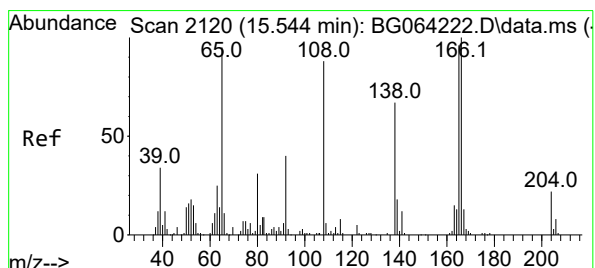
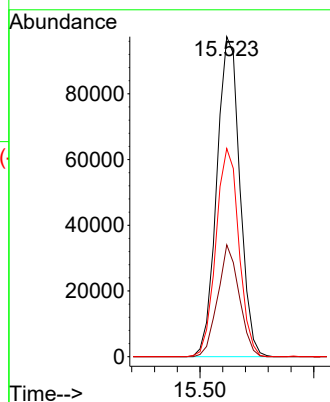
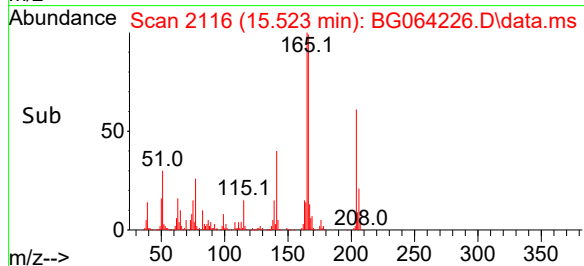
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:204 Resp: 136825
Ion Ratio Lower Upper
204 100
206 34.9 26.2 39.4
141 65.0 51.9 77.9

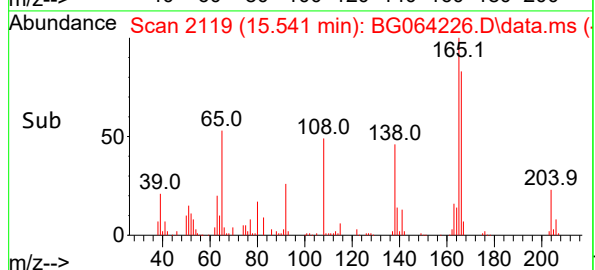
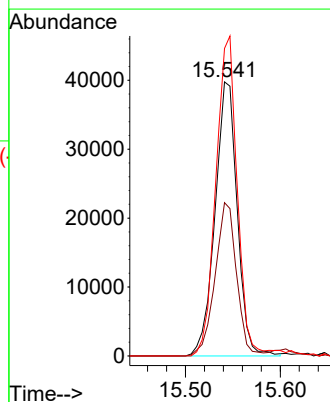
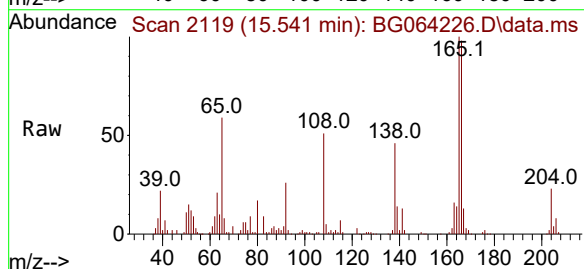
Manual Integrations
APPROVED

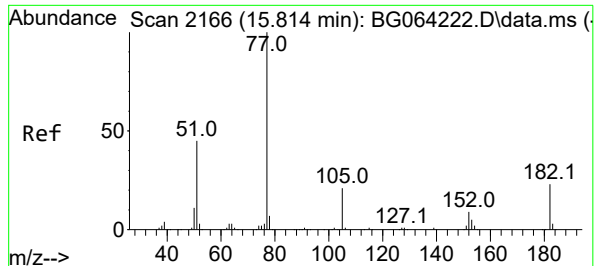
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#62
4-Nitroaniline
Concen: 42.237 ng
RT: 15.541 min Scan# 2119
Delta R.T. -0.015 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

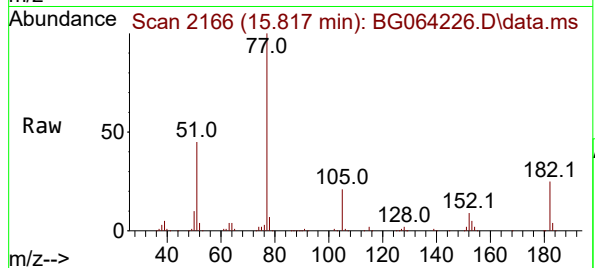
Tgt Ion:138 Resp: 64904
Ion Ratio Lower Upper
138 100
92 55.9 39.1 79.1
108 112.2 111.3 151.3





#63
Azobenzene
Concen: 38.992 ng
RT: 15.817 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

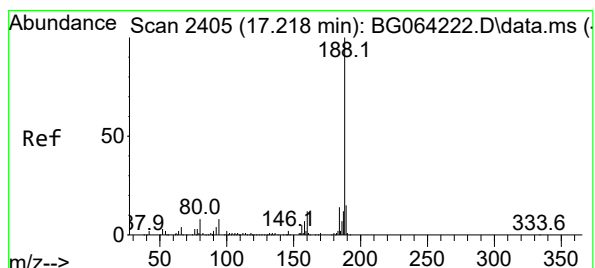
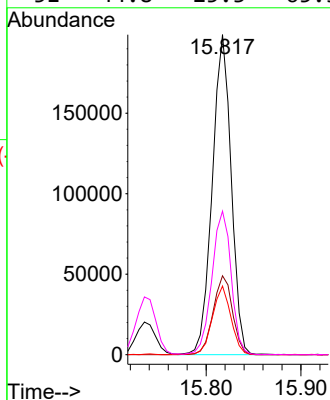
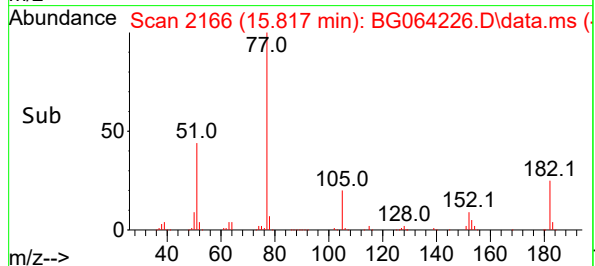
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion: 77 Resp: 27620
Ion Ratio Lower Upper
77 100
182 24.6 3.3 43.3
105 21.5 0.6 40.6
51 44.8 25.3 65.3

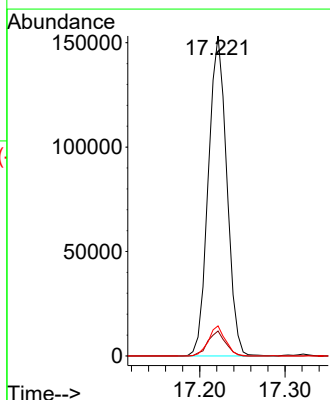
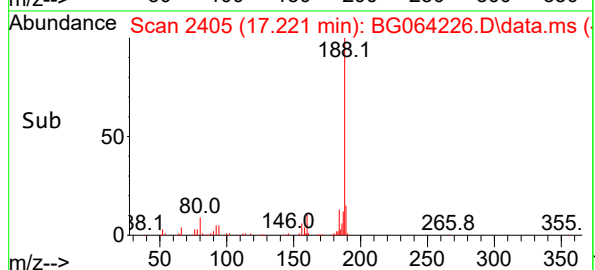
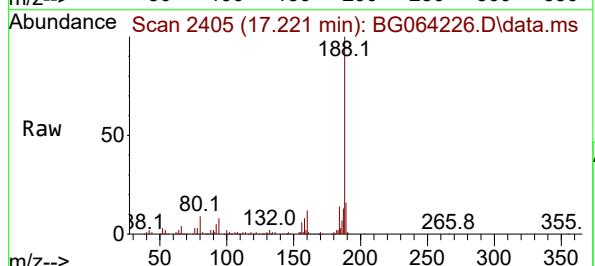
Manual Integrations
APPROVED

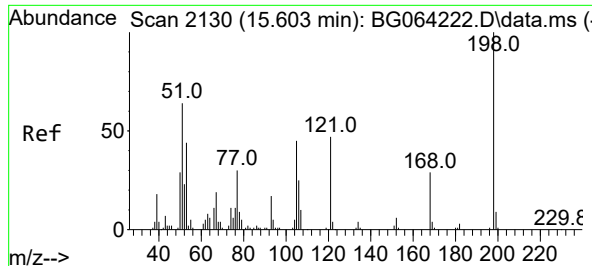
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:188 Resp: 230329
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.4
80 9.4 6.8 10.2





#65

4,6-Dinitro-2-methylphenol

Concen: 38.211 ng

RT: 15.606 min Scan# 2130

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

Tgt Ion:198 Resp: 50530

Ion Ratio Lower Upper

198 100

51 68.5 46.2 86.2

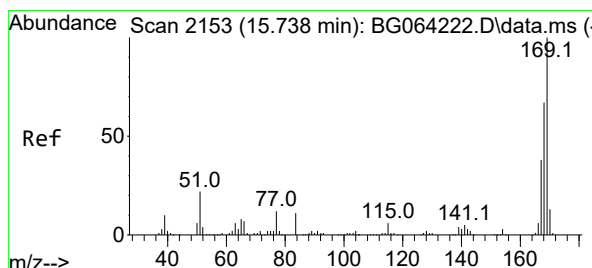
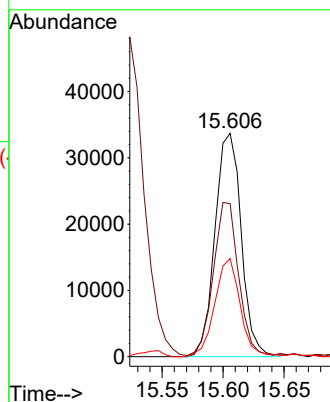
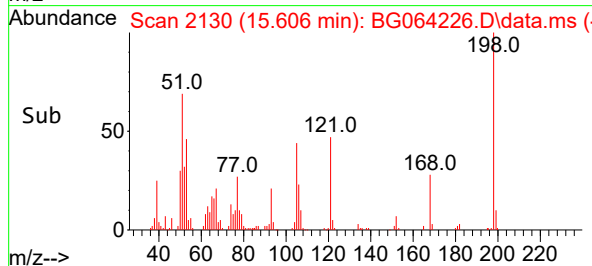
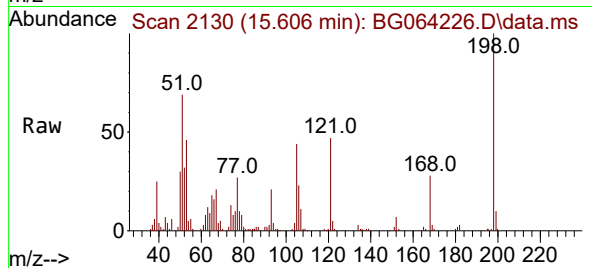
105 43.9 25.0 65.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#66

n-Nitrosodiphenylamine

Concen: 38.649 ng

RT: 15.741 min Scan# 2153

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

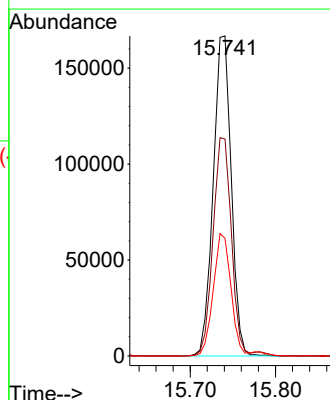
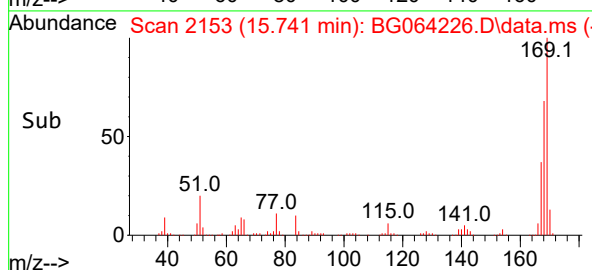
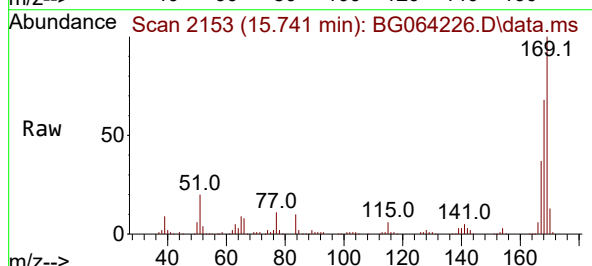
Tgt Ion:169 Resp: 244884

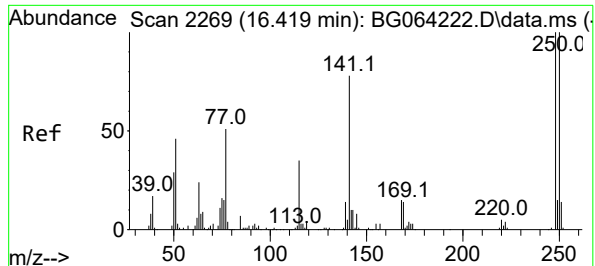
Ion Ratio Lower Upper

169 100

168 67.8 53.8 80.8

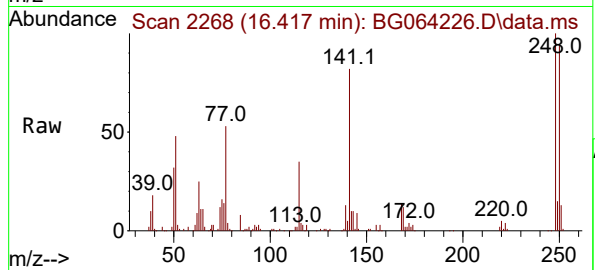
167 36.7 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 37.437 ng
RT: 16.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

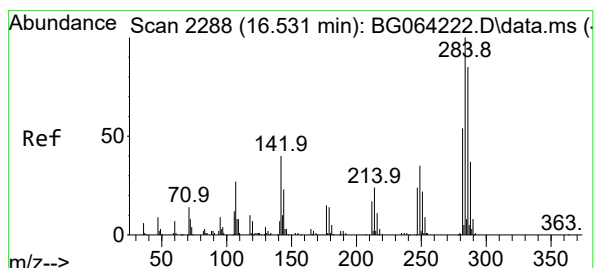
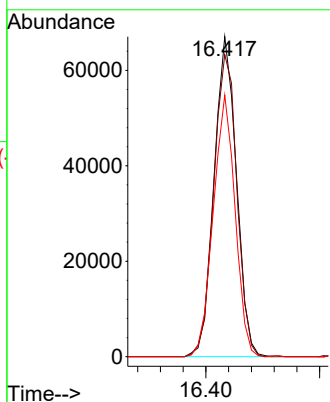
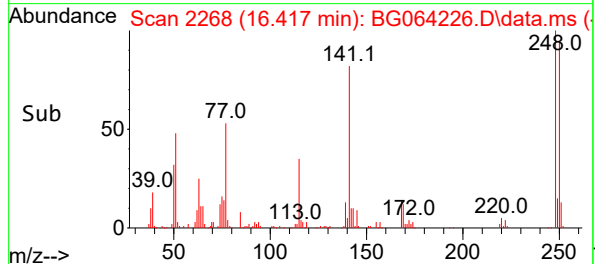
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:248 Resp: 91580
Ion Ratio Lower Upper
248 100
250 94.4 80.2 120.4
141 81.8 62.4 93.6

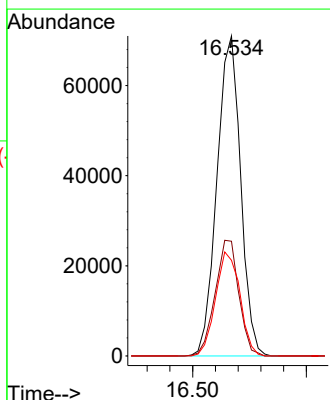
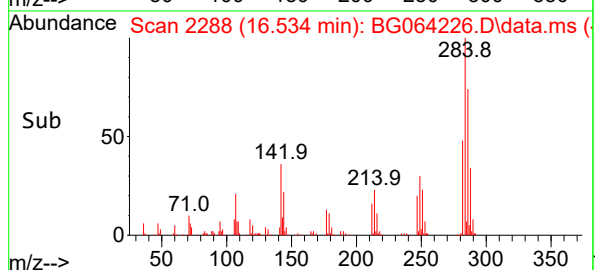
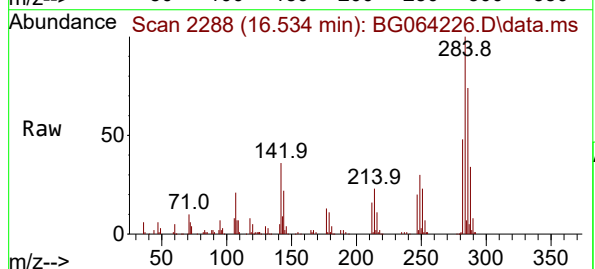
Manual Integrations
APPROVED

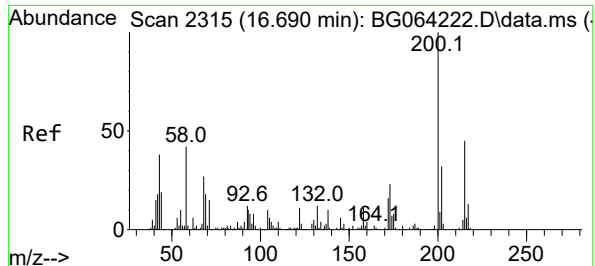
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#68
Hexachlorobenzene
Concen: 37.742 ng
RT: 16.534 min Scan# 2288
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

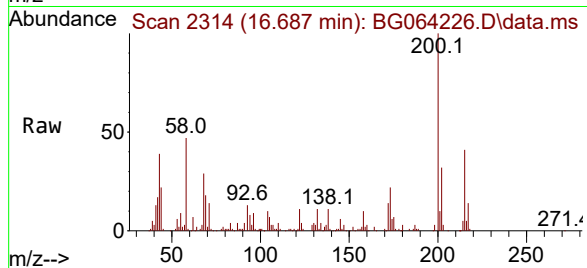
Tgt Ion:284 Resp: 102532
Ion Ratio Lower Upper
284 100
142 35.8 32.1 48.1
249 29.9 28.3 42.5





#69
Atrazine
Concen: 37.526 ng
RT: 16.687 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

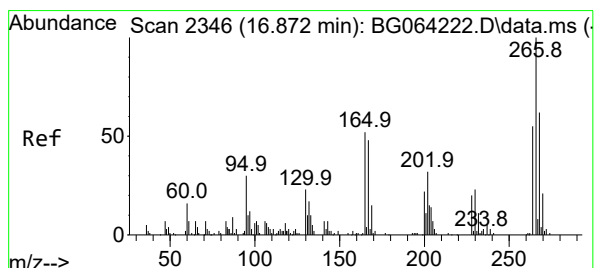
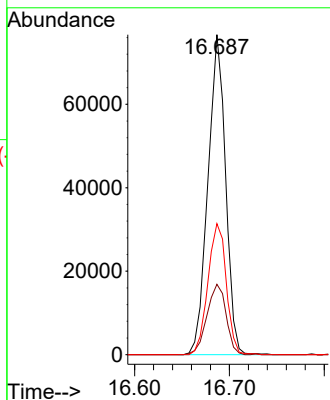
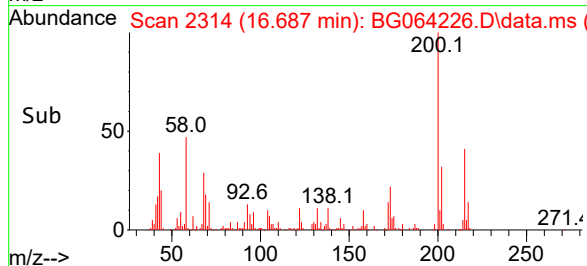
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:200 Resp: 99280
Ion Ratio Lower Upper
200 100
173 22.0 3.5 43.5
215 41.0 24.8 64.8

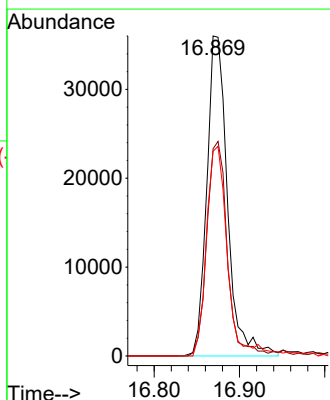
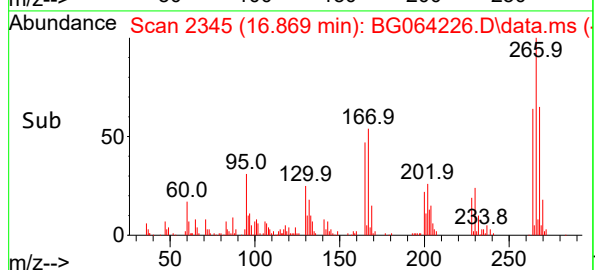
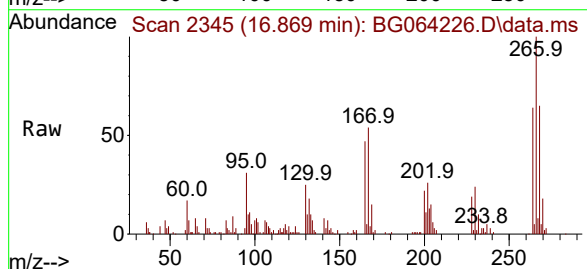
Manual Integrations
APPROVED

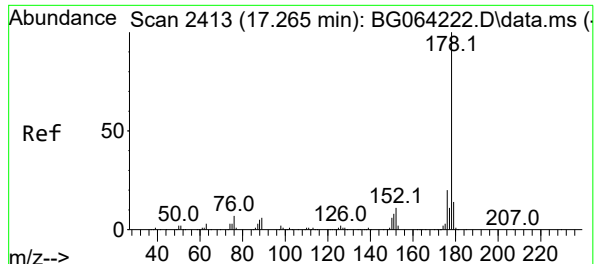
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#70
Pentachlorophenol
Concen: 36.854 ng
RT: 16.869 min Scan# 2345
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

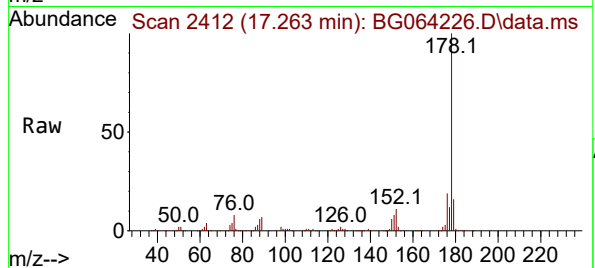
Tgt Ion:266 Resp: 60707
Ion Ratio Lower Upper
266 100
268 64.8 49.4 74.0
264 63.9 44.3 66.5





#71
Phenanthrene
Concen: 37.635 ng
RT: 17.263 min Scan# 2413
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

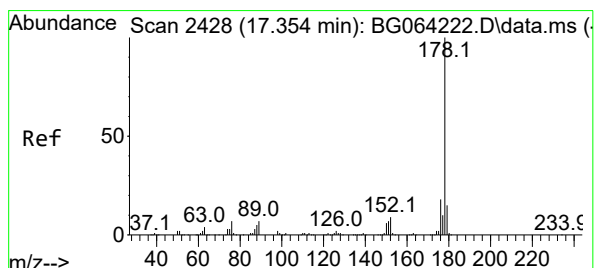
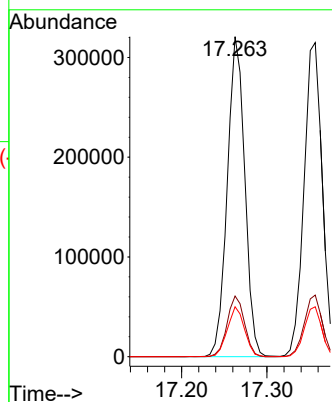
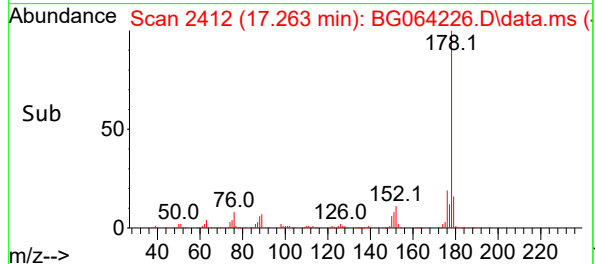
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:178 Resp: 45720
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 15.6 11.4 17.2

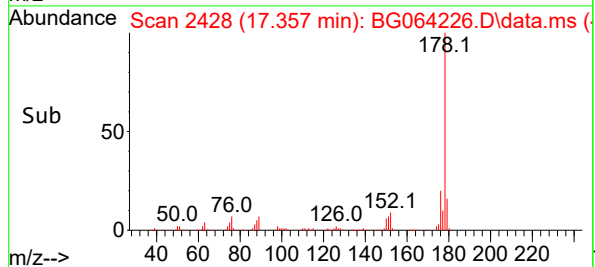
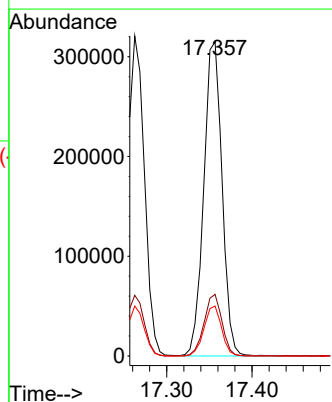
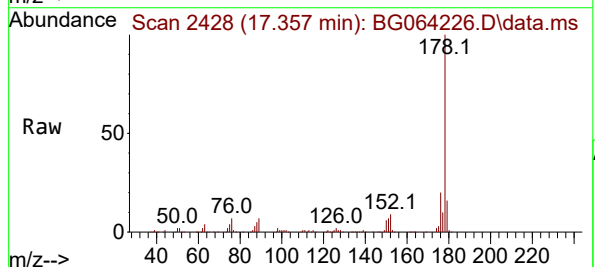
Manual Integrations
APPROVED

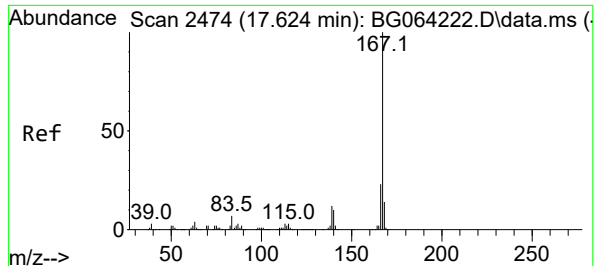
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#72
Anthracene
Concen: 37.931 ng
RT: 17.357 min Scan# 2428
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

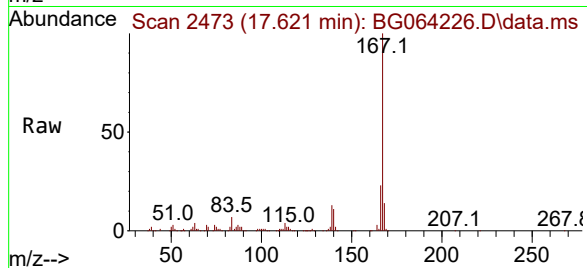
Tgt Ion:178 Resp: 468737
Ion Ratio Lower Upper
178 100
176 19.6 14.7 22.1
179 15.9 12.1 18.1





#73
Carbazole
Concen: 37.906 ng
RT: 17.621 min Scan# 2474
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

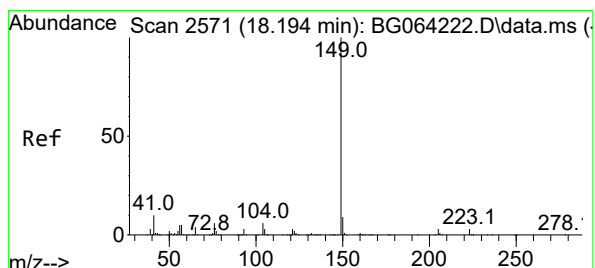
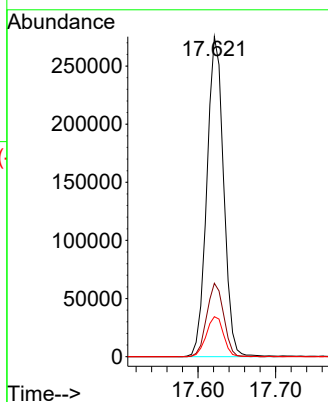
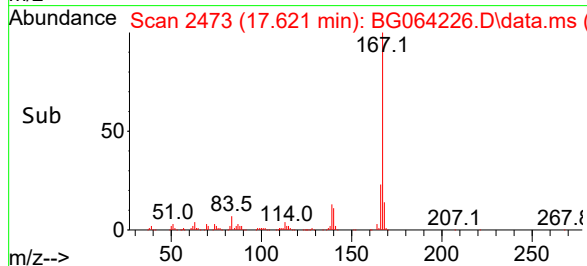
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:167 Resp: 41265
Ion Ratio Lower Upper
167 100
166 23.0 18.2 27.2
139 12.5 9.8 14.6

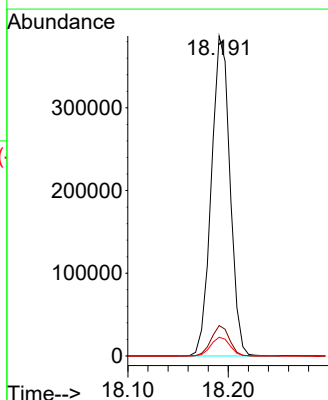
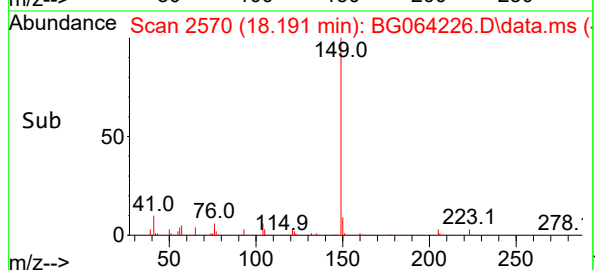
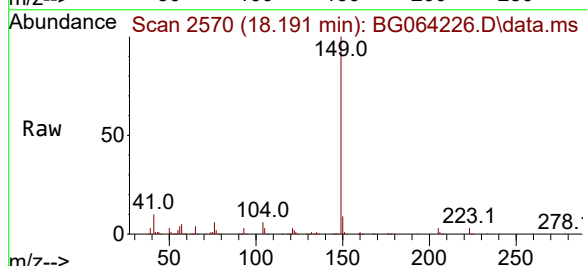
Manual Integrations
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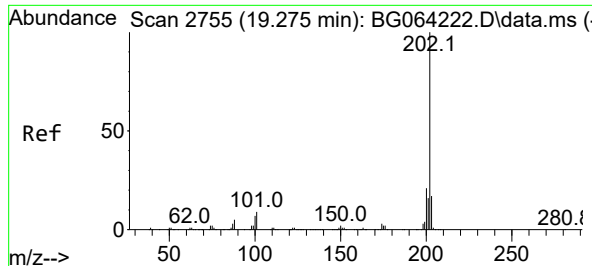
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#74
Di-n-butylphthalate
Concen: 38.074 ng
RT: 18.191 min Scan# 2570
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

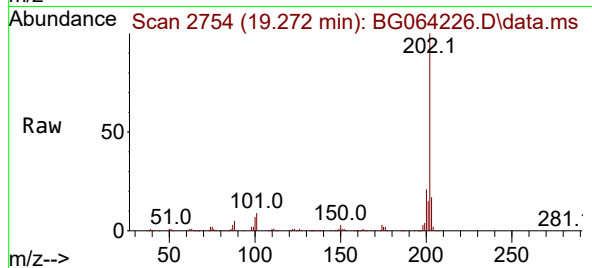
Tgt Ion:149 Resp: 497961
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 5.9 4.6 7.0





#75
Fluoranthene
Concen: 36.720 ng
RT: 19.272 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

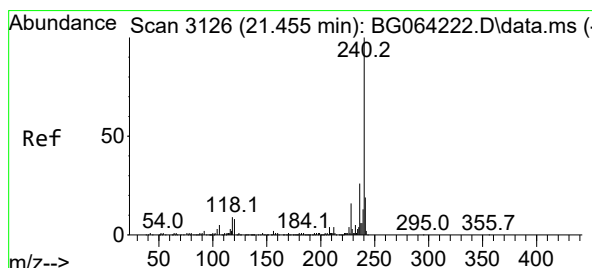
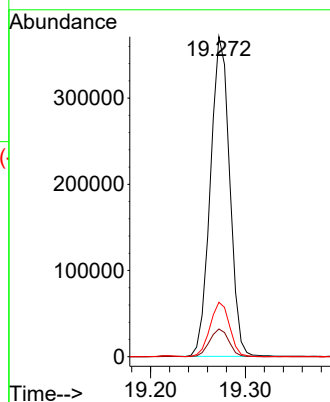
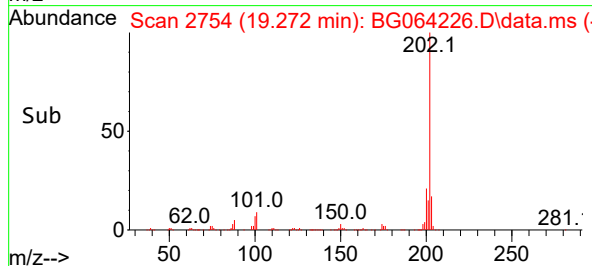
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:202 Resp: 524509
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.7
203 17.0 0.0 36.9

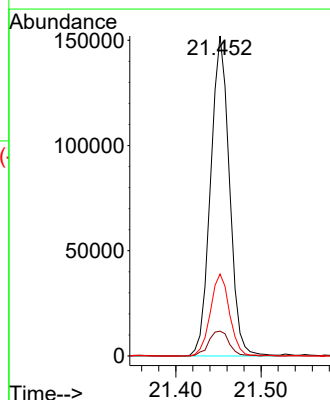
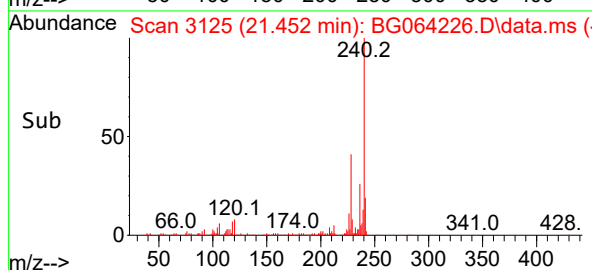
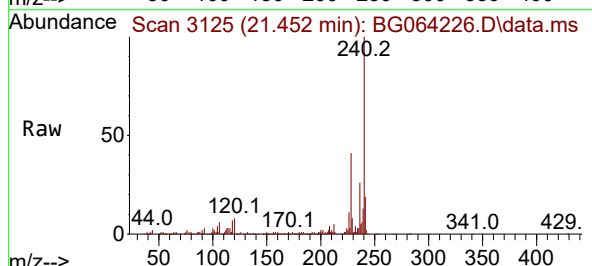
Manual Integrations
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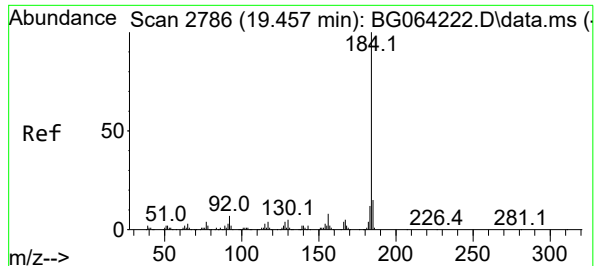
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.452 min Scan# 3125
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

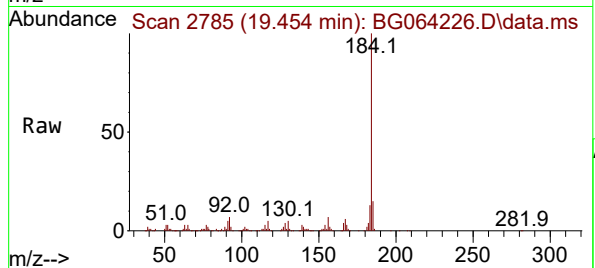
Tgt Ion:240 Resp: 233808
Ion Ratio Lower Upper
240 100
120 7.7 6.2 9.4
236 25.6 20.5 30.7





#77
Benzidine
Concen: 51.021 ng
RT: 19.454 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

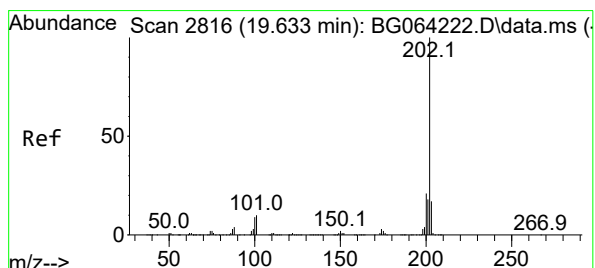
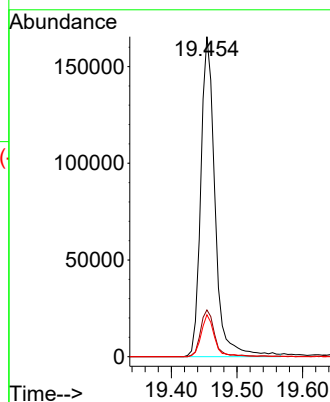
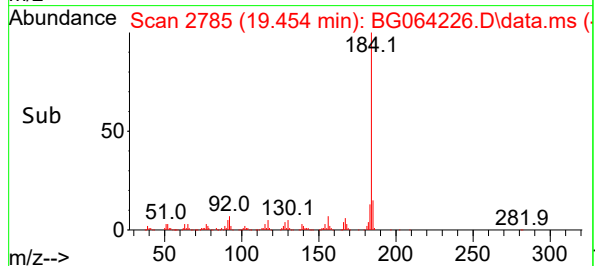
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:184 Resp: 250940
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 13.1 9.7 14.5

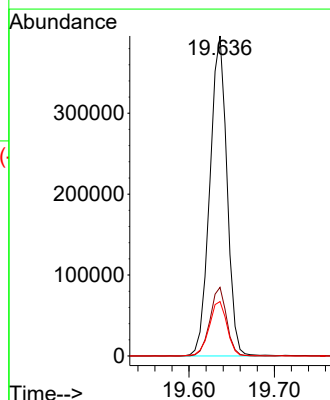
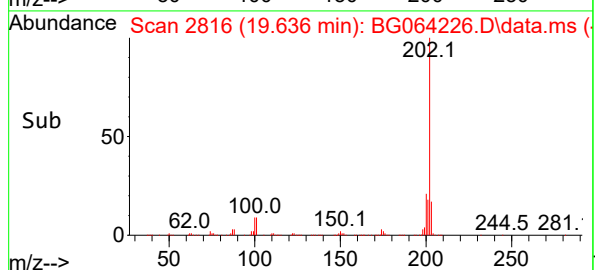
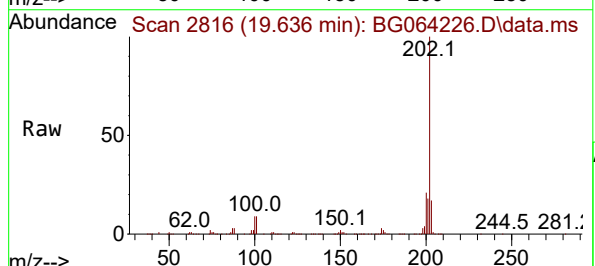
Manual Integrations
APPROVED

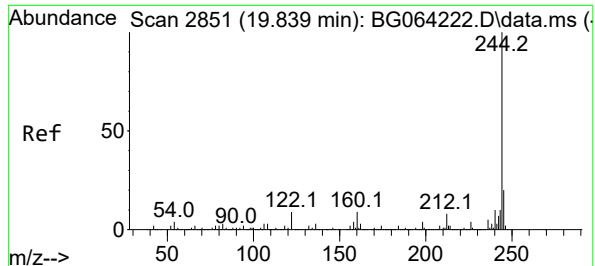
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#78
Pyrene
Concen: 37.470 ng
RT: 19.636 min Scan# 2816
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

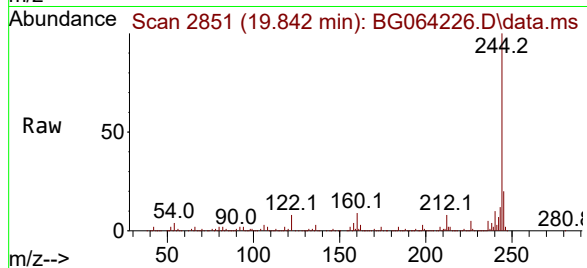
Tgt Ion:202 Resp: 551941
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.0 13.8 20.8





#79
Terphenyl-d14
Concen: 75.787 ng
RT: 19.842 min Scan# 2851
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

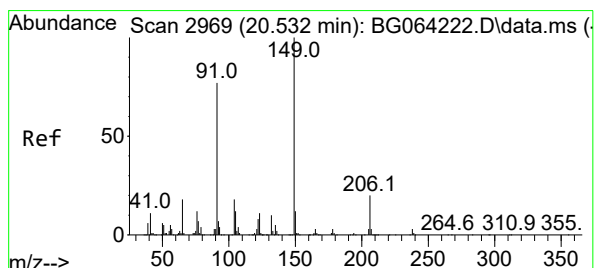
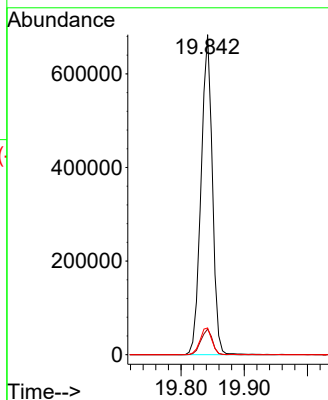
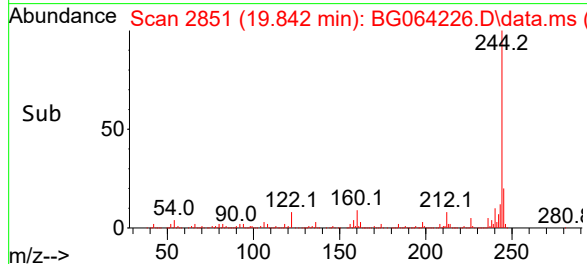
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:244 Resp: 849308
Ion Ratio Lower Upper
244 100
212 8.0 6.6 10.0
122 8.4 7.0 10.6

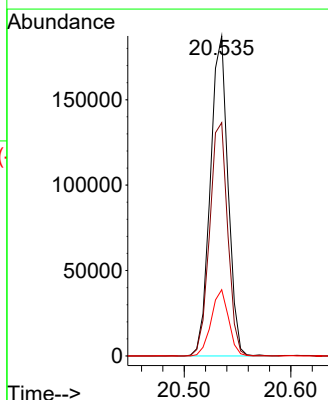
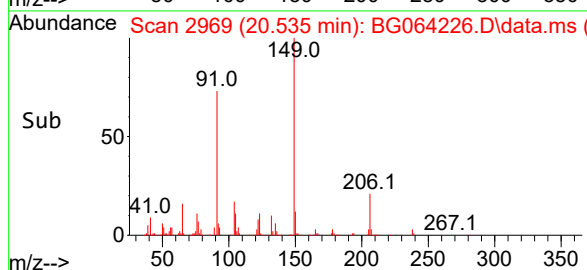
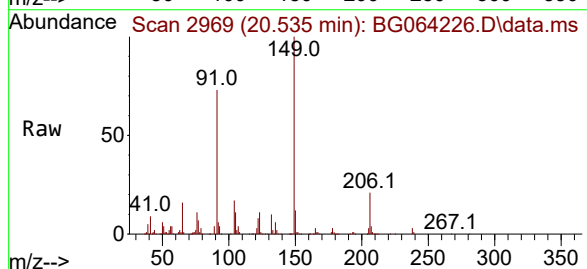
Manual Integrations
APPROVED

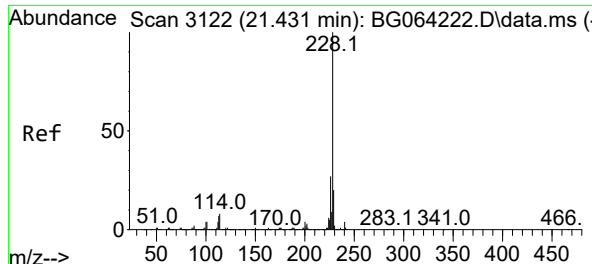
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#80
Butylbenzylphthalate
Concen: 38.747 ng
RT: 20.535 min Scan# 2969
Delta R.T. 0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

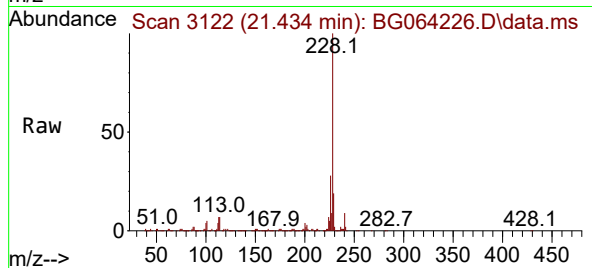
Tgt Ion:149 Resp: 215271
Ion Ratio Lower Upper
149 100
91 72.9 61.4 92.0
206 20.7 15.8 23.6





#81
Benzo(a)anthracene
Concen: 38.165 ng
RT: 21.434 min Scan# 3122
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

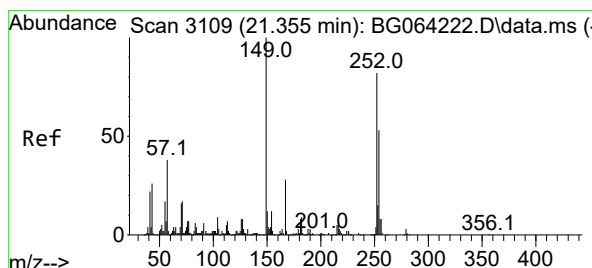
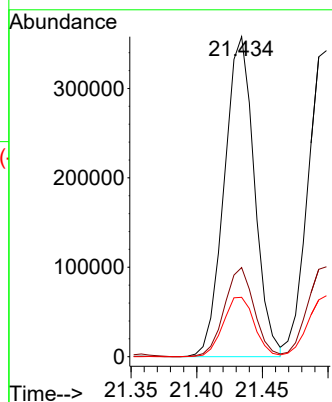
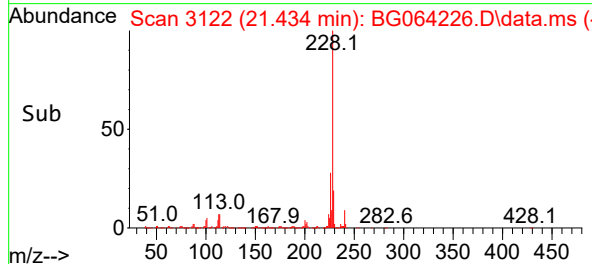
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:228 Resp: 570869
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 18.5 15.9 23.9

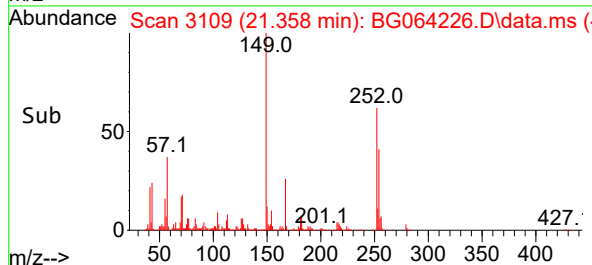
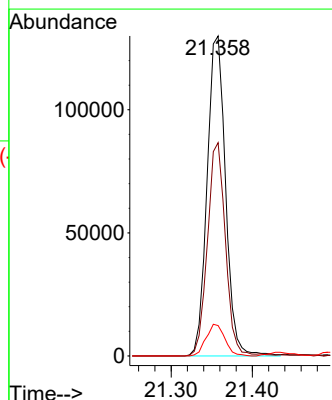
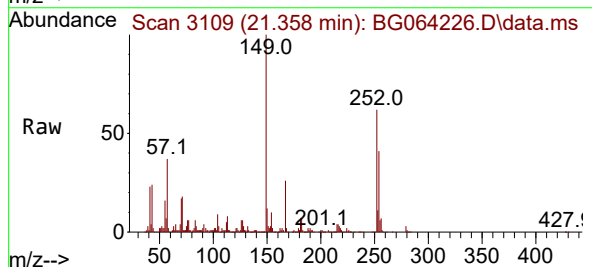
Manual Integrations
APPROVED

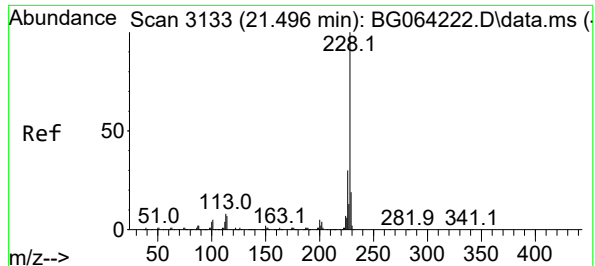
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#82
3,3'-Dichlorobenzidine
Concen: 42.067 ng
RT: 21.358 min Scan# 3109
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:252 Resp: 204932
Ion Ratio Lower Upper
252 100
254 66.6 51.9 77.9
126 9.5 7.6 11.4





#83

Chrysene

Concen: 37.933 ng

RT: 21.499 min Scan# 3133

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

Tgt Ion:228 Resp: 544729

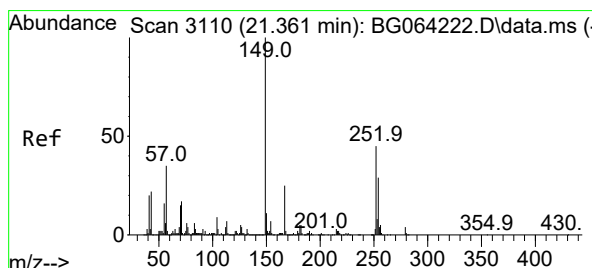
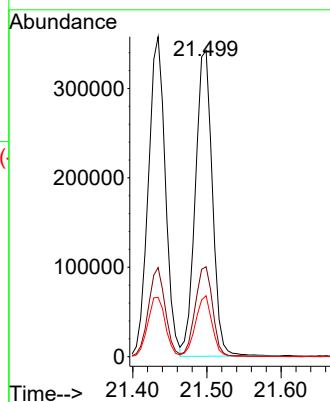
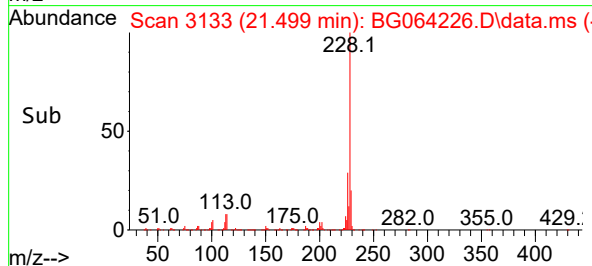
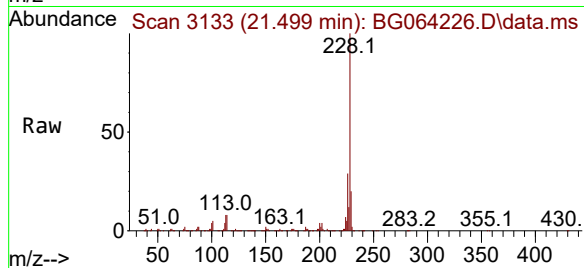
Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.2
229	19.9	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.008 ng

RT: 21.364 min Scan# 3110

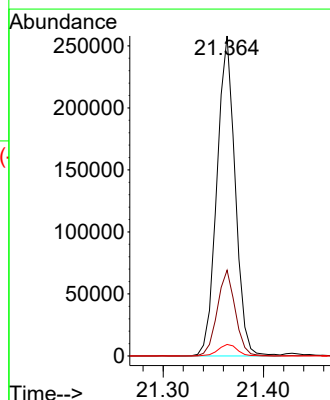
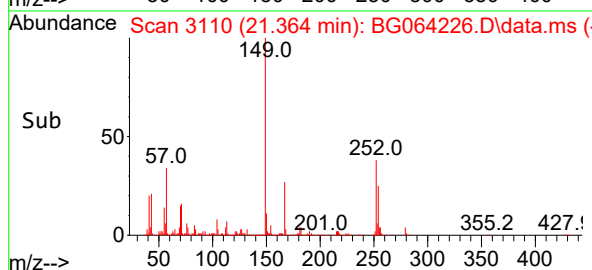
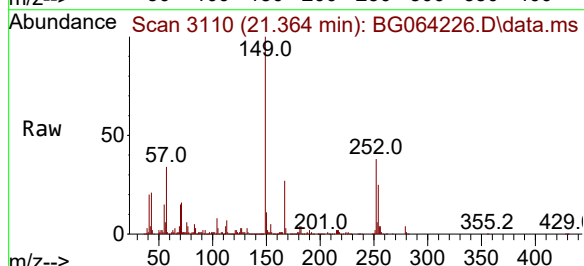
Delta R.T. -0.003 min

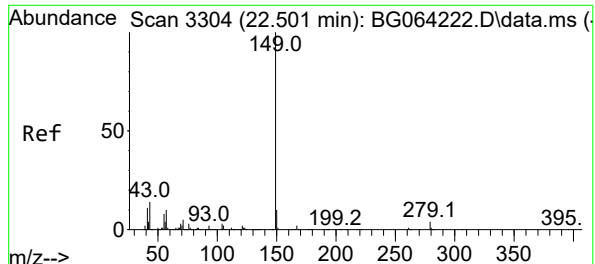
Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Tgt Ion:149 Resp: 325380

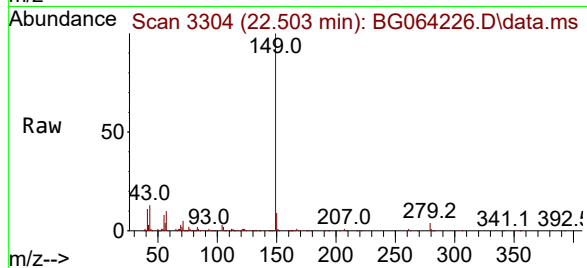
Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.0	30.0
279	3.6	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 38.929 ng
RT: 22.503 min Scan# 3304
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

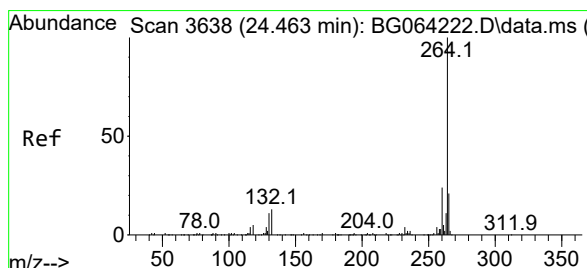
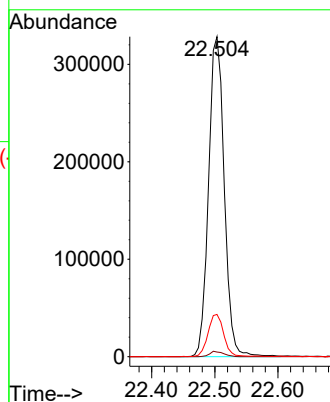
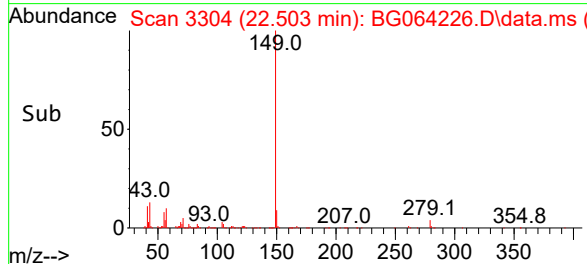
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:149 Resp: 565788
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.3 10.8 16.2

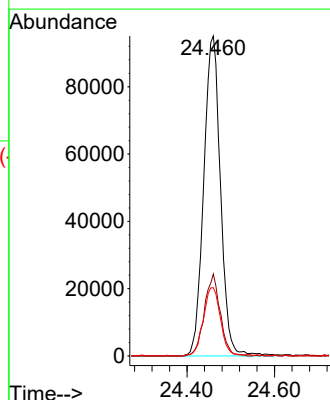
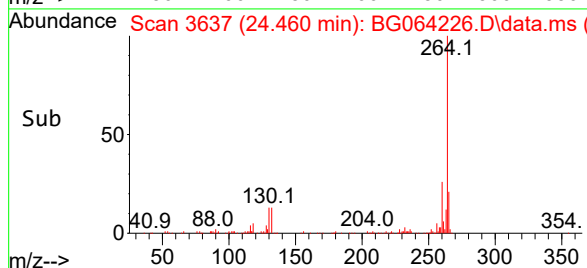
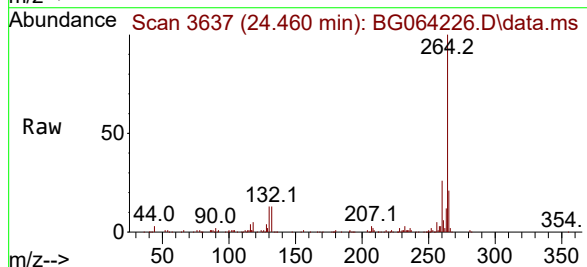
Manual Integrations
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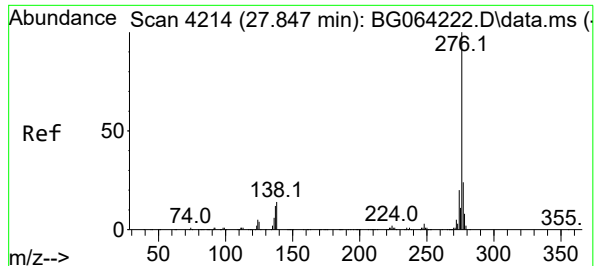
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.460 min Scan# 3637
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

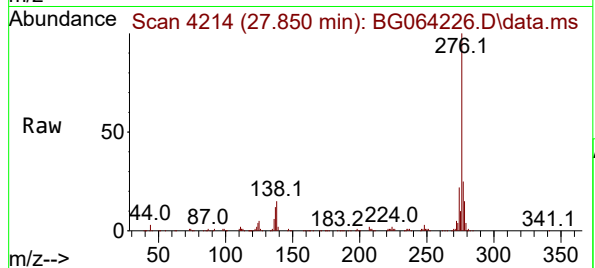
Tgt Ion:264 Resp: 253621
Ion Ratio Lower Upper
264 100
260 25.6 18.9 28.3
265 21.3 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.123 ng
RT: 27.850 min Scan# 4214
Delta R.T. -0.021 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

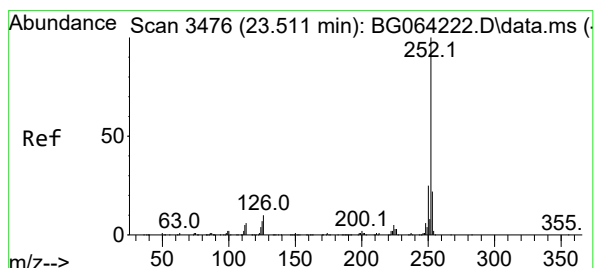
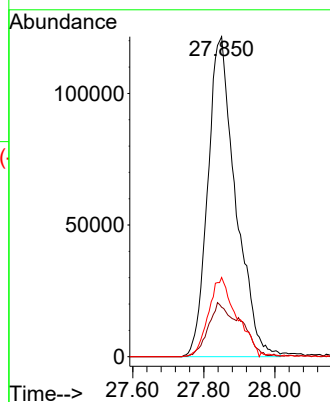
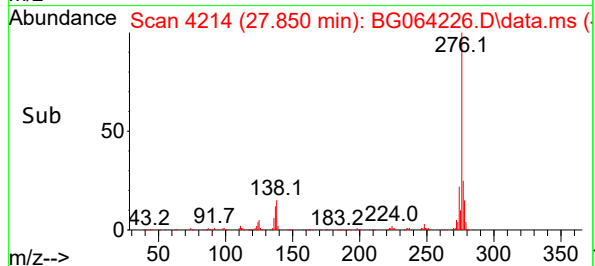
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:276 Resp: 66029
Ion Ratio Lower Upper
276 100
138 14.2 7.4 11.0
277 25.0 20.5 30.7

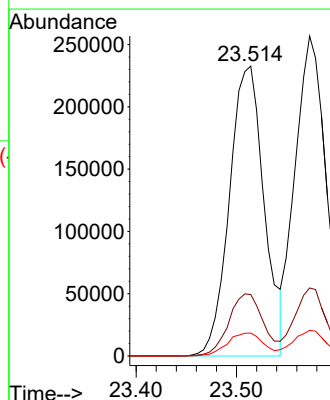
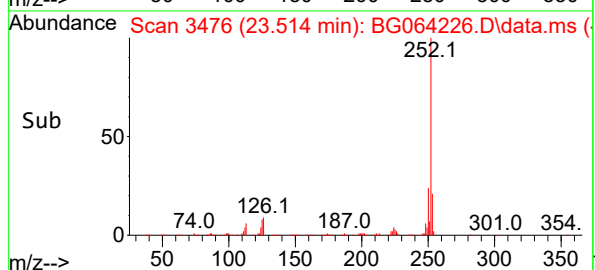
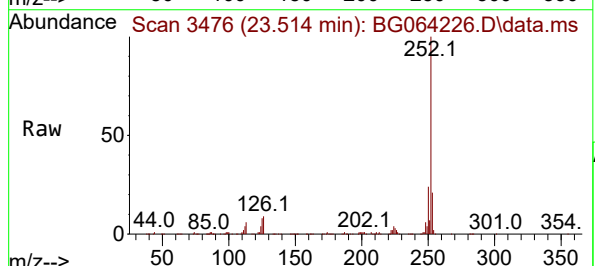
Manual Integrations
APPROVED

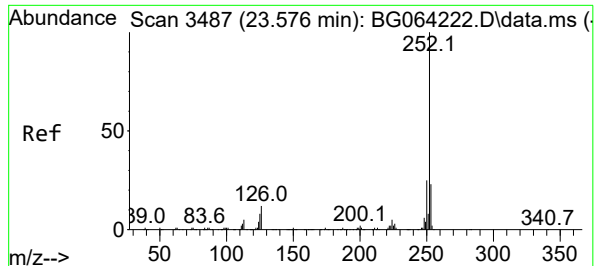
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#88
Benzo(b)fluoranthene
Concen: 39.068 ng
RT: 23.514 min Scan# 3476
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:252 Resp: 559215
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 7.9 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 38.135 ng

RT: 23.573 min Scan# 34

Delta R.T. -0.015 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA_G

ClientSampleId :

ICVBG082825

Tgt Ion:252 Resp: 55611

Ion Ratio Lower Upper

252 100

253 21.3 18.2 27.4

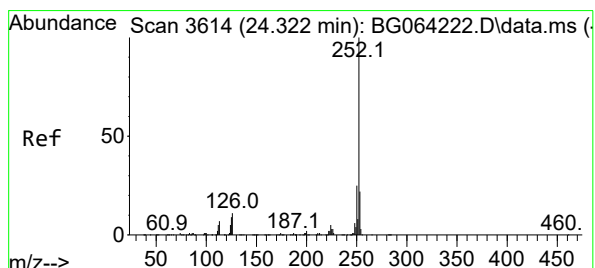
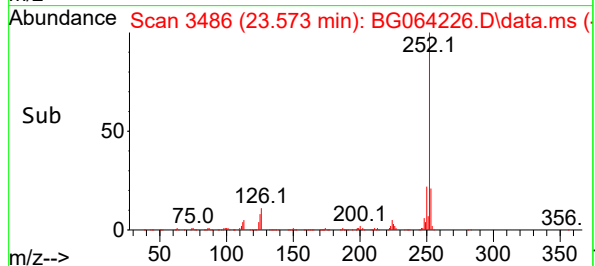
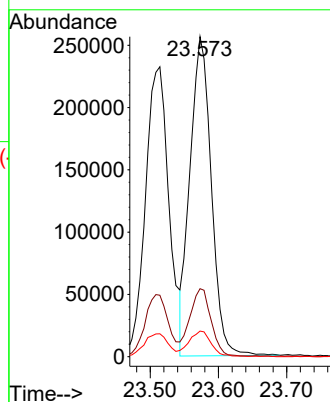
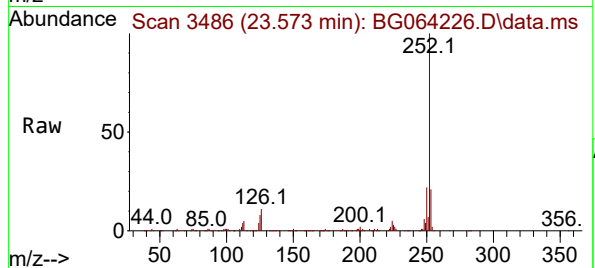
125 8.0 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#90

Benzo(a)pyrene

Concen: 40.358 ng

RT: 24.319 min Scan# 3613

Delta R.T. -0.009 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

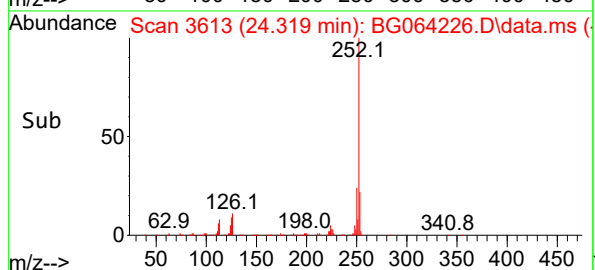
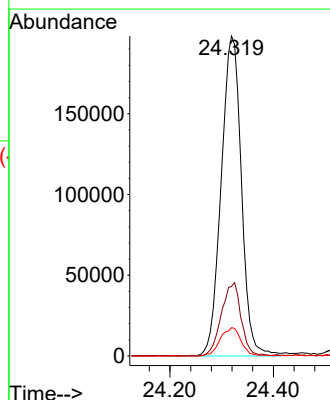
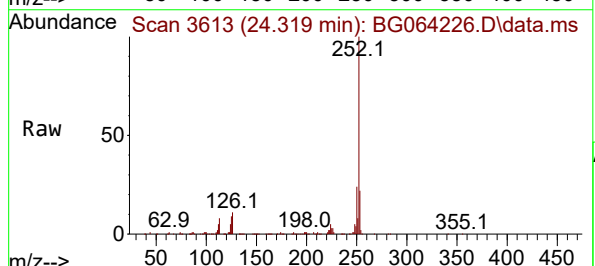
Tgt Ion:252 Resp: 537384

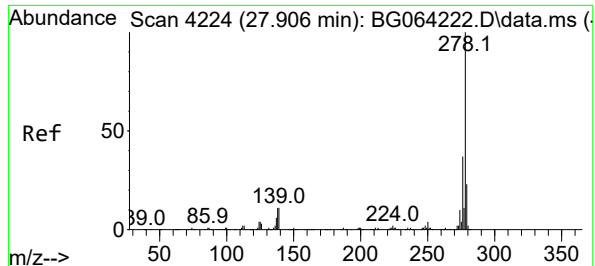
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

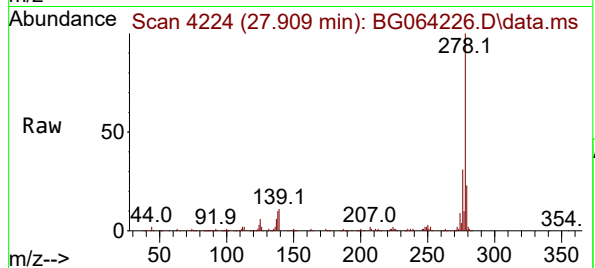
125 8.9 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 38.953 ng
RT: 27.909 min Scan# 41
Delta R.T. -0.015 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

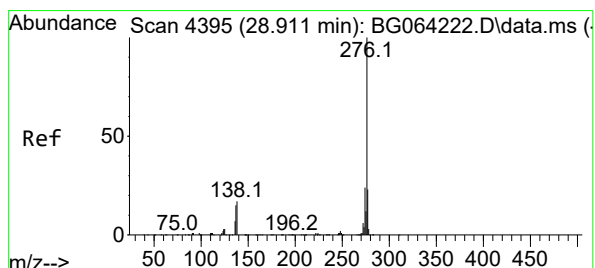
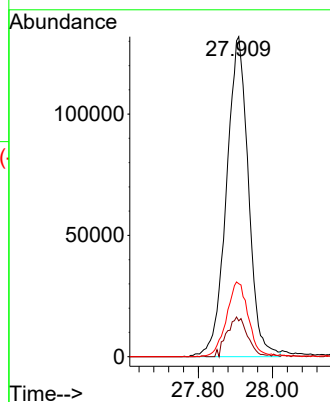
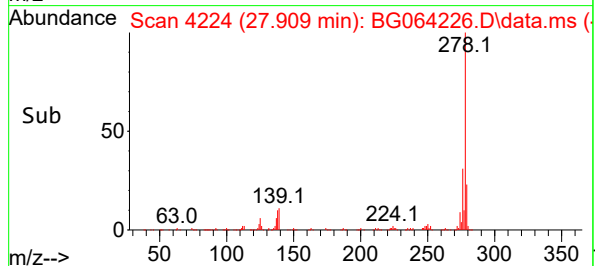
Instrument :
BNA_G
ClientSampleId :
ICVBG082825



Tgt Ion:278 Resp: 54170
Ion Ratio Lower Upper
278 100
139 11.2 9.0 13.4
279 22.8 18.8 28.2

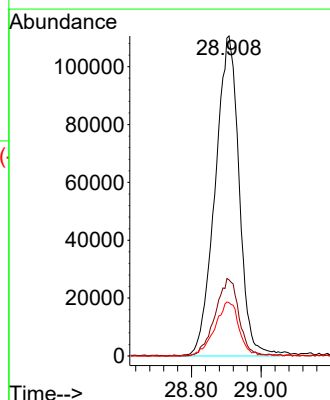
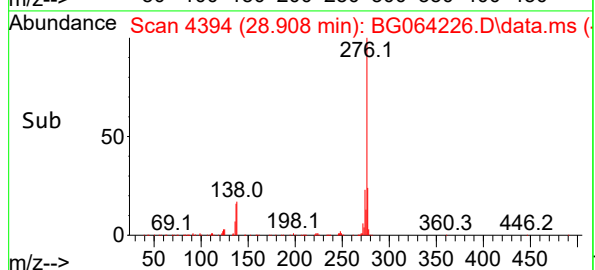
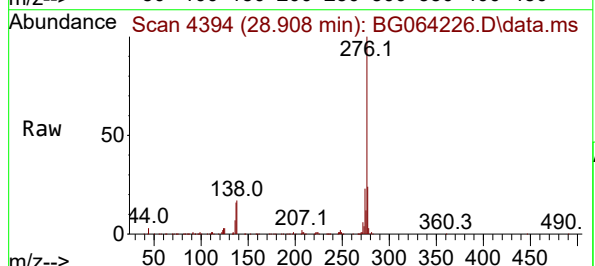
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#92
Benzo(g,h,i)perylene
Concen: 39.074 ng
RT: 28.908 min Scan# 4394
Delta R.T. -0.027 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:276 Resp: 528738
Ion Ratio Lower Upper
276 100
277 23.8 18.2 27.4
138 16.6 13.3 19.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064226.D
 Acq On : 28 Aug 2025 18:19
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082825

Quant Time: Aug 28 19:07:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	112	0.00
2	1,4-Dioxane	0.465	0.414	11.0	120	0.00
3	Pyridine	1.368	1.180	13.7	99	0.00
4	n-Nitrosodimethylamine	0.905	0.844	6.7	103	0.00
5 S	2-Fluorophenol	1.115	0.988	11.4	100	0.00
6	Aniline	2.118	2.009	5.1	106	0.00
7 S	Phenol-d6	1.532	1.371	10.5	101	0.00
8	2-Chlorophenol	1.362	1.278	6.2	101	0.00
9	Benzaldehyde	1.260	1.079	14.4	88	0.00
10 C	Phenol	1.688	1.568	7.1	105	0.00
11	bis(2-Chloroethyl)ether	1.269	1.192	6.1	104	0.00
12	1,3-Dichlorobenzene	1.449	1.348	7.0	103	0.00
13 C	1,4-Dichlorobenzene	1.463	1.396	4.6	107	0.00
14	1,2-Dichlorobenzene	1.412	1.393	1.3	111	0.00
15	Benzyl Alcohol	1.413	1.373	2.8	108	0.00
16	2,2'-oxybis(1-Chloropropane	2.897	2.657	8.3	103	0.00
17	2-Methylphenol	1.258	1.172	6.8	104	0.00
18	Hexachloroethane	0.571	0.517	9.5	99	0.00
19 P	n-Nitroso-di-n-propylamine	1.172	1.160	1.0	108	0.00
20	3+4-Methylphenols	1.749	1.626	7.0	107	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	110	0.00
22	Acetophenone	0.506	0.500	1.2	109	0.00
23 S	Nitrobenzene-d5	0.359	0.345	3.9	104	0.00
24	Nitrobenzene	0.375	0.354	5.6	100	0.00
25	Isophorone	0.745	0.734	1.5	108	0.00
26 C	2-Nitrophenol	0.162	0.163	-0.6	104	0.00
27	2,4-Dimethylphenol	0.284	0.298	-4.9	110	0.00
28	bis(2-Chloroethoxy)methane	0.402	0.391	2.7	104	0.00
29 C	2,4-Dichlorophenol	0.300	0.283	5.7	100	0.00
30	1,2,4-Trichlorobenzene	0.316	0.307	2.8	105	0.00
31	Naphthalene	1.037	0.972	6.3	103	0.00
32	Benzoic acid	0.226	0.229	-1.3	105	-0.06
33	4-Chloroaniline	0.402	0.439	-9.2	114	0.00
34 C	Hexachlorobutadiene	0.234	0.215	8.1	99	0.00
35	Caprolactam	0.116	0.112	3.4	99	-0.03
36 C	4-Chloro-3-methylphenol	0.389	0.370	4.9	103	0.00
37	2-Methylnaphthalene	0.771	0.661	14.3	92	0.00
38	1-Methylnaphthalene	0.761	0.701	7.9	99	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	109	0.00
40	1,2,4,5-Tetrachlorobenzene	0.577	0.558	3.3	104	0.00
41 P	Hexachlorocyclopentadiene	0.274	0.353	-28.8#	140	0.00
42 S	2,4,6-Tribromophenol	0.265	0.244	7.9	96	0.00
43 C	2,4,6-Trichlorophenol	0.386	0.380	1.6	104	0.00
44	2,4,5-Trichlorophenol	0.418	0.400	4.3	101	0.00
45 S	2-Fluorobiphenyl	1.310	1.230	6.1	101	0.00
46	1,1'-Biphenyl	1.457	1.421	2.5	104	0.00
47	2-Chloronaphthalene	1.095	1.048	4.3	103	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064226.D
 Acq On : 28 Aug 2025 18:19
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082825

Quant Time: Aug 28 19:07:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.373	0.390	-4.6	104	0.00
49	Acenaphthylene	1.619	1.763	-8.9	115	0.00
50	Dimethylphthalate	1.514	1.435	5.2	101	0.00
51	2,6-Dinitrotoluene	0.293	0.314	-7.2	106	0.00
52 C	Acenaphthene	1.142	1.063	6.9	98	0.00
53	3-Nitroaniline	0.307	0.323	-5.2	106	0.00
54 P	2,4-Dinitrophenol	0.163	0.166	-1.8	102	0.00
55	Dibenzofuran	1.797	1.698	5.5	101	0.00
56 P	4-Nitrophenol	0.252	0.247	2.0	94	0.00
57	2,4-Dinitrotoluene	0.443	0.451	-1.8	102	0.00
58	Fluorene	1.473	1.412	4.1	101	0.00
59	2,3,4,6-Tetrachlorophenol	0.402	0.410	-2.0	107	0.00
60	Diethylphthalate	1.620	1.518	6.3	98	0.00
61	4-Chlorophenyl-phenylether	0.734	0.697	5.0	101	0.00
62	4-Nitroaniline	0.313	0.331	-5.8	103	-0.01
63	Azobenzene	1.444	1.408	2.5	102	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	106	0.00
65	4,6-Dinitro-2-methylphenol	0.115	0.110	4.3	99	0.00
66 c	n-Nitrosodiphenylamine	0.550	0.532	3.3	101	0.00
67	4-Bromophenyl-phenylether	0.212	0.199	6.1	98	0.00
68	Hexachlorobenzene	0.236	0.223	5.5	105	0.00
69	Atrazine	0.230	0.216	6.1	96	0.00
70 C	Pentachlorophenol	0.143	0.132	7.7	92	0.00
71	Phenanthrene	1.055	0.992	6.0	97	0.00
72	Anthracene	1.073	1.018	5.1	97	0.00
73	Carbazole	0.945	0.896	5.2	95	0.00
74	Di-n-butylphthalate	1.136	1.081	4.8	95	0.00
75 C	Fluoranthene	1.240	1.139	8.1	93	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	101	0.00
77	Benzidine	0.421	0.537	-27.6#	122	0.00
78	Pyrene	1.260	1.180	6.3	92	0.00
79 S	Terphenyl-d14	0.959	0.908	5.3	94	0.00
80	Butylbenzylphthalate	0.475	0.460	3.2	94	0.00
81	Benzo(a)anthracene	1.280	1.221	4.6	95	0.00
82	3,3'-Dichlorobenzidine	0.417	0.438	-5.0	104	0.00
83	Chrysene	1.228	1.165	5.1	95	0.00
84	Bis(2-ethylhexyl)phthalate	0.714	0.696	2.5	96	0.00
85 c	Di-n-octyl phthalate	1.243	1.210	2.7	97	0.00
86 I	Perylene-d12	1.000	1.000	0.0	101	0.00
87	Indeno(1,2,3-cd)pyrene	1.366	1.302	4.7	94	-0.02
88	Benzo(b)fluoranthene	1.129	1.102	2.4	95	0.00
89	Benzo(k)fluoranthene	1.150	1.096	4.7	97	-0.01
90 C	Benzo(a)pyrene	1.050	1.059	-0.9	99	0.00
91	Dibenzo(a,h)anthracene	1.097	1.068	2.6	95	-0.01
92	Benzo(g,h,i)perylene	1.067	1.042	2.3	98	-0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064226.D
Acq On : 28 Aug 2025 18:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Quant Time: Aug 28 19:07:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064226.D
 Acq On : 28 Aug 2025 18:19
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	112	0.00
2	1,4-Dioxane	40.000	35.656	10.9	120	0.00
3	Pyridine	40.000	34.517	13.7	99	0.00
4	n-Nitrosodimethylamine	40.000	37.335	6.7	103	0.00
5 S	2-Fluorophenol	80.000	70.880	11.4	100	0.00
6	Aniline	40.000	37.952	5.1	106	0.00
7 S	Phenol-d6	80.000	71.628	10.5	101	0.00
8	2-Chlorophenol	40.000	37.539	6.2	101	0.00
9	Benzaldehyde	40.000	34.257	14.4	88	0.00
10 C	Phenol	40.000	37.147	7.1	105	0.00
11	bis(2-Chloroethyl)ether	40.000	37.580	6.1	104	0.00
12	1,3-Dichlorobenzene	40.000	37.215	7.0	103	0.00
13 C	1,4-Dichlorobenzene	40.000	38.174	4.6	107	0.00
14	1,2-Dichlorobenzene	40.000	39.476	1.3	111	0.00
15	Benzyl Alcohol	40.000	38.856	2.9	108	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	36.690	8.3	103	0.00
17	2-Methylphenol	40.000	37.241	6.9	104	0.00
18	Hexachloroethane	40.000	36.223	9.4	99	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	39.592	1.0	108	0.00
20	3+4-Methylphenols	40.000	37.186	7.0	107	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	110	0.00
22	Acetophenone	40.000	39.493	1.3	109	0.00
23 S	Nitrobenzene-d5	80.000	76.975	3.8	104	0.00
24	Nitrobenzene	40.000	37.815	5.5	100	0.00
25	Isophorone	40.000	39.413	1.5	108	0.00
26 C	2-Nitrophenol	40.000	40.318	-0.8	104	0.00
27	2,4-Dimethylphenol	40.000	41.907	-4.8	110	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.946	2.6	104	0.00
29 C	2,4-Dichlorophenol	40.000	37.784	5.5	100	0.00
30	1,2,4-Trichlorobenzene	40.000	38.773	3.1	105	0.00
31	Naphthalene	40.000	37.507	6.2	103	0.00
32	Benzoic acid	40.000	40.656	-1.6	105	-0.06
33	4-Chloroaniline	40.000	43.702	-9.3	114	0.00
34 C	Hexachlorobutadiene	40.000	36.817	8.0	99	0.00
35	Caprolactam	40.000	38.456	3.9	99	-0.03
36 C	4-Chloro-3-methylphenol	40.000	38.019	5.0	103	0.00
37	2-Methylnaphthalene	40.000	34.277	14.3	92	0.00
38	1-Methylnaphthalene	40.000	36.825	7.9	99	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	109	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.648	3.4	104	0.00
41 P	Hexachlorocyclopentadiene	40.000	51.474	-28.7#	140	0.00
42 S	2,4,6-Tribromophenol	80.000	73.586	8.0	96	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.413	1.5	104	0.00
44	2,4,5-Trichlorophenol	40.000	38.249	4.4	101	0.00
45 S	2-Fluorobiphenyl	80.000	75.105	6.1	101	0.00
46	1,1'-Biphenyl	40.000	39.011	2.5	104	0.00
47	2-Chloronaphthalene	40.000	38.279	4.3	103	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064226.D
 Acq On : 28 Aug 2025 18:19
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082825

Quant Time: Aug 28 19:07:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	41.777	-4.4	104	0.00
49	Acenaphthylene	40.000	43.553	-8.9	115	0.00
50	Dimethylphthalate	40.000	37.909	5.2	101	0.00
51	2,6-Dinitrotoluene	40.000	42.818	-7.0	106	0.00
52 C	Acenaphthene	40.000	37.235	6.9	98	0.00
53	3-Nitroaniline	40.000	42.058	-5.1	106	0.00
54 P	2,4-Dinitrophenol	40.000	37.975	5.1	102	0.00
55	Dibenzofuran	40.000	37.793	5.5	101	0.00
56 P	4-Nitrophenol	40.000	39.235	1.9	94	0.00
57	2,4-Dinitrotoluene	40.000	40.756	-1.9	102	0.00
58	Fluorene	40.000	38.343	4.1	101	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.784	-2.0	107	0.00
60	Diethylphthalate	40.000	37.474	6.3	98	0.00
61	4-Chlorophenyl-phenylether	40.000	37.983	5.0	101	0.00
62	4-Nitroaniline	40.000	42.237	-5.6	103	-0.01
63	Azobenzene	40.000	38.992	2.5	102	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	106	0.00
65	4,6-Dinitro-2-methylphenol	40.000	38.211	4.5	99	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.649	3.4	101	0.00
67	4-Bromophenyl-phenylether	40.000	37.437	6.4	98	0.00
68	Hexachlorobenzene	40.000	37.742	5.6	105	0.00
69	Atrazine	40.000	37.526	6.2	96	0.00
70 C	Pentachlorophenol	40.000	36.854	7.9	92	0.00
71	Phenanthrene	40.000	37.635	5.9	97	0.00
72	Anthracene	40.000	37.931	5.2	97	0.00
73	Carbazole	40.000	37.906	5.2	95	0.00
74	Di-n-butylphthalate	40.000	38.074	4.8	95	0.00
75 C	Fluoranthene	40.000	36.720	8.2	93	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	101	0.00
77	Benzydine	40.000	51.021	-27.6#	122	0.00
78	Pyrene	40.000	37.470	6.3	92	0.00
79 S	Terphenyl-d14	80.000	75.787	5.3	94	0.00
80	Butylbenzylphthalate	40.000	38.747	3.1	94	0.00
81	Benzo(a)anthracene	40.000	38.165	4.6	95	0.00
82	3,3'-Dichlorobenzidine	40.000	42.067	-5.2	104	0.00
83	Chrysene	40.000	37.933	5.2	95	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	39.008	2.5	96	0.00
85 c	Di-n-octyl phthalate	40.000	38.929	2.7	97	0.00
86 I	Perylene-d12	20.000	20.000	0.0	101	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	38.123	4.7	94	-0.02
88	Benzo(b)fluoranthene	40.000	39.068	2.3	95	0.00
89	Benzo(k)fluoranthene	40.000	38.135	4.7	97	-0.01
90 C	Benzo(a)pyrene	40.000	40.358	-0.9	99	0.00
91	Dibenzo(a,h)anthracene	40.000	38.953	2.6	95	-0.01
92	Benzo(g,h,i)perylene	40.000	39.074	2.3	98	-0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064226.D
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Sample : SSTDICV040
Misc :
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Instrument :
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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: POWE02Lab Code: ACESDG No.: Q3155Instrument ID: BNA_PCalibration Date(s): 09/11/2025 09/11/2025Calibration Time(s): 08:56 15:20

LAB FILE ID:		RRF2.5 = BP025725.D			RRF005 = BP025726.D		RRF010 = BP025727.D	
		RRF020 = BP025728.D			RRF040 = BP025729.D		RRF060 = BP025731.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
2-Fluorophenol		1.139	1.123	1.320	1.362	1.238	1.240	7.2
Phenol-d6		1.391	1.460	1.793	1.861	1.658	1.648	10.3
Nitrobenzene-d5		0.416	0.410	0.490	0.496	0.455	0.453	7.4
Naphthalene		1.072	1.028	1.164	1.147	1.044	1.078	5.4
2-Fluorobiphenyl		1.563	1.470	1.655	1.596	1.434	1.502	7.5
Fluorene		1.485	1.382	1.579	1.546	1.350	1.431	7.5
2,4,6-Tribromophenol		0.227	0.227	0.270	0.277	0.249	0.249	7.7
Phenanthrene		1.163	1.095	1.247	1.213	1.065	1.135	7.0
Anthracene		1.120	1.086	1.280	1.237	1.107	1.151	7.4
Pyrene		1.307	1.243	1.444	1.430	1.308	1.335	5.7
Terphenyl-d14		1.133	1.093	1.198	1.177	1.054	1.112	5.8
Benzo (a) anthracene		1.346	1.302	1.471	1.453	1.330	1.369	5.0
Chrysene		1.316	1.253	1.397	1.375	1.268	1.305	5.1
Benzo (b) fluoranthene		1.124	1.145	1.304	1.336	1.216	1.223	6.5
Benzo (a) pyrene		1.131	1.100	1.276	1.307	1.208	1.198	6.5
Indeno (1,2,3-cd) pyrene		1.340	1.334	1.533	1.596	1.485	1.454	7.0
Benzo (g,h,i) perylene		1.090	1.078	1.225	1.267	1.197	1.171	6.2

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-BP091225.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Sep 11 16:45:04 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BP025725.D 5 =BP025726.D 10 =BP025727.D 20 =BP025728.D 40 =BP025729.D 50 =BP025733.D 60 =BP025731.D 80 =BP025732.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane		0.565	0.497	0.558	0.546	0.514	0.493	0.469	0.520	7.02
3)	Pyridine		1.376	1.317	1.526	1.566	1.464	1.400	1.380	1.432	6.23
4)	n-Nitrosodimet...			0.639	0.715	0.721	0.680	0.652	0.648	0.676	5.26
5) S	2-Fluorophenol		1.139	1.123	1.320	1.362	1.282	1.238	1.213	1.240	7.19
6)	Aniline		1.980	1.981	2.462	2.509	2.372	2.265	2.263	2.262	9.42
7) S	Phenol-d6		1.391	1.460	1.793	1.861	1.726	1.658	1.643	1.648	10.33
8)	2-Chlorophenol		1.229	1.196	1.448	1.508	1.410	1.366	1.361	1.360	8.28
9)	Benzaldehyde			1.037	0.748	0.875	1.207	1.077	0.981	0.987	16.23
10) C	Phenol		1.512	1.525	1.848	1.964	1.819	1.751	1.741	1.737	9.59
11)	bis(2-Chloroet...		1.313	1.222	1.508	1.555	1.438	1.368	1.365	1.396	8.20
12)	1,3-Dichlorobe...		1.550	1.447	1.662	1.674	1.548	1.489	1.464	1.548	5.87
13) C	1,4-Dichlorobe...		1.550	1.475	1.698	1.690	1.590	1.539	1.492	1.576	5.63
14)	1,2-Dichlorobe...		1.529	1.432	1.634	1.653	1.542	1.485	1.445	1.531	5.64
15)	Benzyl Alcohol			1.092	1.425	1.510	1.411	1.350	1.380	1.361	10.49
16)	2,2'-oxybis(1-...		2.241	2.133	2.476	2.493	2.291	2.164	2.179	2.282	6.47
17)	2-Methylphenol		0.973	1.030	1.268	1.319	1.231	1.185	1.192	1.171	10.72
18)	Hexachloroethane		0.603	0.557	0.633	0.647	0.609	0.588	0.579	0.602	5.18
19) P	n-Nitroso-di-n...	0.961	1.032	1.047	1.300	1.320	1.230	1.151	1.151	1.149	11.29
20)	3+4-Methylphenols			1.352	1.721	1.819	1.693	1.625	1.633	1.640	9.62
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone		0.474	0.488	0.583	0.588	0.550	0.538	0.520	0.534	8.19
23) S	Nitrobenzene-d5		0.416	0.410	0.490	0.496	0.467	0.455	0.440	0.453	7.43
24)	Nitrobenzene		0.366	0.363	0.440	0.449	0.418	0.411	0.400	0.407	8.15
25)	Isophorone		0.737	0.726	0.862	0.860	0.815	0.791	0.787	0.797	6.76
26) C	2-Nitrophenol		0.141	0.154	0.190	0.203	0.193	0.192	0.192	0.181	12.86
27)	2,4-Dimethylph...		0.263	0.286	0.345	0.356	0.327	0.320	0.320	0.317	10.24
28)	bis(2-Chloroet...		0.414	0.423	0.510	0.498	0.474	0.452	0.453	0.461	7.83
29) C	2,4-Dichloroph...		0.267	0.270	0.339	0.349	0.337	0.327	0.323	0.316	10.66
30)	1,2,4-Trichlor...		0.355	0.335	0.377	0.378	0.357	0.346	0.343	0.356	4.60
31)	Naphthalene		1.072	1.028	1.164	1.147	1.084	1.044	1.010	1.078	5.41
32)	Benzoic acid			0.170	0.214	0.261	0.253	0.257	0.259	0.236	15.62
33)	4-Chloroaniline		0.343	0.391	0.489	0.510	0.477	0.465	0.471	0.449	13.27
34) C	Hexachlorobuta...		0.226	0.219	0.247	0.242	0.227	0.226	0.217	0.229	4.97
35)	Caprolactam			0.105	0.127	0.132	0.123	0.120	0.123	0.122	7.52
36) C	4-Chloro-3-met...		0.328	0.338	0.406	0.414	0.394	0.377	0.380	0.377	8.72
37)	2-Methylnaphth...		0.662	0.639	0.758	0.747	0.698	0.677	0.666	0.693	6.47
38)	1-Methylnaphth...		0.726	0.691	0.807	0.800	0.731	0.713	0.703	0.739	6.25

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP091225.M

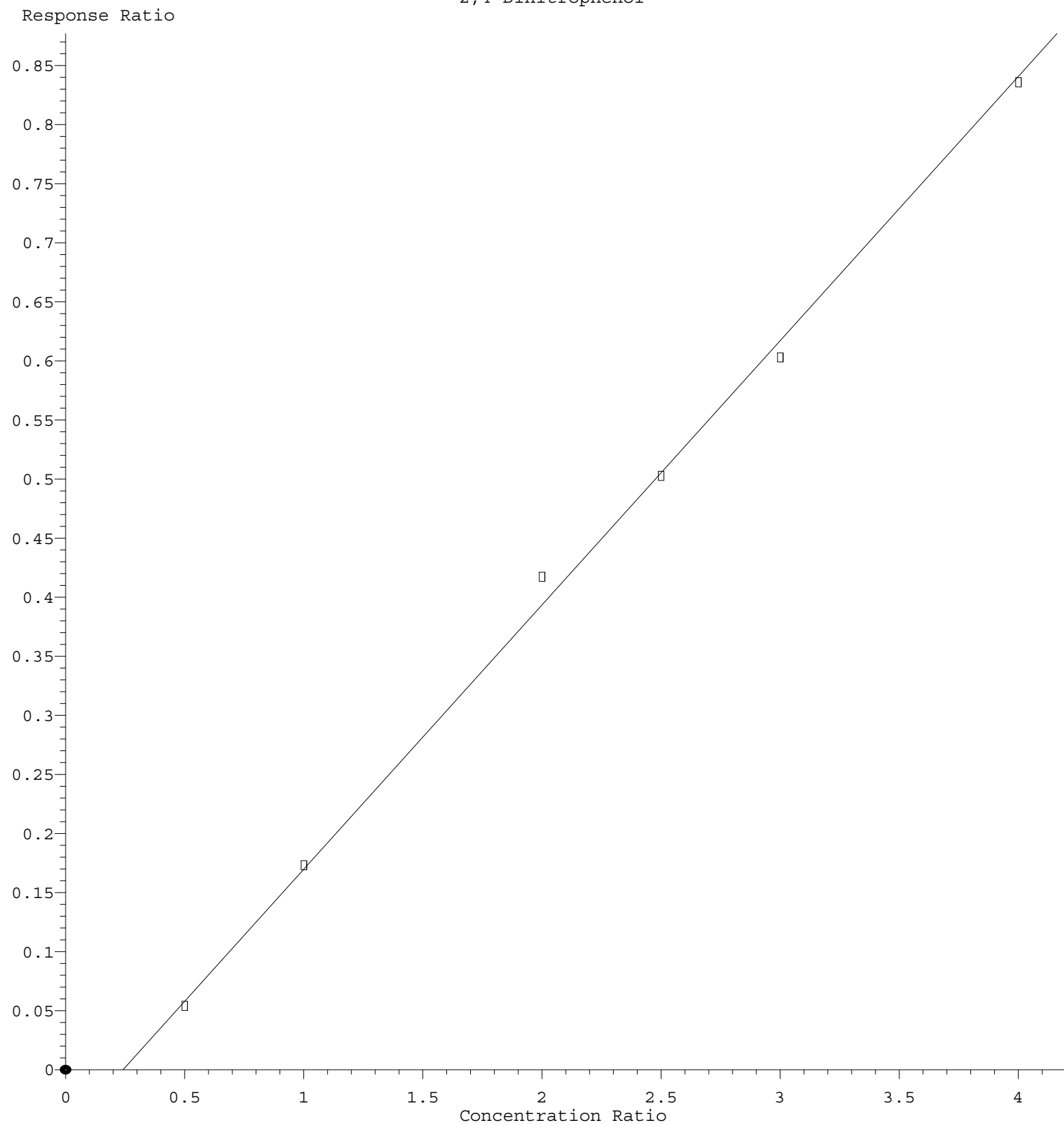
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.590	0.561	0.653	0.660	0.607	0.604	0.568	0.606	6.33	
41) P	Hexachlorocycl...	0.225	0.326	0.380	0.351	0.347	0.351	0.330		16.40	
42) S	2,4,6-Tribromo...	0.227	0.227	0.270	0.277	0.250	0.249	0.246	0.249	7.67	
43) C	2,4,6-Trichlor...	0.340	0.354	0.435	0.445	0.409	0.409	0.397	0.398	9.86	
44)	2,4,5-Trichlor...	0.375	0.389	0.482	0.501	0.459	0.457	0.441	0.443	10.43	
45) S	2-Fluorobiphenyl	1.563	1.470	1.655	1.596	1.479	1.434	1.318	1.502	7.50	
46)	1,1'-Biphenyl	1.458	1.375	1.599	1.587	1.465	1.425	1.366	1.468	6.37	
47)	2-Chloronaphth...	1.140	1.090	1.252	1.240	1.164	1.132	1.073	1.156	5.96	
48)	2-Nitroaniline	0.309	0.332	0.416	0.439	0.399	0.402	0.401	0.385	12.14	
49)	Acenaphthylene	1.877	1.791	2.095	2.058	1.904	1.871	1.810	1.915	6.12	
50)	Dimethylphthalate	1.545	1.433	1.682	1.659	1.493	1.446	1.430	1.527	6.95	
51)	2,6-Dinitrotol...	0.286	0.291	0.353	0.358	0.329	0.330	0.318	0.324	8.57	
52) C	Acenaphthene	1.129	1.052	1.207	1.195	1.084	1.055	1.010	1.104	6.80	
53)	3-Nitroaniline	0.266	0.282	0.370	0.394	0.358	0.357	0.355	0.340	13.91	
54) P	2,4-Dinitrophenol	0.108	0.173	0.209	0.201	0.201	0.209	0.183		21.35	
55)	Dibenzofuran	1.834	1.754	1.967	1.922	1.766	1.719	1.640	1.800	6.39	
56) P	4-Nitrophenol	0.148	0.255	0.307	0.273	0.280	0.288	0.258		22.01	
57)	2,4-Dinitrotol...	0.382	0.398	0.501	0.521	0.484	0.471	0.467	0.460	11.27	
58)	Fluorene	1.485	1.382	1.579	1.546	1.385	1.350	1.292	1.431	7.46	
59)	2,3,4,6-Tetrac...	0.362	0.361	0.434	0.446	0.404	0.393	0.395	0.399	8.21	
60)	Diethylphthalate	1.573	1.472	1.697	1.644	1.518	1.473	1.465	1.549	5.98	
61)	4-Chlorophenyl...	0.755	0.699	0.791	0.769	0.704	0.681	0.651	0.721	7.07	
62)	4-Nitroaniline	0.258	0.281	0.381	0.404	0.373	0.376	0.365	0.349	15.91	
63)	Azobenzene	1.421	1.383	1.648	1.643	1.510	1.468	1.410	1.498	7.29	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.093	0.135	0.151	0.143	0.137	0.139	0.133		15.14	
66) c	n-Nitrosodiphe...	0.597	0.573	0.681	0.664	0.628	0.594	0.547	0.612	7.88	
67)	4-Bromophenyl-...	0.213	0.202	0.240	0.238	0.226	0.213	0.205	0.220	6.85	
68)	Hexachlorobenzene	0.243	0.230	0.266	0.261	0.248	0.236	0.231	0.245	5.77	
69)	Atrazine	0.215	0.210	0.260	0.260	0.240	0.227	0.227	0.234	8.54	
70) C	Pentachlorophenol	0.132	0.168	0.179	0.167	0.161	0.163	0.162		9.85	
71)	Phenanthrene	1.163	1.095	1.247	1.213	1.131	1.065	1.027	1.135	6.96	
72)	Anthracene	1.120	1.086	1.280	1.237	1.183	1.107	1.044	1.151	7.39	
73)	Carbazole	0.994	0.998	1.185	1.173	1.105	1.038	0.999	1.070	7.82	
74)	Di-n-butylphth...	1.232	1.213	1.468	1.438	1.339	1.281	1.220	1.313	8.00	
75) C	Fluoranthene	1.387	1.294	1.511	1.447	1.351	1.293	1.242	1.361	6.96	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.523	0.537	0.653	0.631	0.578	0.536	0.576		9.47	
78)	Pyrene	1.307	1.243	1.444	1.430	1.337	1.308	1.274	1.335	5.71	
79) S	Terphenyl-d14	1.133	1.093	1.198	1.177	1.111	1.054	1.017	1.112	5.78	
80)	Butylbenzylpht...	0.519	0.511	0.636	0.647	0.608	0.587	0.588	0.585	9.02	
81)	Benzo(a)anthra...	1.346	1.302	1.471	1.453	1.378	1.330	1.305	1.369	5.02	
82)	3,3'-Dichlorob...	0.425	0.499	0.518	0.488	0.468	0.442	0.473		7.45	
83)	Chrysene	1.316	1.253	1.397	1.375	1.317	1.268	1.210	1.305	5.11	
84)	Bis(2-ethylhex...	0.800	0.781	0.930	0.945	0.861	0.857	0.818	0.856	7.31	
85) c	Di-n-octyl pht...	1.315	1.604	1.670	1.531	1.513	1.504	1.523		7.87	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.340	1.334	1.533	1.596	1.506	1.485	1.386	1.454	6.99
88)	Benzo(b)fluora...	1.124	1.145	1.304	1.336	1.252	1.216	1.186	1.223	6.45
89)	Benzo(k)fluora...	1.228	1.170	1.367	1.341	1.258	1.220	1.151	1.248	6.51
90) C	Benzo(a)pyrene	1.131	1.100	1.276	1.307	1.221	1.208	1.141	1.198	6.45
91)	Dibenzo(a,h)an...	1.116	1.075	1.254	1.297	1.239	1.208	1.143	1.190	6.79
92)	Benzo(g,h,i)pe...	1.090	1.078	1.225	1.267	1.210	1.197	1.125	1.170	6.20

(#) = Out of Range

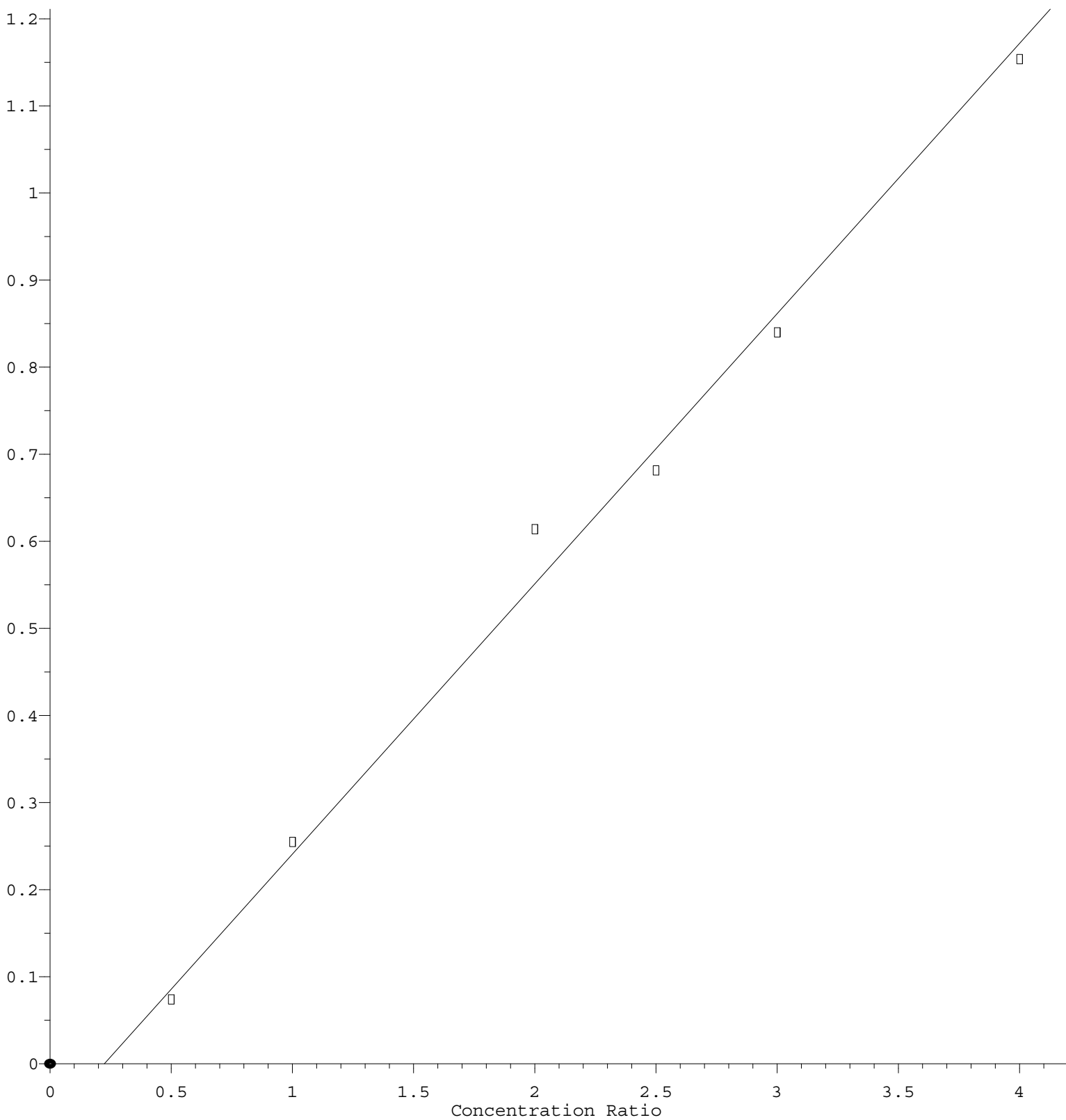
2,4-Dinitrophenol



Response = 2.238e-001 * Amt - 5.399e-002
 Coef of Det (r^2) = 0.998392 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP091225.M
 Calibration Table Last Updated: Thu Sep 11 16:45:04 2025

4-Nitrophenol

Response Ratio



$$\text{Response} = 3.103\text{e-}001 * \text{Amt} - 6.955\text{e-}002$$

Coef of Det (r^2) = 0.993923 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP091225.M

Calibration Table Last Updated: Thu Sep 11 16:45:04 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025725.D
 Acq On : 11 Sep 2025 08:56
 Operator : CG/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC2.5

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:18:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	120353	20.000	ng	-0.02
21) Naphthalene-d8	10.513	136	495839	20.000	ng	-0.01
39) Acenaphthene-d10	14.372	164	354286	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	772731	20.000	ng	0.00
76) Chrysene-d12	21.624	240	878437	20.000	ng	-0.02
86) Perylene-d12	25.001	264	947867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.549	70	14459m	2.116	ng	Qvalue

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

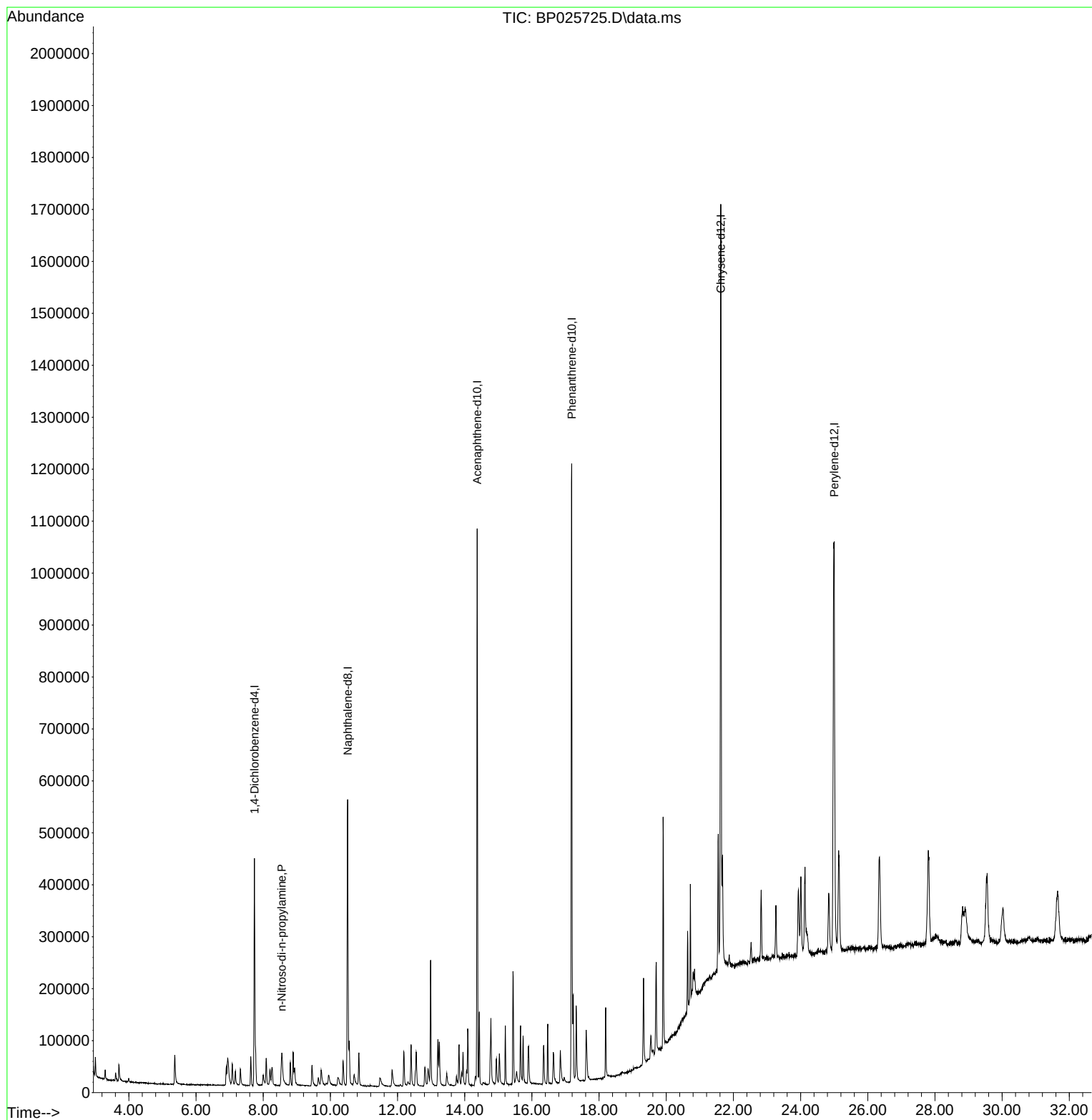
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Data File : BP025725.D
Acq On : 11 Sep 2025 08:56
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

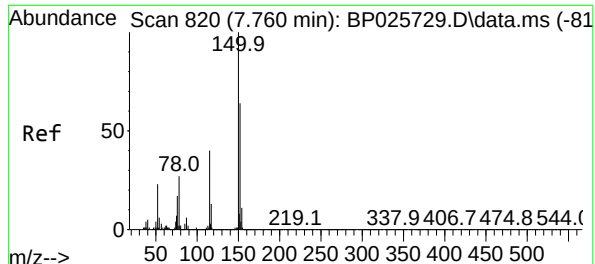
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

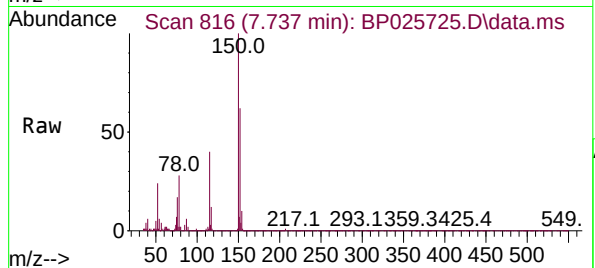
Quant Time: Sep 11 16:18:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.737 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

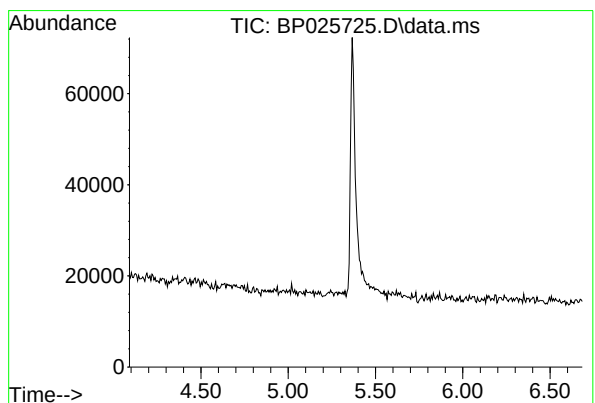
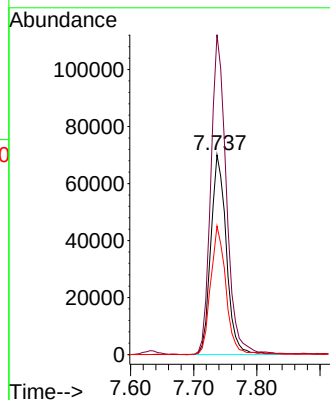
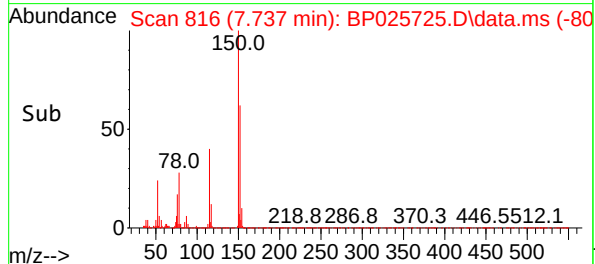
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5



Tgt Ion:152 Resp: 12035
Ion Ratio Lower Upper
152 100
150 160.2 124.3 186.5
115 64.4 50.3 75.5

Manual Integrations
APPROVED

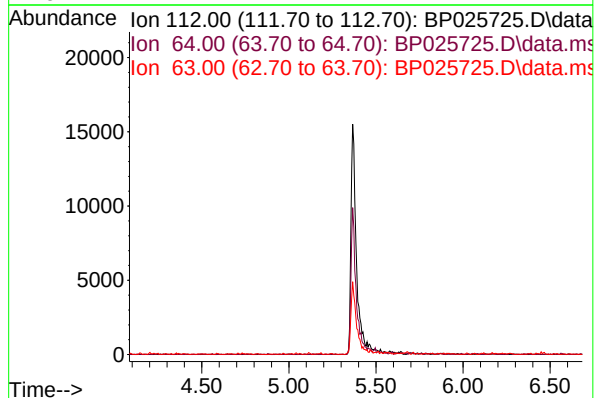
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

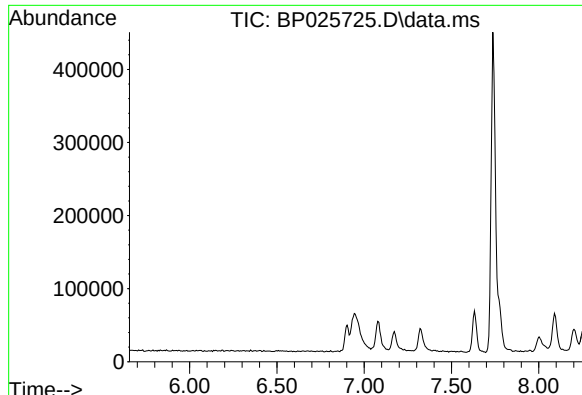


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.38 min

Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

Tgt Ion: 112
Sig Exp Ratio
112 100
64 62.8
63 33.4





#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.95 min

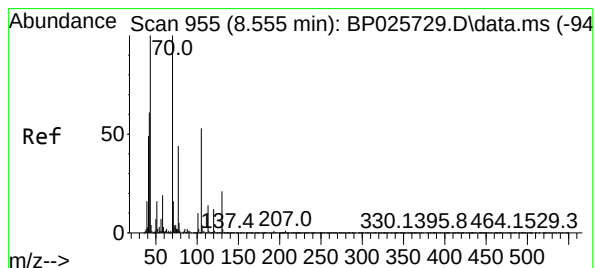
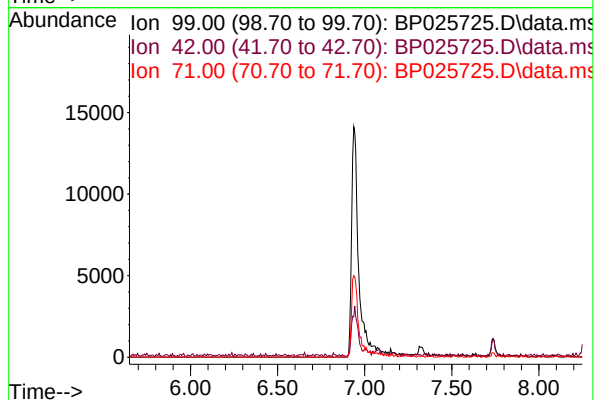
Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99
Sig Exp Ratio
99 100
42 19.5
71 35.8

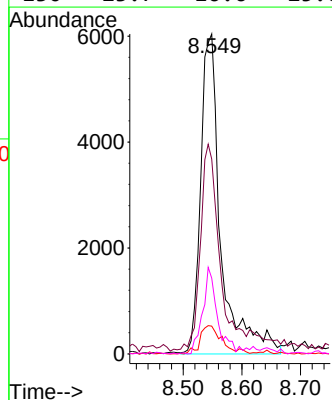
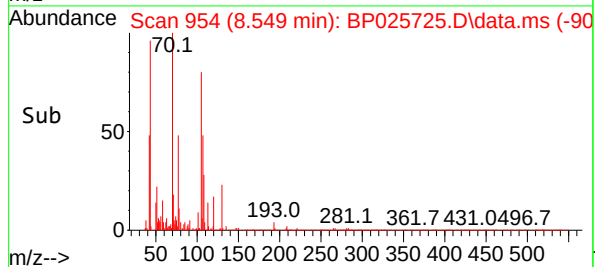
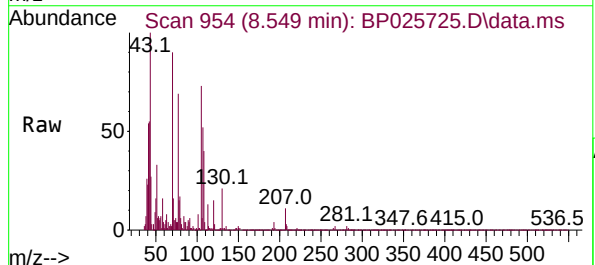
Manual Integrations
APPROVED

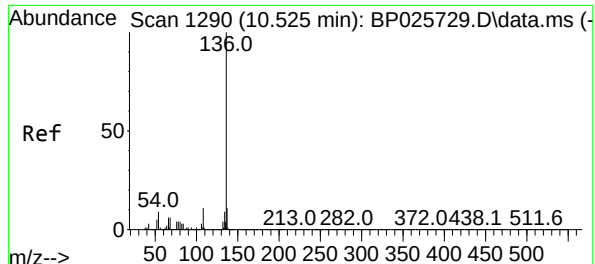
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#19
n-Nitroso-di-n-propylamine
Concen: 2.116 ng m
RT: 8.549 min Scan# 954
Delta R.T. -0.006 min
Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

Tgt Ion: 70 Resp: 14459
Ion Ratio Lower Upper
70 100
42 60.9 49.0 73.4
101 8.7 7.9 11.9
130 23.7 16.6 25.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.513 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP025725.D

Acq: 11 Sep 2025 08:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

Tgt Ion:136 Resp: 495839

Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 9.4 7.5 11.3

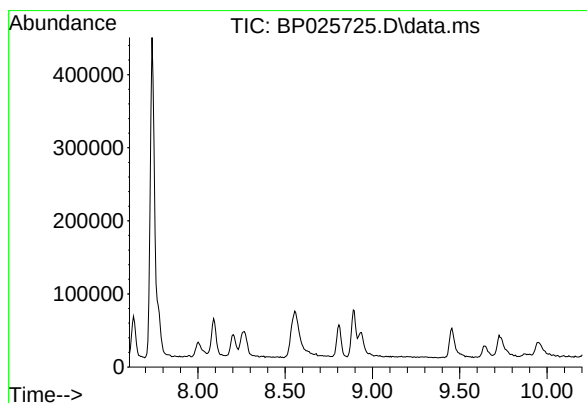
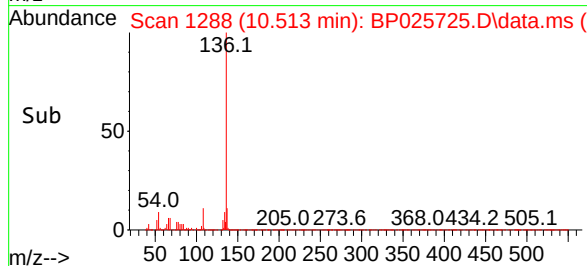
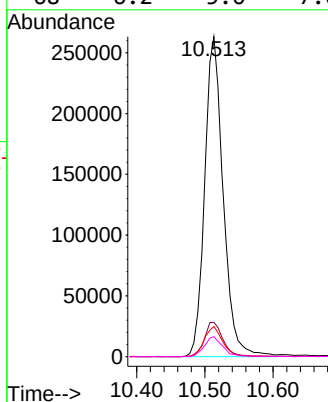
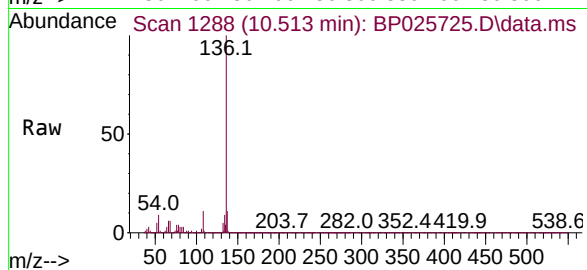
68 6.2 5.0 7.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 8.90 min

Lab File: BP025725.D

Acq: 11 Sep 2025 08:56

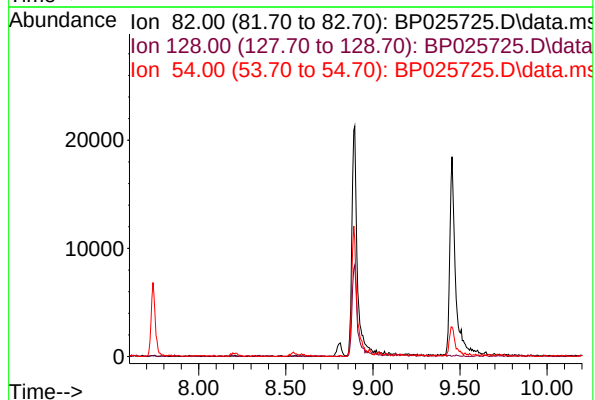
Tgt Ion: 82

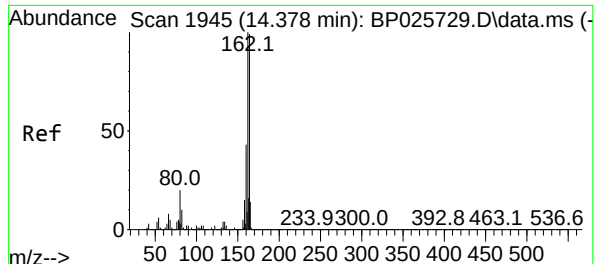
Sig Exp Ratio

82 100

128 41.1

54 54.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.372 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BP025725.D

Acq: 11 Sep 2025 08:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

Tgt Ion:164 Resp: 354286

Ion Ratio Lower Upper

164 100

162 101.9 80.6 120.8

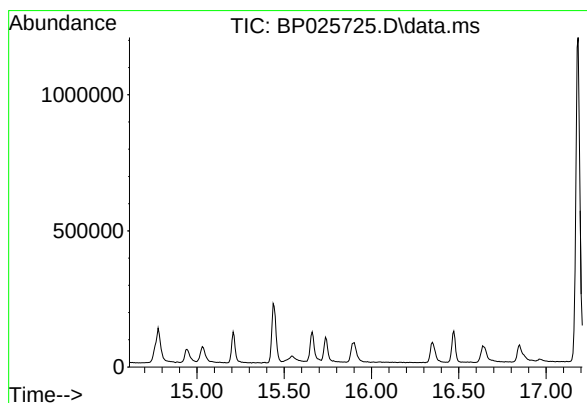
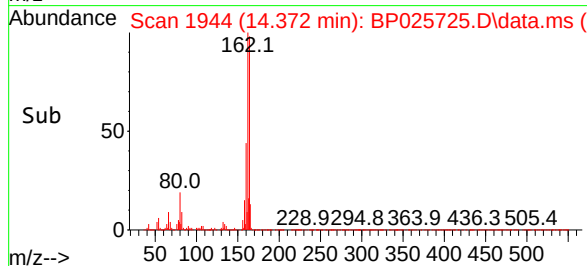
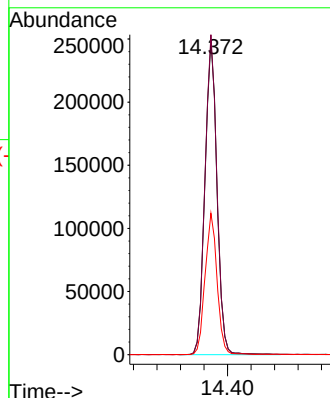
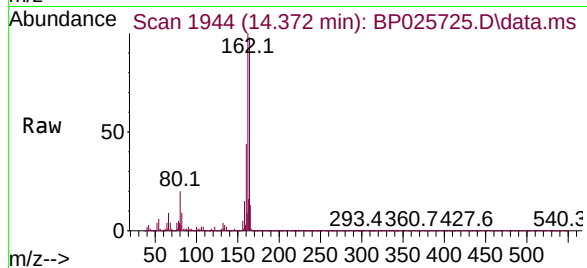
160 45.0 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.91 min

Lab File: BP025725.D

Acq: 11 Sep 2025 08:56

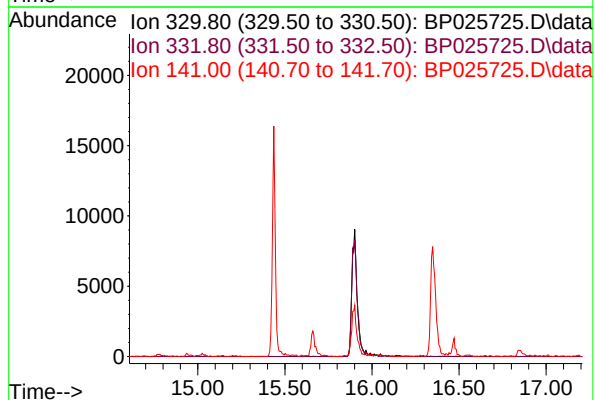
Tgt Ion: 330

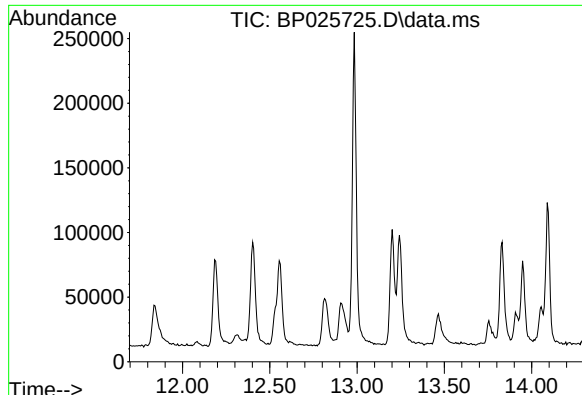
Sig Exp Ratio

330 100

332 96.1

141 38.7





#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.99 min

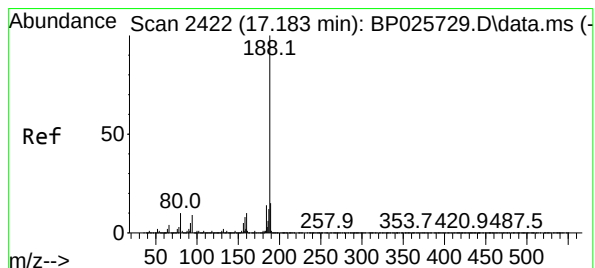
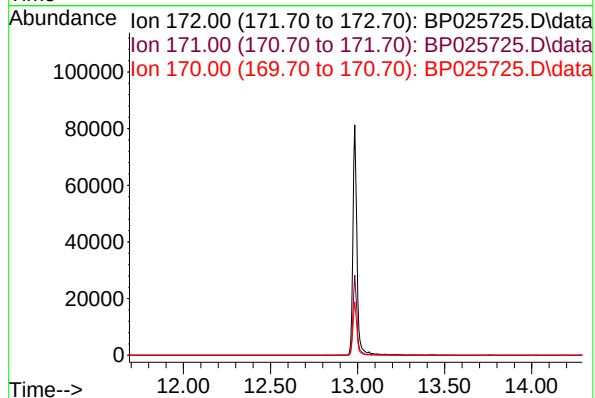
Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172
Sig Exp Ratio
172 100
171 34.7
170 23.2

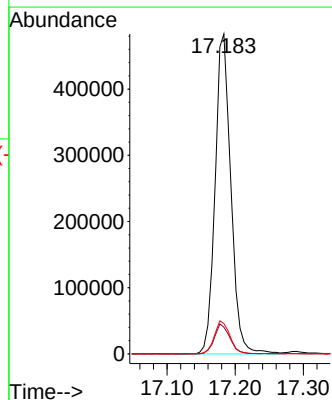
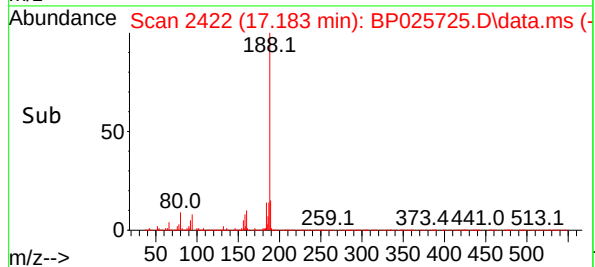
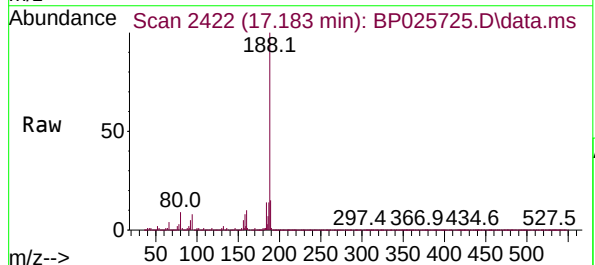
Manual Integrations
APPROVED

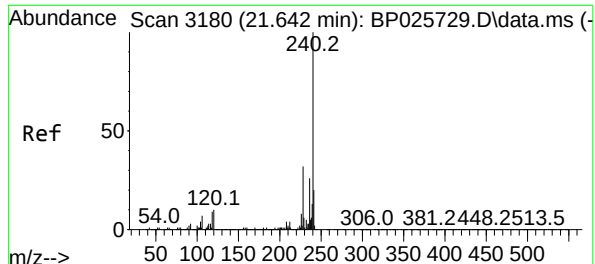
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

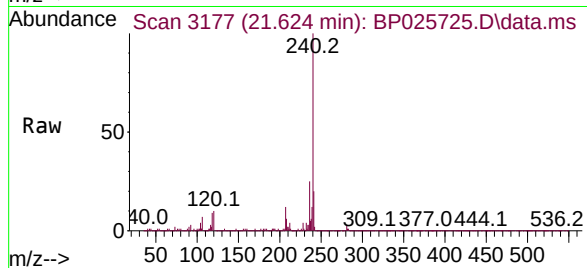
Tgt Ion:188 Resp: 772731
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.0
80 9.5 7.7 11.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

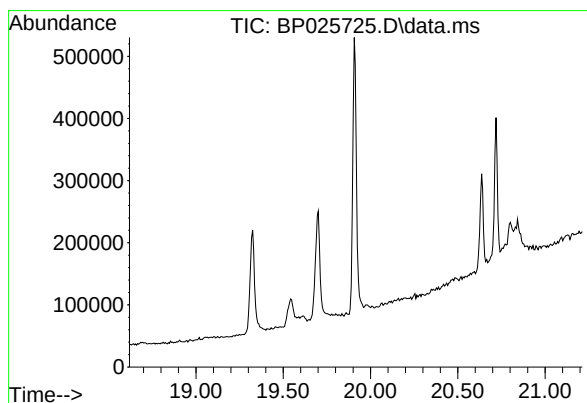
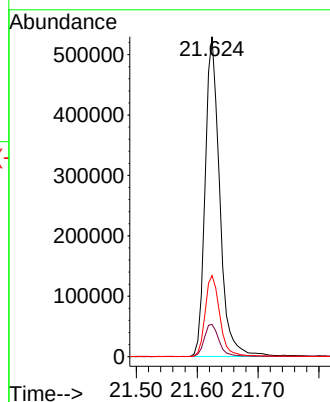
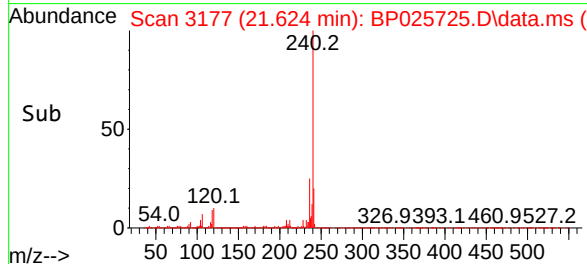
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5



Tgt Ion: 240 Resp: 87843
Ion Ratio Lower Upper
240 100
120 10.1 8.0 12.0
236 25.3 20.7 31.1

Manual Integrations
APPROVED

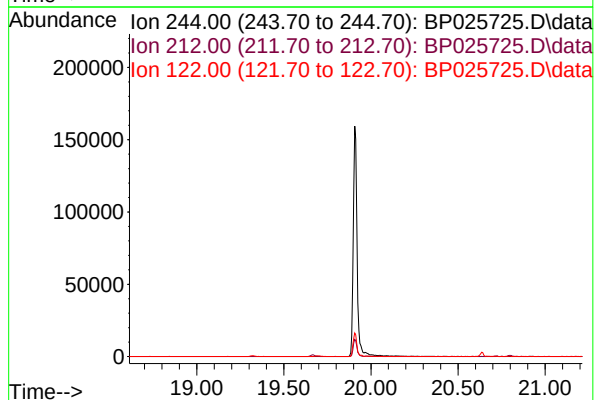
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.91 min

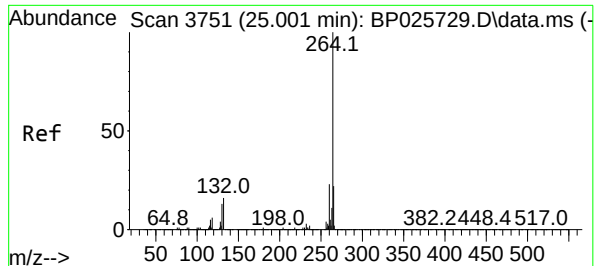
Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.4
122 8.9



Ion 212.00 (211.70 to 212.70): BP025725.D\data.ms

Ion 122.00 (121.70 to 122.70): BP025725.D\data.ms



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.001 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP025725.D

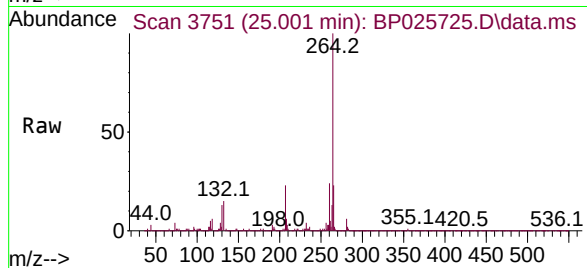
Acq: 11 Sep 2025 08:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



Tgt Ion:264 Resp: 947862

Ion Ratio Lower Upper

264 100

260 24.4 18.3 27.5

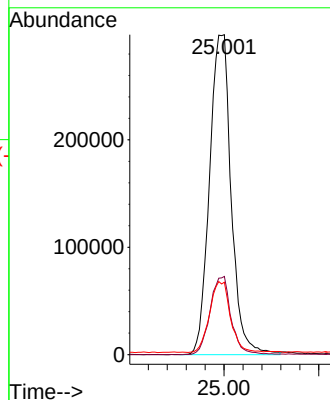
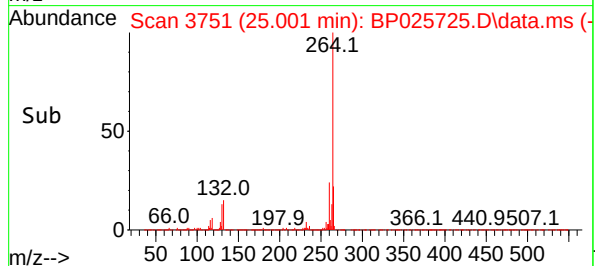
265 22.7 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025726.D
 Acq On : 11 Sep 2025 09:37
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:19:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	118553	20.000	ng	0.00
21) Naphthalene-d8	10.531	136	483637	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	340469	20.000	ng	0.00
64) Phenanthrene-d10	17.184	188	730553	20.000	ng	0.00
76) Chrysene-d12	21.630	240	824671	20.000	ng	-0.01
86) Perylene-d12	24.995	264	899115	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	67503	9.187	ng	0.00
7) Phenol-d6	6.949	99	82479	8.446	ng	0.00
23) Nitrobenzene-d5	8.907	82	100673	9.182	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	38610	9.092	ng	0.00
45) 2-Fluorobiphenyl	12.990	172	266136	10.408	ng	0.00
79) Terphenyl-d14	19.901	244	466997	10.187	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	16745	5.430	ng	98
3) Pyridine	3.714	79	40793	4.804	ng	97
6) Aniline	7.096	93	58671	4.376	ng	96
8) 2-Chlorophenol	7.337	128	36433	4.520	ng	97
10) Phenol	6.978	94	44799	4.350	ng	98
11) bis(2-Chloroethyl)ether	7.184	93	38920	4.704	ng	94
12) 1,3-Dichlorobenzene	7.649	146	45950	5.009	ng	96
13) 1,4-Dichlorobenzene	7.796	146	45935	4.916	ng	99
14) 1,2-Dichlorobenzene	8.113	146	45308	4.991	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.272	45	66422	4.909	ng	94
17) 2-Methylphenol	8.208	107	28845	4.155	ng	97
18) Hexachloroethane	8.825	117	17883	5.010	ng	98
19) n-Nitroso-di-n-propyla...	8.555	70	30598	4.546	ng	100
22) Acetophenone	8.578	105	57314	4.434	ng	# 96
24) Nitrobenzene	8.949	77	44286	4.502	ng	98
25) Isophorone	9.466	82	89058	4.621	ng	98
26) 2-Nitrophenol	9.660	139	17076	3.910	ng	92
27) 2,4-Dimethylphenol	9.731	122	31764	4.146	ng	99
28) bis(2-Chloroethoxy)met...	9.954	93	50074	4.495	ng	96
29) 2,4-Dichlorophenol	10.219	162	32238	4.220	ng	92
30) 1,2,4-Trichlorobenzene	10.396	180	42918	4.985	ng	96
31) Naphthalene	10.584	128	129655	4.972	ng	100
33) 4-Chloroaniline	10.707	127	41517	3.820	ng	96
34) Hexachlorobutadiene	10.866	225	27333	4.932	ng	94
36) 4-Chloro-3-methylphenol	11.837	107	39611	4.350	ng	97
37) 2-Methylnaphthalene	12.190	142	80091	4.782	ng	98
38) 1-Methylnaphthalene	12.407	142	87800	4.916	ng	97
40) 1,2,4,5-Tetrachloroben...	12.566	216	50181	4.864	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	28904	4.262	ng	95
44) 2,4,5-Trichlorophenol	12.901	196	31943	4.232	ng	96
46) 1,1'-Biphenyl	13.201	154	124080	4.965	ng	97
47) 2-Chloronaphthalene	13.248	162	97044	4.932	ng	96
48) 2-Nitroaniline	13.460	65	26322	4.013	ng	95
49) Acenaphthylene	14.095	152	159767	4.900	ng	99
50) Dimethylphthalate	13.831	163	131492	5.059	ng	99
51) 2,6-Dinitrotoluene	13.948	165	24324	4.417	ng	# 81

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025726.D
 Acq On : 11 Sep 2025 09:37
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:19:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.437	154	96066	5.109	ng	97
53) 3-Nitroaniline	14.301	138	22660	3.913	ng	94
55) Dibenzofuran	14.784	168	156097	5.094	ng	99
57) 2,4-Dinitrotoluene	14.748	165	32480	4.144	ng	90
58) Fluorene	15.442	166	126434	5.189	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.025	232	30771	4.525	ng	96
60) Diethylphthalate	15.213	149	133865	5.077	ng	98
61) 4-Chlorophenyl-phenyle...	15.437	204	64305	5.236	ng	96
62) 4-Nitroaniline	15.489	138	21996m	3.710	ng	
63) Azobenzene	15.737	77	120979	4.745	ng	97
66) n-Nitrosodiphenylamine	15.660	169	108999	4.875	ng	98
67) 4-Bromophenyl-phenylether	16.354	248	38933	4.851	ng	99
68) Hexachlorobenzene	16.472	284	44390	4.960	ng	98
69) Atrazine	16.642	200	39255	4.593	ng	96
71) Phenanthrene	17.225	178	212489	5.127	ng	99
72) Anthracene	17.325	178	204585	4.866	ng	99
73) Carbazole	17.619	167	181532	4.644	ng	99
74) Di-n-butylphthalate	18.195	149	225100	4.692	ng	100
75) Fluoranthene	19.319	202	253297	5.096	ng	100
78) Pyrene	19.701	202	269369	4.895	ng	99
80) Butylbenzylphthalate	20.630	149	107059	4.437	ng	99
81) Benzo(a)anthracene	21.607	228	277557	4.916	ng	99
83) Chrysene	21.683	228	271250	5.040	ng	99
84) Bis(2-ethylhexyl)phtha...	21.542	149	164937	4.673	ng	100
87) Indeno(1,2,3-cd)pyrene	28.801	276	301229	4.607	ng	# 89
88) Benzo(b)fluoranthene	23.913	252	252672	4.595	ng	98
89) Benzo(k)fluoranthene	23.983	252	275940	4.918	ng	100
90) Benzo(a)pyrene	24.824	252	254148	4.720	ng	98
91) Dibenzo(a,h)anthracene	28.877	278	250801	4.687	ng	98
92) Benzo(g,h,i)perylene	29.983	276	245079	4.657	ng	97

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

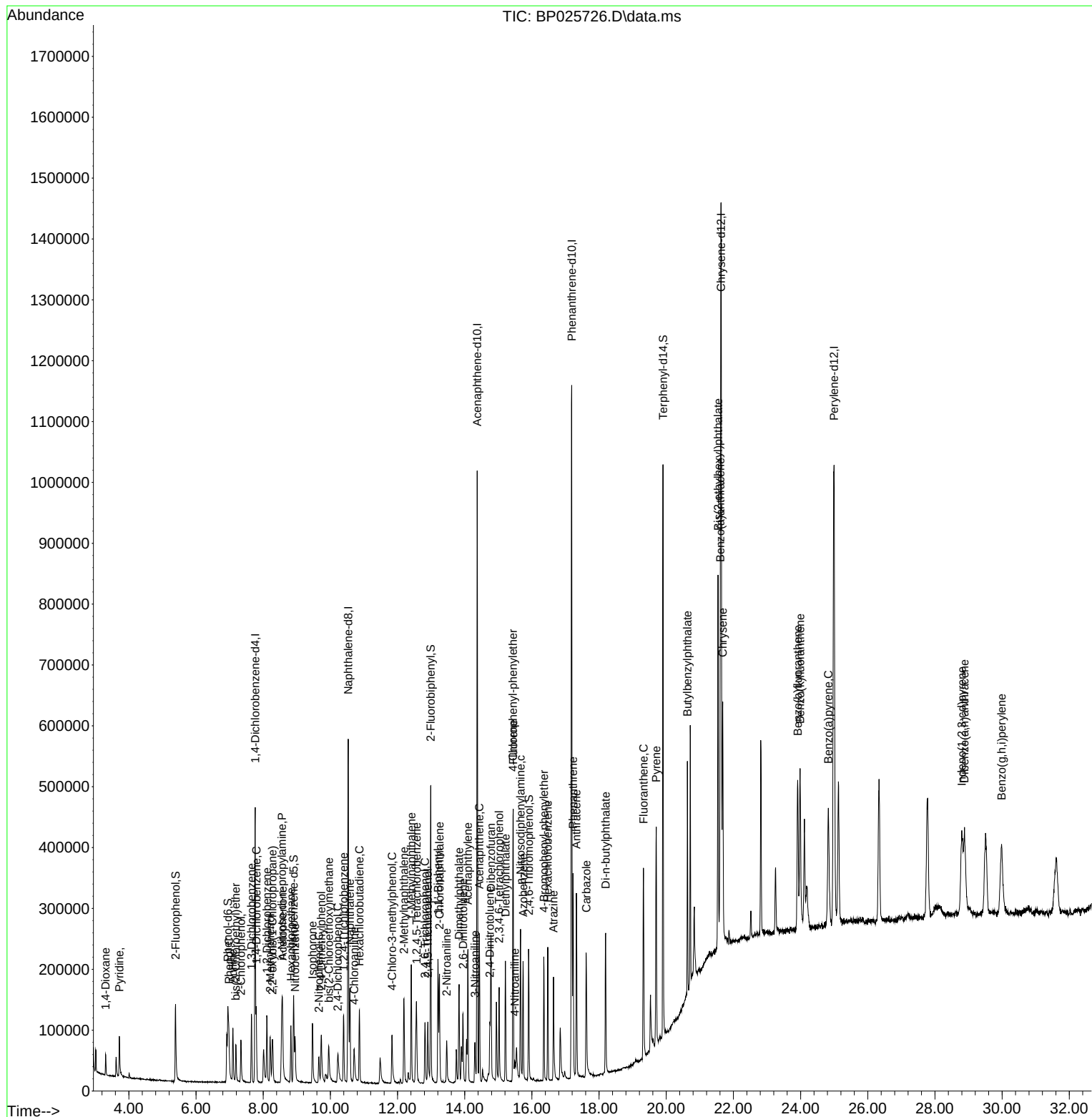
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025726.D
Acq On : 11 Sep 2025 09:37
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

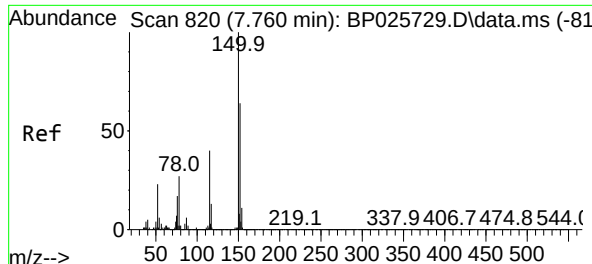
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:19:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration





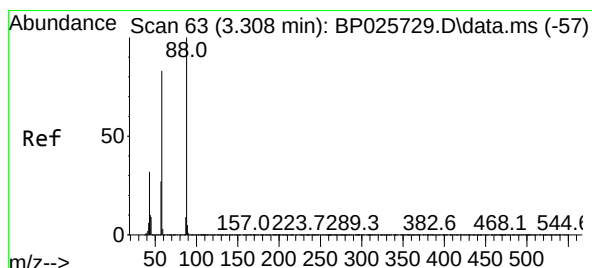
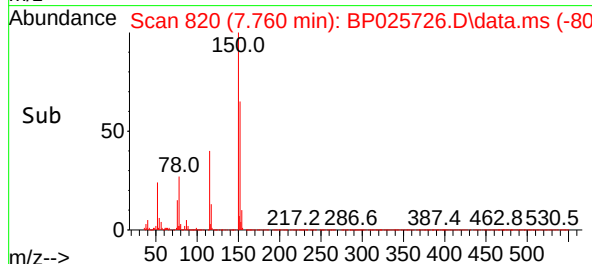
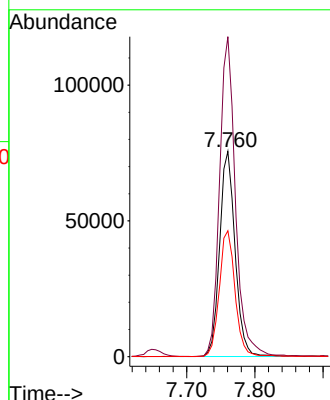
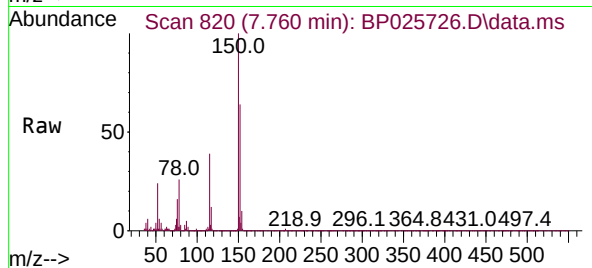
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.760 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 11855
Ion Ratio Lower Upper
152 100
150 156.0 124.3 186.5
115 61.4 50.3 75.5

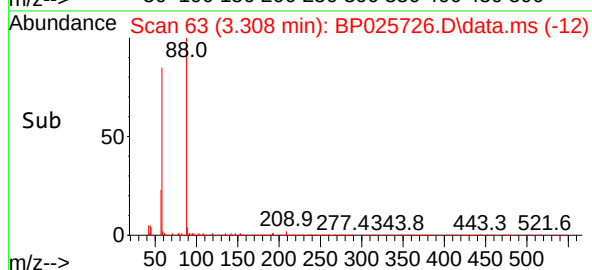
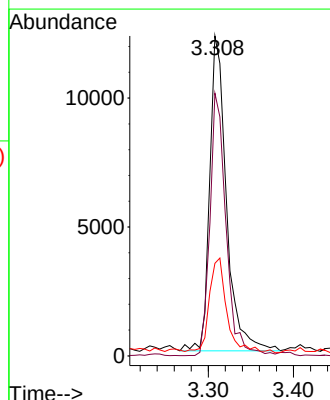
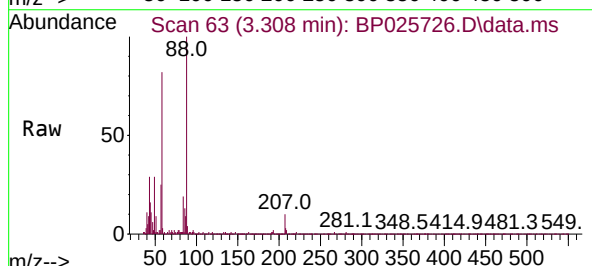
Manual Integrations
APPROVED

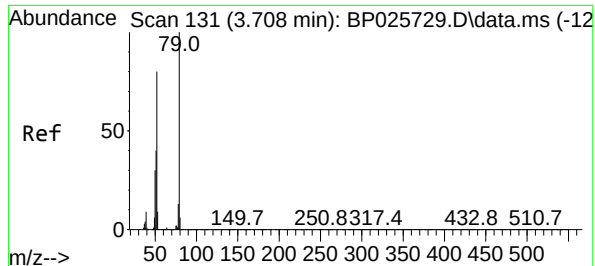
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#2
1,4-Dioxane
Concen: 5.430 ng
RT: 3.308 min Scan# 63
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

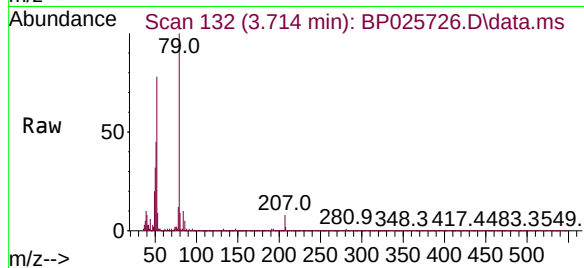
Tgt Ion: 88 Resp: 16745
Ion Ratio Lower Upper
88 100
58 79.8 65.5 98.3
43 31.5 25.2 37.8





#3
Pyridine
Concen: 4.804 ng
RT: 3.714 min Scan# 131
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

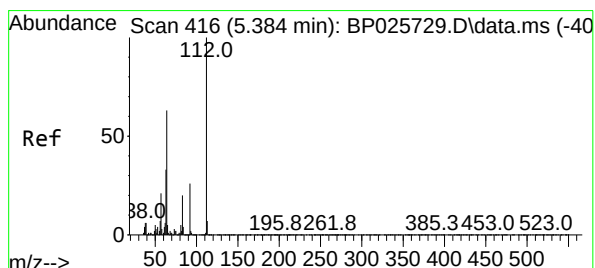
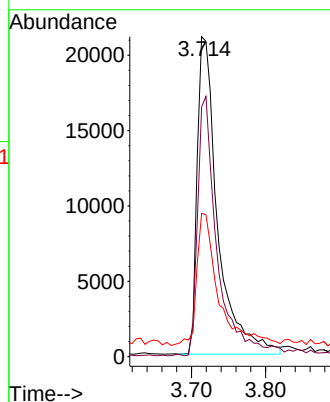
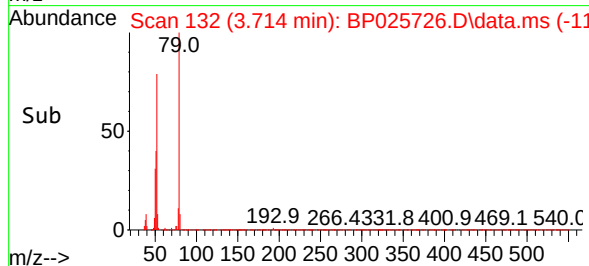
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 79 Resp: 40793
Ion Ratio Lower Upper
79 100
52 78.0 63.7 95.5
51 44.8 32.4 48.6

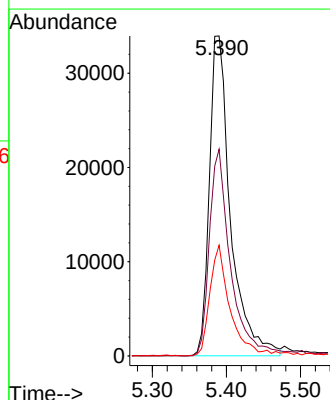
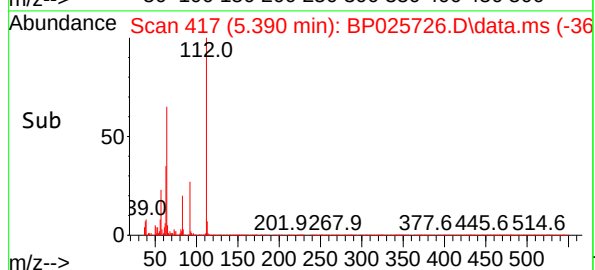
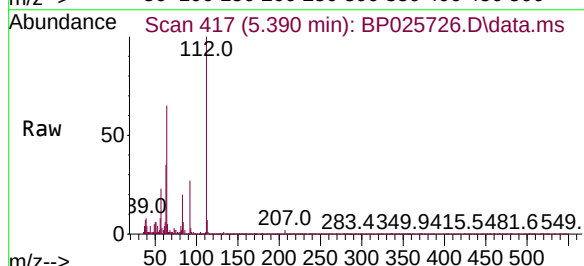
Manual Integrations
APPROVED

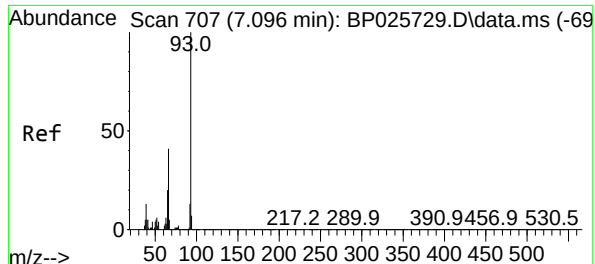
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#5
2-Fluorophenol
Concen: 9.187 ng
RT: 5.390 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

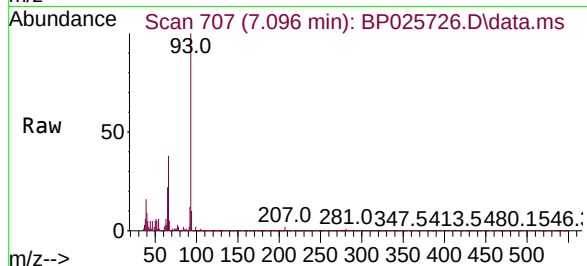
Tgt Ion:112 Resp: 67503
Ion Ratio Lower Upper
112 100
64 64.6 50.2 75.4
63 34.6 26.7 40.1





#6
Aniline
Concen: 4.376 ng
RT: 7.096 min Scan# 707
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

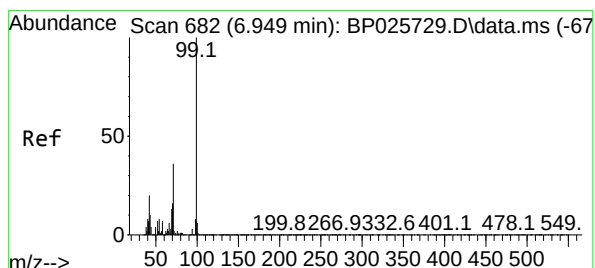
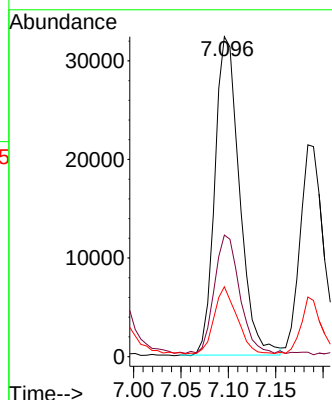
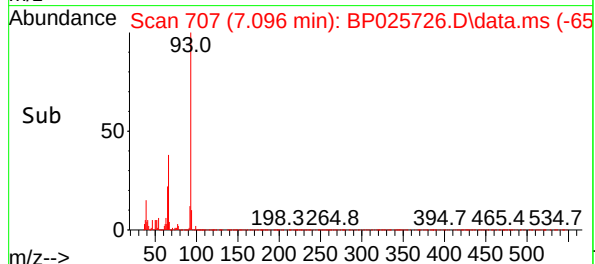
Instrument :
BNA_P
Client Sample Id :
SSTDICC005



Tgt Ion: 93 Resp: 5867
Ion Ratio Lower Upper
93 100
66 38.0 32.6 49.0
65 21.8 16.2 24.2

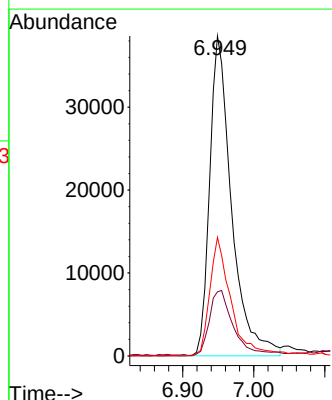
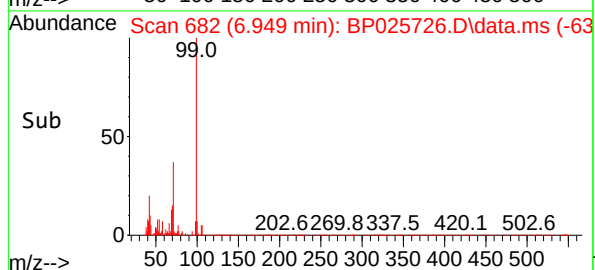
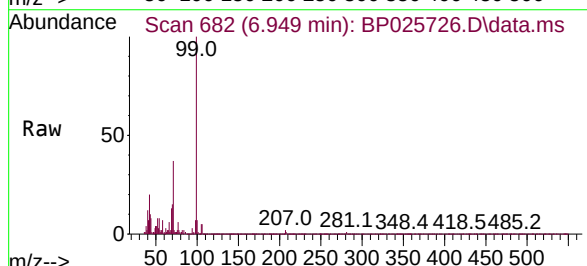
Manual Integrations
APPROVED

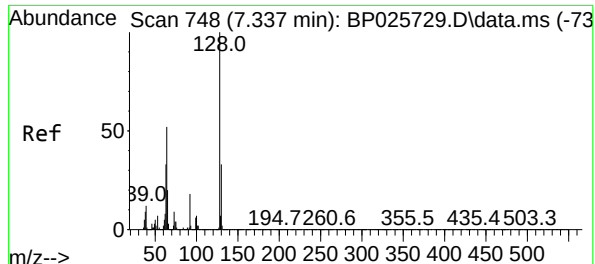
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#7
Phenol-d6
Concen: 8.446 ng
RT: 6.949 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

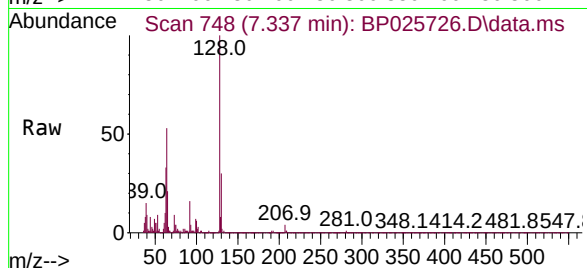
Tgt Ion: 99 Resp: 82479
Ion Ratio Lower Upper
99 100
42 20.0 15.6 23.4
71 37.0 28.6 43.0





#8
2-Chlorophenol
Concen: 4.520 ng
RT: 7.337 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

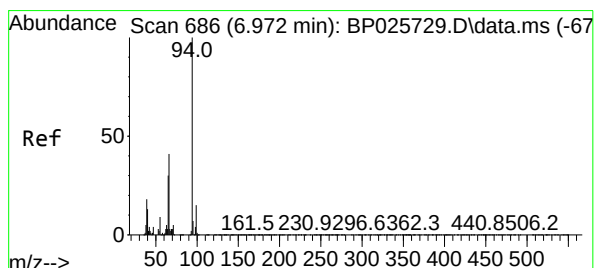
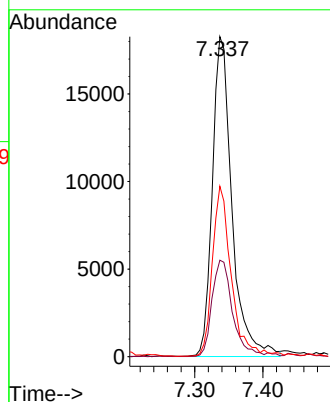
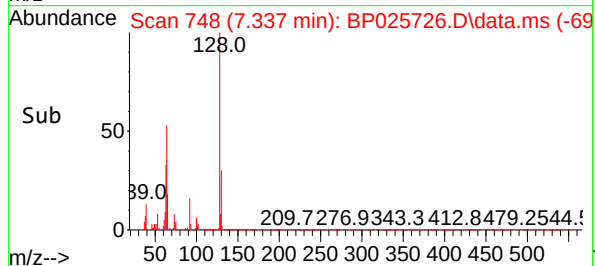
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



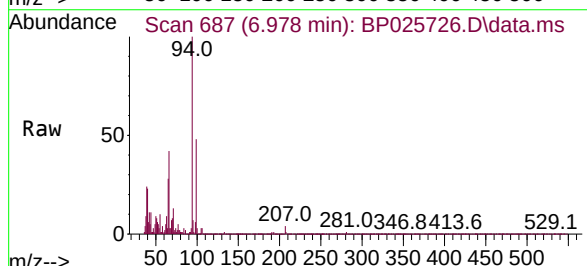
Tgt Ion: 128 Resp: 36433
Ion Ratio Lower Upper
128 100
130 30.1 12.6 52.6
64 53.2 31.6 71.6

Manual Integrations
APPROVED

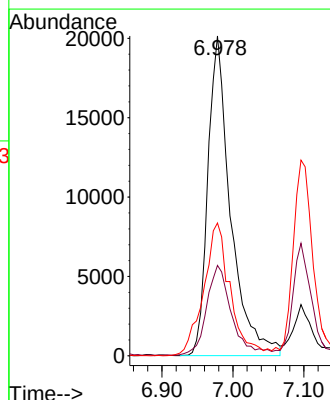
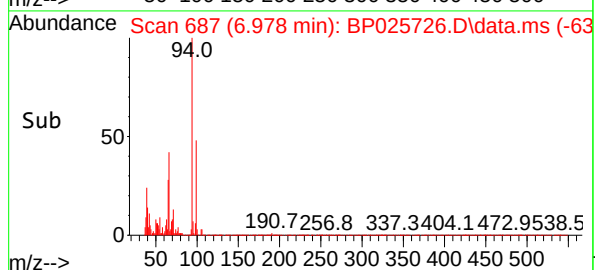
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

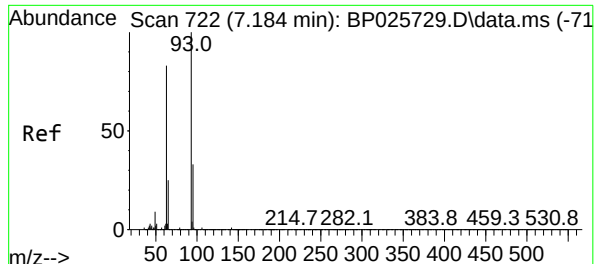


#10
Phenol
Concen: 4.350 ng
RT: 6.978 min Scan# 687
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37



Tgt Ion: 94 Resp: 44799
Ion Ratio Lower Upper
94 100
65 28.3 10.2 50.2
66 41.5 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 4.704 ng

RT: 7.184 min Scan# 722

Delta R.T. 0.000 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

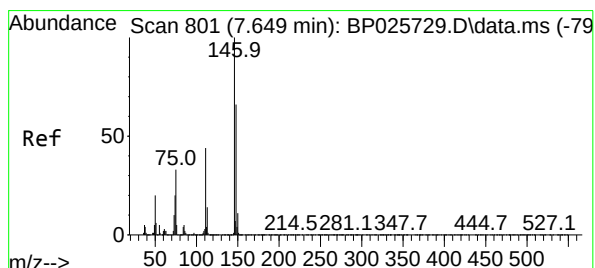
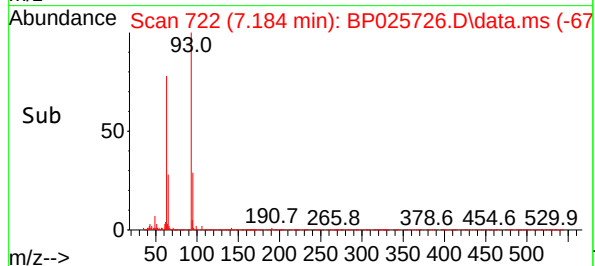
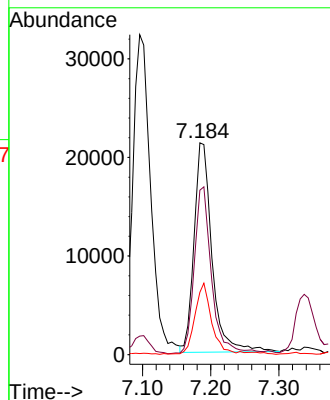
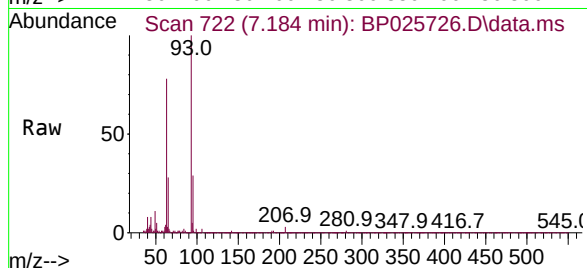
Tgt Ion:	93	Resp:	38920
Ion Ratio	Lower	Upper	
93	100		
63	77.6	62.6	102.6
95	29.4	13.2	53.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#12

1,3-Dichlorobenzene

Concen: 5.009 ng

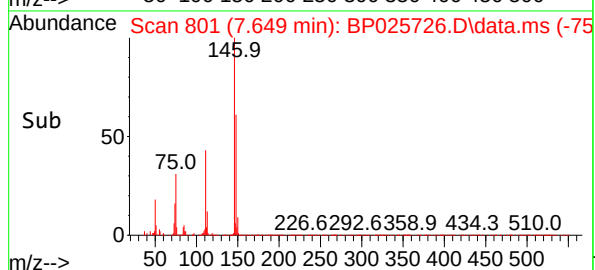
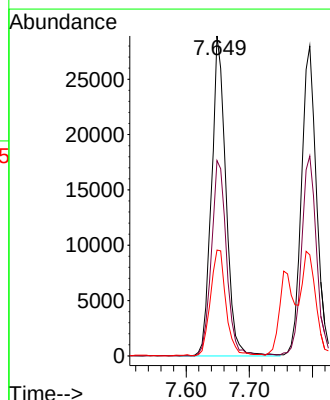
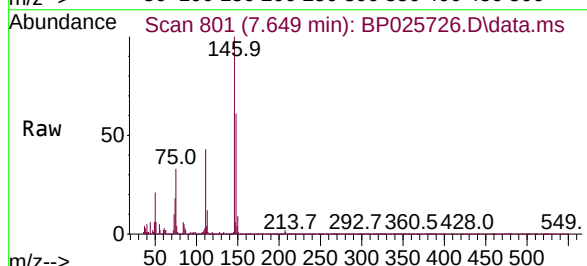
RT: 7.649 min Scan# 801

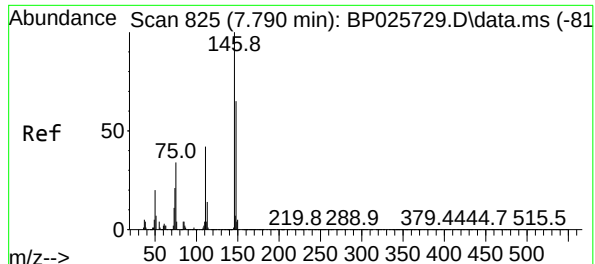
Delta R.T. 0.000 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Tgt Ion:	146	Resp:	45950
Ion Ratio	Lower	Upper	
146	100		
148	61.0	52.7	79.1
75	33.1	26.4	39.6





#13

1,4-Dichlorobenzene

Concen: 4.916 ng

RT: 7.796 min Scan# 801

Delta R.T. 0.006 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA_P

ClientSampleId :

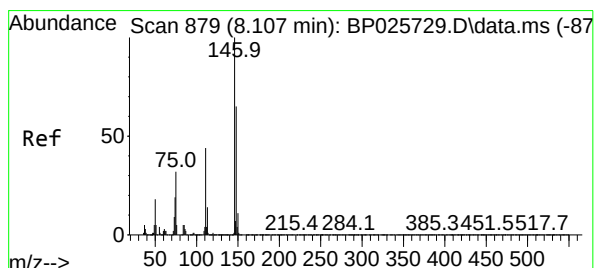
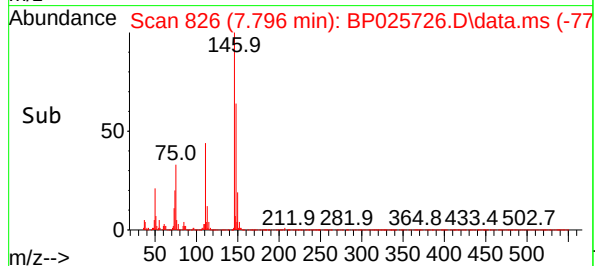
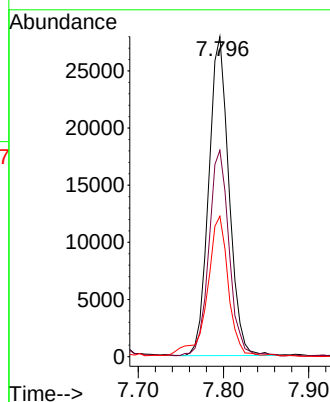
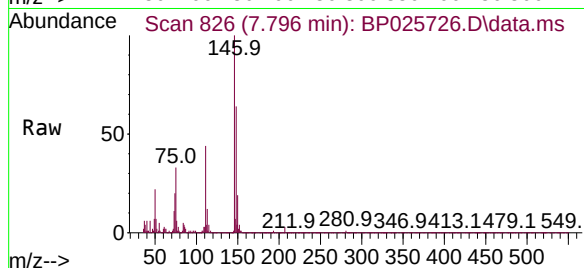
SSTDICC005

Tgt Ion:	146	Resp:	45935
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.0	78.0
111	43.9	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#14

1,2-Dichlorobenzene

Concen: 4.991 ng

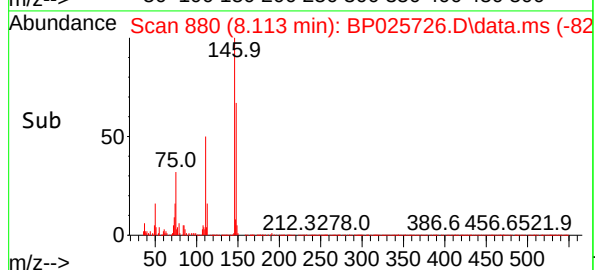
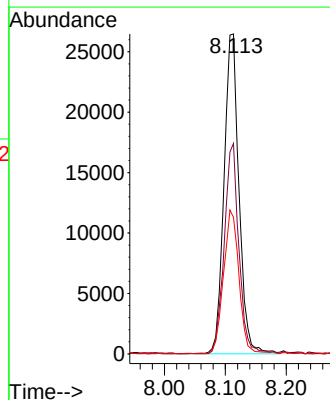
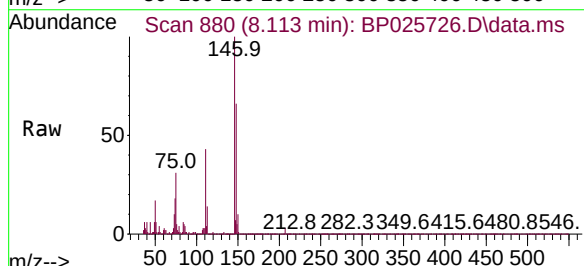
RT: 8.113 min Scan# 880

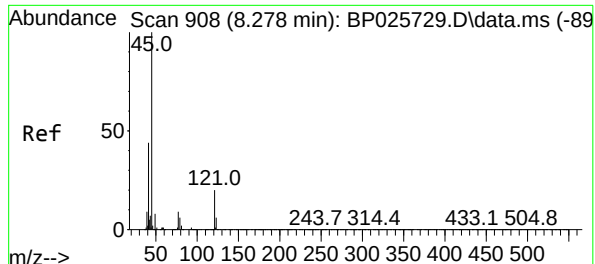
Delta R.T. 0.006 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Tgt Ion:	146	Resp:	45308
Ion Ratio	Lower	Upper	
146	100		
148	65.8	51.7	77.5
111	42.7	35.5	53.3





#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.909 ng
RT: 8.272 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Instrument :

BNA_P

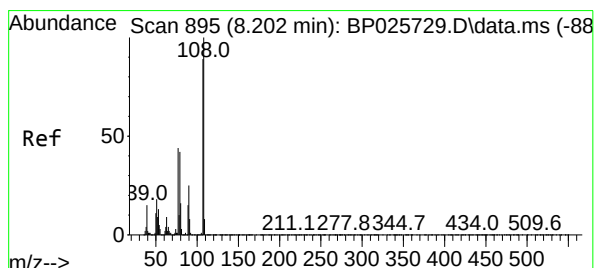
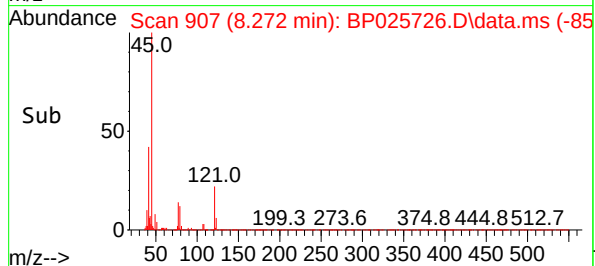
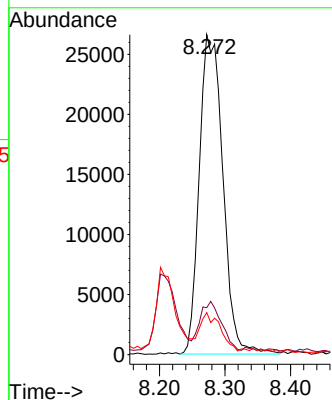
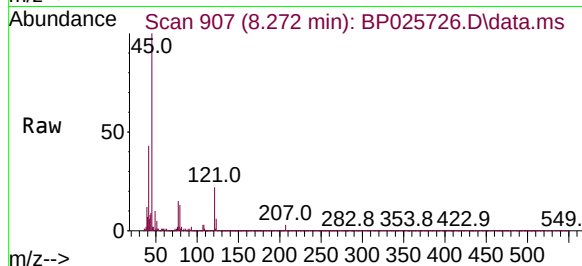
ClientSampleId :

SSTDICC005

Tgt Ion: 45 Resp: 6642
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.1
79 13.1 0.0 30.0

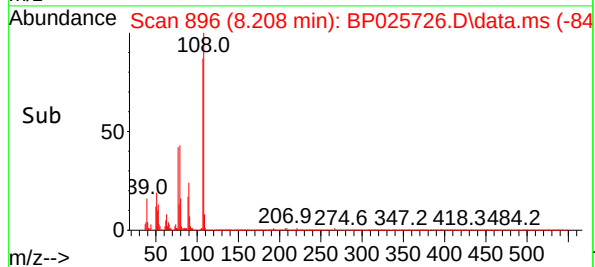
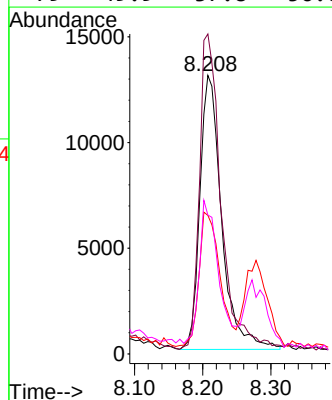
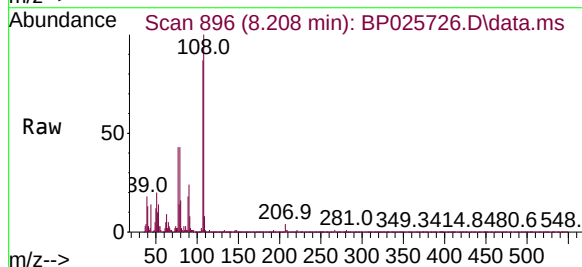
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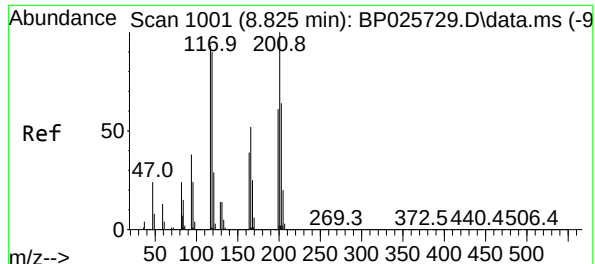
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#17
2-Methylphenol
Concen: 4.155 ng
RT: 8.208 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

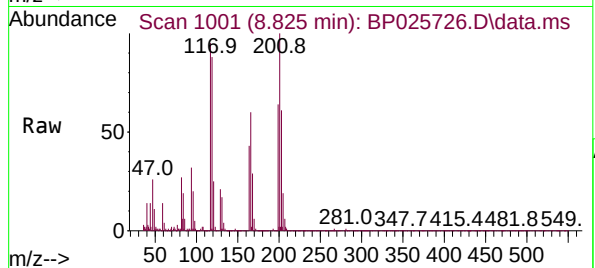
Tgt Ion:107 Resp: 28845
Ion Ratio Lower Upper
107 100
108 114.9 89.6 134.4
77 49.7 39.3 58.9
79 49.9 37.8 56.6





#18
Hexachloroethane
Concen: 5.010 ng
RT: 8.825 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

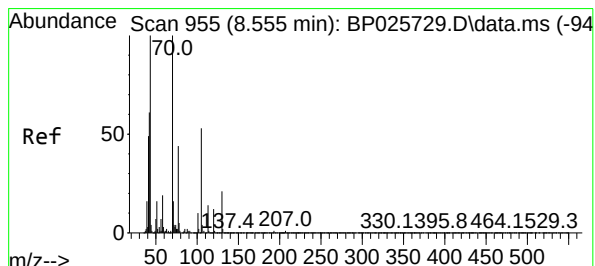
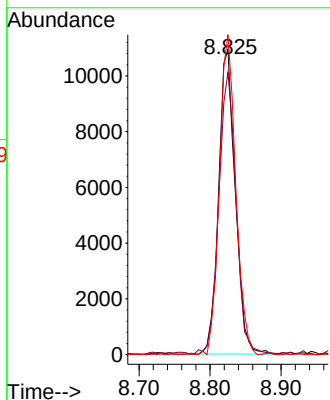
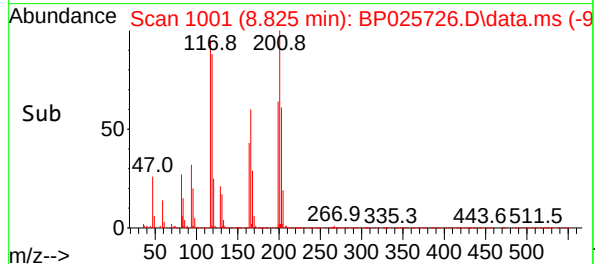
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 117 Resp: 17883
Ion Ratio Lower Upper
117 100
119 92.4 77.1 115.7
201 106.9 85.6 128.4

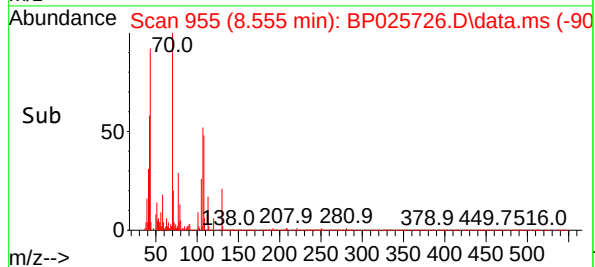
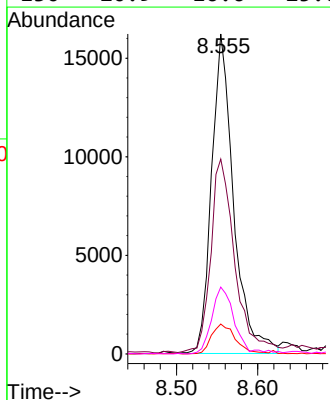
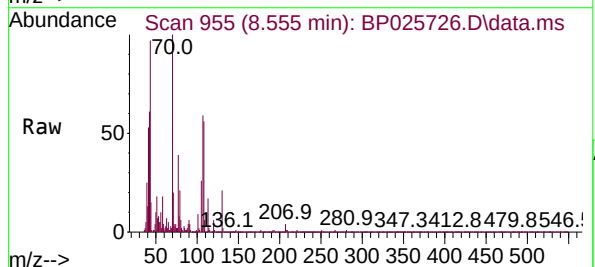
Manual Integrations
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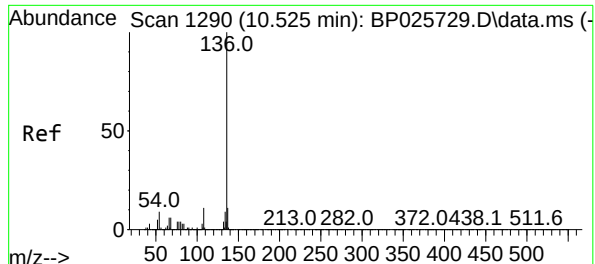
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#19
n-Nitroso-di-n-propylamine
Concen: 4.546 ng
RT: 8.555 min Scan# 955
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 70 Resp: 30598
Ion Ratio Lower Upper
70 100
42 60.9 49.0 73.4
101 9.3 7.9 11.9
130 20.9 16.6 25.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.531 min Scan# 1291

Delta R.T. 0.006 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:136 Resp: 48363

Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.1 7.5 11.3

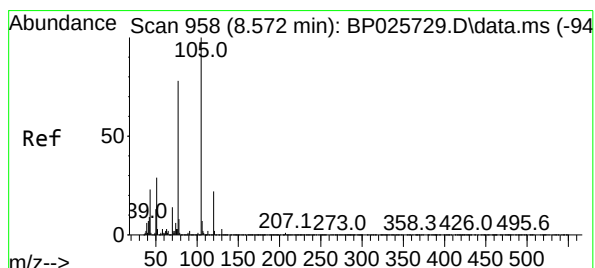
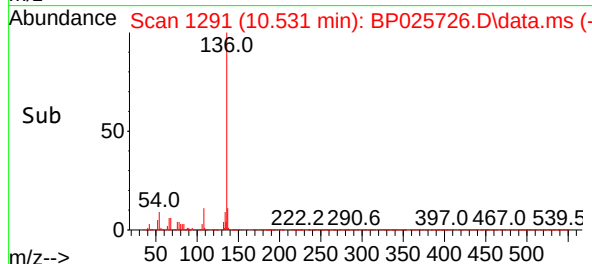
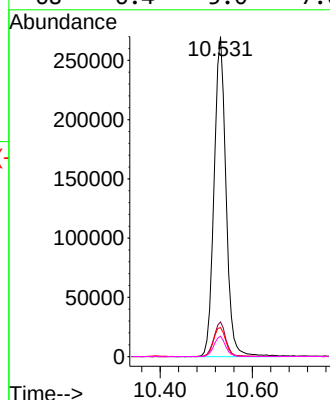
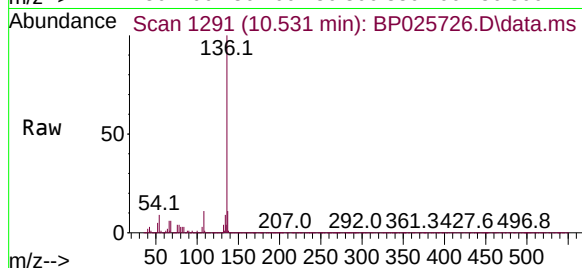
68 6.4 5.0 7.6

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#22

Acetophenone

Concen: 4.434 ng

RT: 8.578 min Scan# 959

Delta R.T. 0.006 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Tgt Ion:105 Resp: 57314

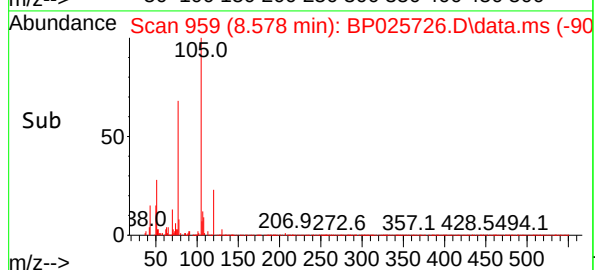
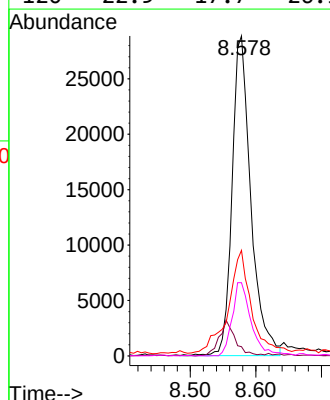
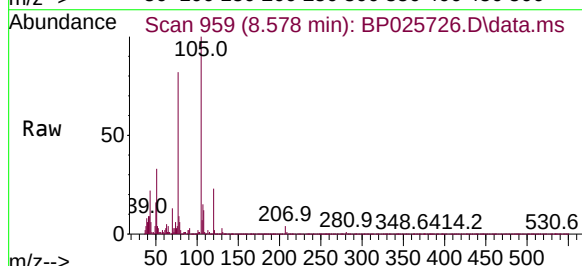
Ion Ratio Lower Upper

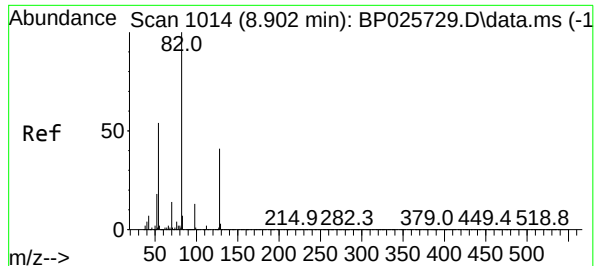
105 100

71 2.9 1.8 2.8

51 33.0 23.5 35.3

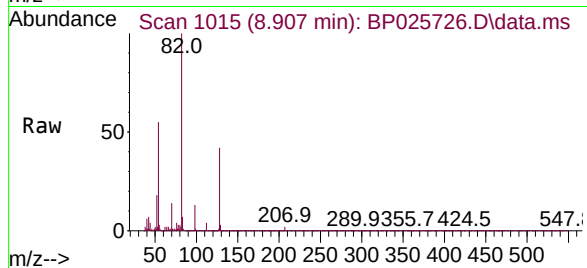
120 22.9 17.7 26.5





#23
Nitrobenzene-d5
Concen: 9.182 ng
RT: 8.907 min Scan# 1015
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

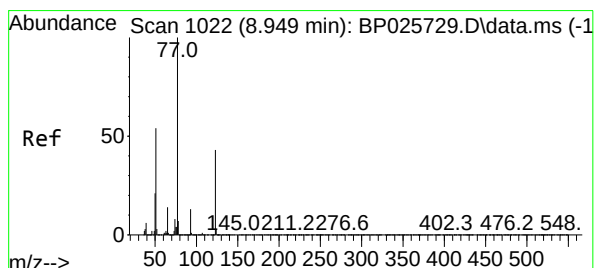
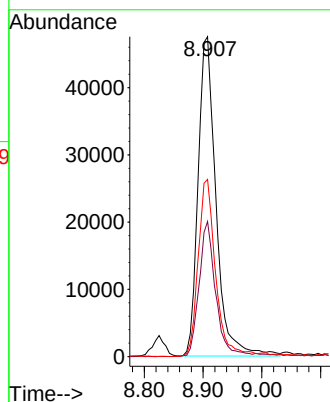
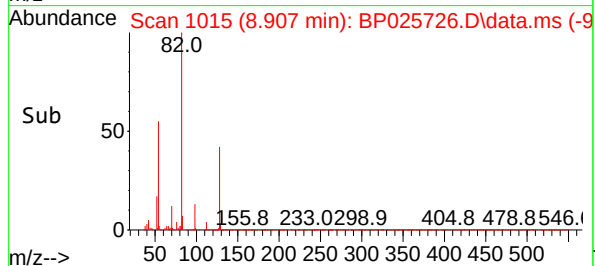
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 82 Resp: 100673
Ion Ratio Lower Upper
82 100
128 42.2 32.9 49.3
54 55.4 43.4 65.2

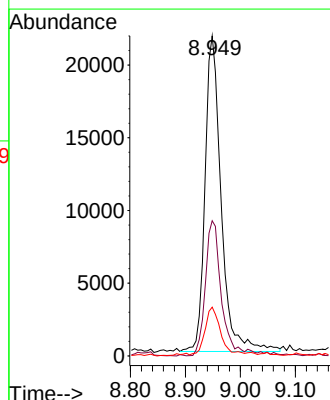
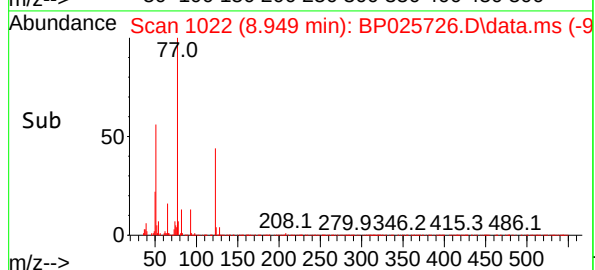
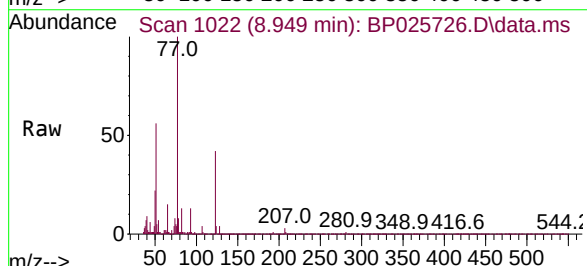
Manual Integrations
APPROVED

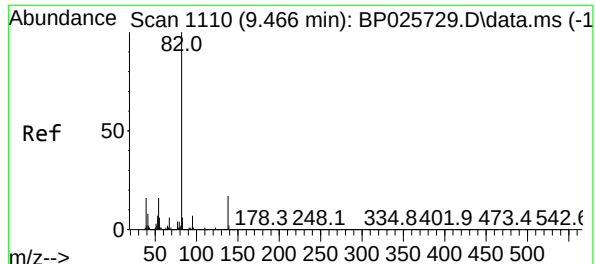
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#24
Nitrobenzene
Concen: 4.502 ng
RT: 8.949 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 77 Resp: 44286
Ion Ratio Lower Upper
77 100
123 42.2 34.4 51.6
65 15.2 10.8 16.2





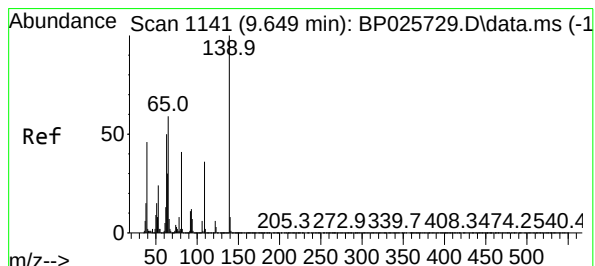
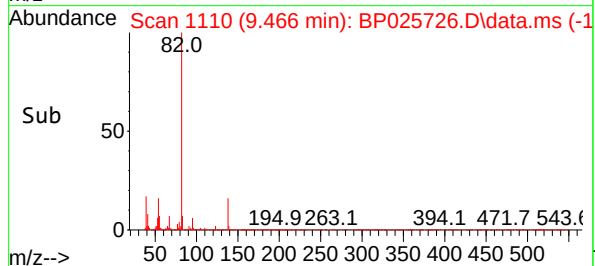
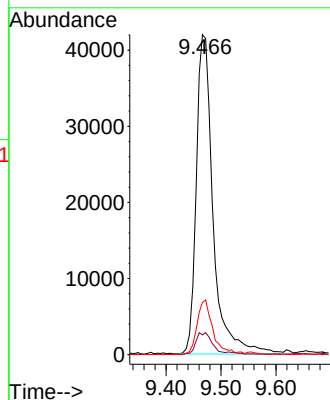
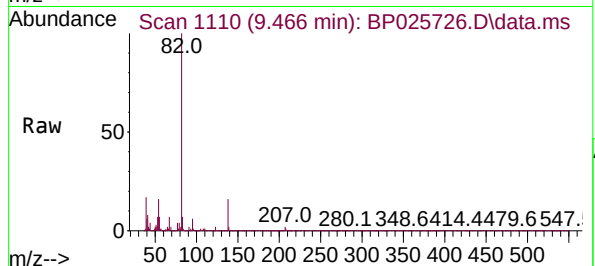
#25
Isophorone
Concen: 4.621 ng
RT: 9.466 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 89058
Ion Ratio Lower Upper
82 100
95 6.2 5.8 8.8
138 16.3 13.5 20.3

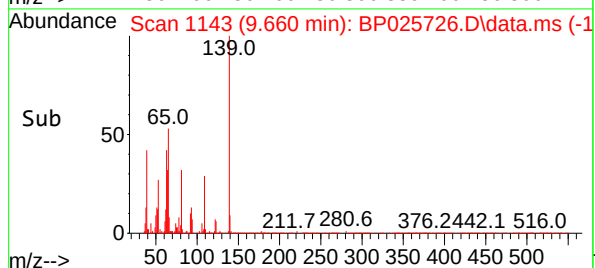
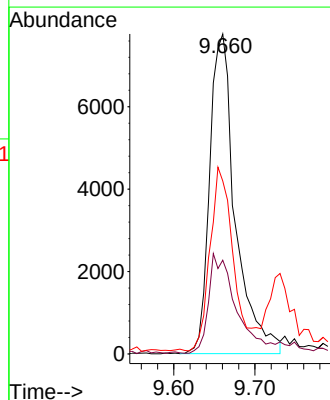
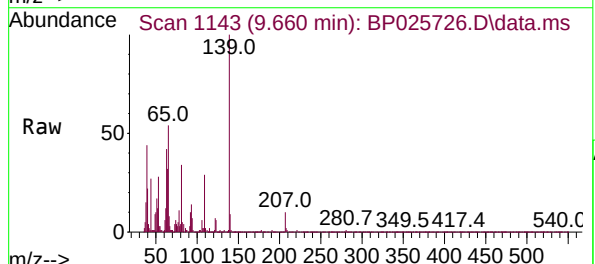
Manual Integrations
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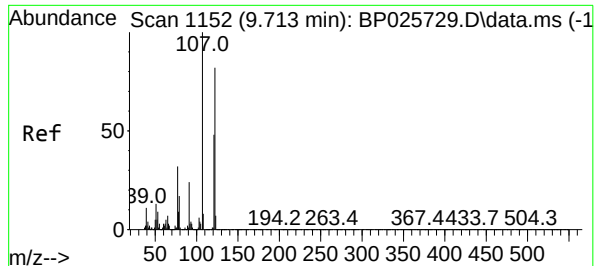
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#26
2-Nitrophenol
Concen: 3.910 ng
RT: 9.660 min Scan# 1143
Delta R.T. 0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:139 Resp: 17076
Ion Ratio Lower Upper
139 100
109 29.3 29.0 43.4
65 54.0 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 4.146 ng

RT: 9.731 min Scan# 1152

Delta R.T. 0.018 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion: 122 Resp: 31764

Ion Ratio Lower Upper

122 100

107 123.1 97.9 146.9

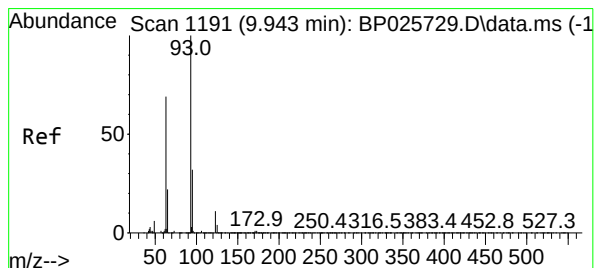
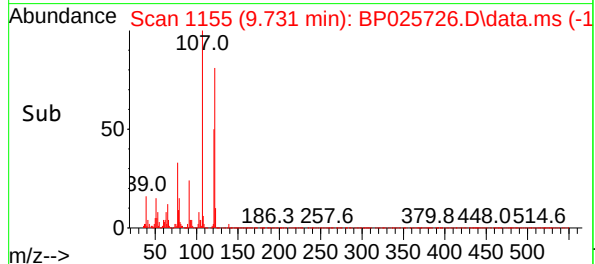
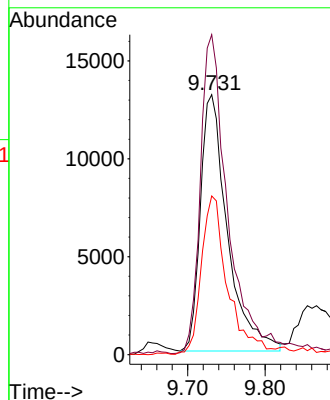
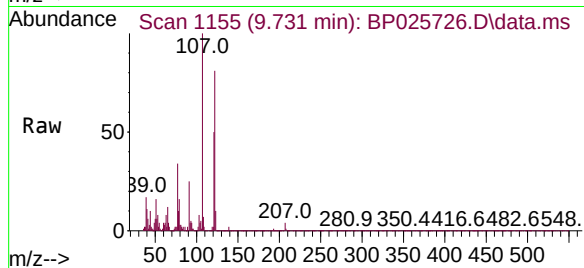
121 61.0 47.4 71.0

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#28

bis(2-Chloroethoxy)methane

Concen: 4.495 ng

RT: 9.954 min Scan# 1193

Delta R.T. 0.012 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

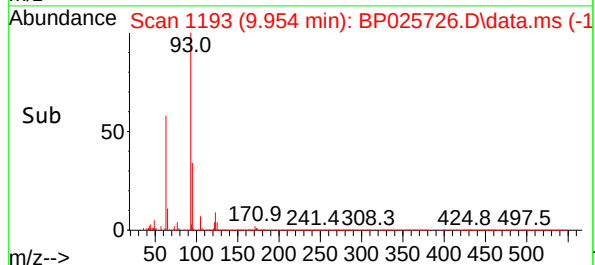
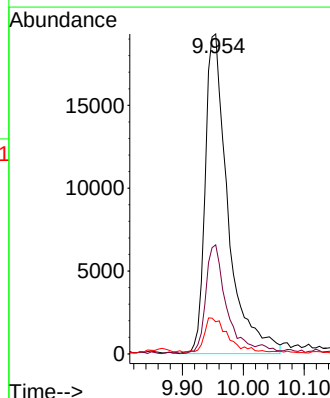
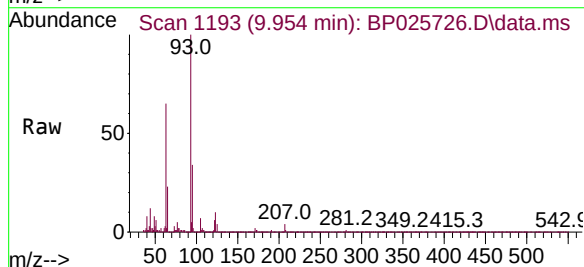
Tgt Ion: 93 Resp: 50074

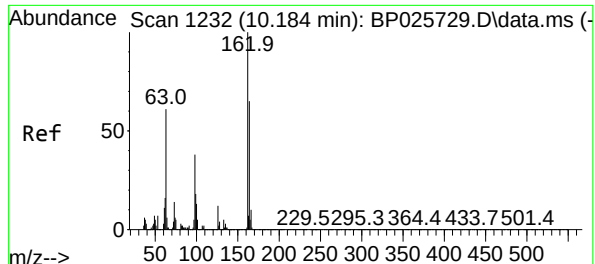
Ion Ratio Lower Upper

93 100

95 34.1 25.6 38.4

123 10.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 4.220 ng

RT: 10.219 min Scan# 1238

Delta R.T. 0.035 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

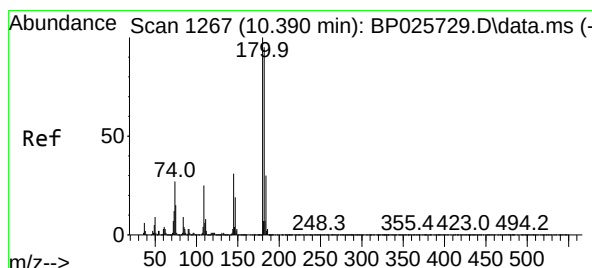
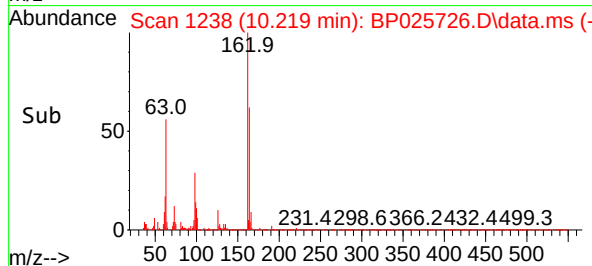
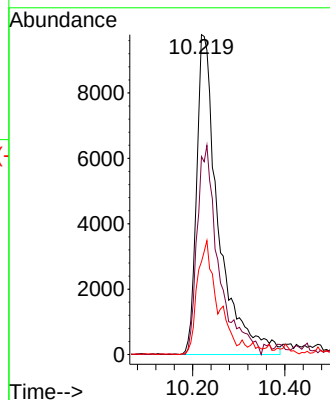
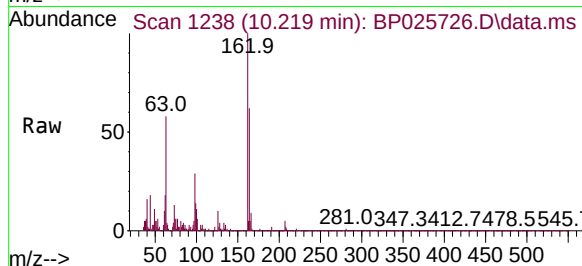
Tgt Ion:	162	Resp:	32238
Ion Ratio	Lower	Upper	
162	100		
164	61.9	44.7	84.7
98	29.0	18.1	58.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 4.985 ng

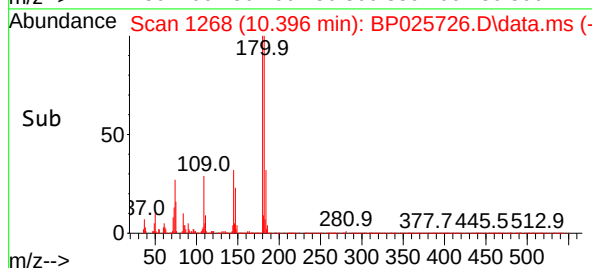
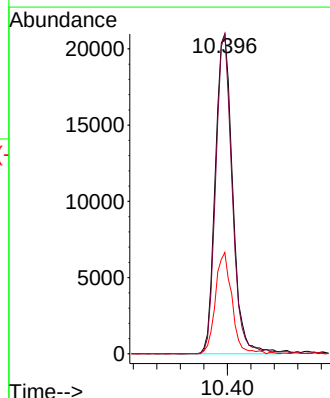
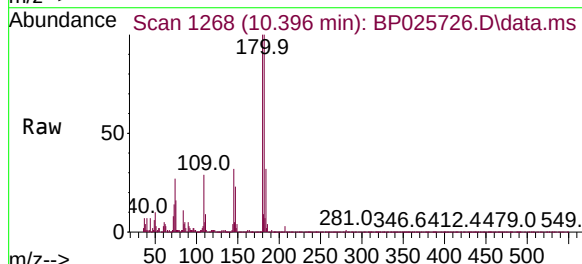
RT: 10.396 min Scan# 1268

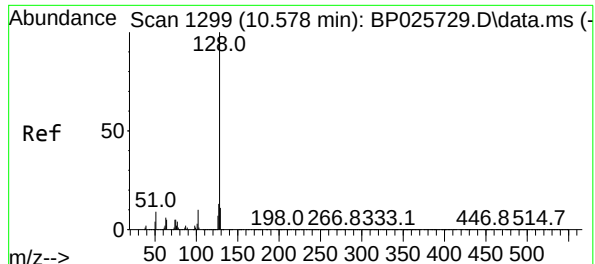
Delta R.T. 0.006 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Tgt Ion:	180	Resp:	42918
Ion Ratio	Lower	Upper	
180	100		
182	99.9	76.0	114.0
145	31.7	24.7	37.1





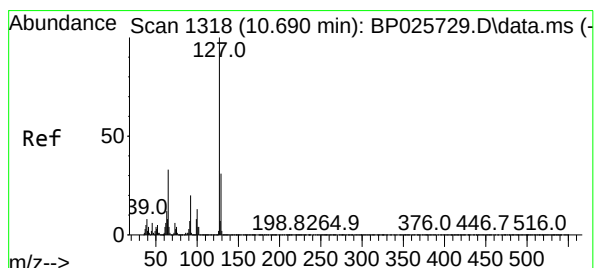
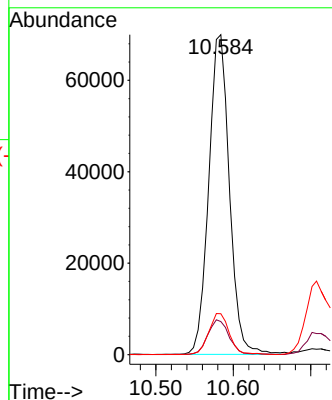
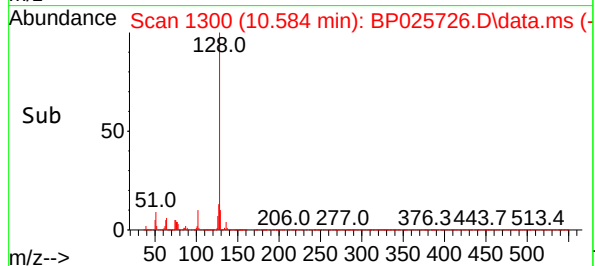
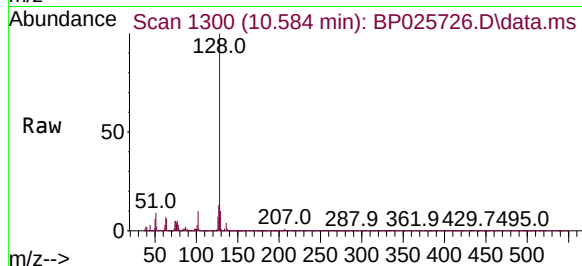
#31
Naphthalene
Concen: 4.972 ng
RT: 10.584 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 129655
Ion Ratio Lower Upper
128 100
129 10.3 8.6 12.8
127 12.8 10.2 15.4

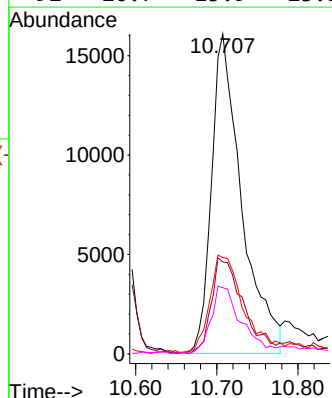
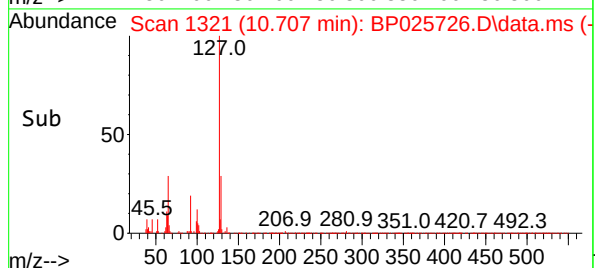
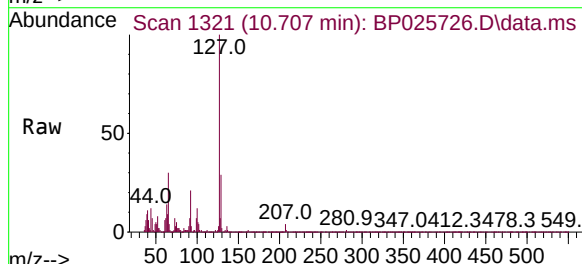
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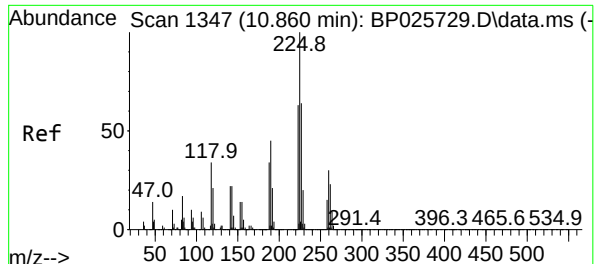
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#33
4-Chloroaniline
Concen: 3.820 ng
RT: 10.707 min Scan# 1321
Delta R.T. 0.018 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

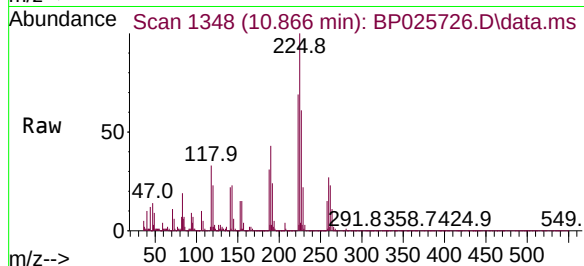
Tgt Ion:127 Resp: 41517
Ion Ratio Lower Upper
127 100
129 28.7 25.1 37.7
65 30.1 26.4 39.6
92 20.7 15.9 23.9





#34
Hexachlorobutadiene
Concen: 4.932 ng
RT: 10.866 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

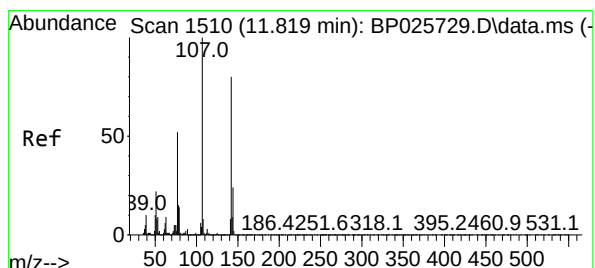
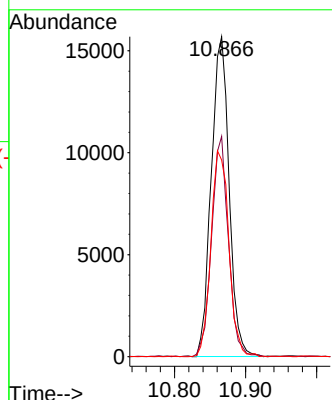
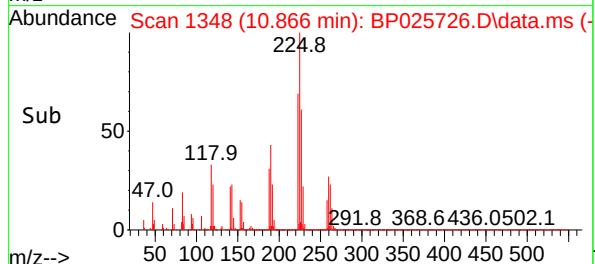
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 225 Resp: 2733
Ion Ratio Lower Upper
225 100
223 68.8 50.1 75.1
227 61.4 51.2 76.8

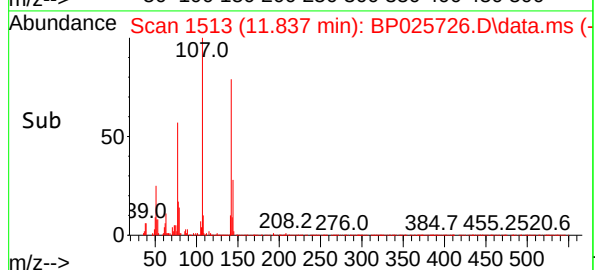
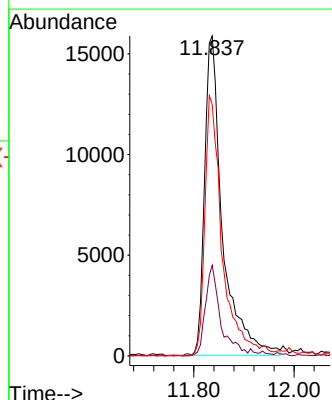
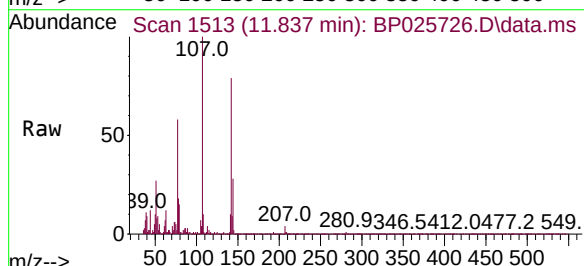
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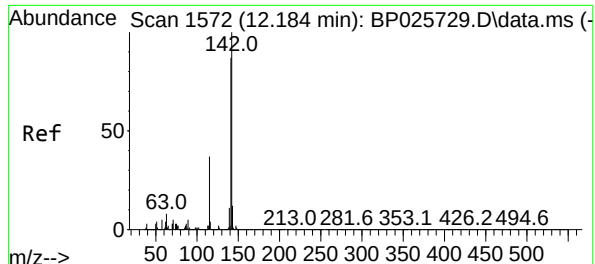
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#36
4-Chloro-3-methylphenol
Concen: 4.350 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.018 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 107 Resp: 39611
Ion Ratio Lower Upper
107 100
144 28.3 19.4 29.2
142 78.6 63.8 95.6





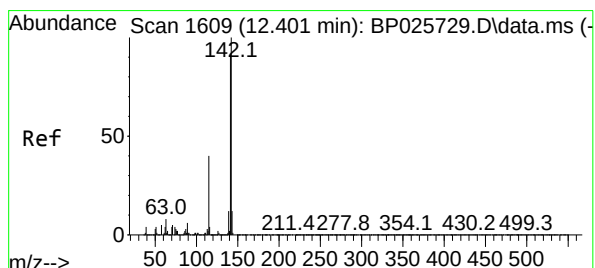
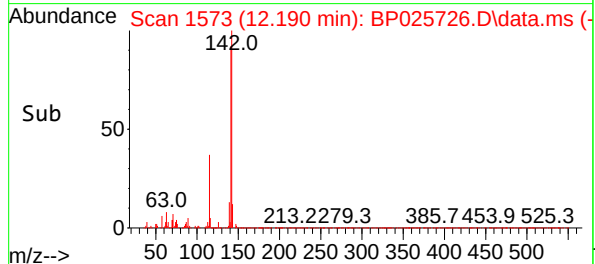
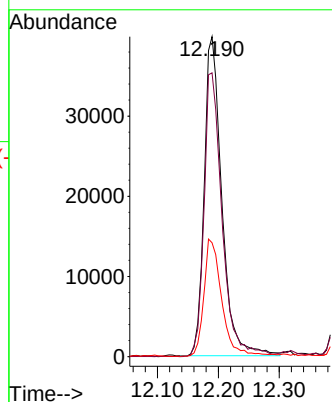
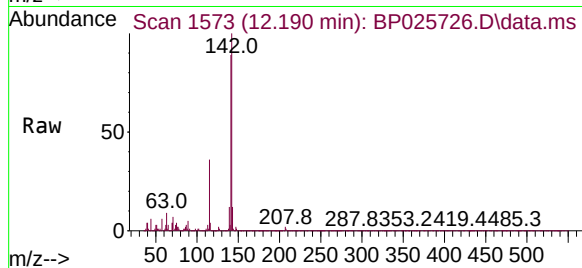
#37
2-Methylnaphthalene
Concen: 4.782 ng
RT: 12.190 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 80091
Ion Ratio Lower Upper
142 100
141 88.7 69.6 104.4
115 35.6 30.0 45.0

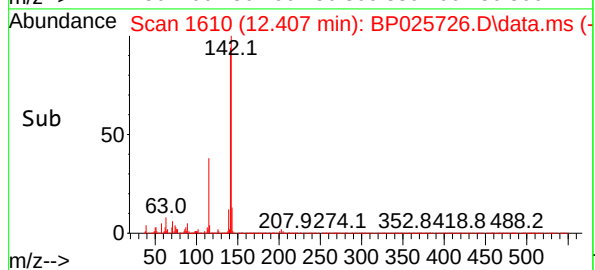
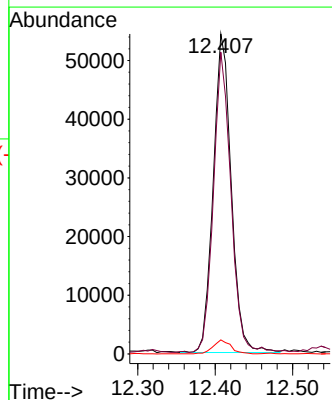
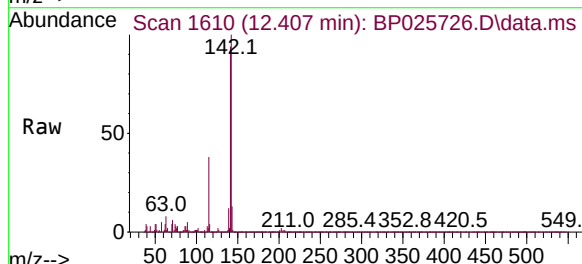
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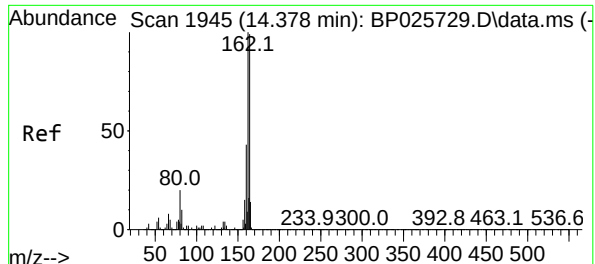
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#38
1-Methylnaphthalene
Concen: 4.916 ng
RT: 12.407 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:142 Resp: 87800
Ion Ratio Lower Upper
142 100
141 94.3 72.7 109.1
116 4.4 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.372 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:164 Resp: 340469

Ion Ratio Lower Upper

164 100

162 101.6 80.6 120.8

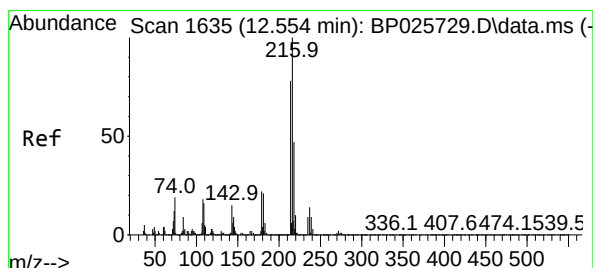
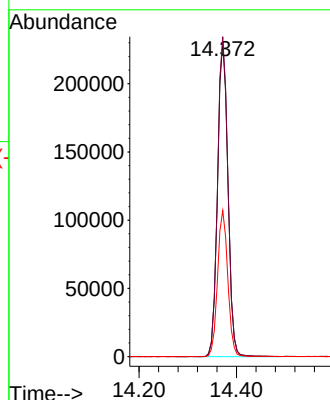
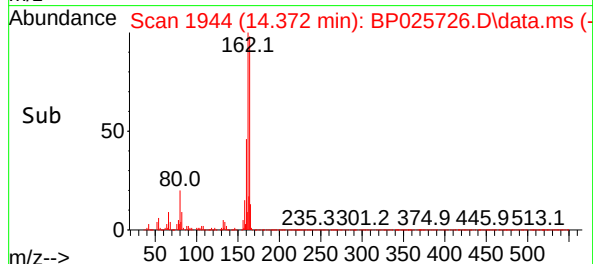
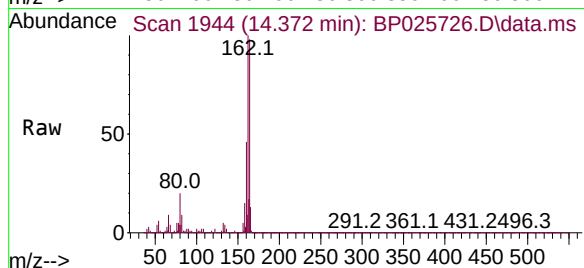
160 46.3 35.0 52.6

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.864 ng

RT: 12.566 min Scan# 1637

Delta R.T. 0.012 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Tgt Ion:216 Resp: 50181

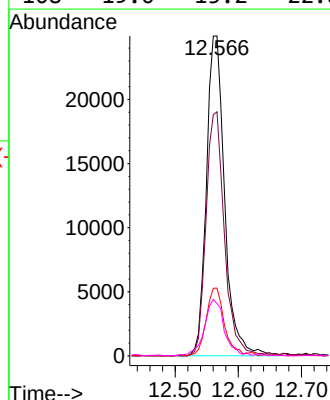
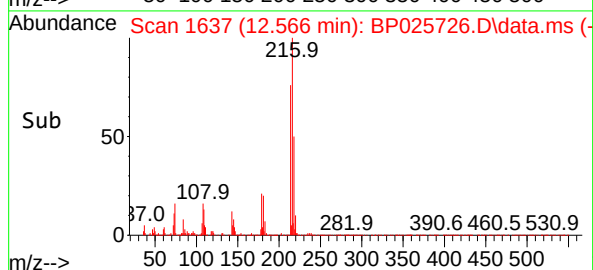
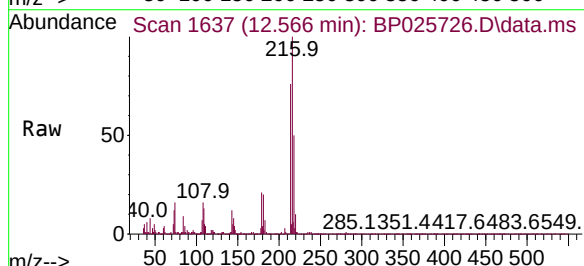
Ion Ratio Lower Upper

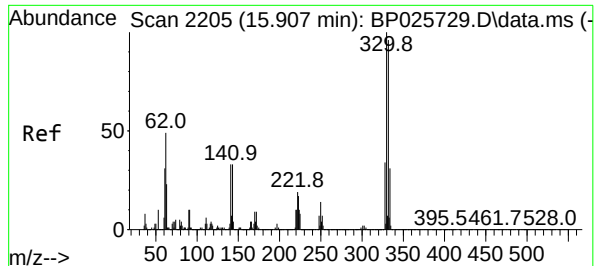
216 100

214 76.7 62.4 93.6

179 20.8 17.0 25.6

108 19.0 15.2 22.8





#42

2,4,6-Tribromophenol

Concen: 9.092 ng

RT: 15.907 min Scan# 2205

Delta R.T. 0.000 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

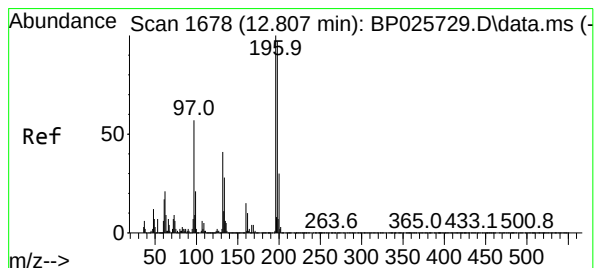
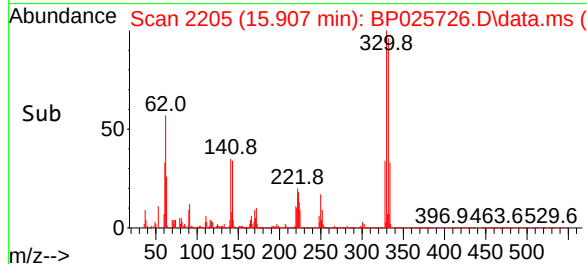
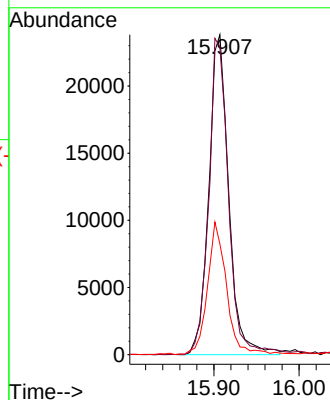
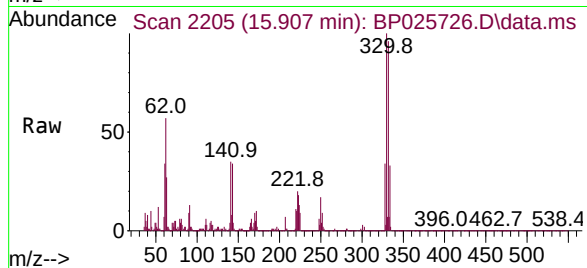
Tgt Ion:	330	Resp:	38610
Ion Ratio	Lower	Upper	
330	100		
332	97.7	76.9	115.3
141	39.7	31.0	46.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#43

2,4,6-Trichlorophenol

Concen: 4.262 ng

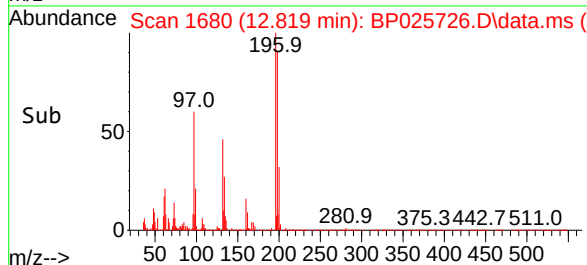
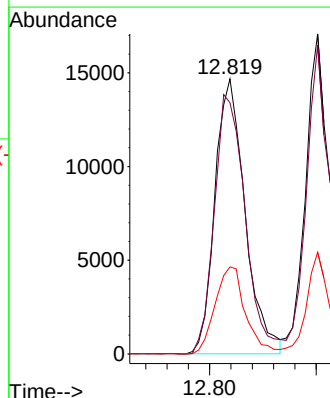
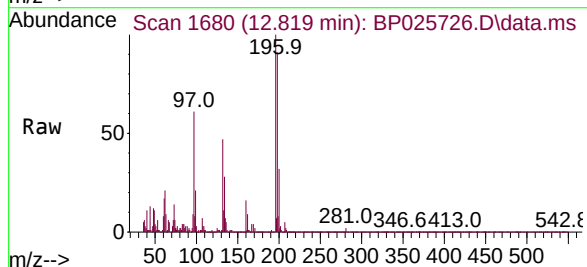
RT: 12.819 min Scan# 1680

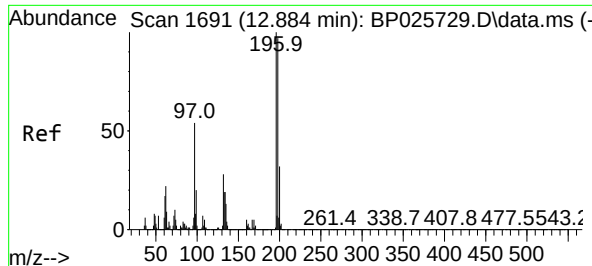
Delta R.T. 0.012 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Tgt Ion:	196	Resp:	28904
Ion Ratio	Lower	Upper	
196	100		
198	91.3	77.2	115.8
200	31.6	24.2	36.2





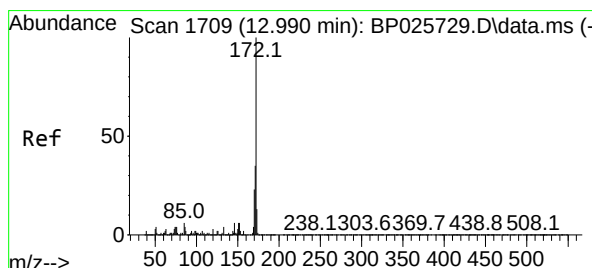
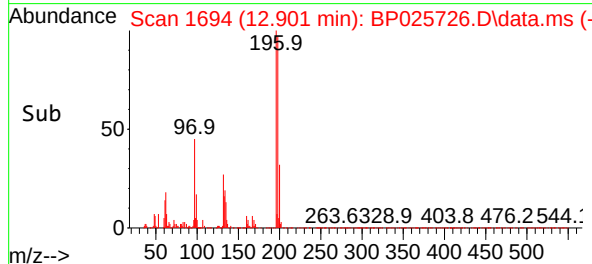
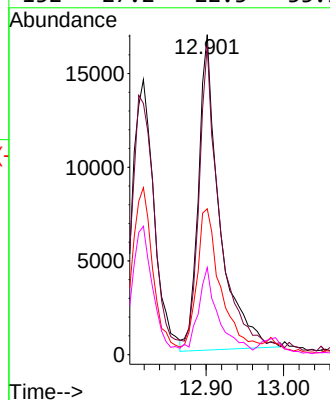
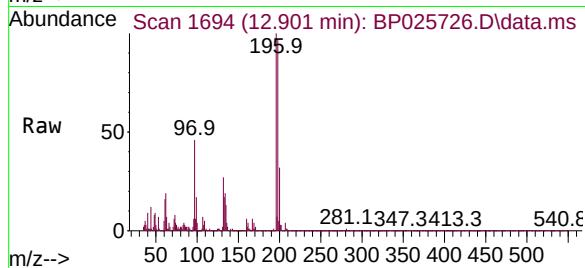
#44
2,4,5-Trichlorophenol
Concen: 4.232 ng
RT: 12.901 min Scan# 1691
Delta R.T. 0.018 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 31943
Ion Ratio Lower Upper
196 100
198 96.5 77.8 116.8
97 45.6 43.3 64.9
132 27.2 22.3 33.5

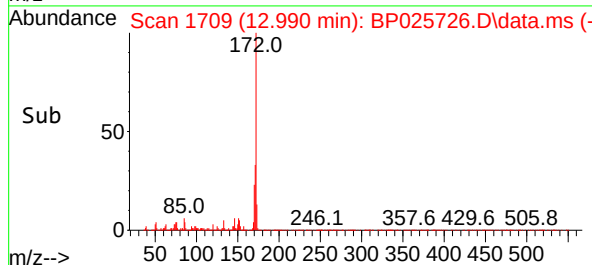
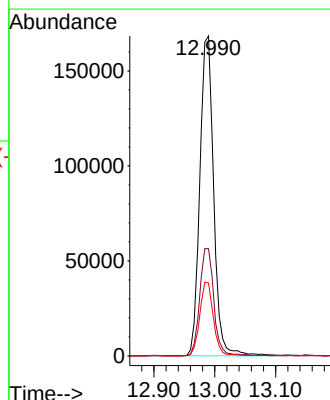
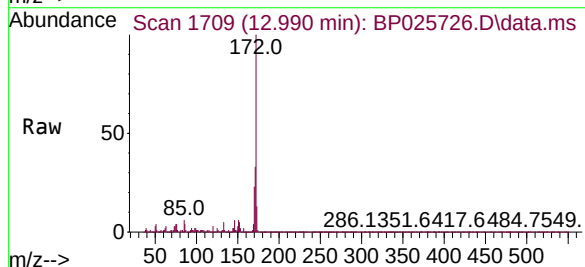
Manual Integrations
APPROVED

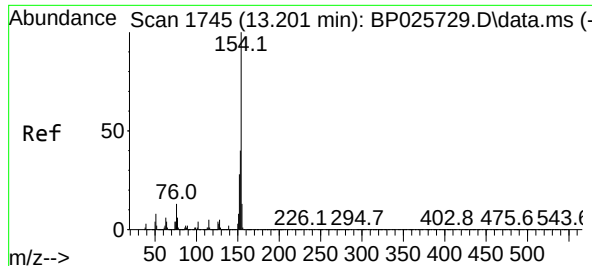
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#45
2-Fluorobiphenyl
Concen: 10.408 ng
RT: 12.990 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

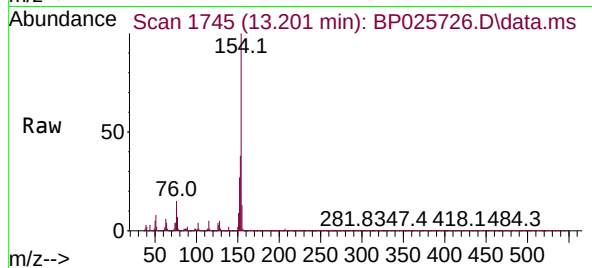
Tgt Ion:172 Resp: 266136
Ion Ratio Lower Upper
172 100
171 33.5 27.8 41.6
170 22.8 18.6 27.8





#46
1,1'-Biphenyl
Concen: 4.965 ng
RT: 13.201 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

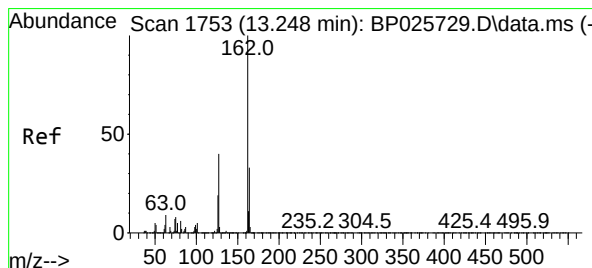
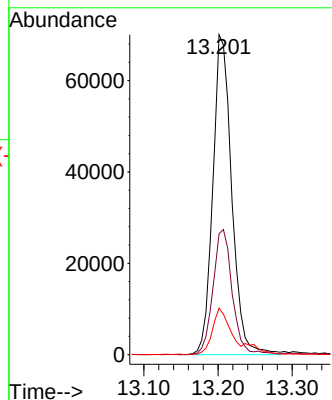
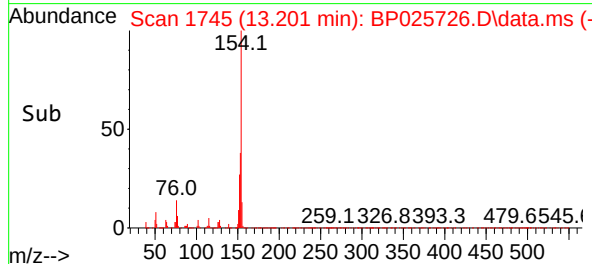
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:154 Resp: 124080
Ion Ratio Lower Upper
154 100
153 37.8 19.7 59.7
76 14.5 0.0 33.3

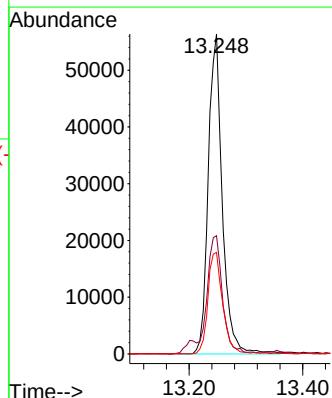
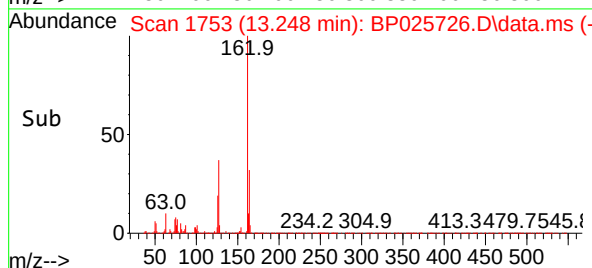
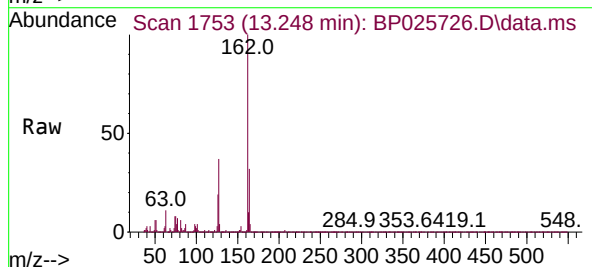
Manual Integrations
APPROVED

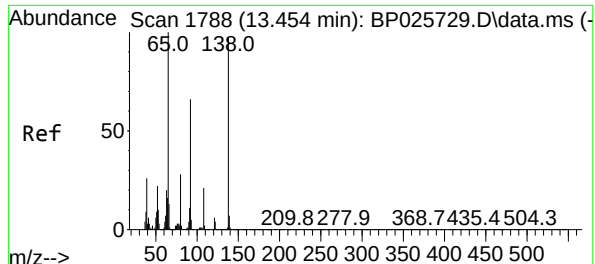
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#47
2-Chloronaphthalene
Concen: 4.932 ng
RT: 13.248 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

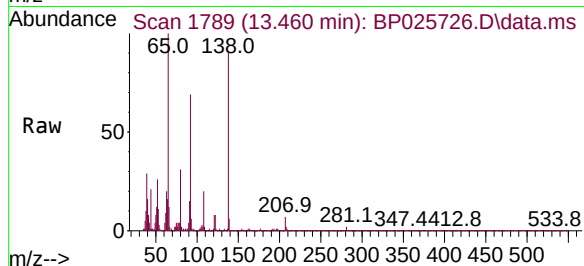
Tgt Ion:162 Resp: 97044
Ion Ratio Lower Upper
162 100
127 36.9 32.2 48.4
164 31.7 26.5 39.7





#48
2-Nitroaniline
Concen: 4.013 ng
RT: 13.460 min Scan# 1788
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

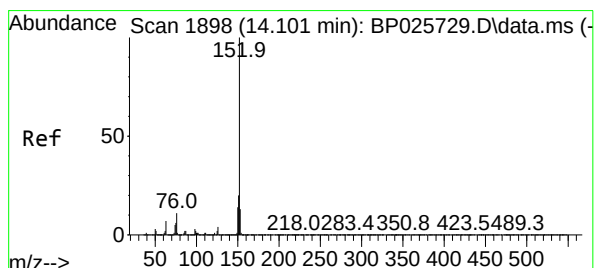
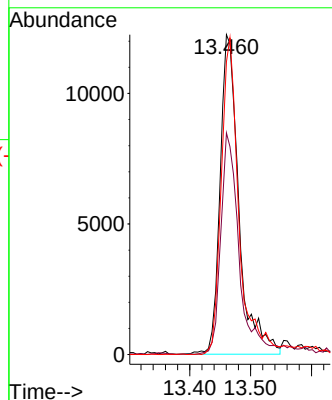
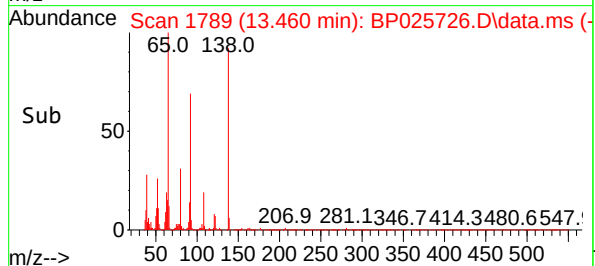
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 65 Resp: 26322
Ion Ratio Lower Upper
65 100
92 69.3 53.1 79.7
138 91.5 77.8 116.8

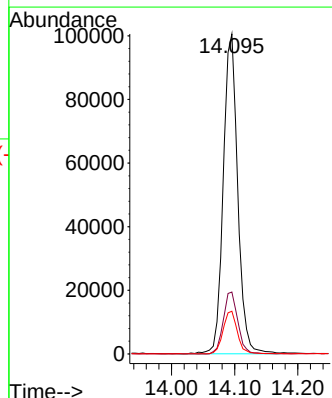
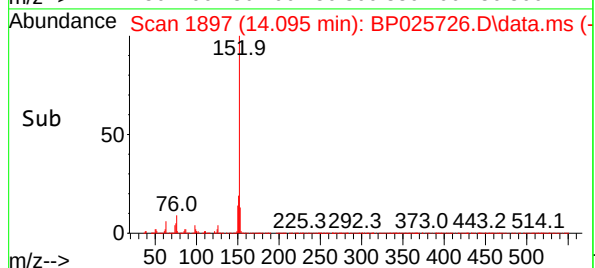
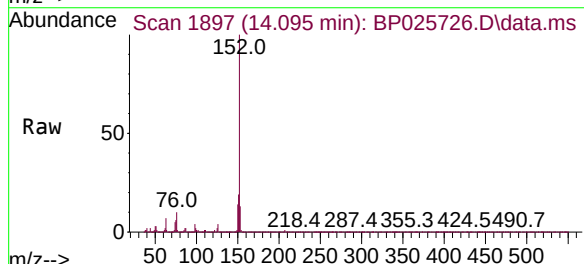
Manual Integrations
APPROVED

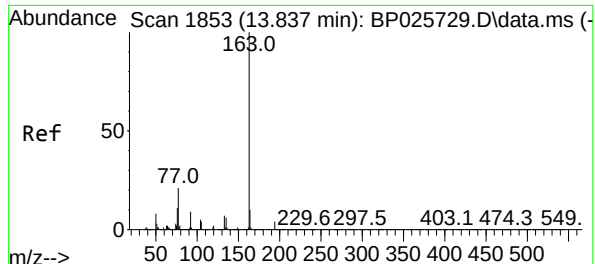
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#49
Acenaphthylene
Concen: 4.900 ng
RT: 14.095 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:152 Resp: 159767
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.6
153 13.3 10.5 15.7





#50

Dimethylphthalate

Concen: 5.059 ng

RT: 13.831 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA_P

ClientSampleId :

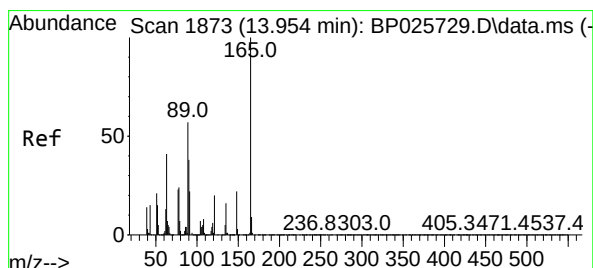
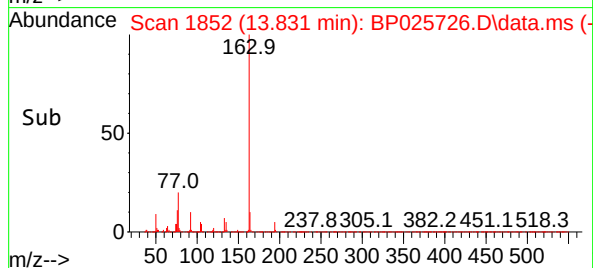
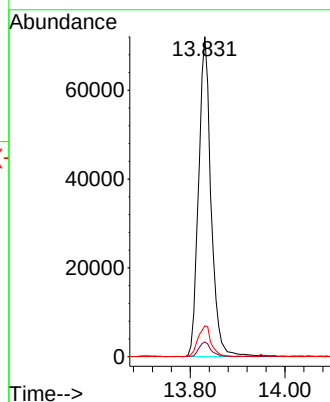
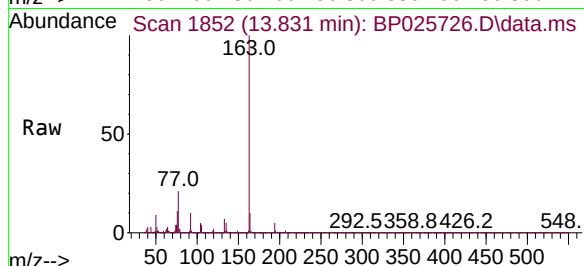
SSTDICC005

Tgt Ion:	163	Resp:	131492
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.4	5.2
164	9.6	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#51

2,6-Dinitrotoluene

Concen: 4.417 ng

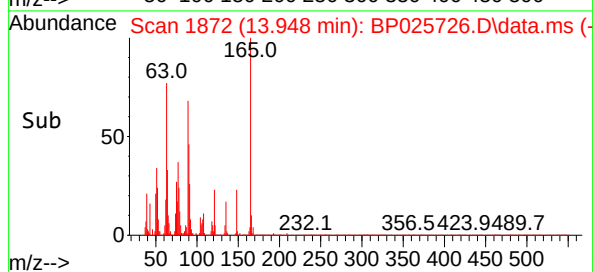
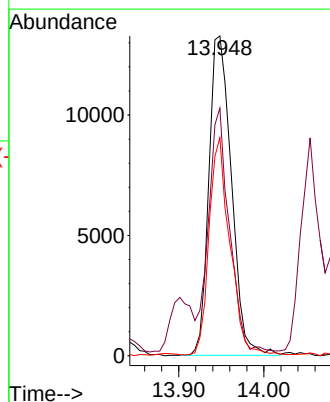
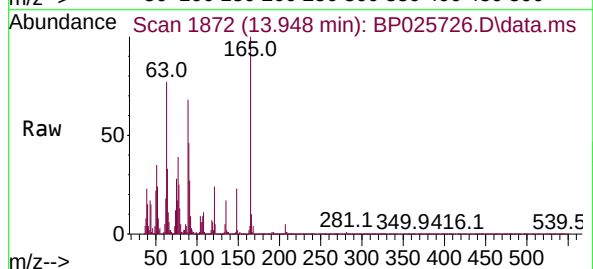
RT: 13.948 min Scan# 1872

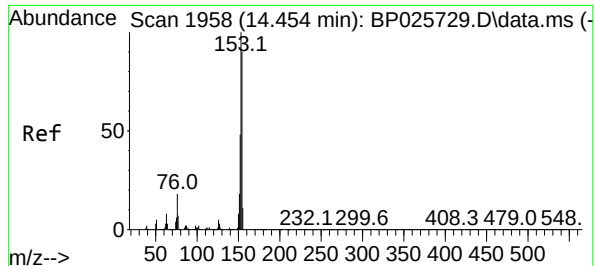
Delta R.T. -0.006 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

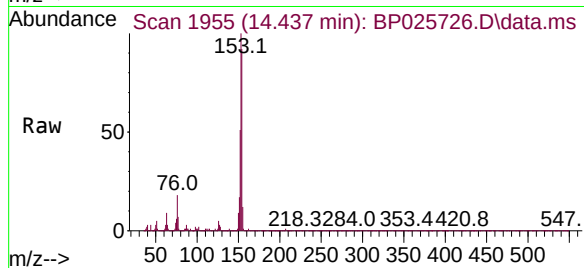
Tgt Ion:	165	Resp:	24324
Ion Ratio	Lower	Upper	
165	100		
63	77.4	48.1	72.1#
89	68.2	45.4	68.0#





#52
Acenaphthene
Concen: 5.109 ng
RT: 14.437 min Scan# 1958
Delta R.T. -0.018 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

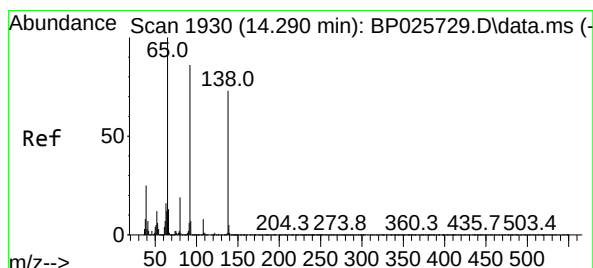
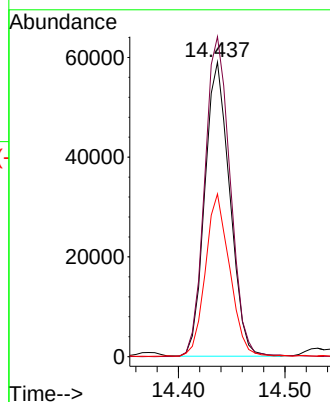
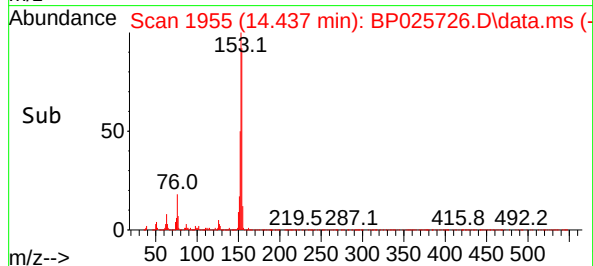
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:154 Resp: 96060
Ion Ratio Lower Upper
154 100
153 108.7 89.4 134.0
152 55.2 42.5 63.7

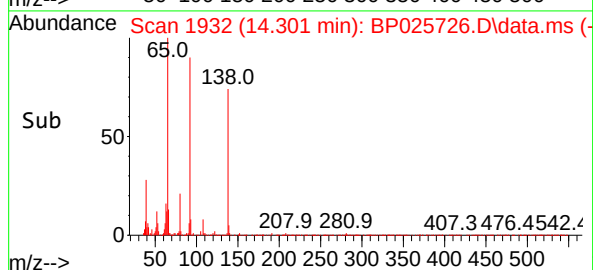
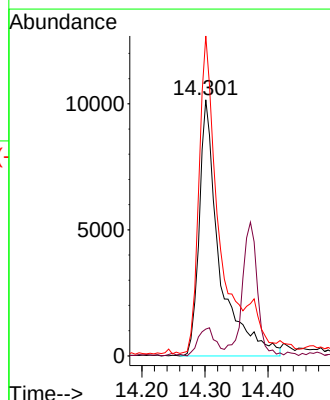
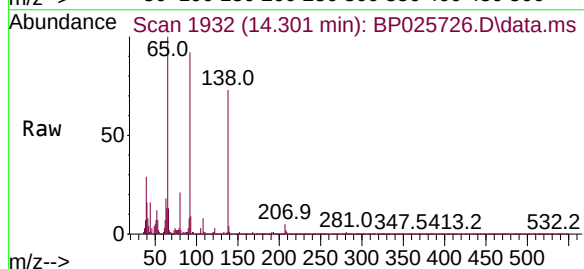
Manual Integrations
APPROVED

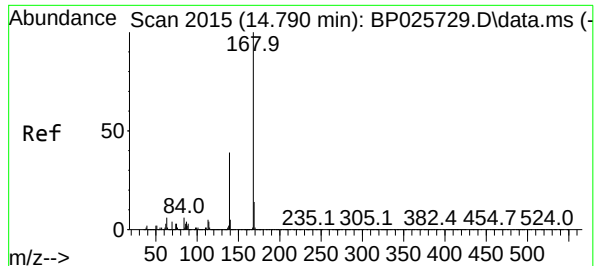
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#53
3-Nitroaniline
Concen: 3.913 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

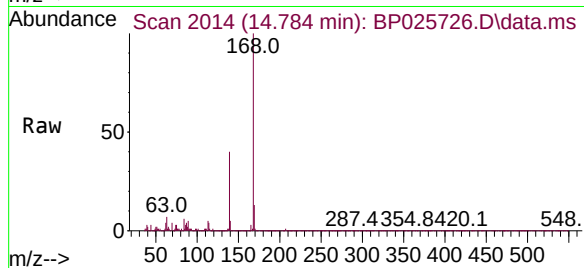
Tgt Ion:138 Resp: 22660
Ion Ratio Lower Upper
138 100
108 10.5 8.7 13.1
92 124.9 94.6 142.0





#55
Dibenzenofuran
Concen: 5.094 ng
RT: 14.784 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

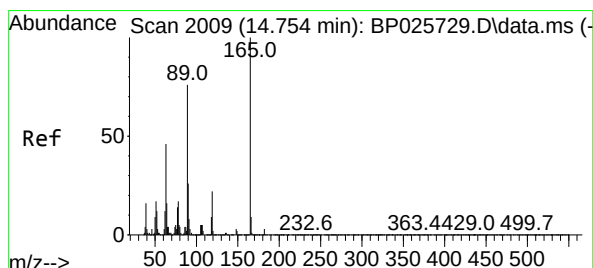
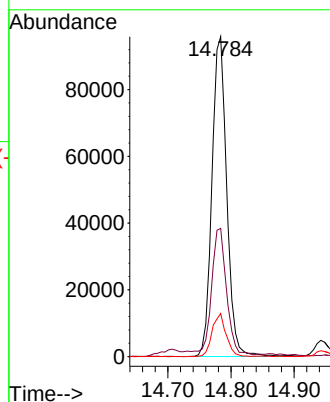
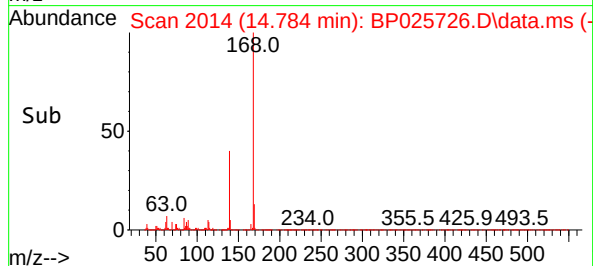
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



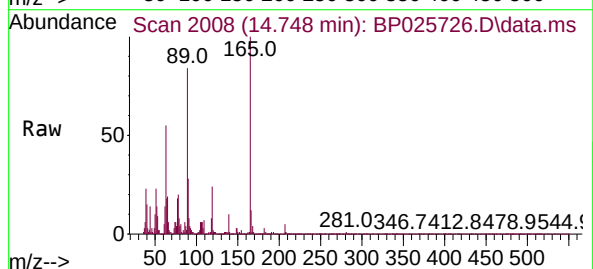
Tgt Ion:168 Resp: 15609
Ion Ratio Lower Upper
168 100
139 40.1 31.7 47.5
169 13.5 10.8 16.2

Manual Integrations
APPROVED

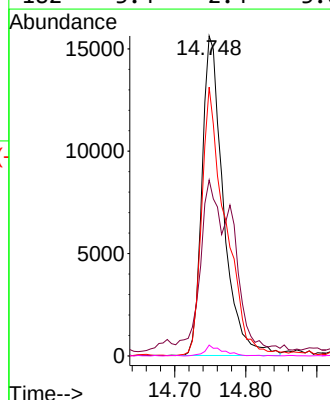
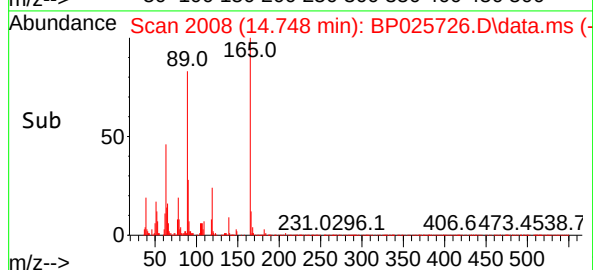
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

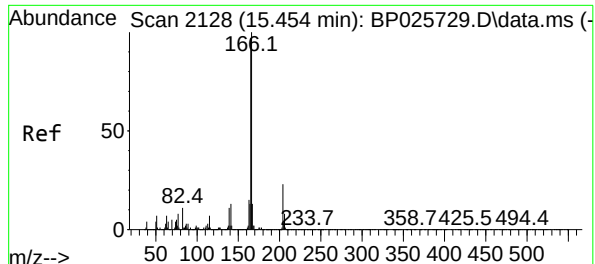


#57
2,4-Dinitrotoluene
Concen: 4.144 ng
RT: 14.748 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37



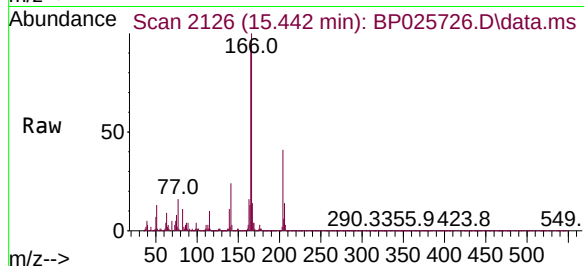
Tgt Ion:165 Resp: 32480
Ion Ratio Lower Upper
165 100
63 55.0 37.7 56.5
89 84.0 61.0 91.6
182 3.4 2.4 3.6





#58
Fluorene
Concen: 5.189 ng
RT: 15.442 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

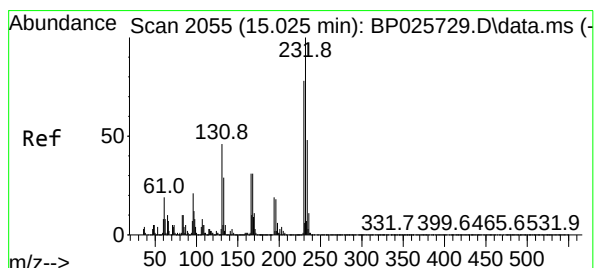
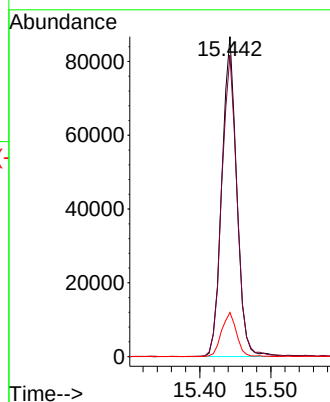
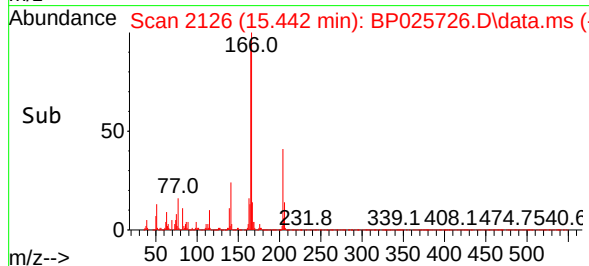
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:166 Resp: 126434
Ion Ratio Lower Upper
166 100
165 94.2 77.7 116.5
167 13.8 10.6 16.0

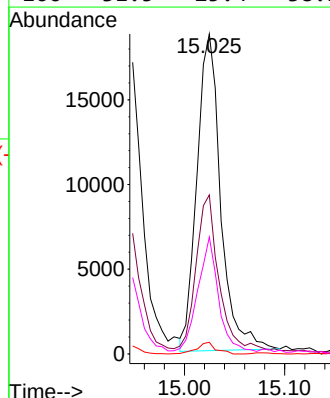
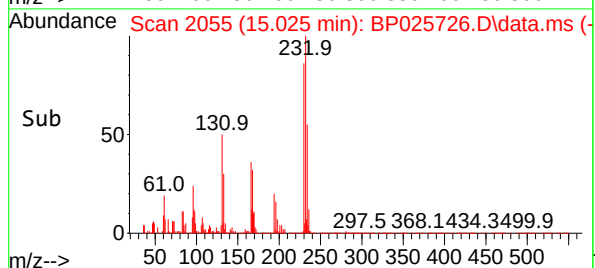
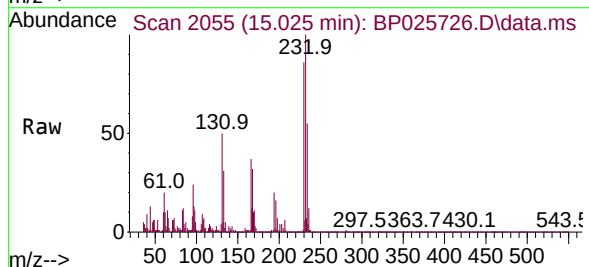
Manual Integrations
APPROVED

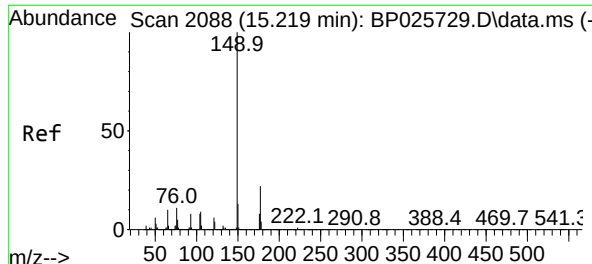
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.525 ng
RT: 15.025 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

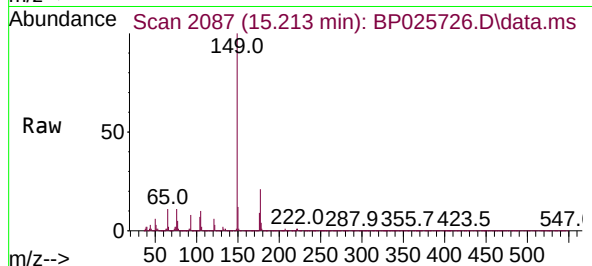
Tgt Ion:232 Resp: 30771
Ion Ratio Lower Upper
232 100
131 49.7 36.7 55.1
130 2.9 2.0 3.0
166 31.5 25.4 38.2





#60
Diethylphthalate
Concen: 5.077 ng
RT: 15.213 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

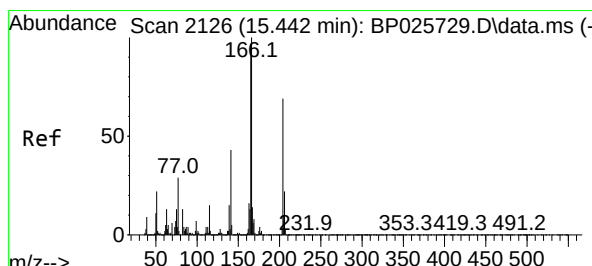
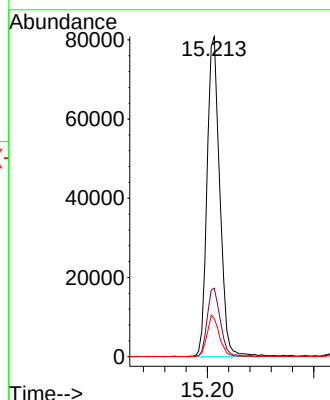
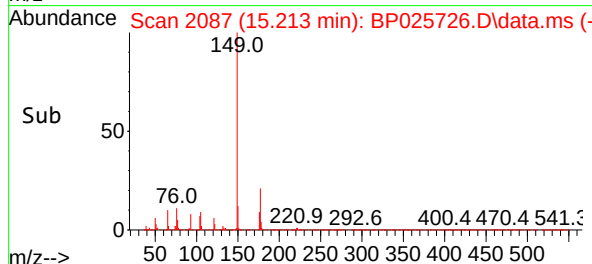
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 133865
Ion Ratio Lower Upper
149 100
177 21.4 17.7 26.5
150 11.9 10.0 15.0

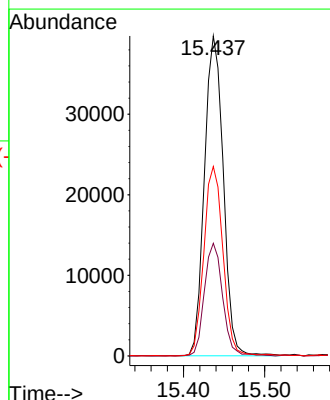
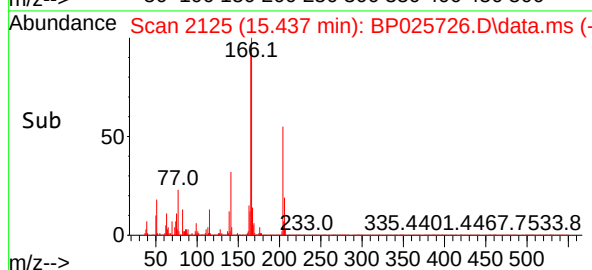
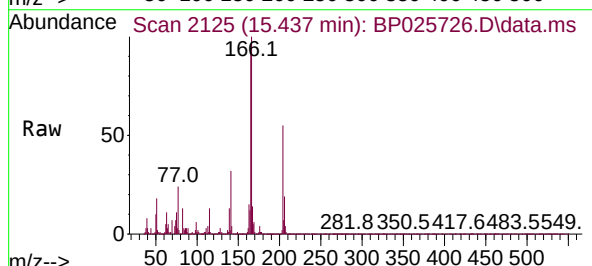
Manual Integrations
APPROVED

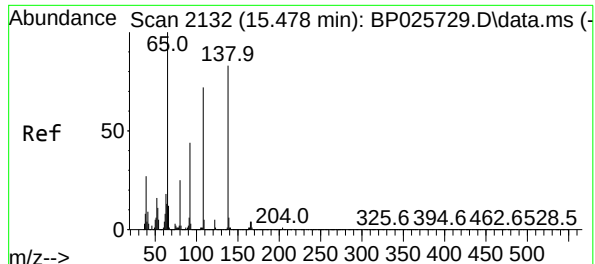
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#61
4-Chlorophenyl-phenylether
Concen: 5.236 ng
RT: 15.437 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

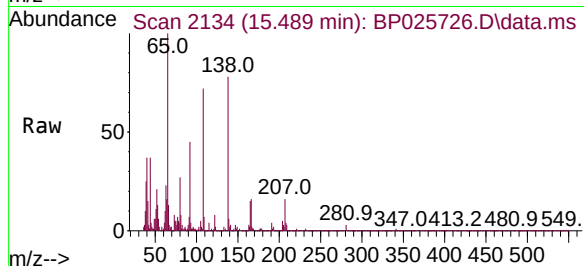
Tgt Ion:204 Resp: 64305
Ion Ratio Lower Upper
204 100
206 35.2 26.0 39.0
141 59.2 49.7 74.5





#62
4-Nitroaniline
Concen: 3.710 ng m
RT: 15.489 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

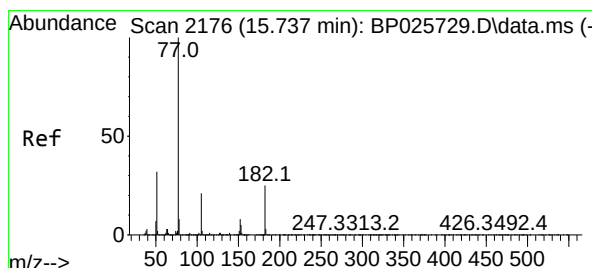
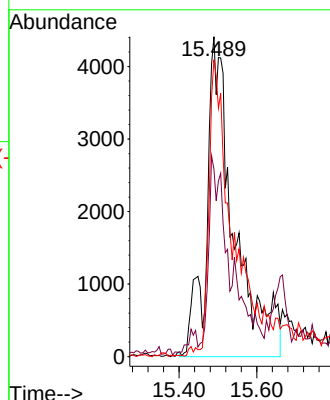
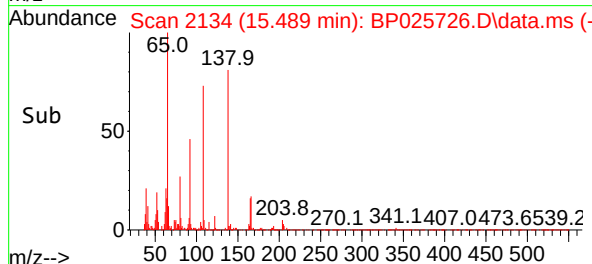
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 138 Resp: 21996
Ion Ratio Lower Upper
138 100
92 58.6 33.3 73.3
108 92.8 66.7 106.7

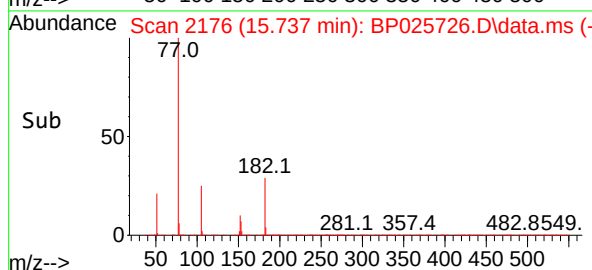
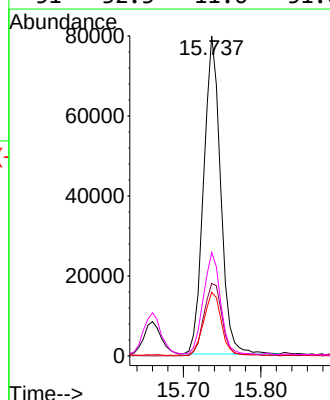
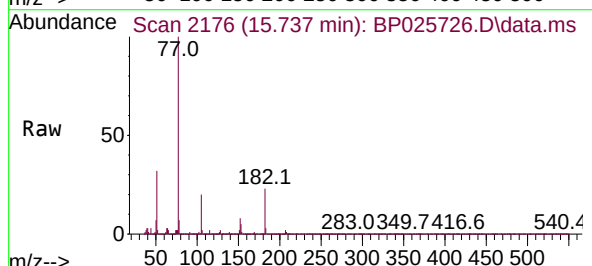
Manual Integrations
APPROVED

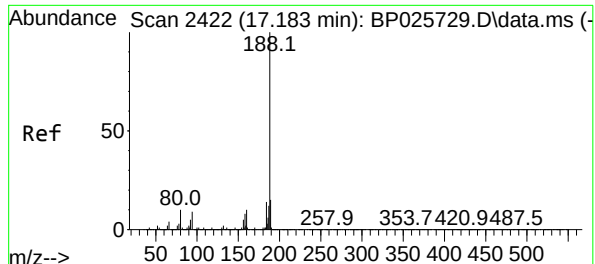
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#63
Azobenzene
Concen: 4.745 ng
RT: 15.737 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 77 Resp: 120979
Ion Ratio Lower Upper
77 100
182 22.6 5.2 45.2
105 19.9 1.1 41.1
51 32.3 11.6 51.6





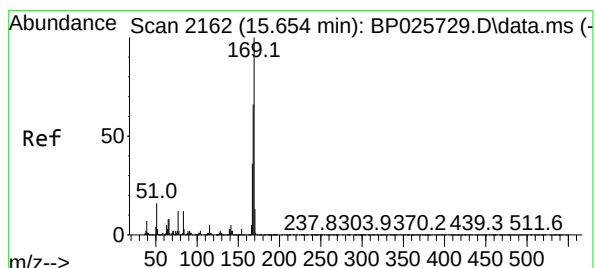
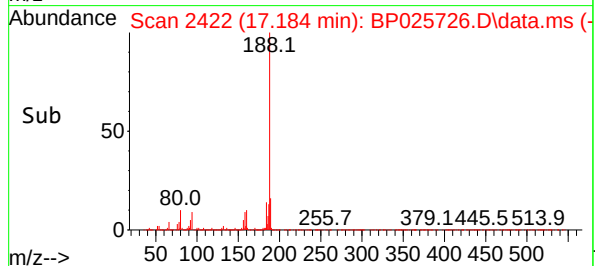
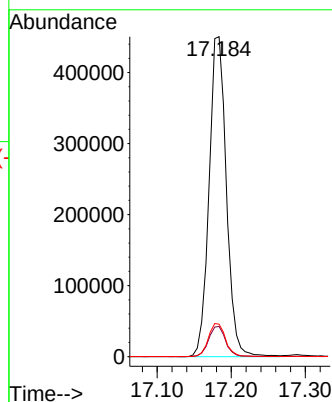
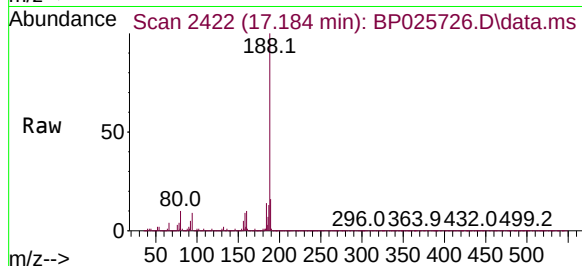
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.184 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 730553
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.1 7.7 11.5

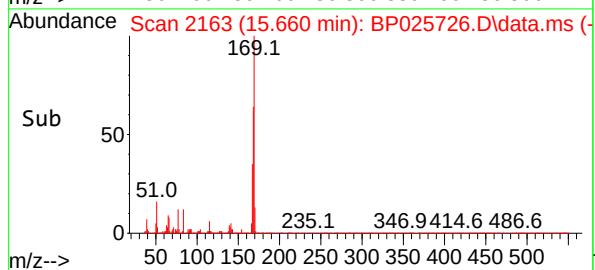
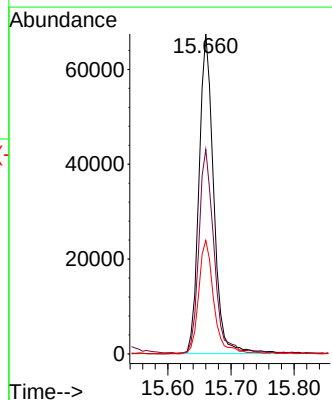
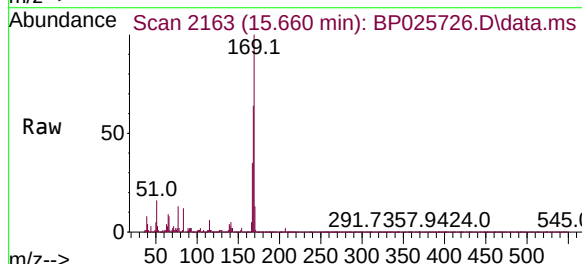
Manual Integrations
APPROVED

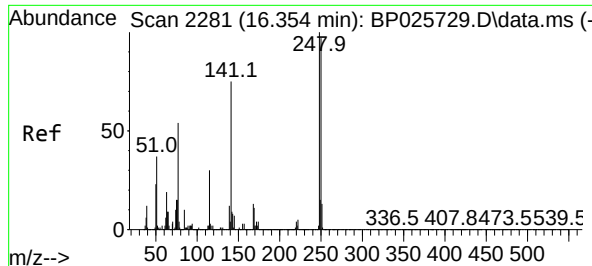
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#66
n-Nitrosodiphenylamine
Concen: 4.875 ng
RT: 15.660 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

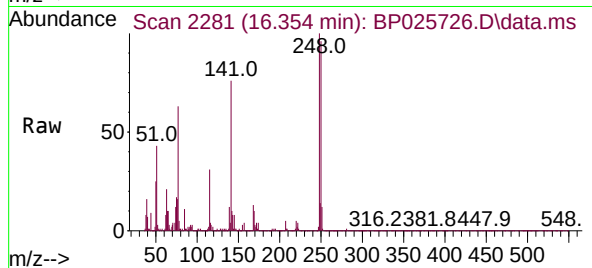
Tgt Ion:169 Resp: 108999
Ion Ratio Lower Upper
169 100
168 63.9 52.6 78.8
167 35.5 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 4.851 ng
RT: 16.354 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

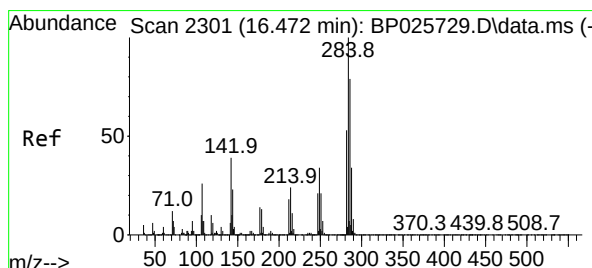
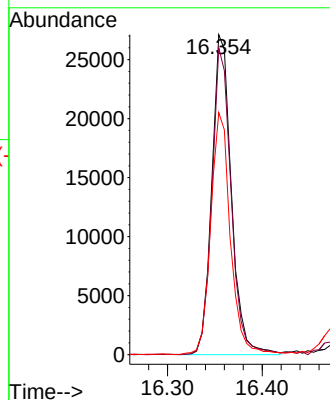
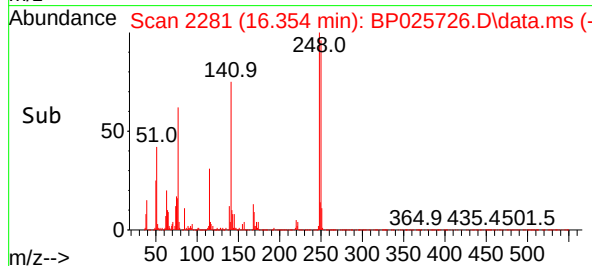
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:248 Resp: 38933
Ion Ratio Lower Upper
248 100
250 95.9 77.5 116.3
141 75.6 60.2 90.4

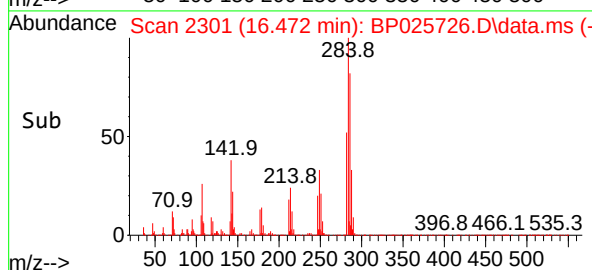
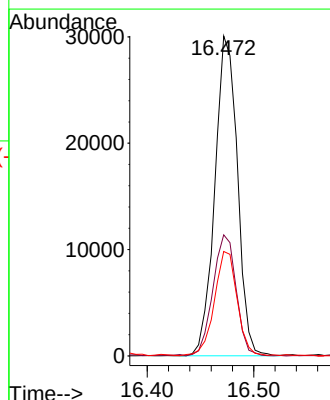
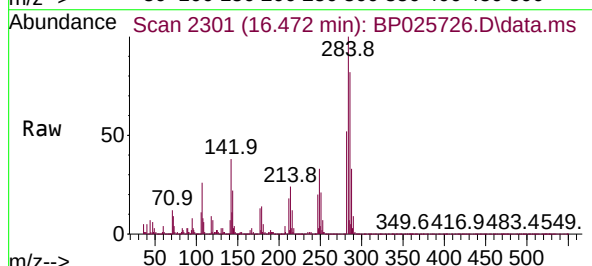
Manual Integrations
APPROVED

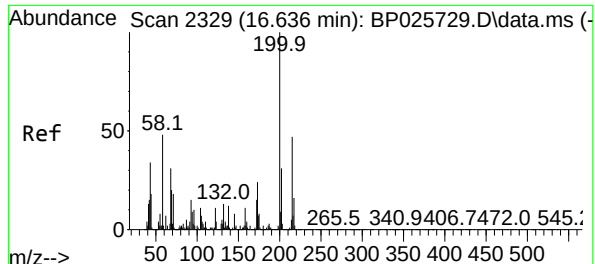
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#68
Hexachlorobenzene
Concen: 4.960 ng
RT: 16.472 min Scan# 2301
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:284 Resp: 44390
Ion Ratio Lower Upper
284 100
142 37.8 31.3 46.9
249 32.6 27.3 40.9





#69

Atrazine

Concen: 4.593 ng

RT: 16.642 min Scan# 2329

Delta R.T. 0.006 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA_P

ClientSampleId :

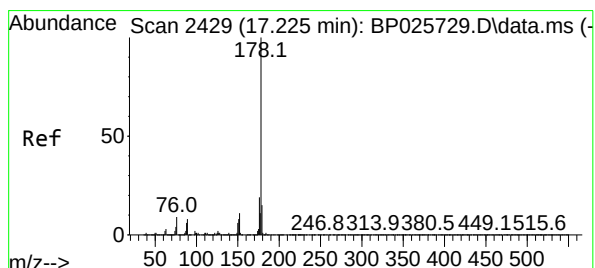
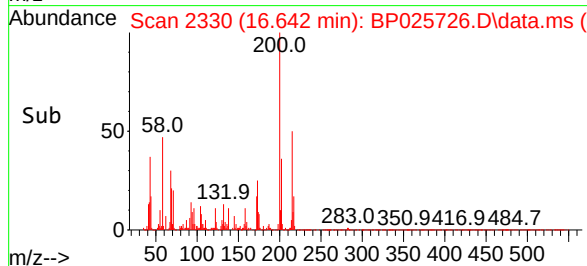
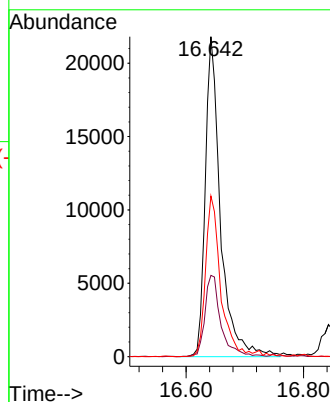
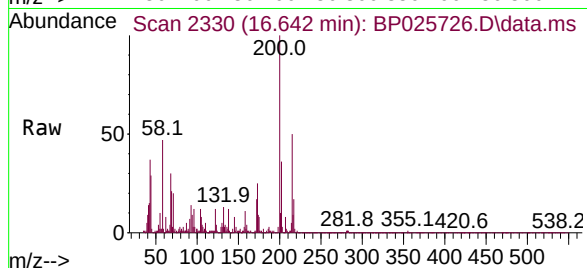
SSTDICC005

Tgt Ion:	200	Resp:	3925
Ion Ratio	Lower	Upper	
200	100		
173	25.4	4.2	44.2
215	50.2	27.3	67.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#71

Phenanthrene

Concen: 5.127 ng

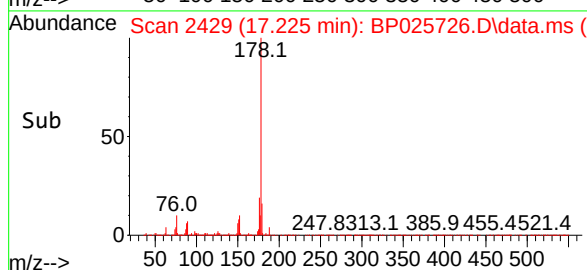
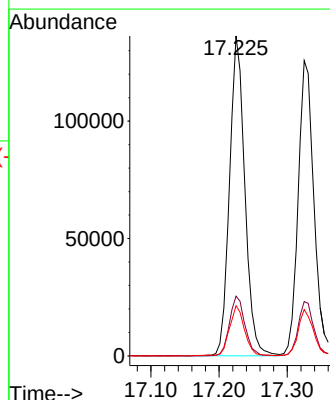
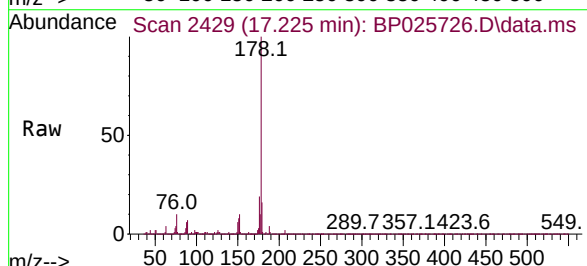
RT: 17.225 min Scan# 2429

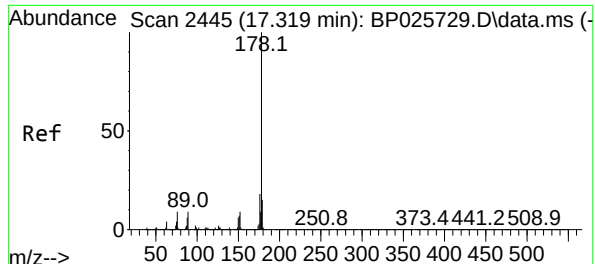
Delta R.T. 0.000 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Tgt Ion:	178	Resp:	212489
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.4	23.2
179	15.7	12.2	18.4





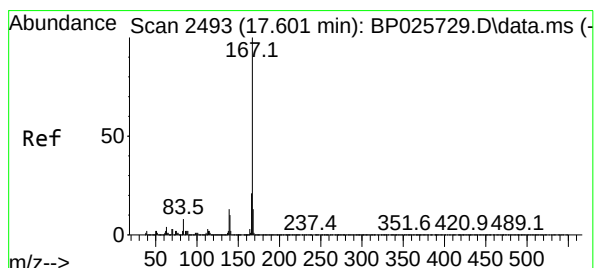
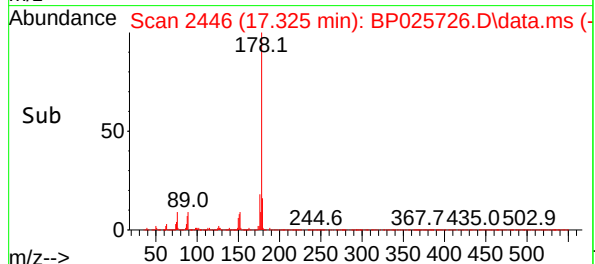
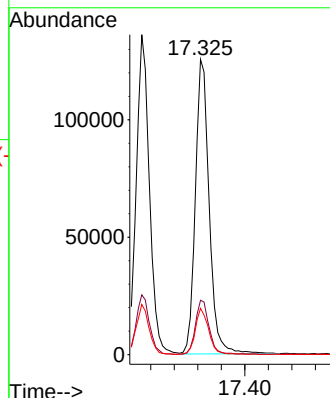
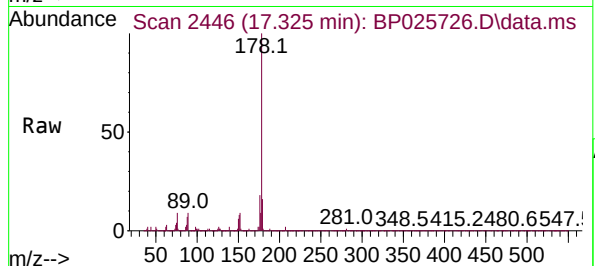
#72
 Anthracene
 Concen: 4.866 ng
 RT: 17.325 min Scan# 2445
 Delta R.T. 0.006 min
 Lab File: BP025726.D
 Acq: 11 Sep 2025 09:37

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Tgt Ion:178 Resp: 204585
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.8 22.2
 179 15.7 12.2 18.4

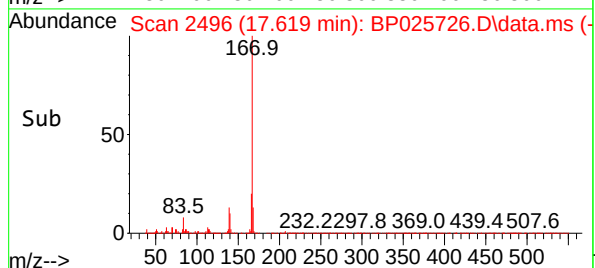
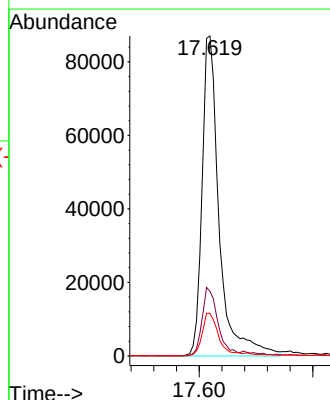
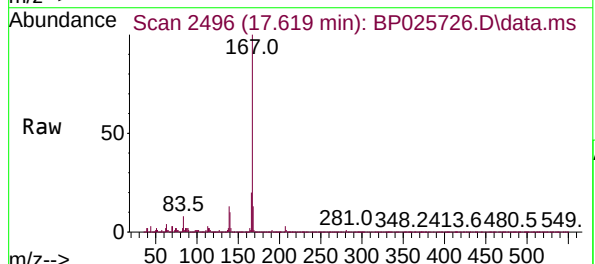
Manual Integrations
 APPROVED

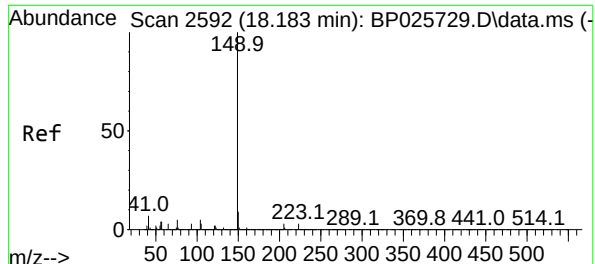
Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025



#73
 Carbazole
 Concen: 4.644 ng
 RT: 17.619 min Scan# 2496
 Delta R.T. 0.018 min
 Lab File: BP025726.D
 Acq: 11 Sep 2025 09:37

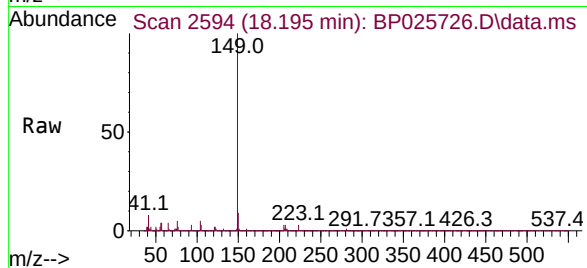
Tgt Ion:167 Resp: 181532
 Ion Ratio Lower Upper
 167 100
 166 20.2 17.0 25.4
 139 13.3 10.6 16.0





#74
Di-n-butylphthalate
Concen: 4.692 ng
RT: 18.195 min Scan# 2594
Delta R.T. 0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

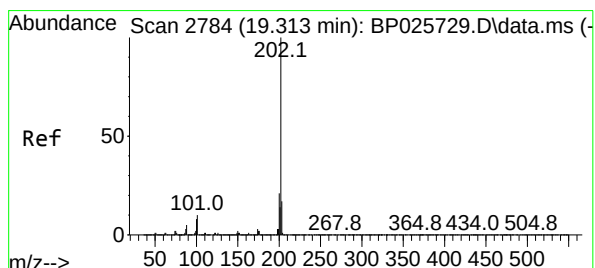
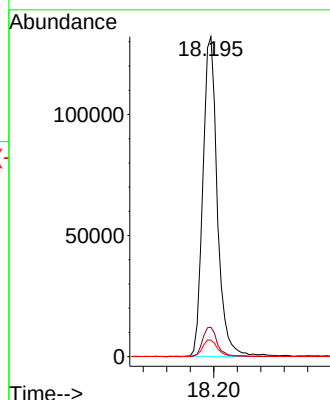
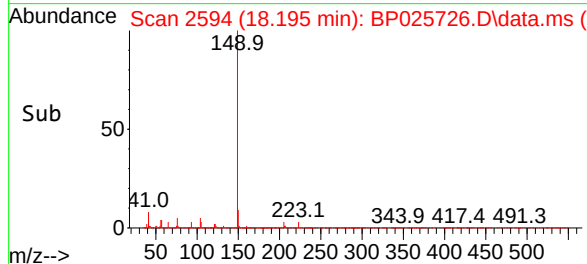
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



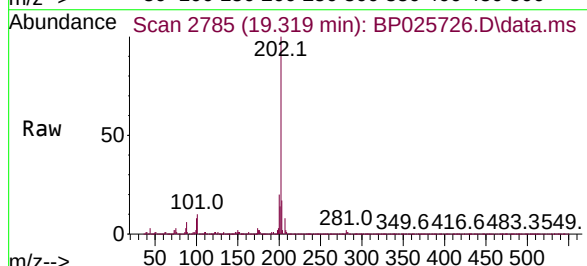
Tgt Ion:149 Resp: 225100
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.1 4.3 6.5

Manual Integrations
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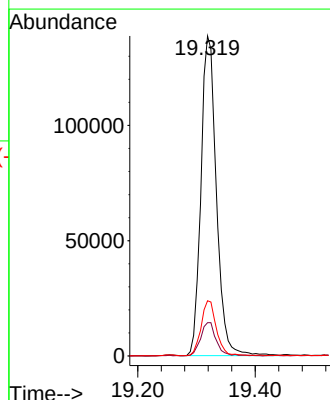
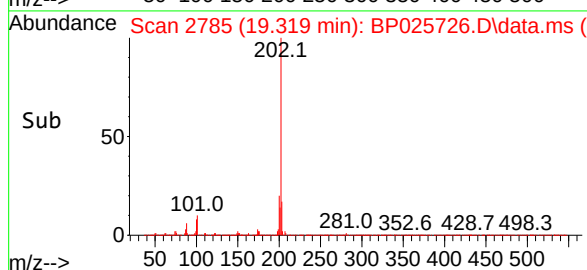
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

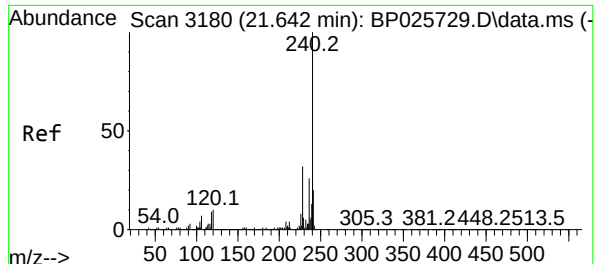


#75
Fluoranthene
Concen: 5.096 ng
RT: 19.319 min Scan# 2785
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37



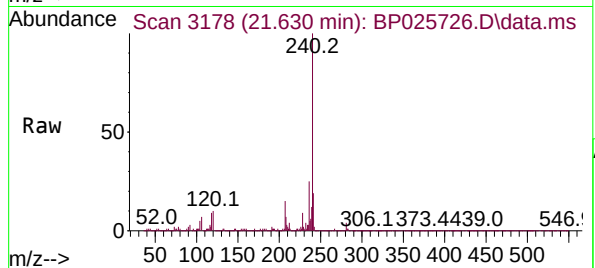
Tgt Ion:202 Resp: 253297
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.4
203 17.2 0.0 37.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3180
Delta R.T. -0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

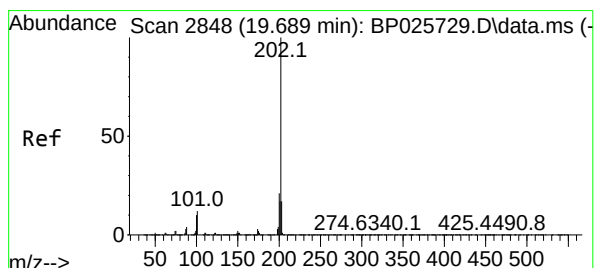
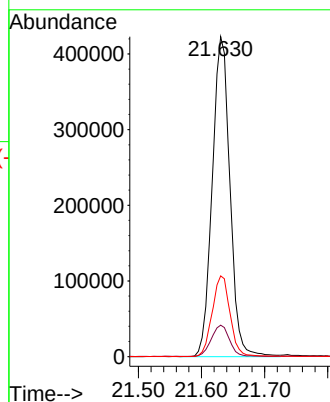
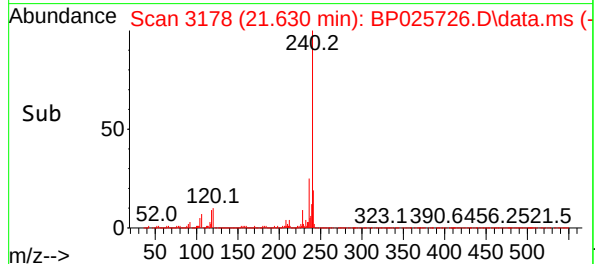
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:240 Resp: 824671
Ion Ratio Lower Upper
240 100
120 9.8 8.0 12.0
236 25.2 20.7 31.1

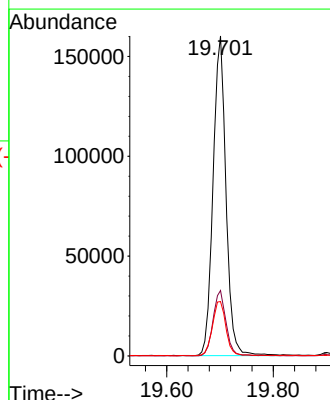
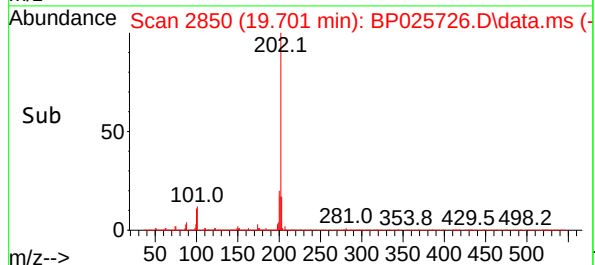
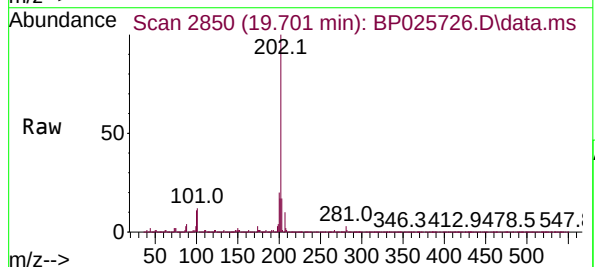
Manual Integrations
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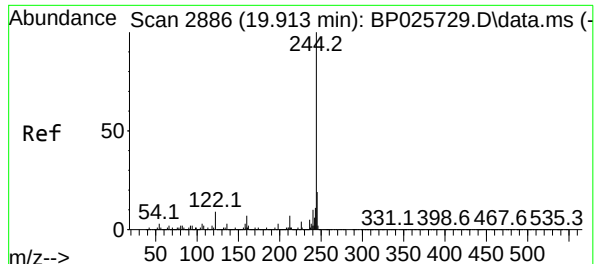
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#78
Pyrene
Concen: 4.895 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

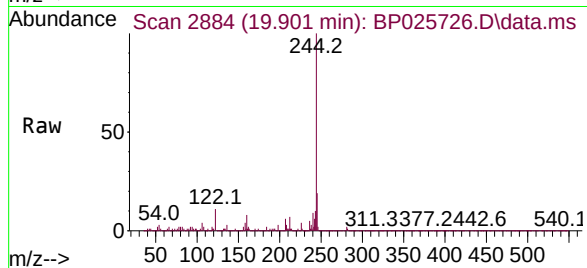
Tgt Ion:202 Resp: 269369
Ion Ratio Lower Upper
202 100
200 20.4 17.0 25.6
203 17.0 13.9 20.9





#79
Terphenyl-d14
Concen: 10.187 ng
RT: 19.901 min Scan# 2886
Delta R.T. -0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

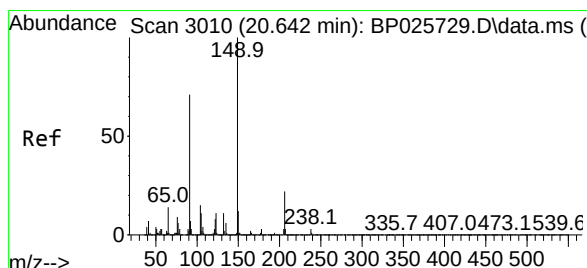
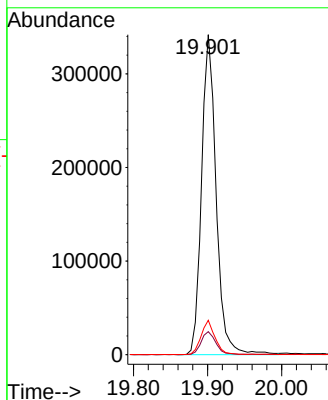
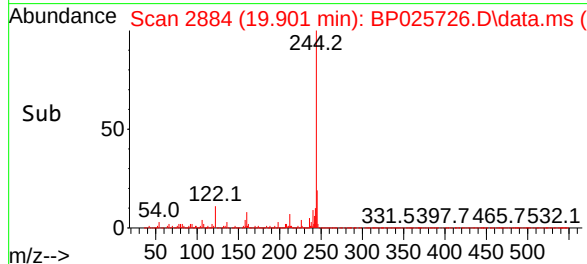
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



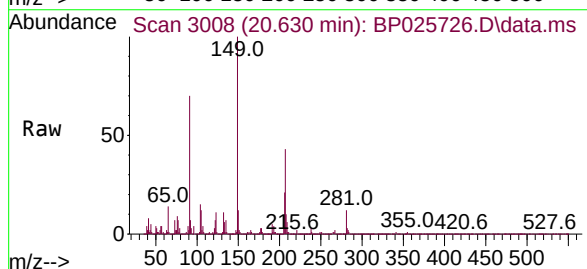
Tgt Ion:244 Resp: 466997
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 10.7 7.1 10.7

Manual Integrations
APPROVED

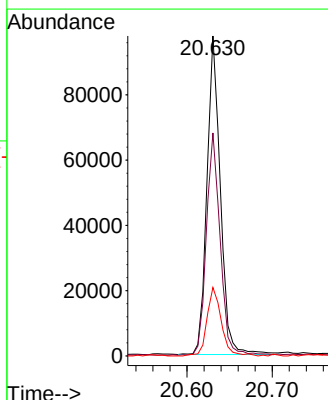
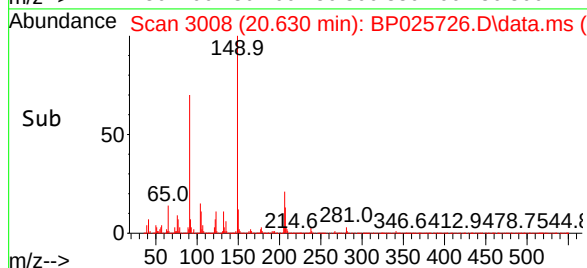
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

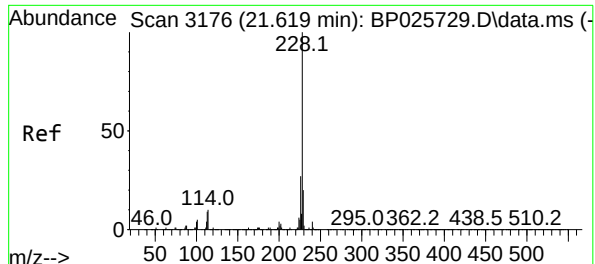


#80
Butylbenzylphthalate
Concen: 4.437 ng
RT: 20.630 min Scan# 3008
Delta R.T. -0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37



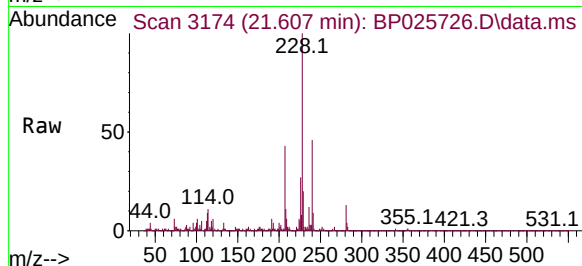
Tgt Ion:149 Resp: 107059
Ion Ratio Lower Upper
149 100
91 69.7 56.6 85.0
206 21.4 17.4 26.0





#81
Benzo(a)anthracene
Concen: 4.916 ng
RT: 21.607 min Scan# 3174
Delta R.T. -0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

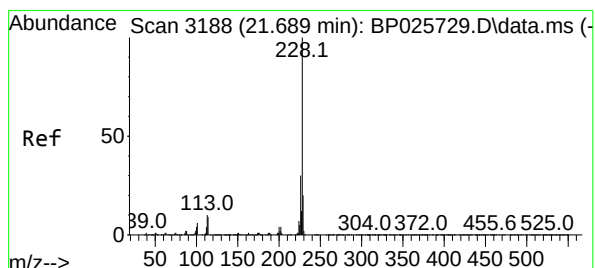
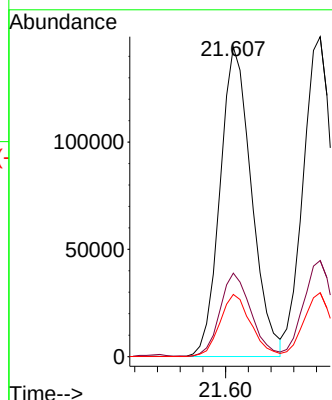
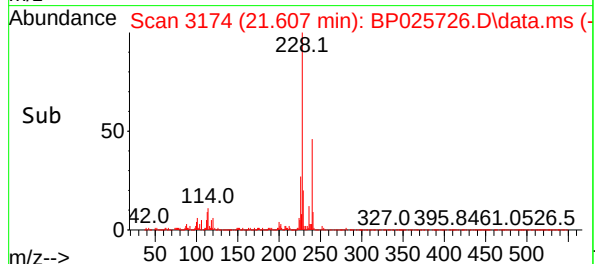
Instrument :
BNA_P
Client Sample Id :
SSTDICC005



Tgt Ion: 228 Resp: 27755
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 20.1 15.7 23.5

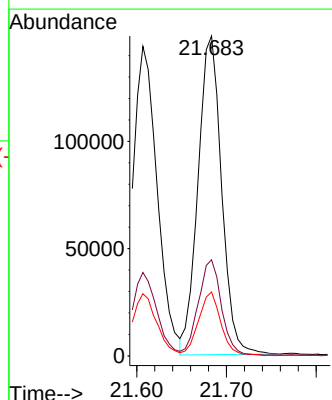
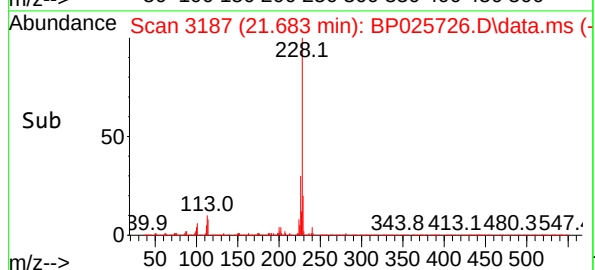
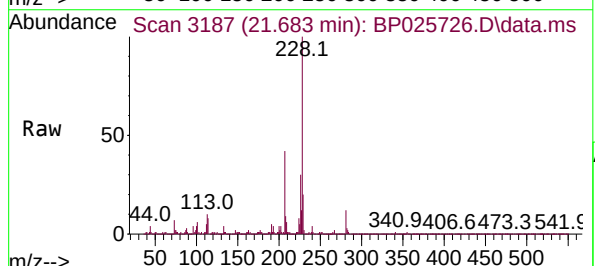
Manual Integrations
APPROVED

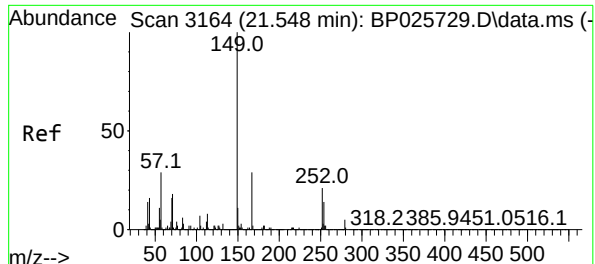
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#83
Chrysene
Concen: 5.040 ng
RT: 21.683 min Scan# 3187
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

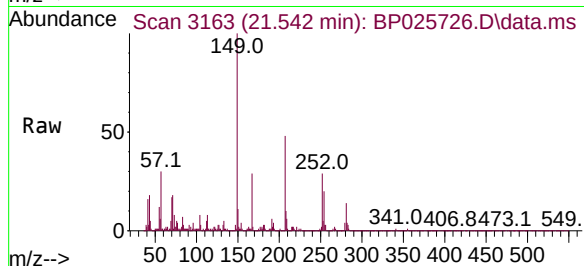
Tgt Ion: 228 Resp: 271250
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.6
229 20.0 15.6 23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.673 ng
RT: 21.542 min Scan# 3164
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

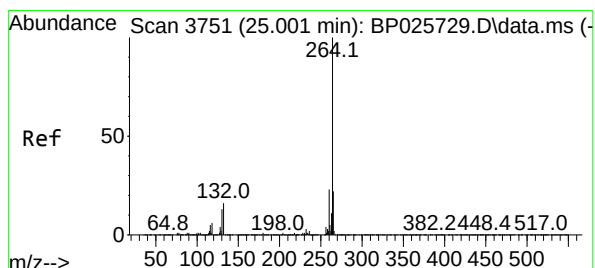
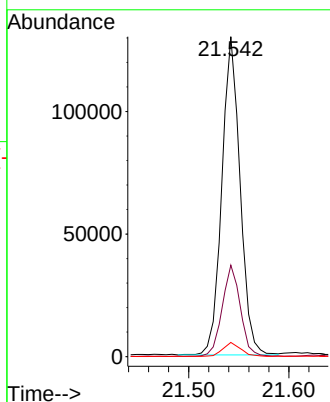
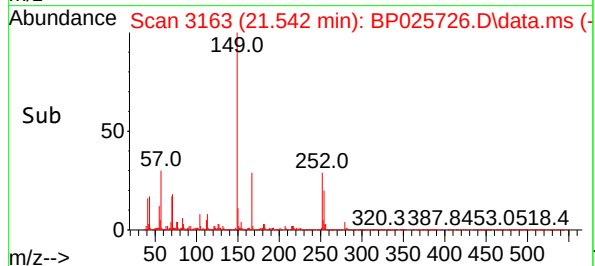
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 164937
Ion Ratio Lower Upper
149 100
167 28.6 22.9 34.3
279 4.4 3.8 5.8

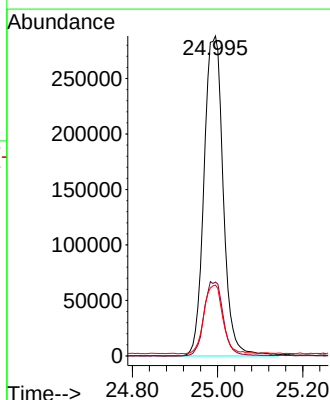
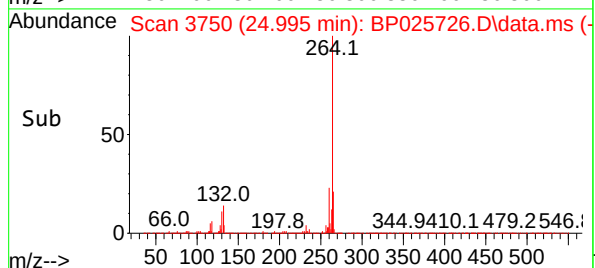
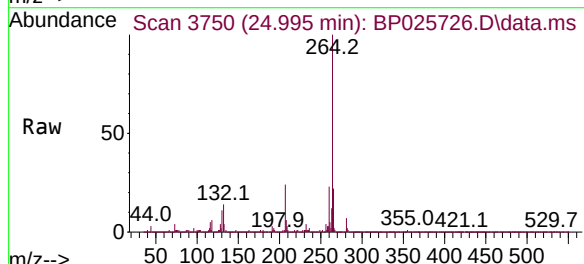
Manual Integrations
APPROVED

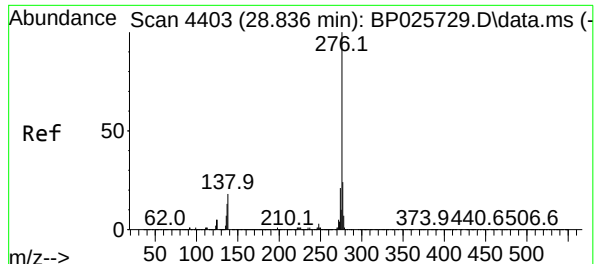
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3750
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

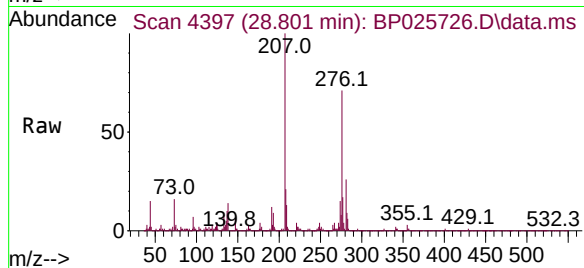
Tgt Ion:264 Resp: 899115
Ion Ratio Lower Upper
264 100
260 23.1 18.3 27.5
265 22.2 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.607 ng
RT: 28.801 min Scan# 4397
Delta R.T. -0.035 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

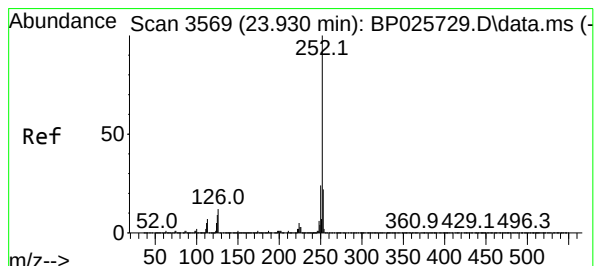
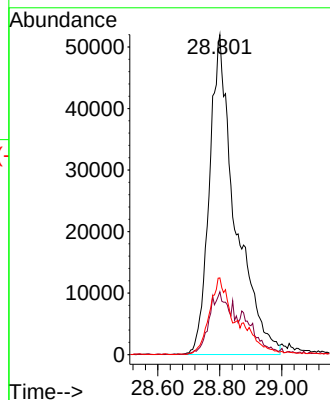
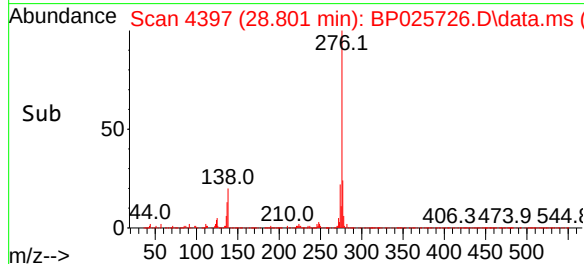
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 276 Resp: 301229
Ion Ratio Lower Upper
276 100
138 14.1 13.4 20.2
277 17.9 9.1 13.7

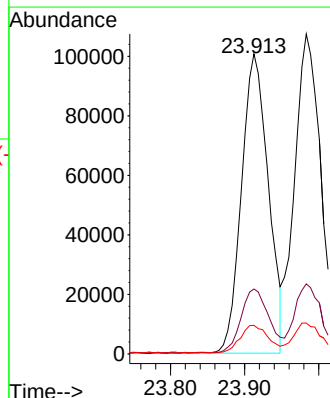
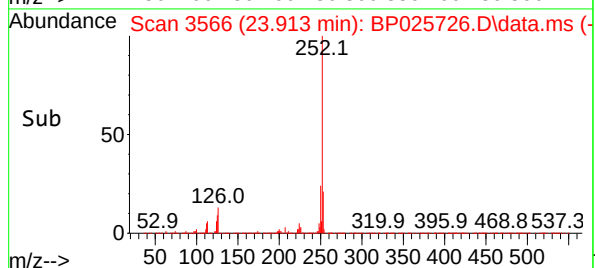
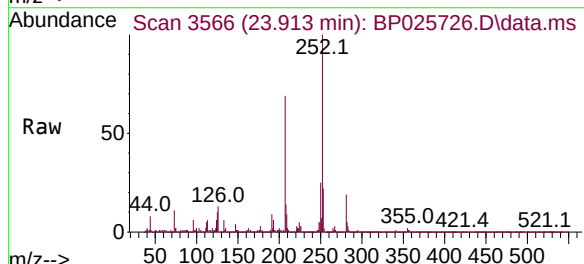
Manual Integrations
APPROVED

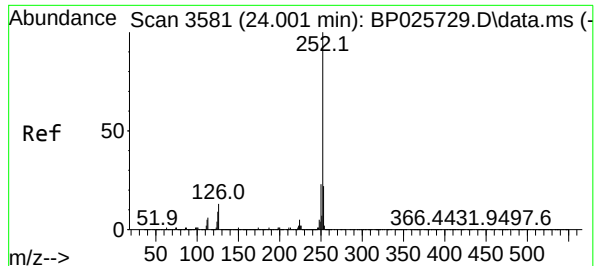
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#88
Benzo(b)fluoranthene
Concen: 4.595 ng
RT: 23.913 min Scan# 3566
Delta R.T. -0.018 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 252 Resp: 252672
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 9.5 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 4.918 ng

RT: 23.983 min Scan# 3578

Delta R.T. -0.018 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:252 Resp: 275940

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

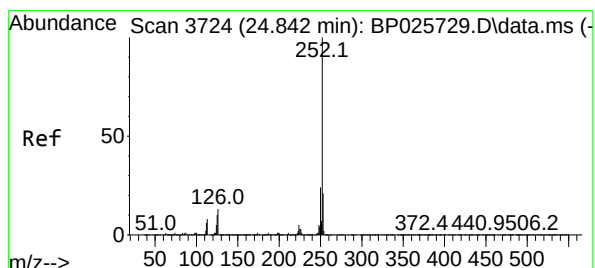
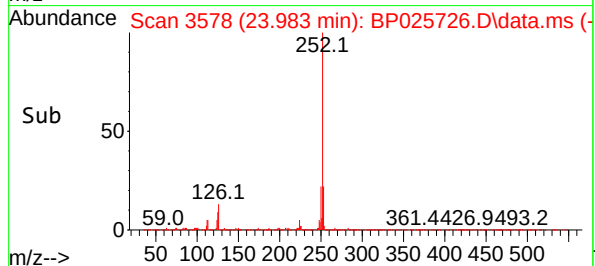
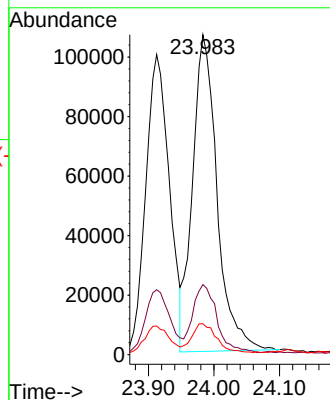
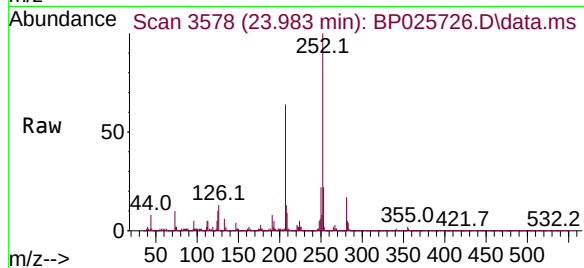
125 9.6 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#90

Benzo(a)pyrene

Concen: 4.720 ng

RT: 24.824 min Scan# 3721

Delta R.T. -0.018 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

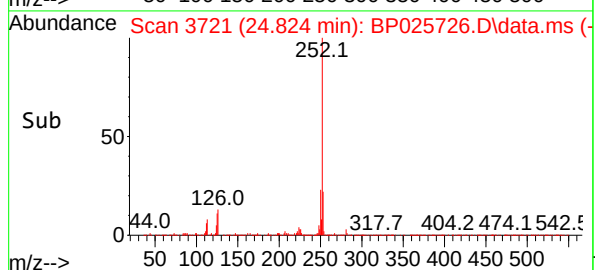
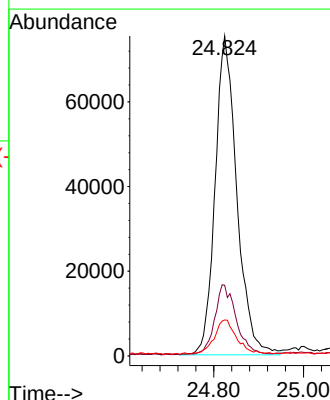
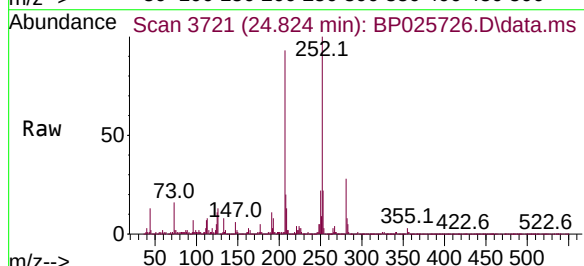
Tgt Ion:252 Resp: 254148

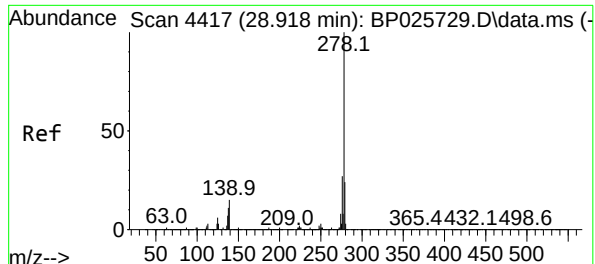
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

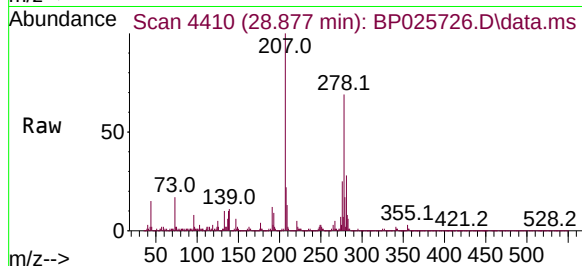
125 11.2 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 4.687 ng
RT: 28.877 min Scan# 4417
Delta R.T. -0.041 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

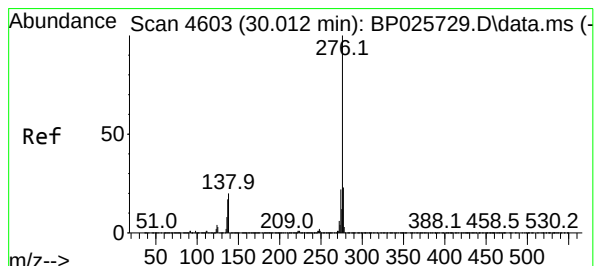
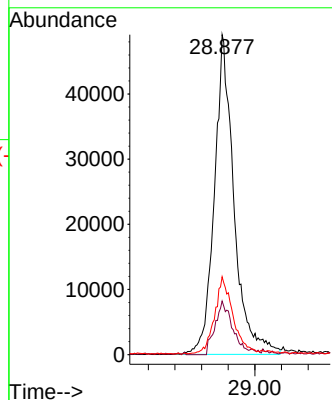
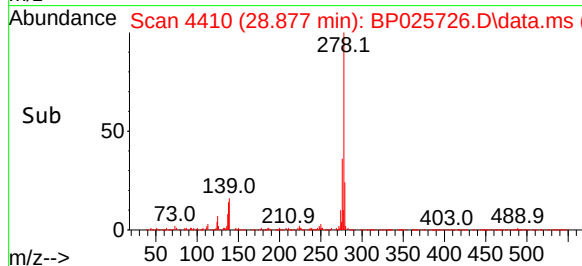
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 278 Resp: 250801
Ion Ratio Lower Upper
278 100
139 16.7 12.1 18.1
279 24.3 19.6 29.4

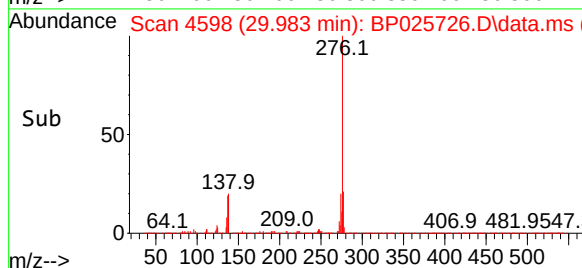
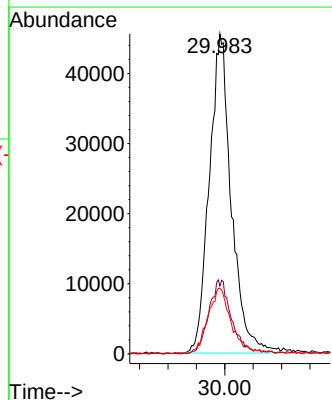
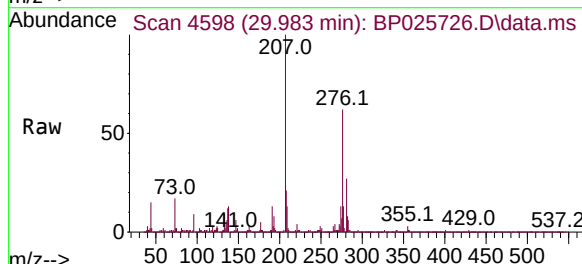
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#92
Benzo(g,h,i)perylene
Concen: 4.657 ng
RT: 29.983 min Scan# 4598
Delta R.T. -0.029 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 276 Resp: 245079
Ion Ratio Lower Upper
276 100
277 21.2 18.7 28.1
138 20.5 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025727.D
 Acq On : 11 Sep 2025 10:18
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:20:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	130279	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	533074	20.000	ng	0.00
39) Acenaphthene-d10	14.366	164	373569	20.000	ng	-0.01
64) Phenanthrene-d10	17.183	188	783581	20.000	ng	0.00
76) Chrysene-d12	21.636	240	866064	20.000	ng	0.00
86) Perylene-d12	24.989	264	954952	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	146309	18.121	ng	0.00
7) Phenol-d6	6.949	99	190237	17.726	ng	0.00
23) Nitrobenzene-d5	8.902	82	218368	18.070	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	84835	18.207	ng	-0.01
45) 2-Fluorobiphenyl	12.984	172	548995	19.568	ng	0.00
79) Terphenyl-d14	19.907	244	946504	19.661	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.308	88	32347	9.545	ng	98
3) Pyridine	3.714	79	85764	9.191	ng	98
4) n-Nitrosodimethylamine	3.619	42	41618	9.452	ng	98
6) Aniline	7.096	93	129012	8.757	ng	98
8) 2-Chlorophenol	7.337	128	77937	8.799	ng	98
9) Benzaldehyde	6.913	77	67547m	10.513	ng	
10) Phenol	6.978	94	99362	8.781	ng	99
11) bis(2-Chloroethyl)ether	7.190	93	79609	8.756	ng	99
12) 1,3-Dichlorobenzene	7.649	146	94257	9.350	ng	98
13) 1,4-Dichlorobenzene	7.796	146	96090	9.357	ng	99
14) 1,2-Dichlorobenzene	8.107	146	93300	9.352	ng	99
15) Benzyl Alcohol	8.007	79	71103	8.018	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.278	45	138959	9.346	ng	98
17) 2-Methylphenol	8.207	107	67077	8.792	ng	99
18) Hexachloroethane	8.831	117	36252	9.242	ng	95
19) n-Nitroso-di-n-propyla...	8.554	70	68213	9.222	ng	98
20) 3+4-Methylphenols	8.537	107	88058	8.241	ng	99
22) Acetophenone	8.572	105	130184	9.138	ng	# 97
24) Nitrobenzene	8.943	77	96781	8.927	ng	97
25) Isophorone	9.466	82	193432	9.106	ng	98
26) 2-Nitrophenol	9.654	139	41028	8.524	ng	93
27) 2,4-Dimethylphenol	9.719	122	76321	9.038	ng	94
28) bis(2-Chloroethoxy)met...	9.937	93	112758	9.183	ng	99
29) 2,4-Dichlorophenol	10.207	162	71856	8.535	ng	96
30) 1,2,4-Trichlorobenzene	10.390	180	89376	9.419	ng	99
31) Naphthalene	10.572	128	274007	9.533	ng	99
32) Benzoic acid	9.837	122	45191m	7.198	ng	
33) 4-Chloroaniline	10.696	127	104287	8.705	ng	98
34) Hexachlorobutadiene	10.860	225	58279	9.541	ng	98
35) Caprolactam	11.466	113	28000m	8.645	ng	
36) 4-Chloro-3-methylphenol	11.825	107	90104	8.976	ng	97
37) 2-Methylnaphthalene	12.184	142	170398	9.230	ng	99
38) 1-Methylnaphthalene	12.401	142	184127	9.353	ng	97
40) 1,2,4,5-Tetrachloroben...	12.554	216	104709	9.250	ng	100
41) Hexachlorocyclopentadiene	12.531	237	42087	6.826	ng	94
43) 2,4,6-Trichlorophenol	12.807	196	66063	8.877	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025727.D
 Acq On : 11 Sep 2025 10:18
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:20:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.890	196	72578	8.763	ng	95
46) 1,1'-Biphenyl	13.195	154	256914	9.370	ng	99
47) 2-Chloronaphthalene	13.242	162	203648	9.432	ng	99
48) 2-Nitroaniline	13.454	65	61991	8.613	ng	97
49) Acenaphthylene	14.089	152	334623	9.354	ng	99
50) Dimethylphthalate	13.825	163	267725	9.387	ng	99
51) 2,6-Dinitrotoluene	13.942	165	54414	9.005	ng	99
52) Acenaphthene	14.437	154	196467	9.523	ng	100
53) 3-Nitroaniline	14.284	138	52642	8.285	ng	98
54) 2,4-Dinitrophenol	14.513	184	20208	9.658	ng	96
55) Dibenzofuran	14.778	168	327607	9.743	ng	99
56) 4-Nitrophenol	14.648	139	27599	9.243	ng	88
57) 2,4-Dinitrotoluene	14.748	165	74291	8.639	ng	99
58) Fluorene	15.436	166	258111	9.654	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.013	232	67402	9.034	ng	100
60) Diethylphthalate	15.213	149	274993	9.505	ng	100
61) 4-Chlorophenyl-phenyle...	15.431	204	130552	9.689	ng	98
62) 4-Nitroaniline	15.472	138	52570	8.082	ng	94
63) Azobenzene	15.731	77	258320	9.235	ng	99
65) 4,6-Dinitro-2-methylph...	15.536	198	36614	7.026	ng	94
66) n-Nitrosodiphenylamine	15.654	169	224671	9.369	ng	99
67) 4-Bromophenyl-phenylether	16.354	248	79245	9.206	ng	98
68) Hexachlorobenzene	16.472	284	90039	9.379	ng	99
69) Atrazine	16.636	200	82175	8.965	ng	98
70) Pentachlorophenol	16.836	266	51635	8.150	ng	93
71) Phenanthrene	17.230	178	429178	9.655	ng	99
72) Anthracene	17.325	178	425513	9.435	ng	98
73) Carbazole	17.607	167	390923	9.323	ng	99
74) Di-n-butylphthalate	18.189	149	475436	9.240	ng	99
75) Fluoranthene	19.319	202	507116	9.513	ng	100
77) Benzidine	19.525	184	226459	9.078	ng	100
78) Pyrene	19.689	202	538053	9.311	ng	98
80) Butylbenzylphthalate	20.636	149	221238	8.731	ng	95
81) Benzo(a)anthracene	21.613	228	563687	9.507	ng	100
82) 3,3'-Dichlorobenzidine	21.530	252	184095	8.980	ng	100
83) Chrysene	21.683	228	542537	9.599	ng	99
84) Bis(2-ethylhexyl)phtha...	21.542	149	338402	9.129	ng	100
85) Di-n-octyl phthalate	22.818	149	569524	8.637	ng	98
87) Indeno(1,2,3-cd)pyrene	28.789	276	637024	9.173	ng	# 85
88) Benzo(b)fluoranthene	23.918	252	546577	9.360	ng	99
89) Benzo(k)fluoranthene	23.989	252	558830	9.378	ng	99
90) Benzo(a)pyrene	24.830	252	525444	9.188	ng	99
91) Dibenzo(a,h)anthracene	28.871	278	513228	9.031	ng	97
92) Benzo(g,h,i)perylene	29.995	276	514884	9.213	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025727.D
 Acq On : 11 Sep 2025 10:18
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025

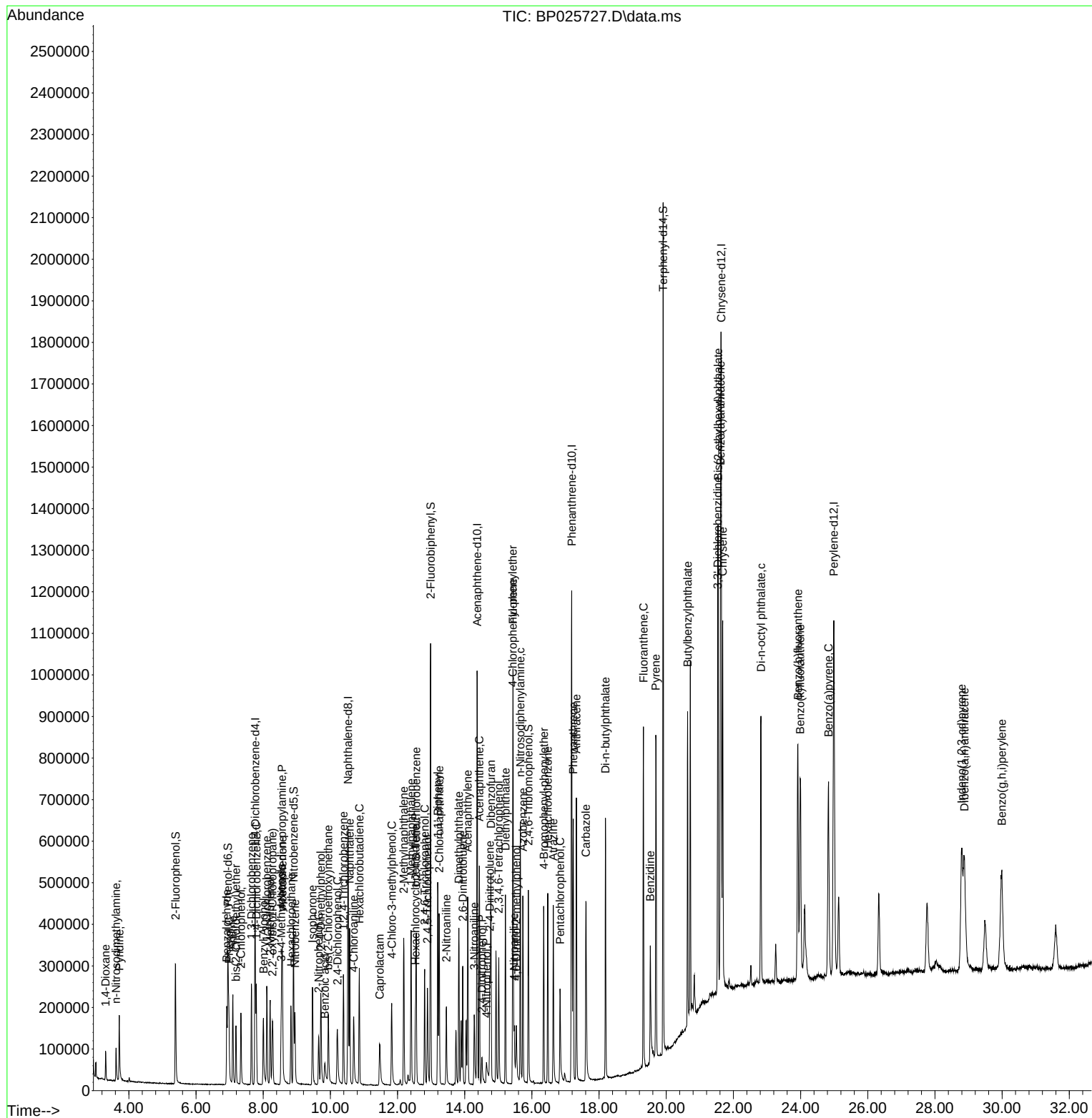
Quant Time: Sep 11 16:20:47 2025

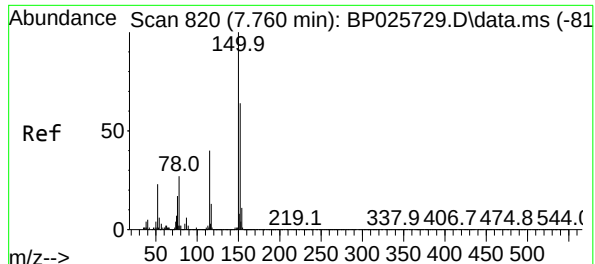
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Sep 11 16:16:10 2025

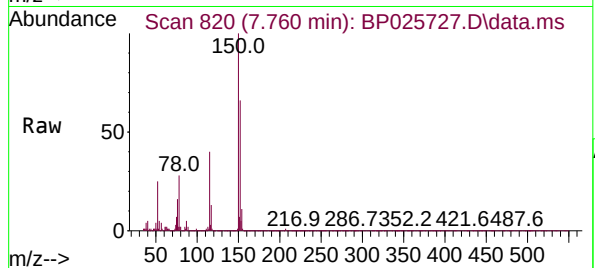
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.760 min Scan# 820
Delta R.T. 0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

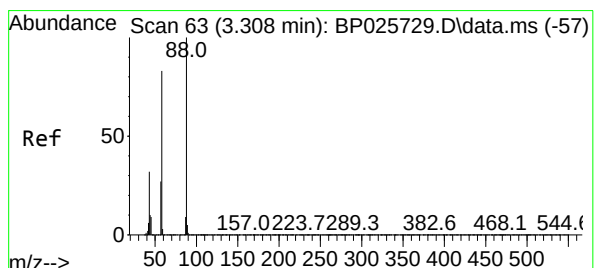
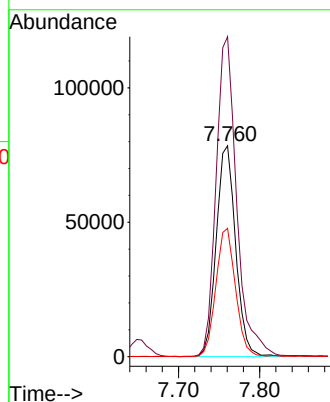
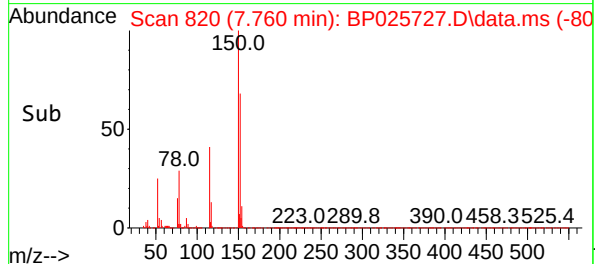
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 152 Resp: 130279
Ion Ratio Lower Upper
152 100
150 151.8 124.3 186.5
115 60.8 50.3 75.5

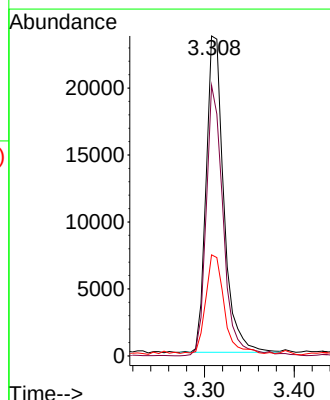
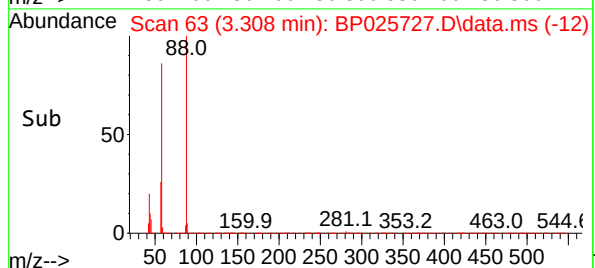
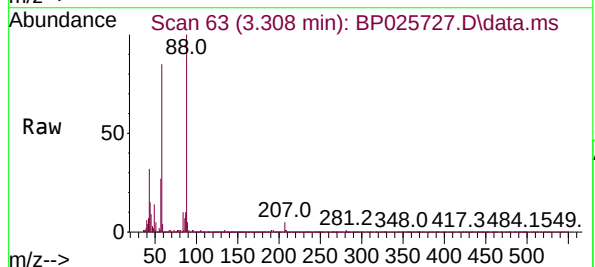
Manual Integrations
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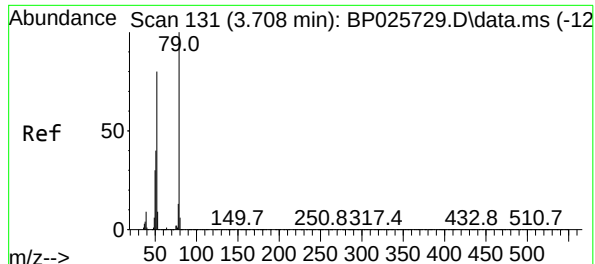
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#2
1,4-Dioxane
Concen: 9.545 ng
RT: 3.308 min Scan# 63
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 88 Resp: 32347
Ion Ratio Lower Upper
88 100
58 83.4 65.5 98.3
43 32.9 25.2 37.8





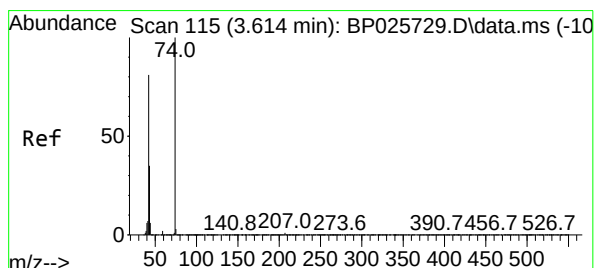
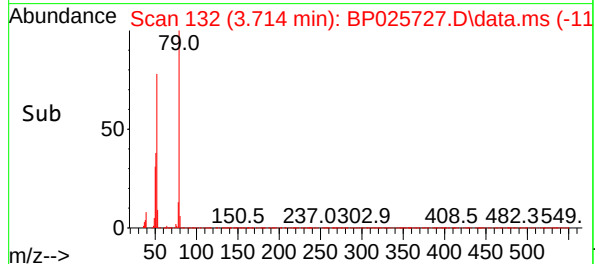
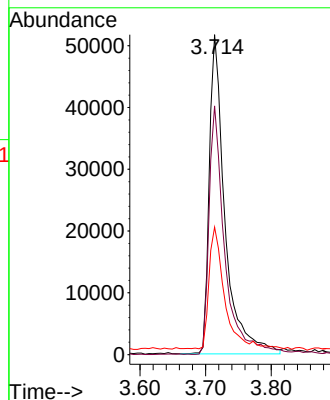
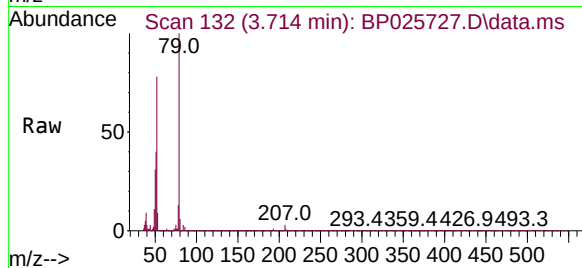
#3
Pyridine
Concen: 9.191 ng
RT: 3.714 min Scan# 131
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 85764
Ion Ratio Lower Upper
79 100
52 77.7 63.7 95.5
51 39.8 32.4 48.6

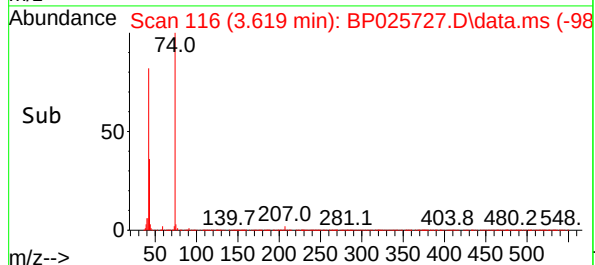
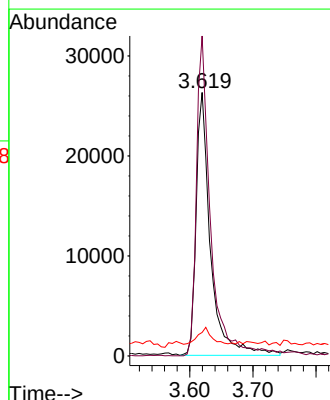
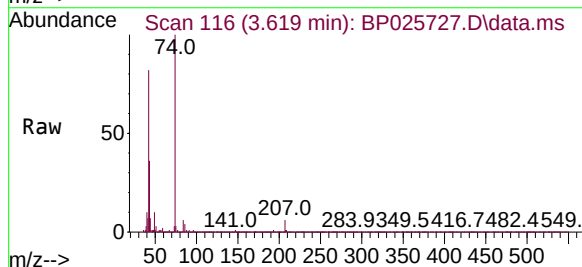
Manual Integrations
APPROVED

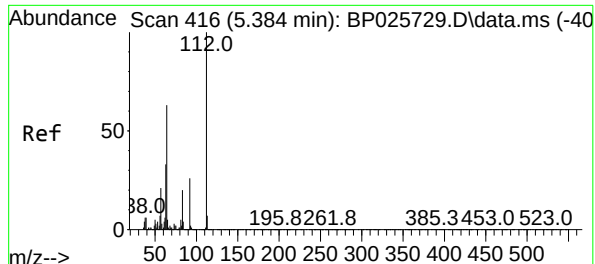
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#4
n-Nitrosodimethylamine
Concen: 9.452 ng
RT: 3.619 min Scan# 116
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

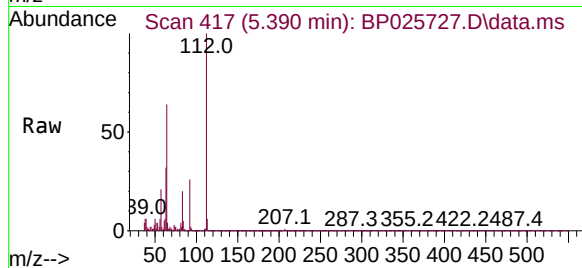
Tgt Ion: 42 Resp: 41618
Ion Ratio Lower Upper
42 100
74 121.4 99.2 148.8
44 8.9 6.4 9.6





#5
2-Fluorophenol
Concen: 18.121 ng
RT: 5.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

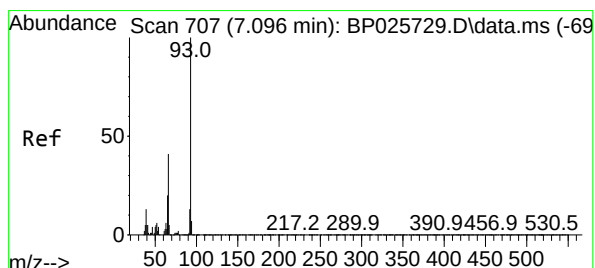
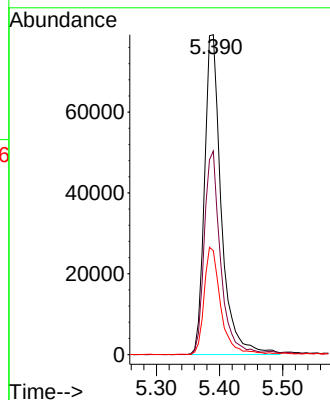
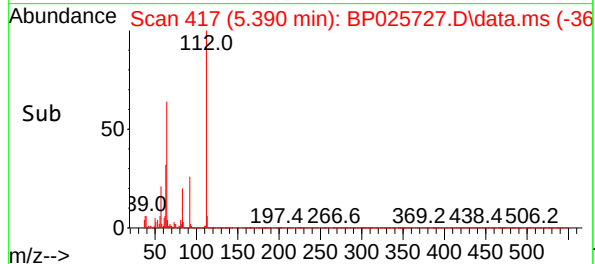
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 112 Resp: 146309
Ion Ratio Lower Upper
112 100
64 63.6 50.2 75.4
63 32.5 26.7 40.1

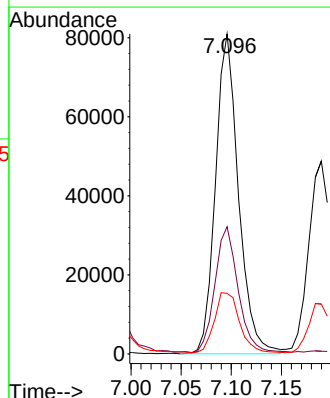
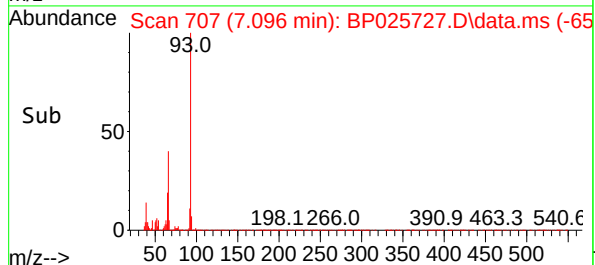
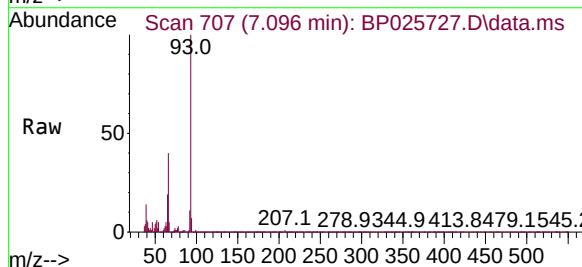
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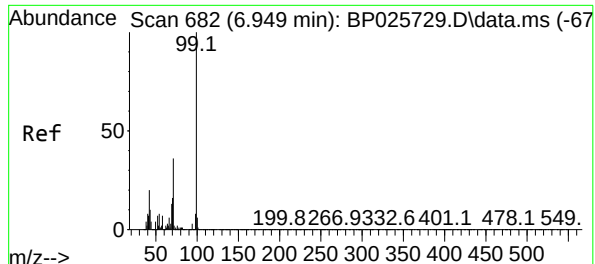
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#6
Aniline
Concen: 8.757 ng
RT: 7.096 min Scan# 707
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 93 Resp: 129012
Ion Ratio Lower Upper
93 100
66 39.7 32.6 49.0
65 18.9 16.2 24.2





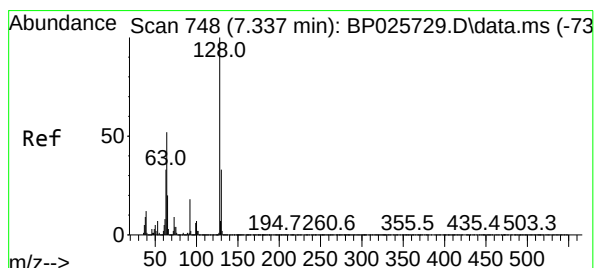
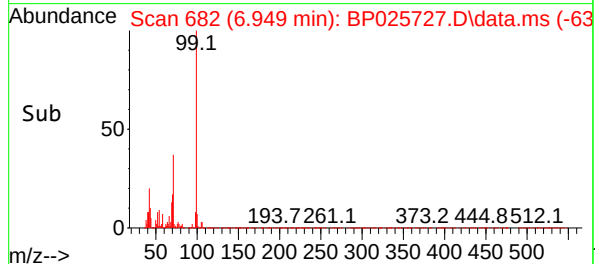
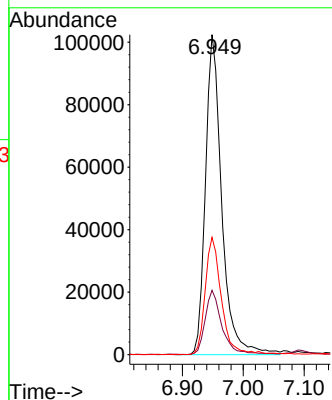
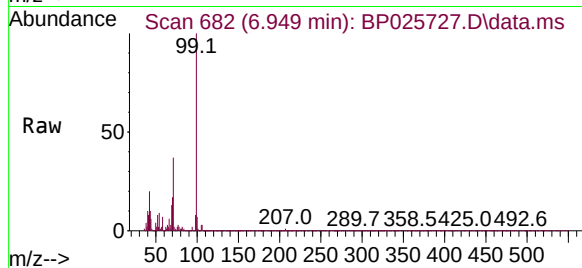
#7
Phenol-d6
Concen: 17.726 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 190237
Ion Ratio Lower Upper
99 100
42 20.1 15.6 23.4
71 36.6 28.6 43.0

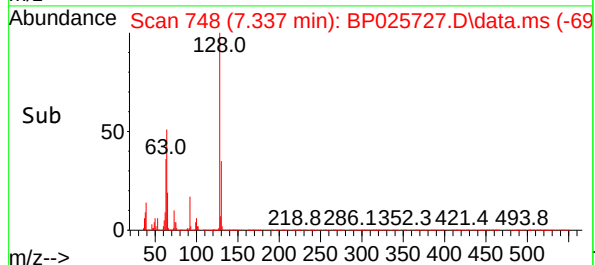
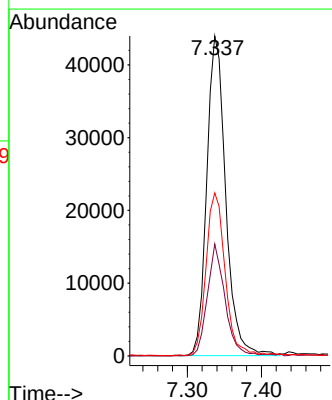
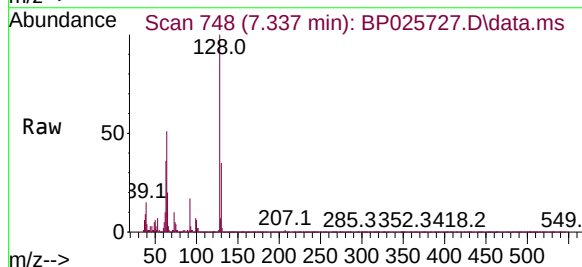
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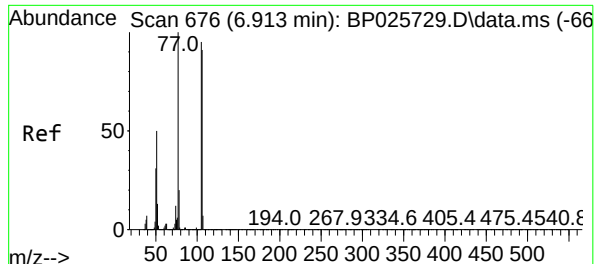
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#8
2-Chlorophenol
Concen: 8.799 ng
RT: 7.337 min Scan# 748
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

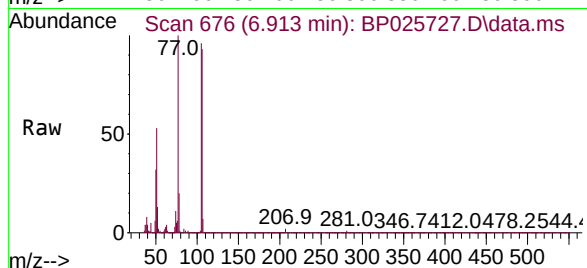
Tgt Ion:128 Resp: 77937
Ion Ratio Lower Upper
128 100
130 35.0 12.6 52.6
64 50.9 31.6 71.6





#9
Benzaldehyde
Concen: 10.513 ng m
RT: 6.913 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

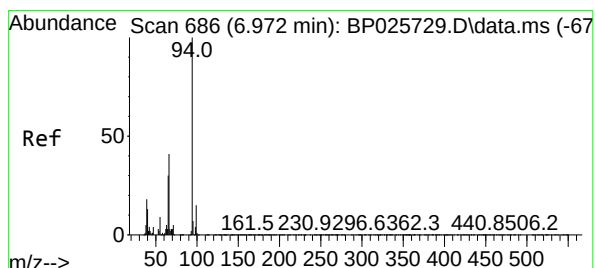
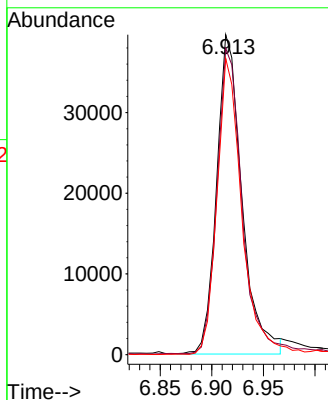
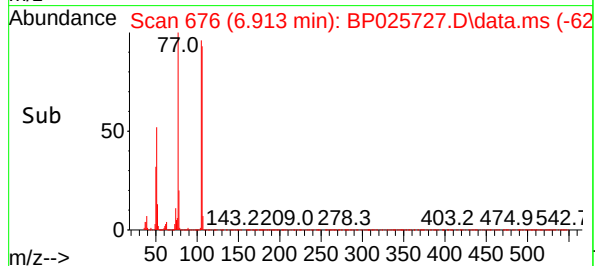
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 6754
Ion Ratio Lower Upper
77 100
105 95.6 75.2 115.2
106 92.5 71.3 111.3

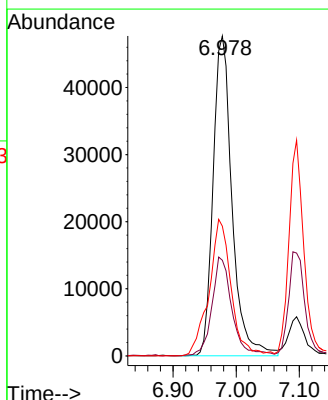
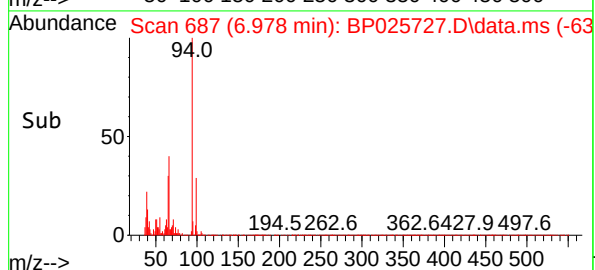
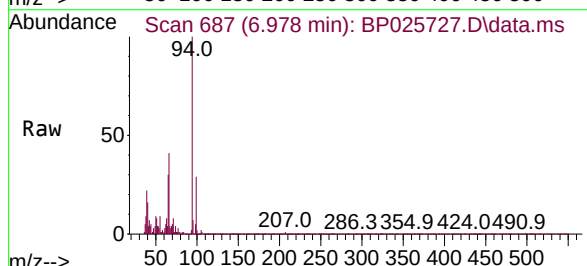
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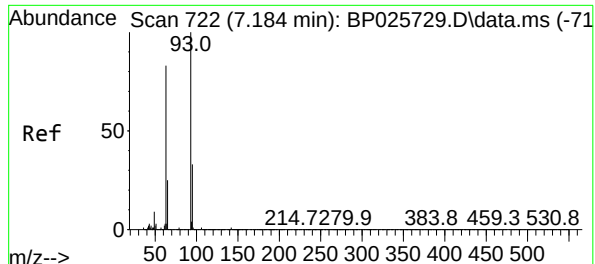
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#10
Phenol
Concen: 8.781 ng
RT: 6.978 min Scan# 687
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 94 Resp: 99362
Ion Ratio Lower Upper
94 100
65 29.9 10.2 50.2
66 40.5 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 8.756 ng

RT: 7.190 min Scan# 722

Delta R.T. 0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 93 Resp: 79609

Ion Ratio Lower Upper

93 100

63 83.5 62.6 102.6

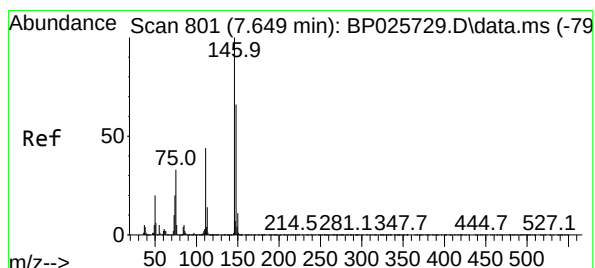
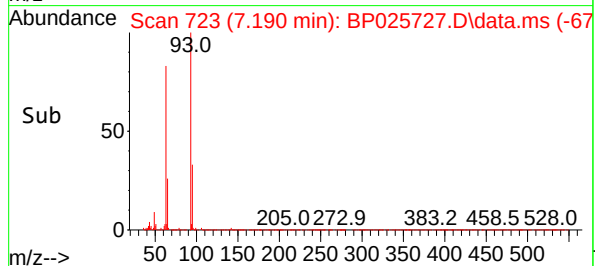
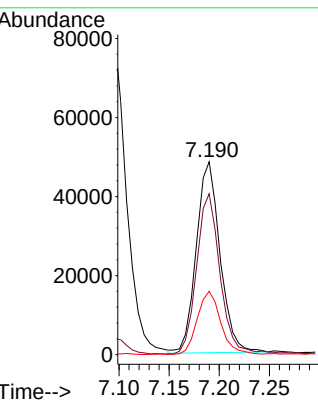
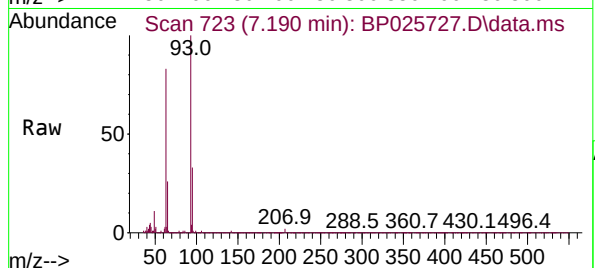
95 32.8 13.2 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#12

1,3-Dichlorobenzene

Concen: 9.350 ng

RT: 7.649 min Scan# 801

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

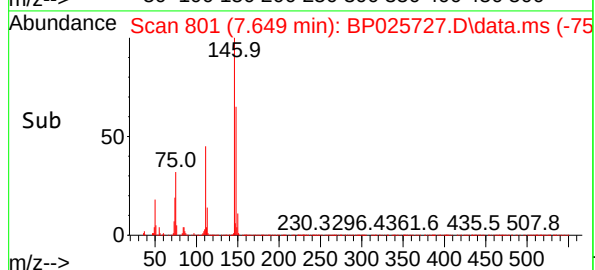
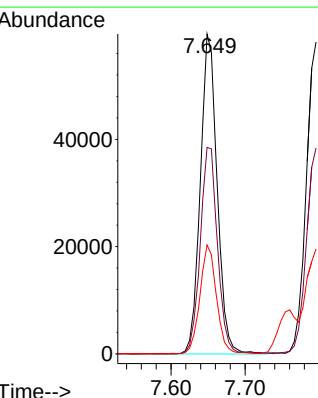
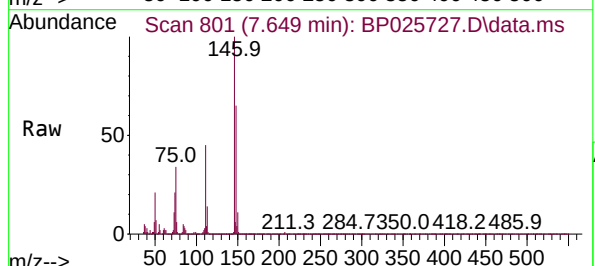
Tgt Ion:146 Resp: 94257

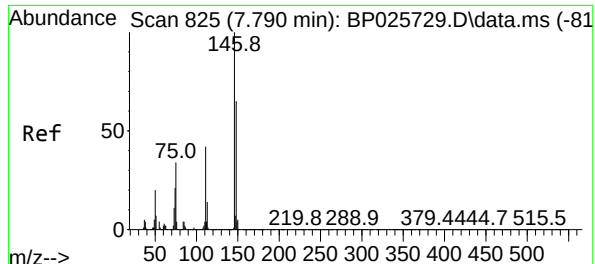
Ion Ratio Lower Upper

146 100

148 64.5 52.7 79.1

75 34.0 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 9.357 ng

RT: 7.796 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 96090

Ion Ratio Lower Upper

146 100

148 66.0 52.0 78.0

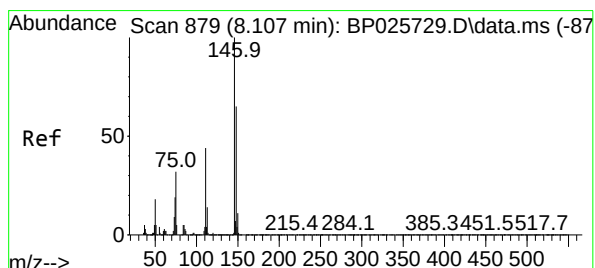
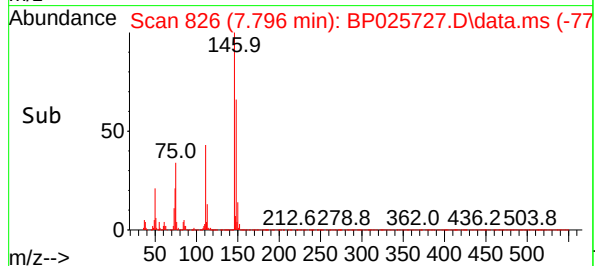
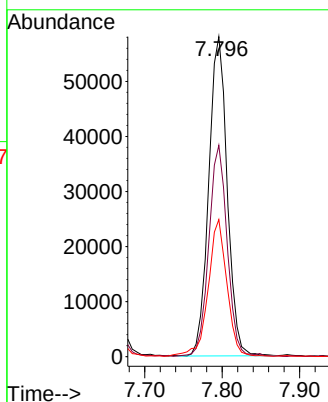
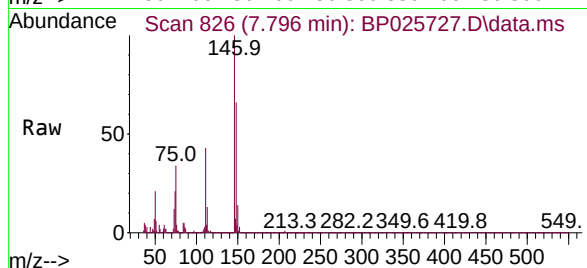
111 42.8 33.9 50.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#14

1,2-Dichlorobenzene

Concen: 9.352 ng

RT: 8.107 min Scan# 879

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

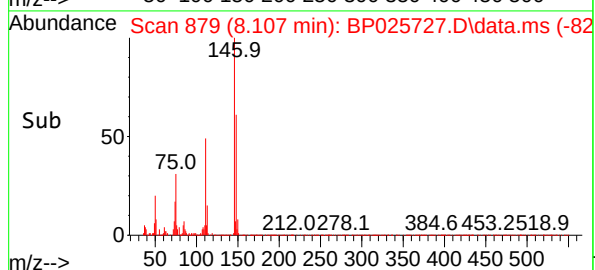
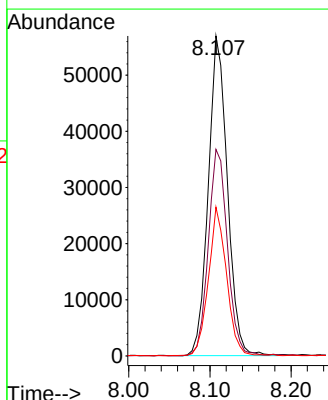
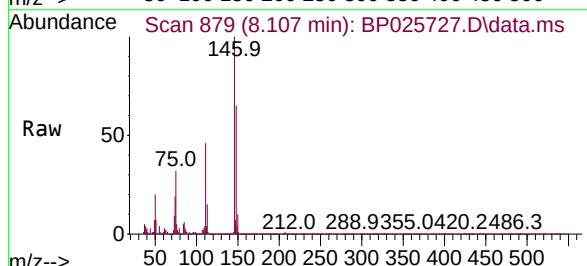
Tgt Ion:146 Resp: 93300

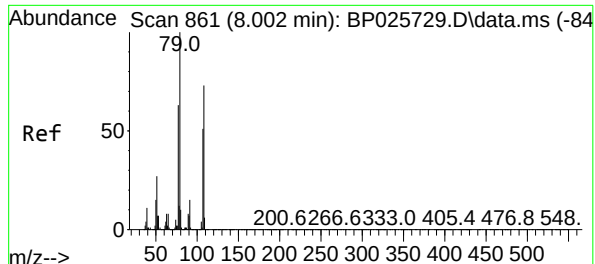
Ion Ratio Lower Upper

146 100

148 64.5 51.7 77.5

111 46.5 35.5 53.3





#15

Benzyl Alcohol

Concen: 8.018 ng

RT: 8.007 min Scan# 80

Delta R.T. 0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 71103

Ion Ratio Lower Upper

79 100

108 73.0 58.7 88.1

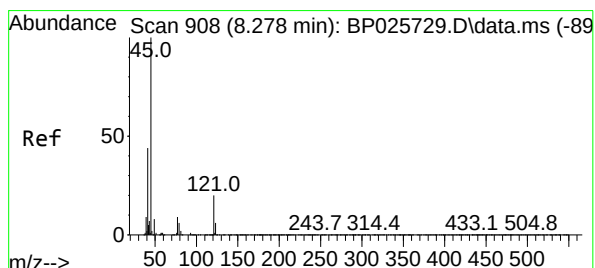
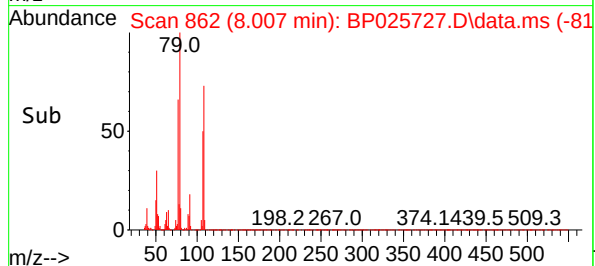
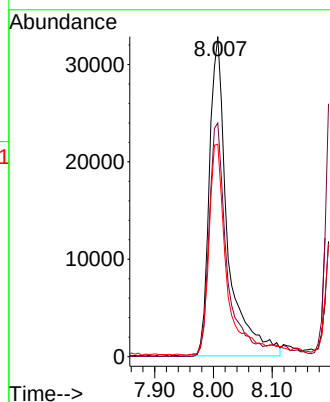
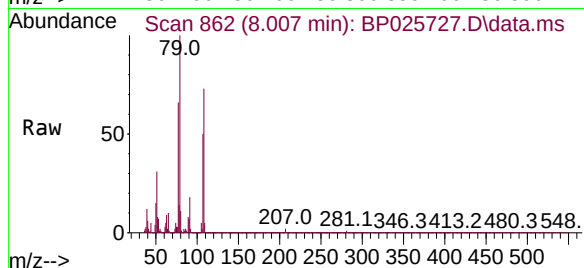
77 66.4 50.2 75.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.346 ng

RT: 8.278 min Scan# 908

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

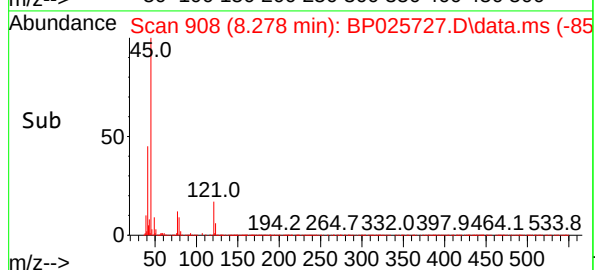
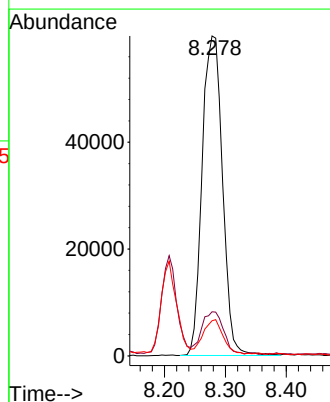
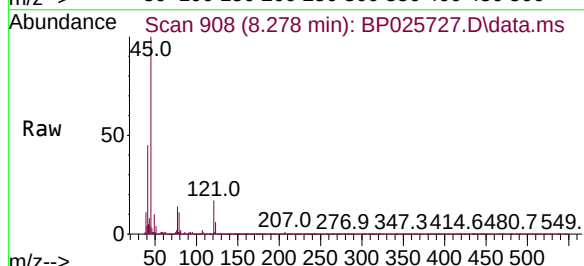
Tgt Ion: 45 Resp: 138959

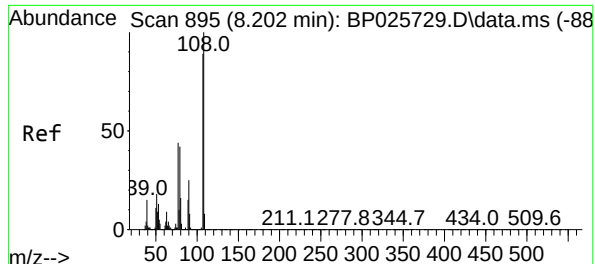
Ion Ratio Lower Upper

45 100

77 13.8 0.0 33.1

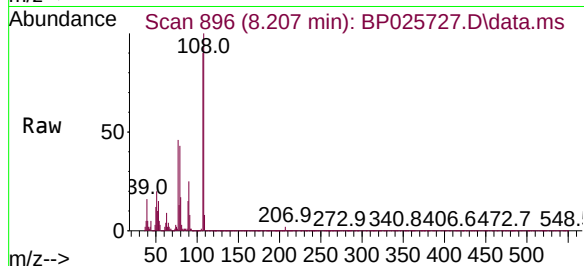
79 11.0 0.0 30.0





#17
2-Methylphenol
Concen: 8.792 ng
RT: 8.207 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

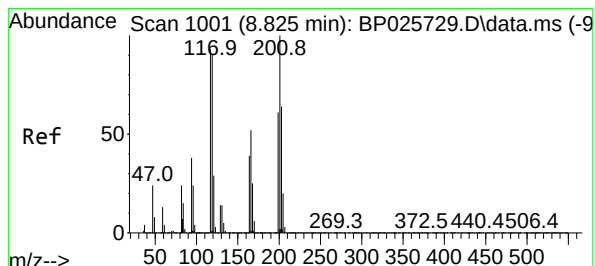
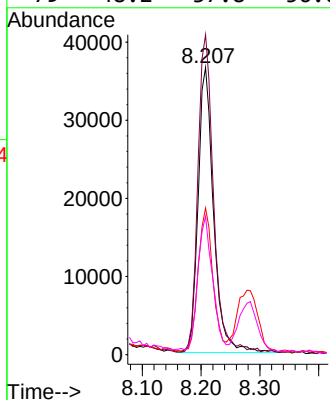
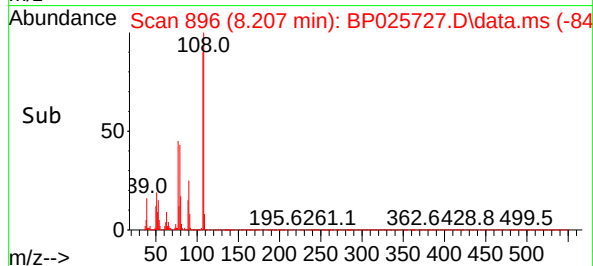
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



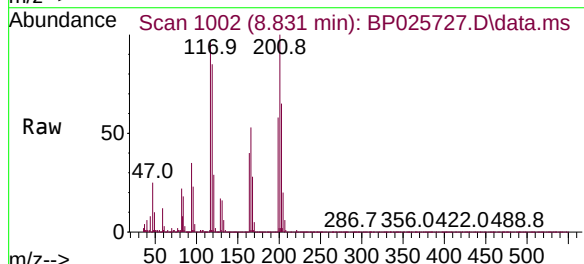
Tgt Ion:107 Resp: 67072
Ion Ratio Lower Upper
107 100
108 111.5 89.6 134.4
77 51.1 39.3 58.9
79 48.2 37.8 56.6

Manual Integrations
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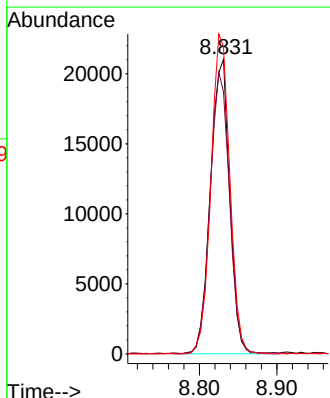
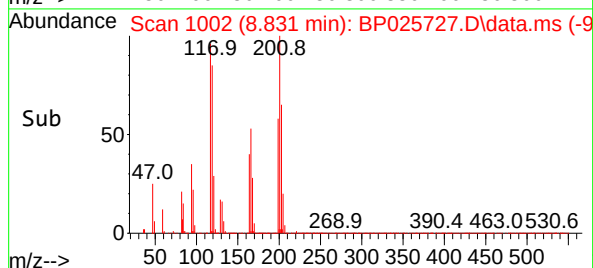
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

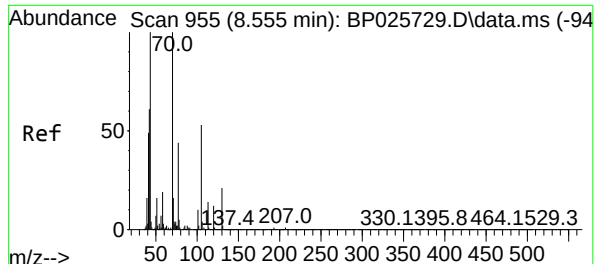


#18
Hexachloroethane
Concen: 9.242 ng
RT: 8.831 min Scan# 1002
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18



Tgt Ion:117 Resp: 36252
Ion Ratio Lower Upper
117 100
119 88.9 77.1 115.7
201 104.2 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 9.222 ng

RT: 8.554 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 6821

Ion Ratio Lower Upper

70 100

42 63.1 49.0 73.4

101 10.5 7.9 11.9

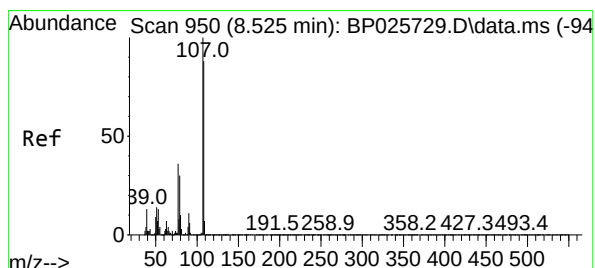
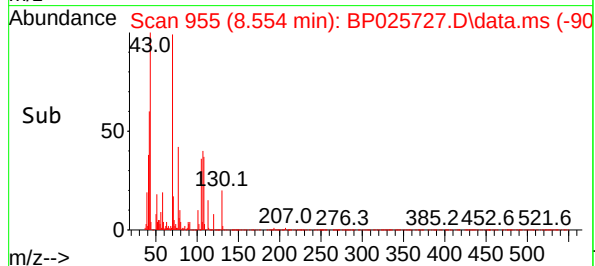
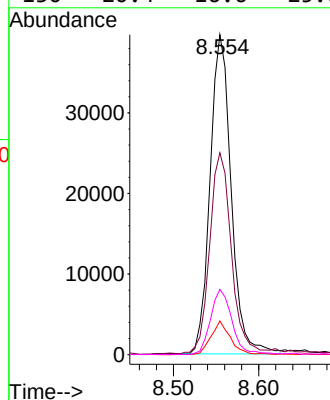
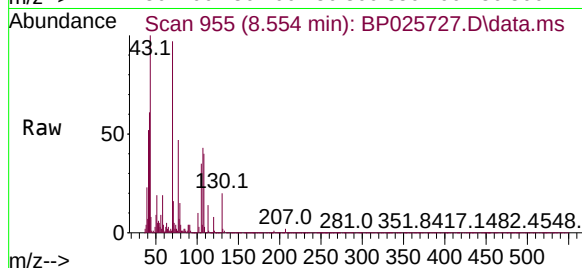
130 20.4 16.6 25.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#20

3+4-Methylphenols

Concen: 8.241 ng

RT: 8.537 min Scan# 952

Delta R.T. 0.012 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Tgt Ion:107 Resp: 88058

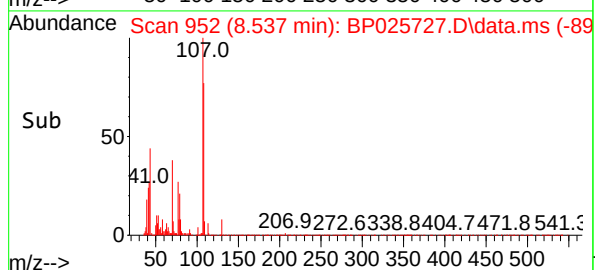
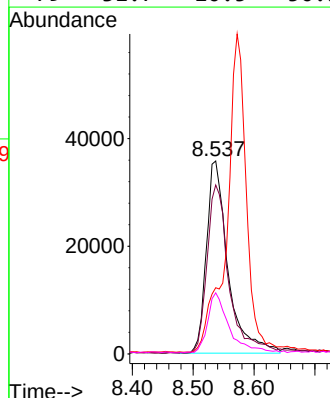
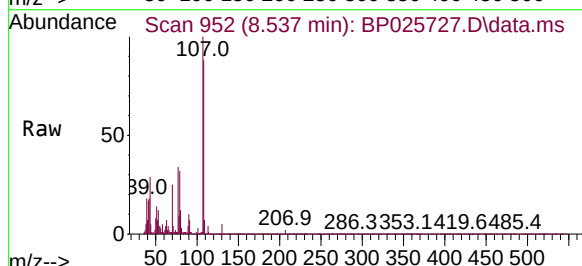
Ion Ratio Lower Upper

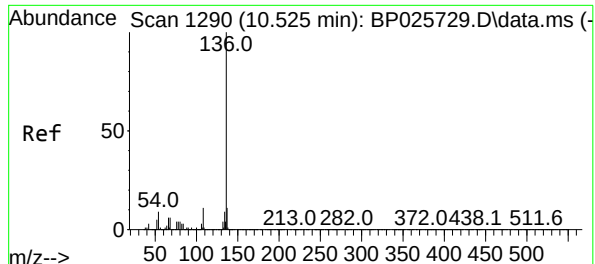
107 100

108 87.5 67.8 107.8

77 34.3 16.1 56.1

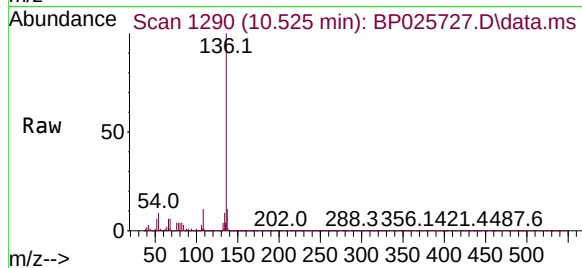
79 31.7 10.5 50.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.525 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

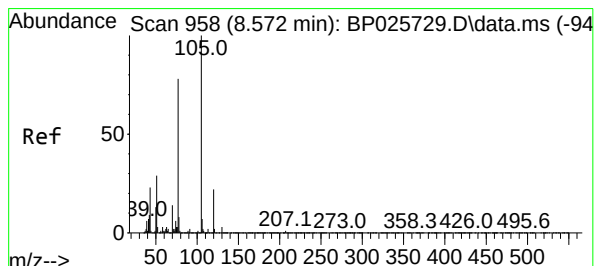
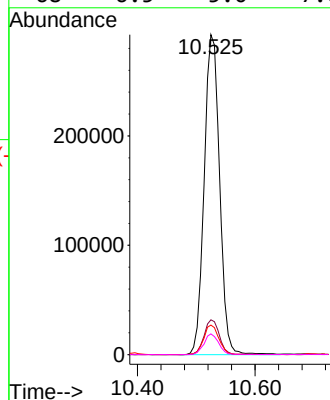
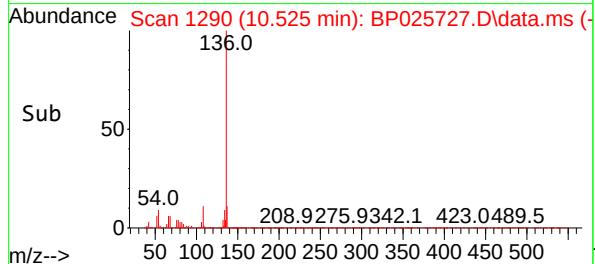
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:136 Resp: 533074
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.2 7.5 11.3
68 6.5 5.0 7.6

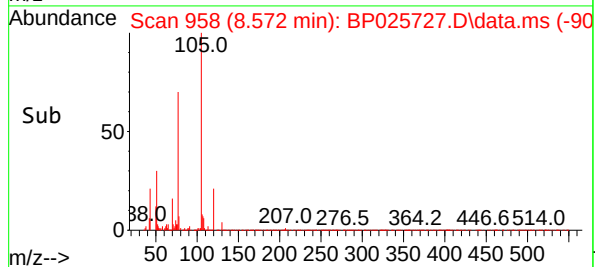
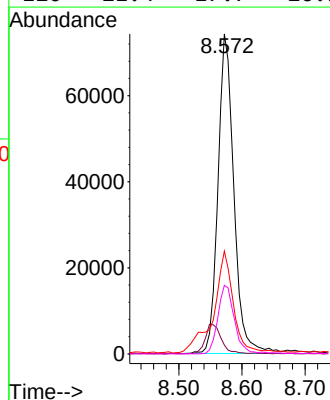
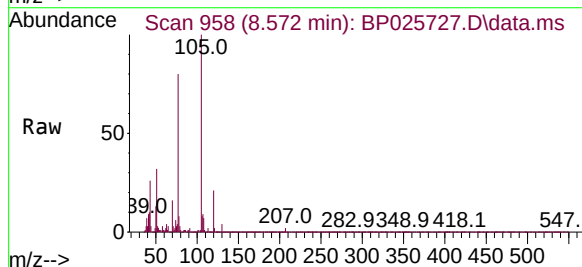
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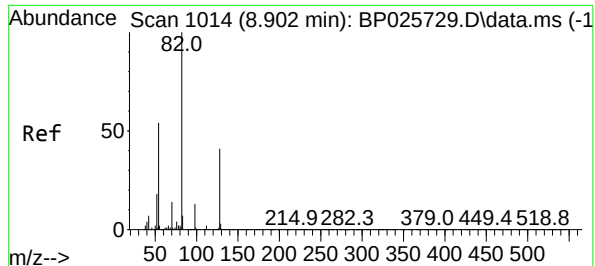
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#22
Acetophenone
Concen: 9.138 ng
RT: 8.572 min Scan# 958
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:105 Resp: 130184
Ion Ratio Lower Upper
105 100
71 2.8 1.8 2.8#
51 32.1 23.5 35.3
120 21.4 17.7 26.5





#23

Nitrobenzene-d5

Concen: 18.070 ng

RT: 8.902 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 218368

Ion Ratio Lower Upper

82 100

128 39.4 32.9 49.3

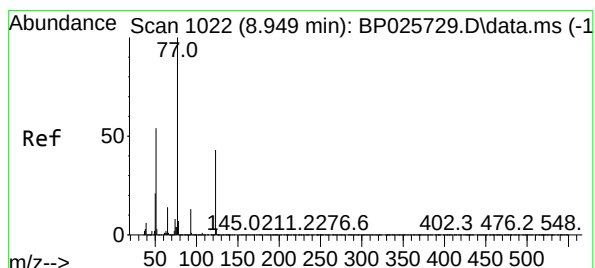
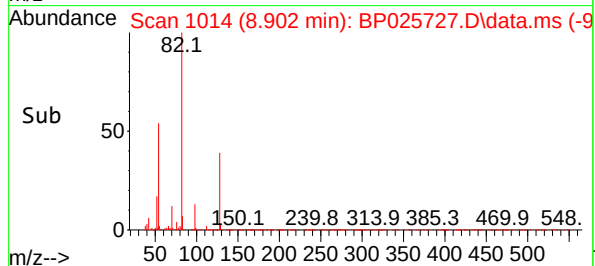
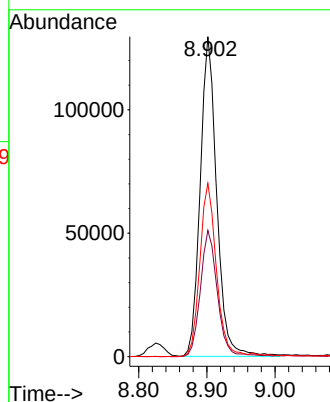
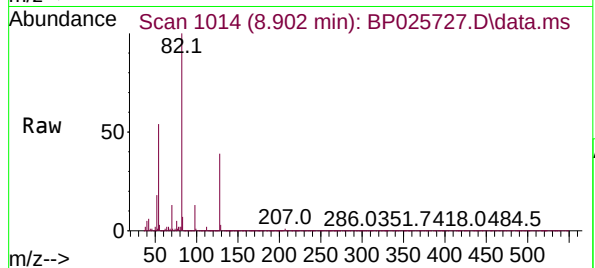
54 54.1 43.4 65.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#24

Nitrobenzene

Concen: 8.927 ng

RT: 8.943 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

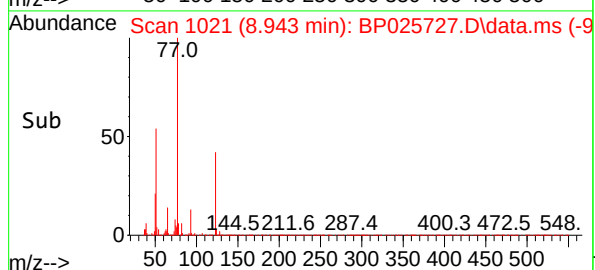
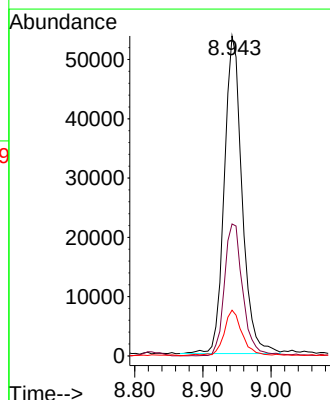
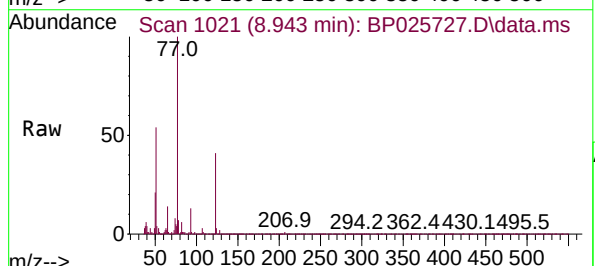
Tgt Ion: 77 Resp: 96781

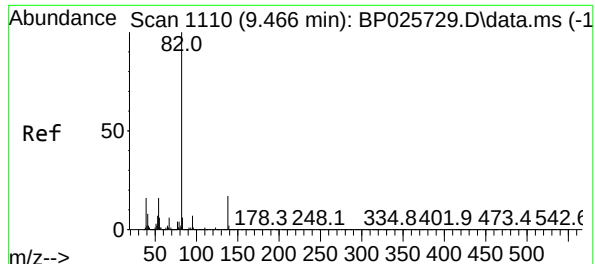
Ion Ratio Lower Upper

77 100

123 41.2 34.4 51.6

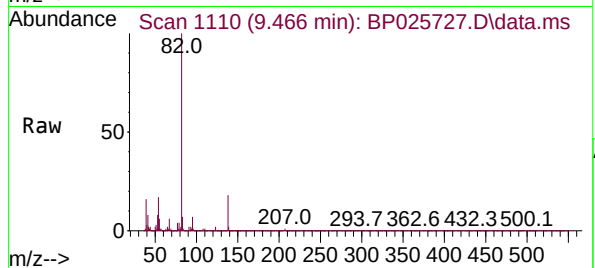
65 14.3 10.8 16.2





#25
Isophorone
Concen: 9.106 ng
RT: 9.466 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

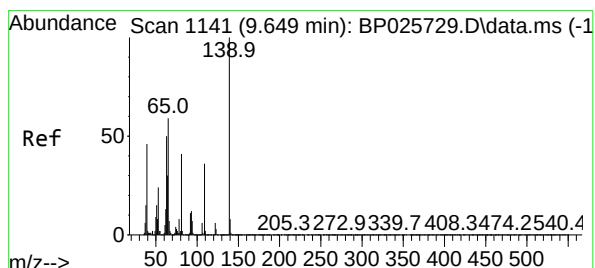
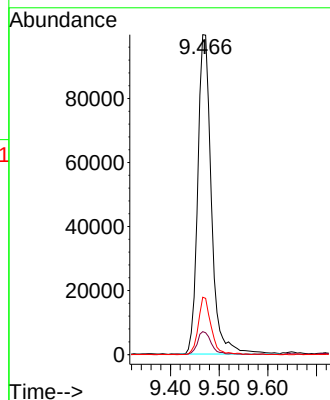
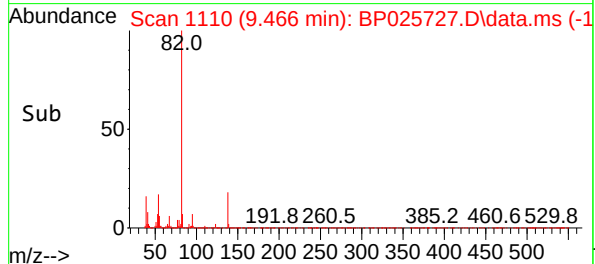
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



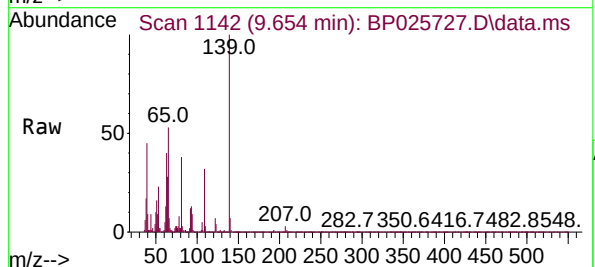
Tgt Ion: 82 Resp: 193432
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 17.9 13.5 20.3

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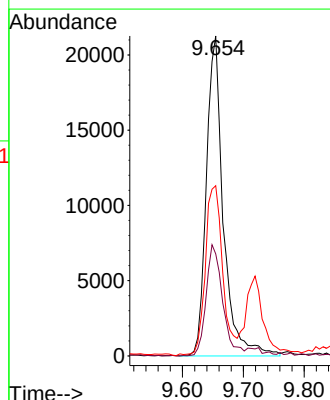
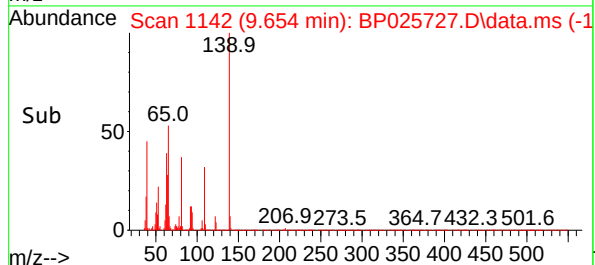
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

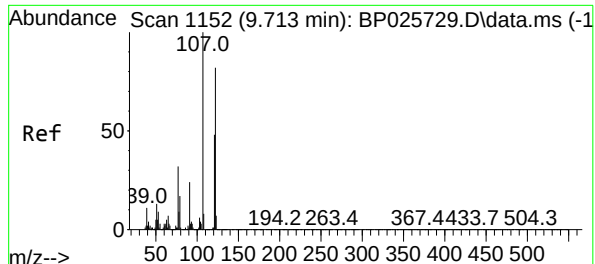


#26
2-Nitrophenol
Concen: 8.524 ng
RT: 9.654 min Scan# 1142
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18



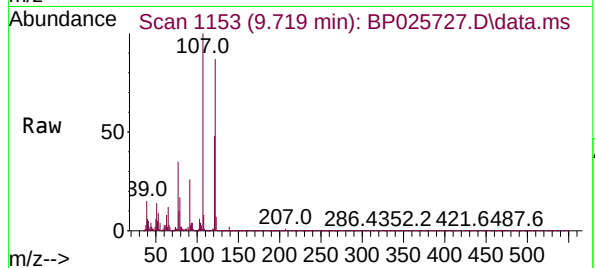
Tgt Ion:139 Resp: 41028
Ion Ratio Lower Upper
139 100
109 31.9 29.0 43.4
65 53.2 46.9 70.3





#27
2,4-Dimethylphenol
Concen: 9.038 ng
RT: 9.719 min Scan# 1152
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

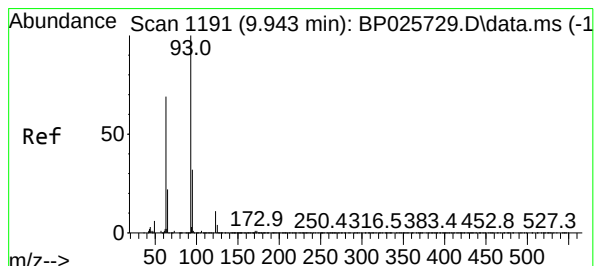
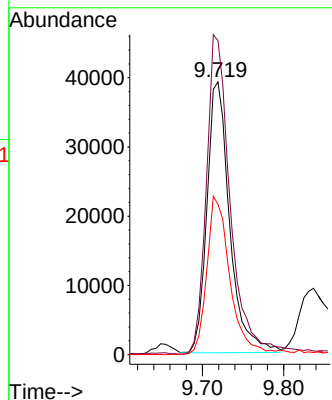
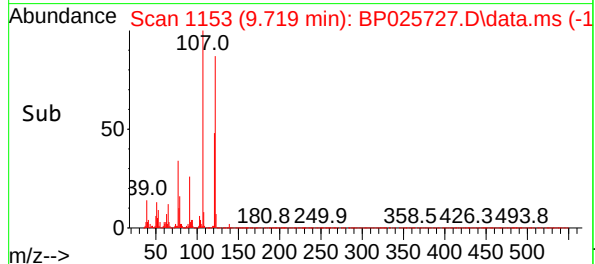
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 122 Resp: 7632
Ion Ratio Lower Upper
122 100
107 115.2 97.9 146.9
121 55.1 47.4 71.0

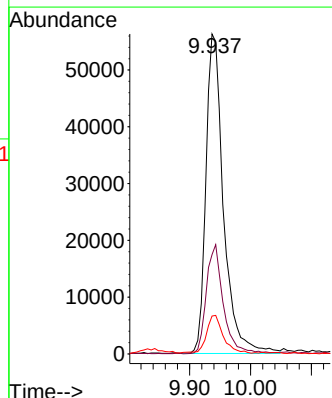
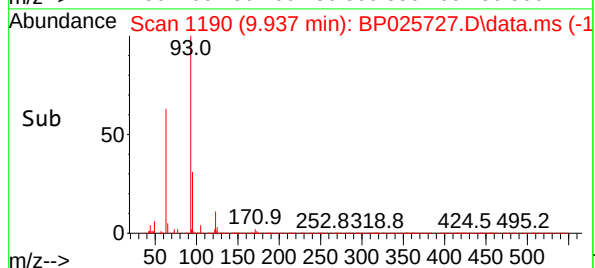
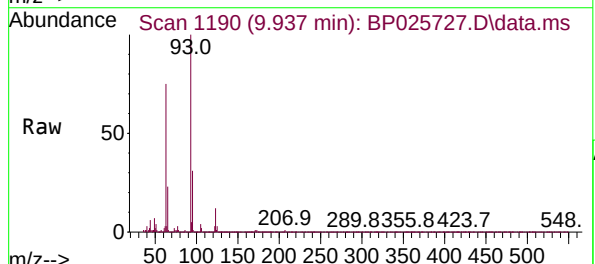
Manual Integrations
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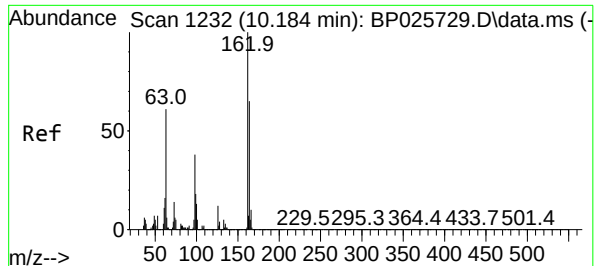
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#28
bis(2-Chloroethoxy)methane
Concen: 9.183 ng
RT: 9.937 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 93 Resp: 112758
Ion Ratio Lower Upper
93 100
95 31.0 25.6 38.4
123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 8.535 ng

RT: 10.207 min Scan# 1236

Delta R.T. 0.023 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

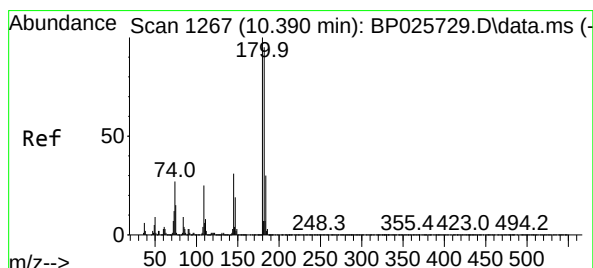
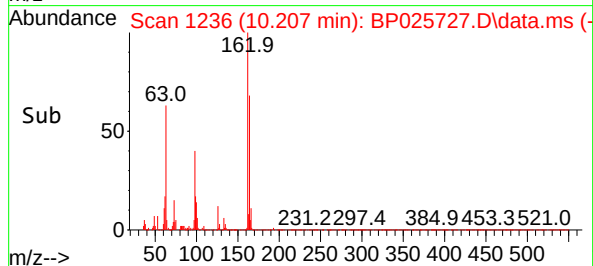
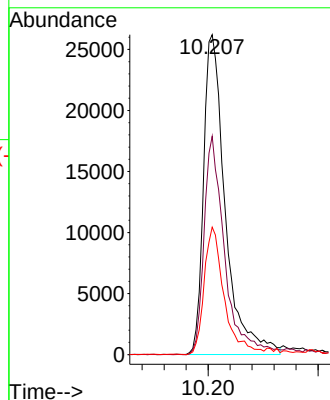
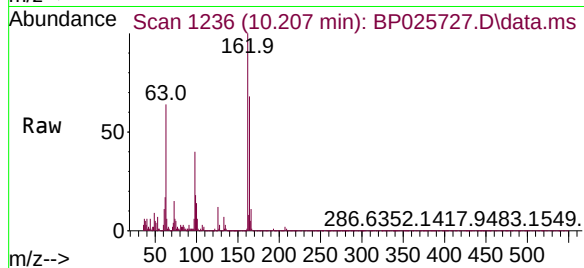
Tgt Ion:	162	Resp:	71856
Ion Ratio	Lower	Upper	
162	100		
164	68.2	44.7	84.7
98	39.8	18.1	58.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 9.419 ng

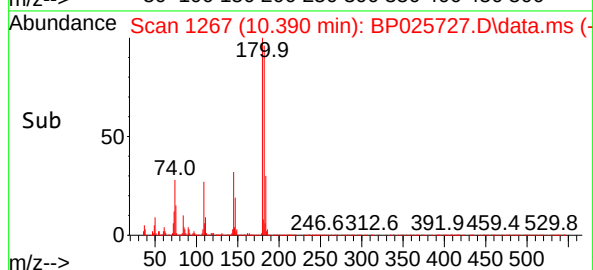
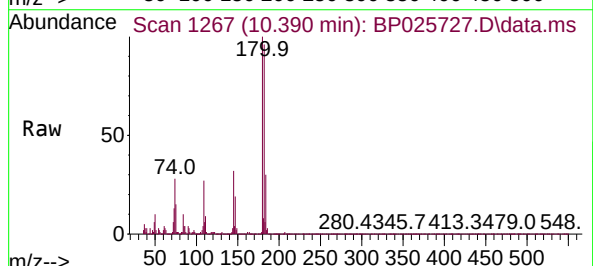
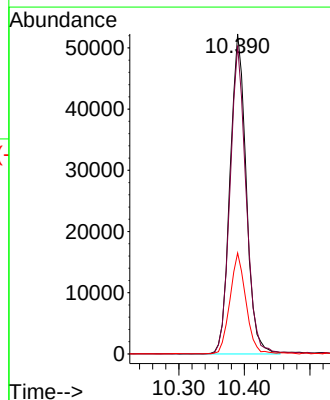
RT: 10.390 min Scan# 1267

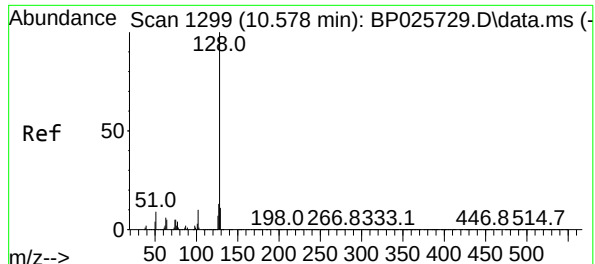
Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Tgt Ion:	180	Resp:	89376
Ion Ratio	Lower	Upper	
180	100		
182	96.3	76.0	114.0
145	31.5	24.7	37.1





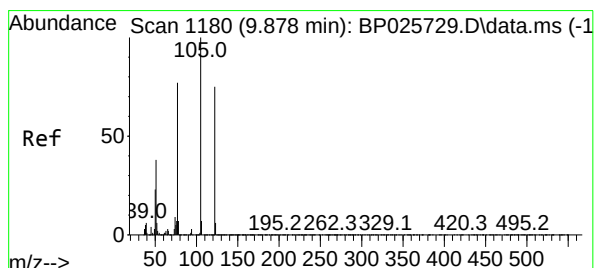
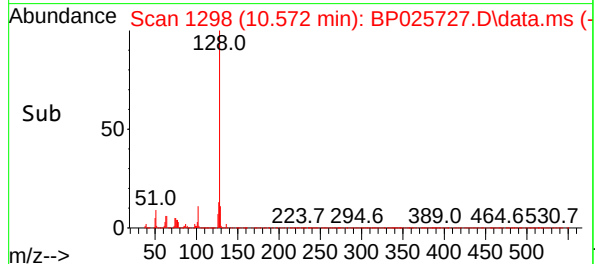
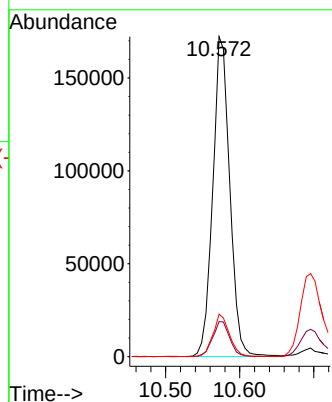
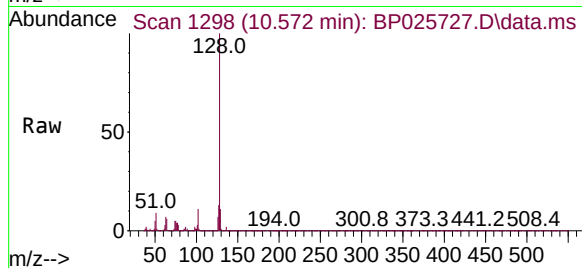
#31
Naphthalene
Concen: 9.533 ng
RT: 10.572 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 27400
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.3 10.2 15.4

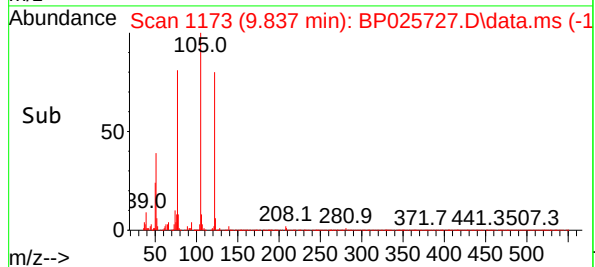
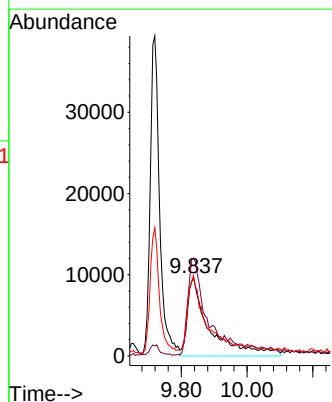
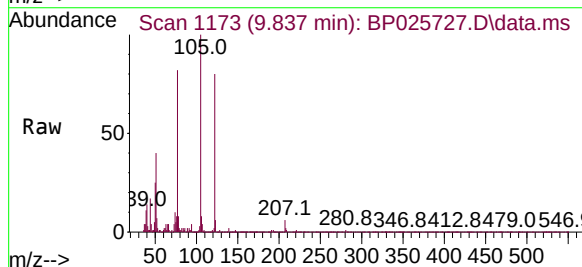
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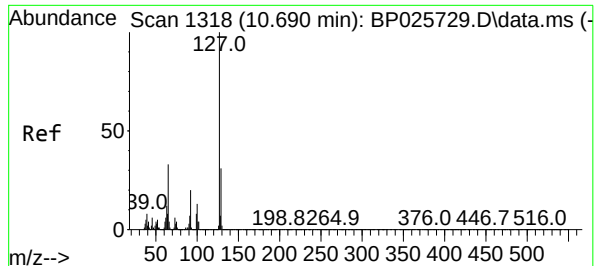
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#32
Benzoic acid
Concen: 7.198 ng m
RT: 9.837 min Scan# 1173
Delta R.T. -0.041 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

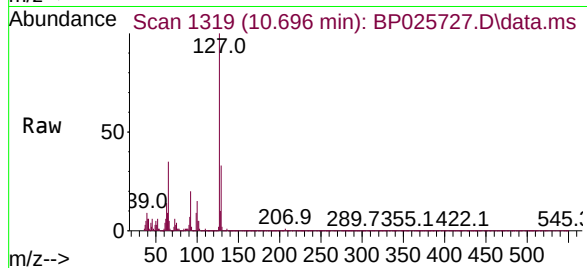
Tgt Ion:122 Resp: 45191
Ion Ratio Lower Upper
122 100
105 125.6 111.5 151.5
77 103.1 81.8 121.8





#33
4-Chloroaniline
Concen: 8.705 ng
RT: 10.696 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

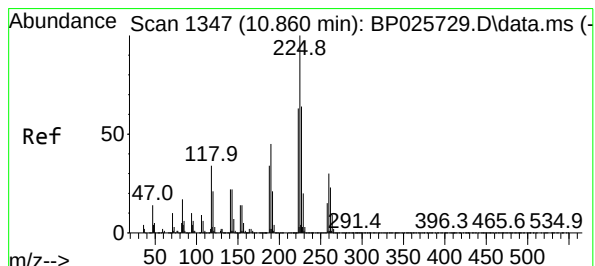
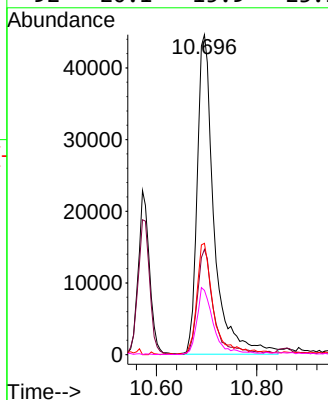
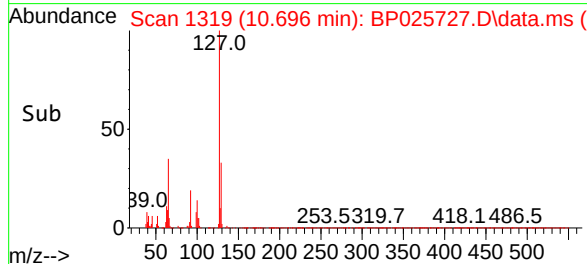
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:127 Resp: 10428
Ion Ratio Lower Upper
127 100
129 32.9 25.1 37.7
65 34.8 26.4 39.6
92 20.1 15.9 23.9

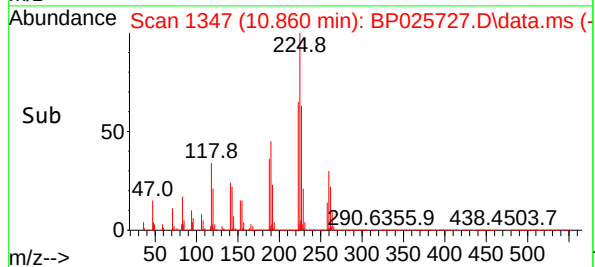
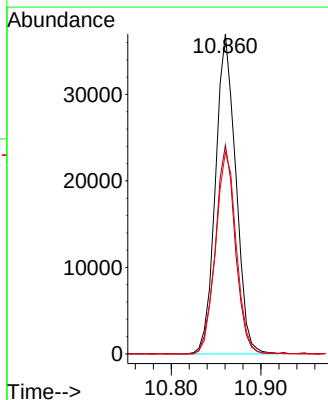
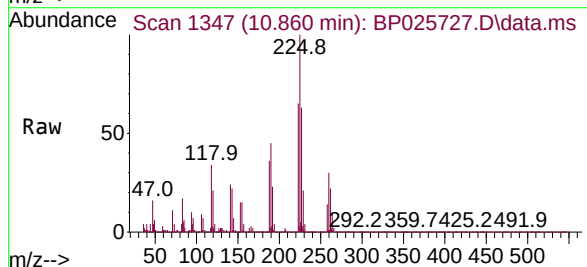
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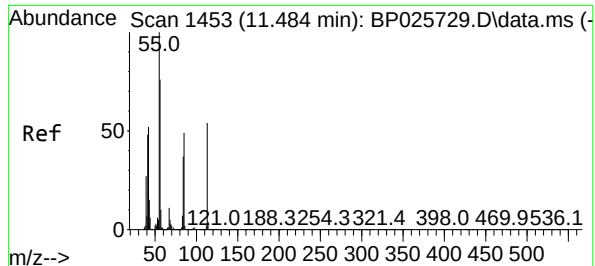
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#34
Hexachlorobutadiene
Concen: 9.541 ng
RT: 10.860 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

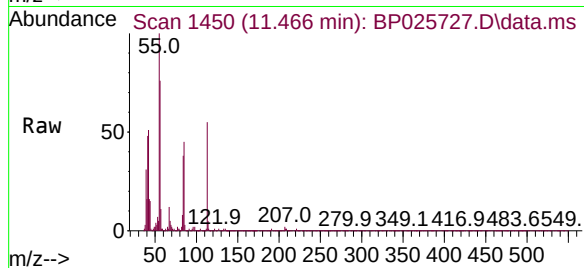
Tgt Ion:225 Resp: 58279
Ion Ratio Lower Upper
225 100
223 65.3 50.1 75.1
227 63.1 51.2 76.8





#35
Caprolactam
Concen: 8.645 ng m
RT: 11.466 min Scan# 1453
Delta R.T. -0.018 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

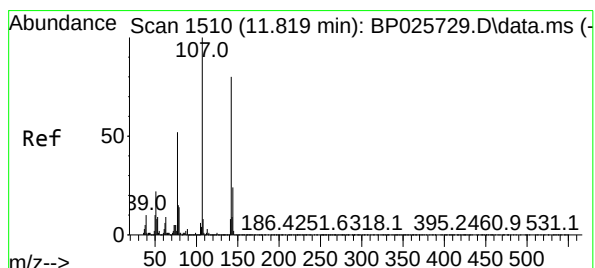
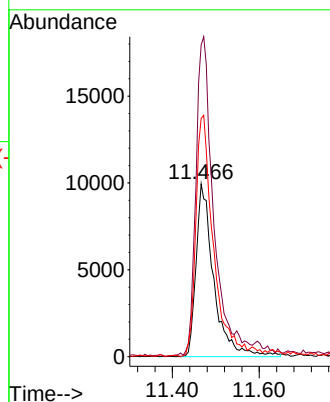
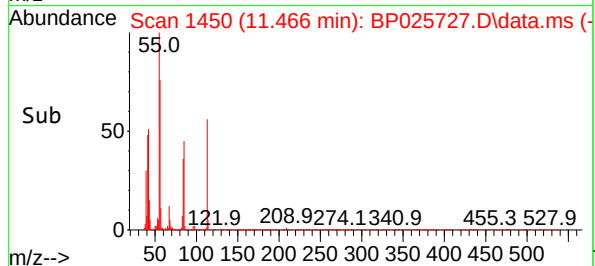
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:113 Resp: 28000
Ion Ratio Lower Upper
113 100
55 180.4 165.5 205.5
56 137.8 121.1 161.1

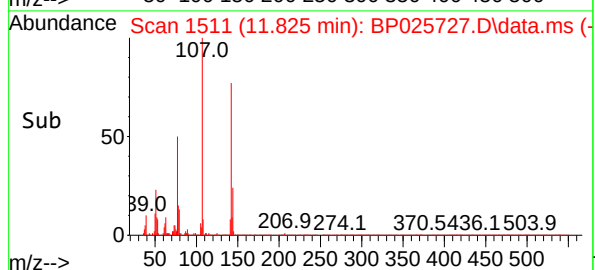
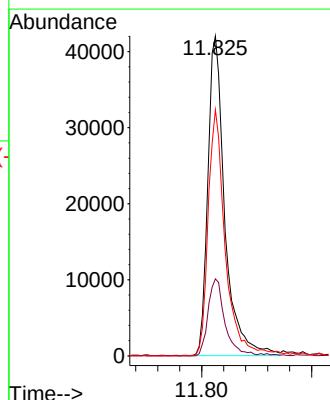
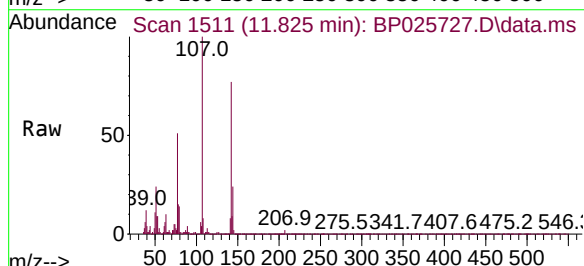
Manual Integrations
APPROVED

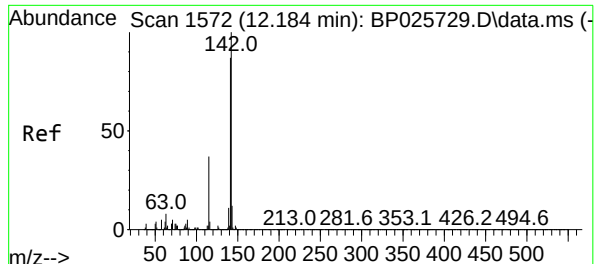
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#36
4-Chloro-3-methylphenol
Concen: 8.976 ng
RT: 11.825 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:107 Resp: 90104
Ion Ratio Lower Upper
107 100
144 24.1 19.4 29.2
142 76.9 63.8 95.6





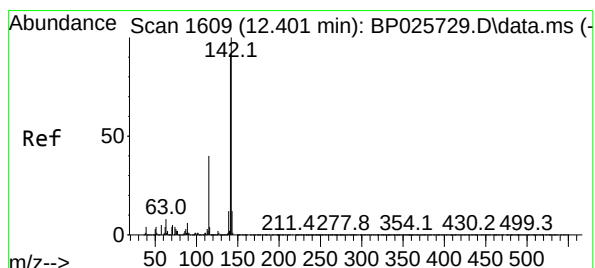
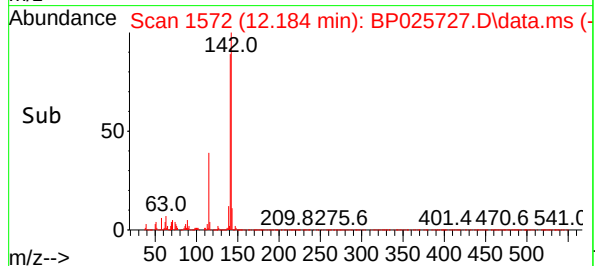
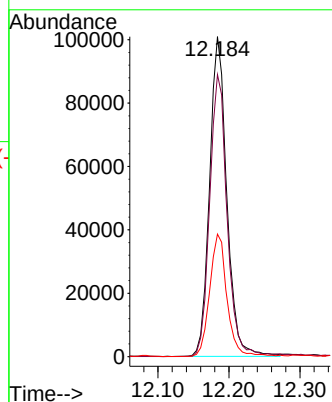
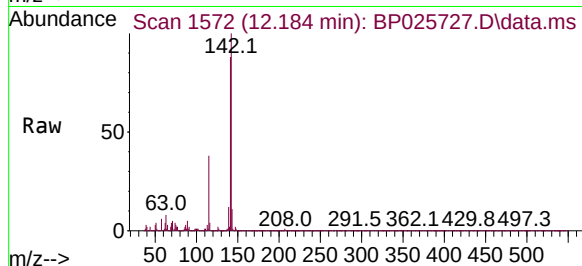
#37
2-Methylnaphthalene
Concen: 9.230 ng
RT: 12.184 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 170398
Ion Ratio Lower Upper
142 100
141 88.1 69.6 104.4
115 38.3 30.0 45.0

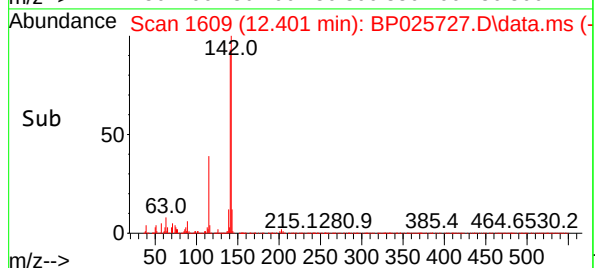
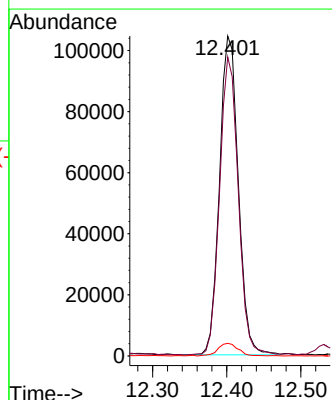
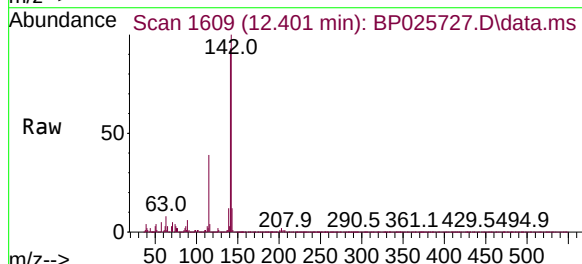
Manual Integrations
APPROVED

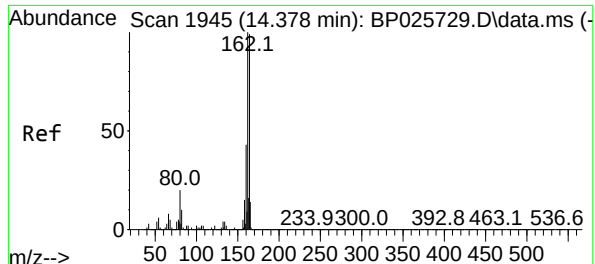
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#38
1-Methylnaphthalene
Concen: 9.353 ng
RT: 12.401 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:142 Resp: 184127
Ion Ratio Lower Upper
142 100
141 93.4 72.7 109.1
116 3.9 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.366 min Scan# 1945

Delta R.T. -0.012 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:164 Resp: 373569

Ion Ratio Lower Upper

164 100

162 98.6 80.6 120.8

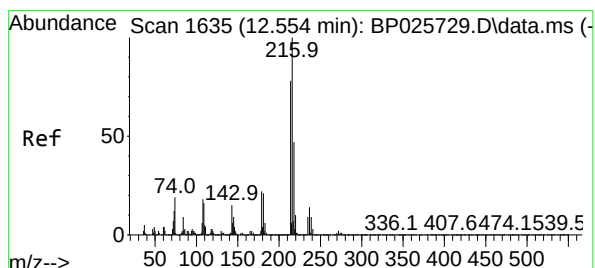
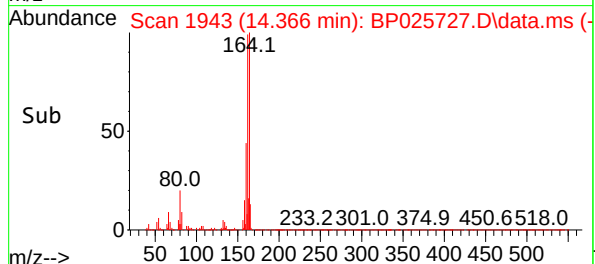
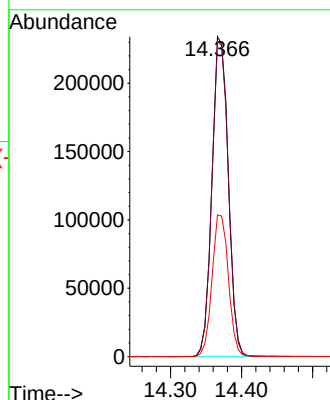
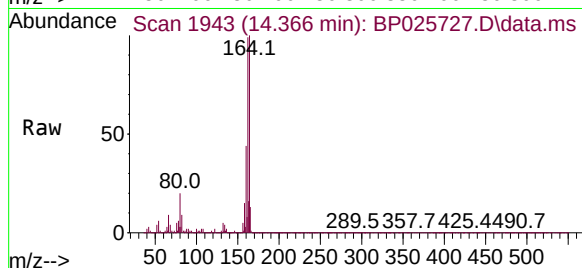
160 44.3 35.0 52.6

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.250 ng

RT: 12.554 min Scan# 1635

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Tgt Ion:216 Resp: 104709

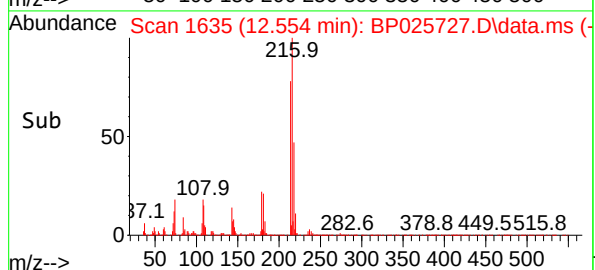
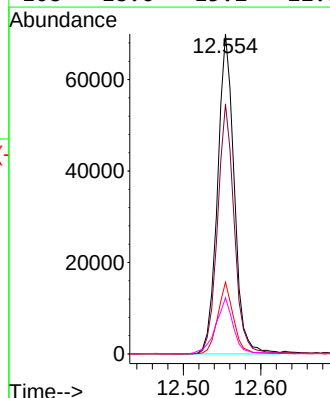
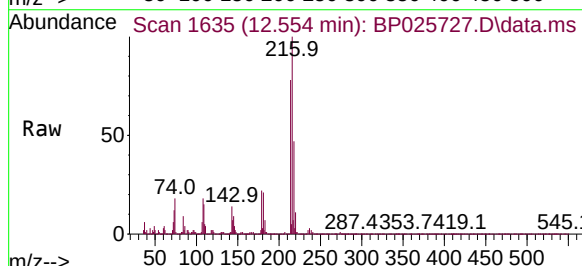
Ion Ratio Lower Upper

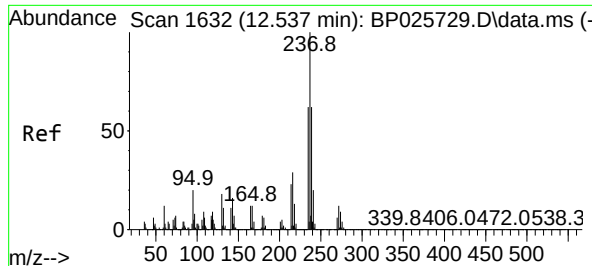
216 100

214 77.8 62.4 93.6

179 21.2 17.0 25.6

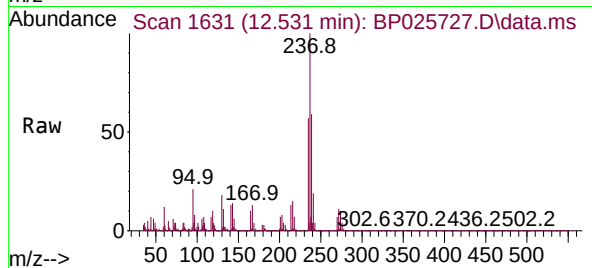
108 18.6 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 6.826 ng
RT: 12.531 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

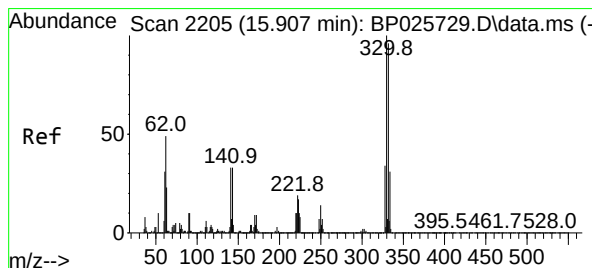
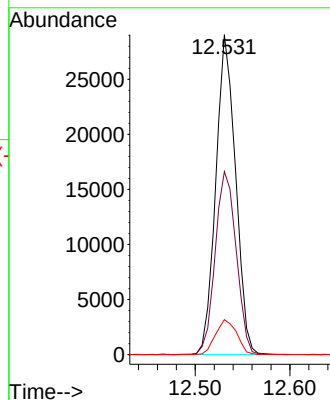
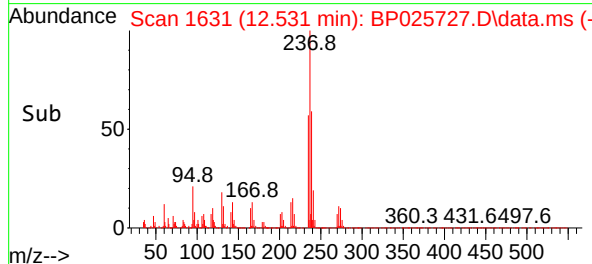
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 237 Resp: 4208
Ion Ratio Lower Upper
237 100
235 57.2 41.9 81.9
272 10.9 0.0 31.8

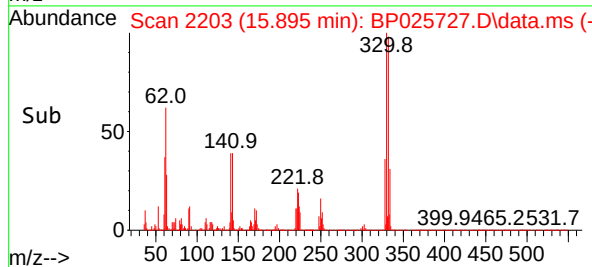
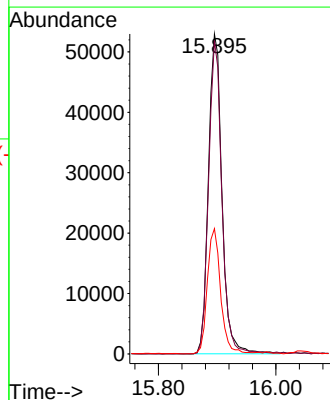
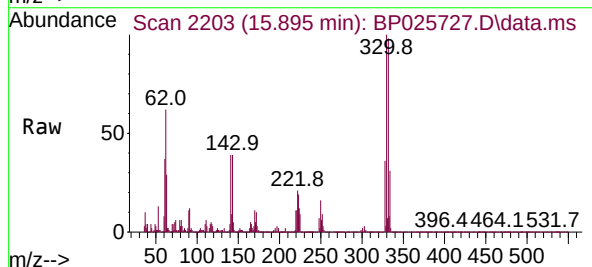
Manual Integrations
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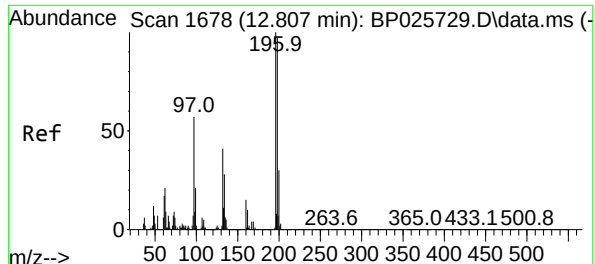
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#42
2,4,6-Tribromophenol
Concen: 18.207 ng
RT: 15.895 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 330 Resp: 84835
Ion Ratio Lower Upper
330 100
332 95.7 76.9 115.3
141 38.5 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 8.877 ng

RT: 12.807 min Scan# 1678

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:196 Resp: 66063

Ion Ratio Lower Upper

196 100

198 95.7 77.2 115.8

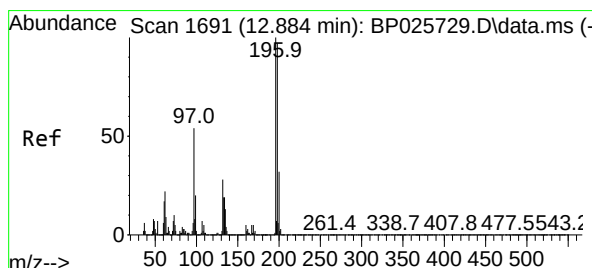
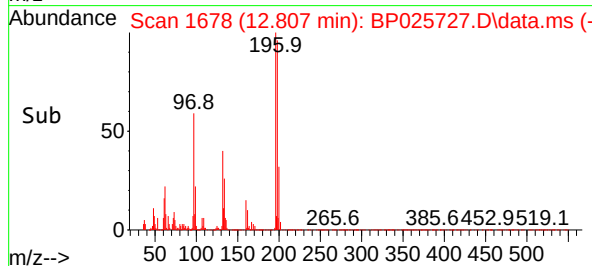
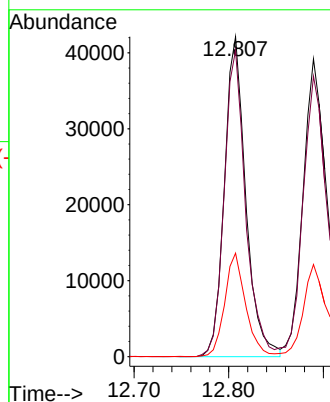
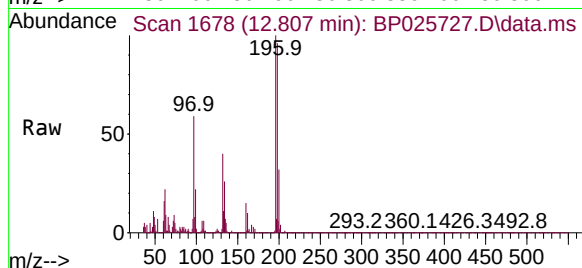
200 32.3 24.2 36.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#44

2,4,5-Trichlorophenol

Concen: 8.763 ng

RT: 12.890 min Scan# 1692

Delta R.T. 0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Tgt Ion:196 Resp: 72578

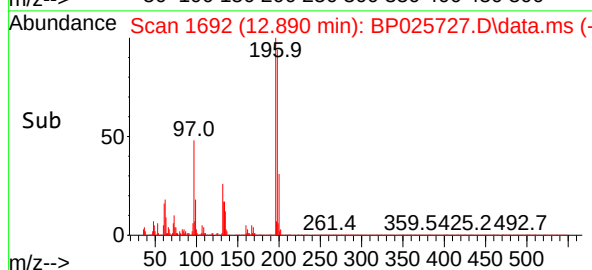
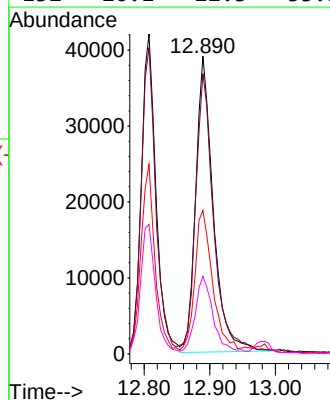
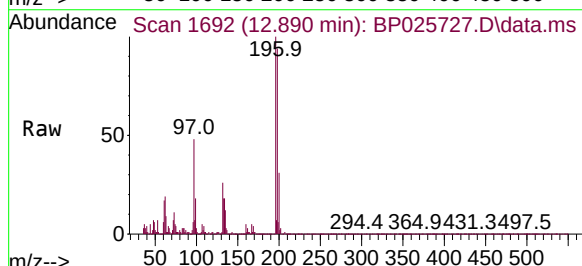
Ion Ratio Lower Upper

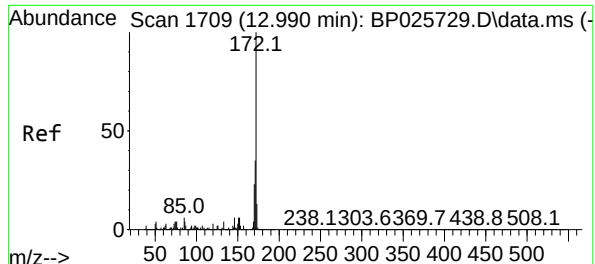
196 100

198 94.2 77.8 116.8

97 48.2 43.3 64.9

132 26.1 22.3 33.5





#45

2-Fluorobiphenyl

Concen: 19.568 ng

RT: 12.984 min Scan# 1708

Delta R.T. -0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:172 Resp: 548995

Ion Ratio Lower Upper

172 100

171 34.0 27.8 41.6

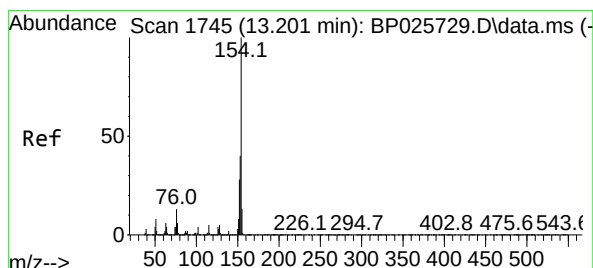
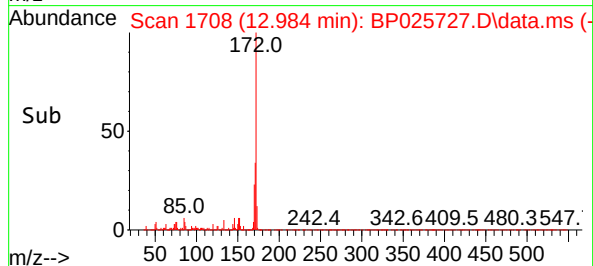
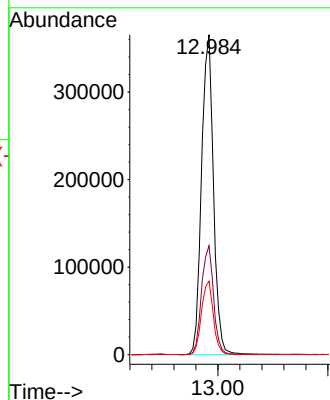
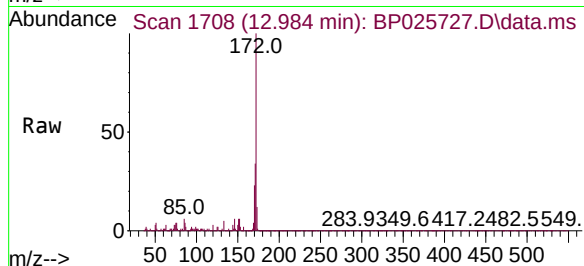
170 23.0 18.6 27.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#46

1,1'-Biphenyl

Concen: 9.370 ng

RT: 13.195 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

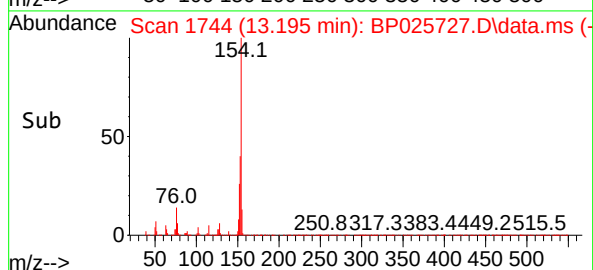
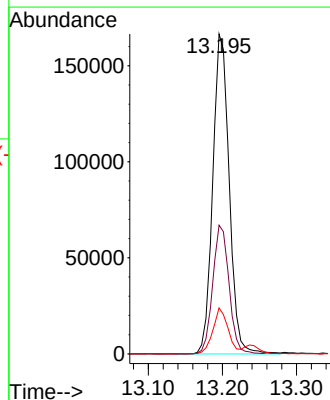
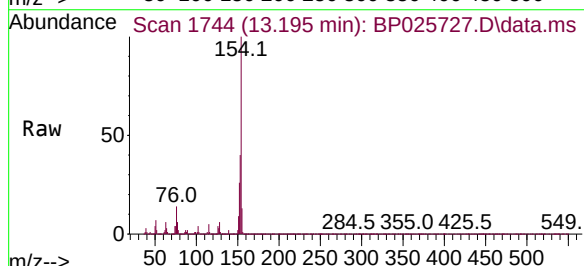
Tgt Ion:154 Resp: 256914

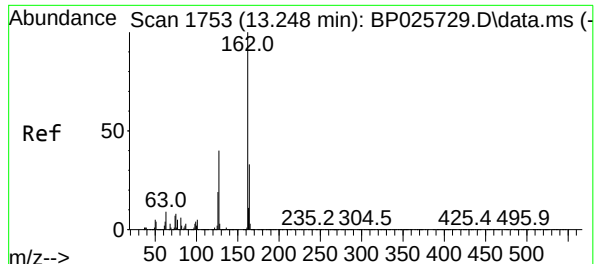
Ion Ratio Lower Upper

154 100

153 40.2 19.7 59.7

76 14.4 0.0 33.3





#47

2-Chloronaphthalene

Concen: 9.432 ng

RT: 13.242 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 203648

Ion Ratio Lower Upper

162 100

127 40.5 32.2 48.4

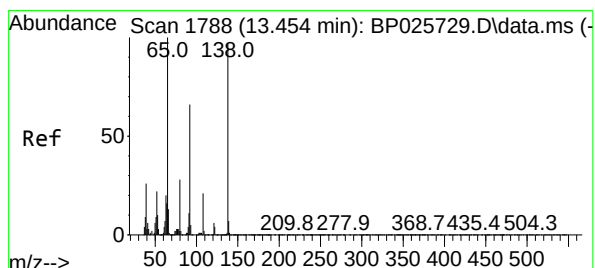
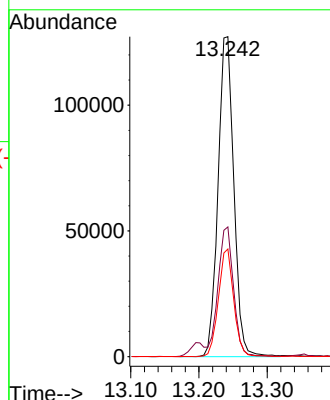
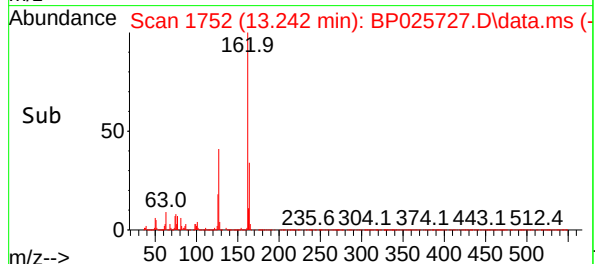
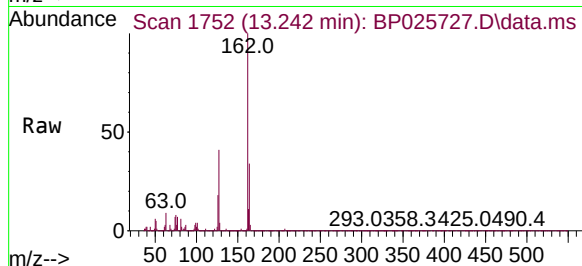
164 33.6 26.5 39.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#48

2-Nitroaniline

Concen: 8.613 ng

RT: 13.454 min Scan# 1788

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

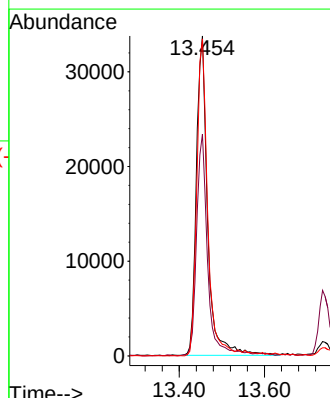
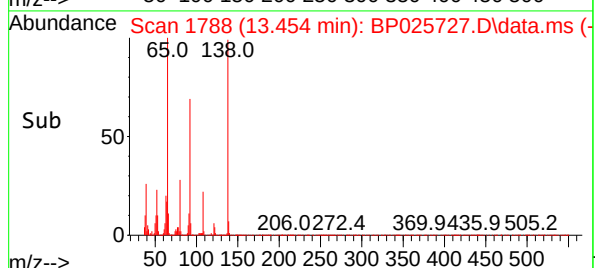
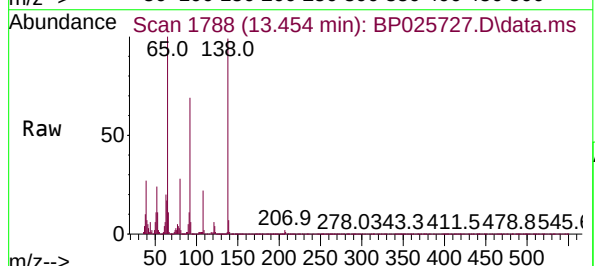
Tgt Ion: 65 Resp: 61991

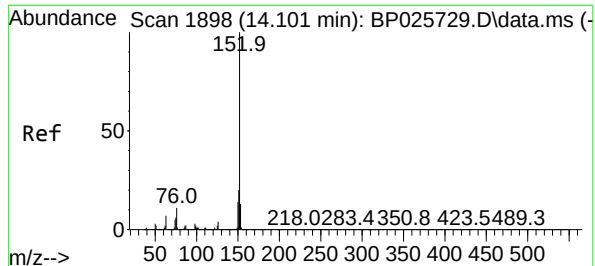
Ion Ratio Lower Upper

65 100

92 69.3 53.1 79.7

138 99.1 77.8 116.8





#49

Acenaphthylene

Concen: 9.354 ng

RT: 14.089 min Scan# 1898

Delta R.T. -0.012 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:152 Resp: 334623

Ion Ratio Lower Upper

152 100

151 19.1 15.8 23.6

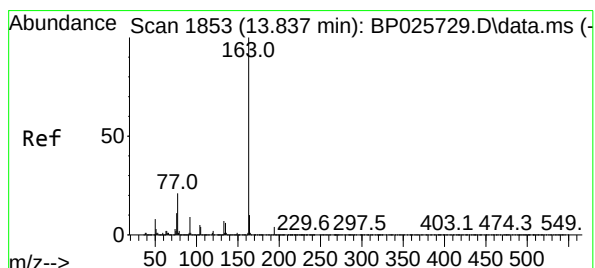
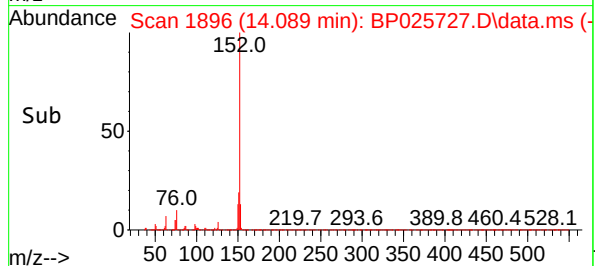
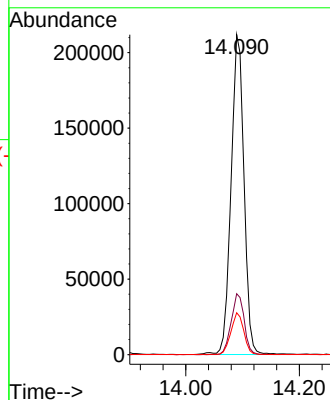
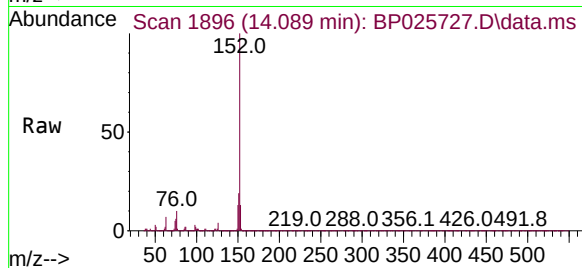
153 13.1 10.5 15.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#50

Dimethylphthalate

Concen: 9.387 ng

RT: 13.825 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

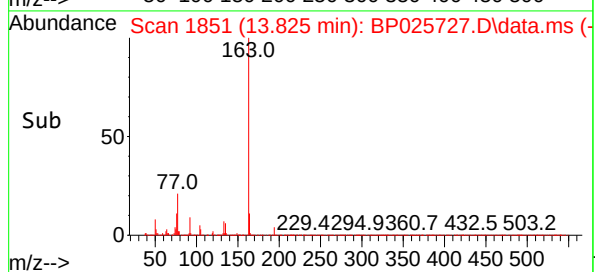
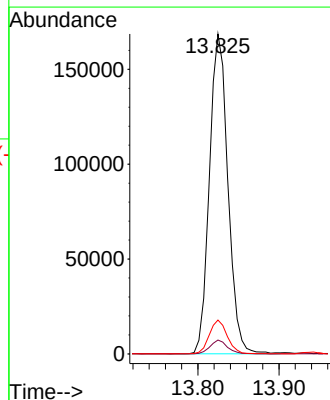
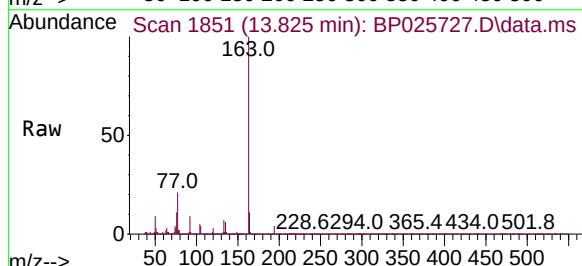
Tgt Ion:163 Resp: 267725

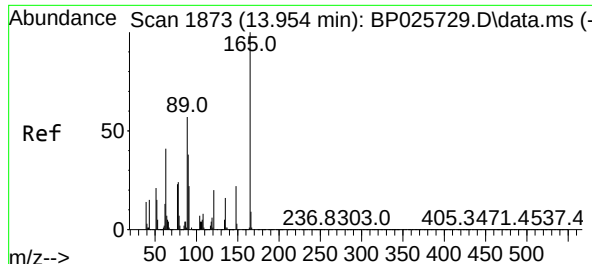
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.6 8.2 12.2





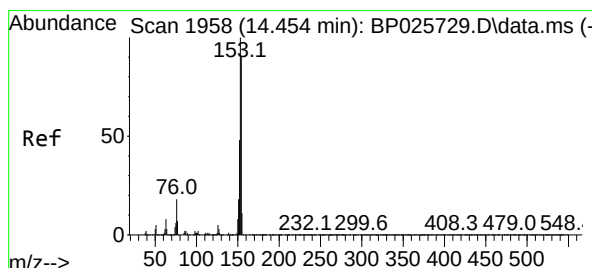
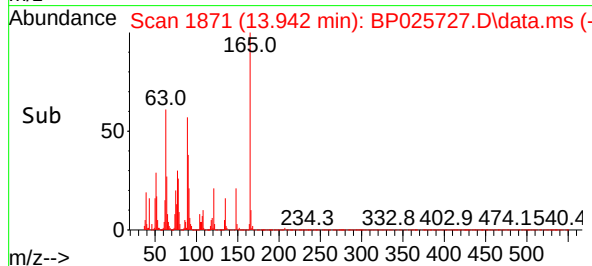
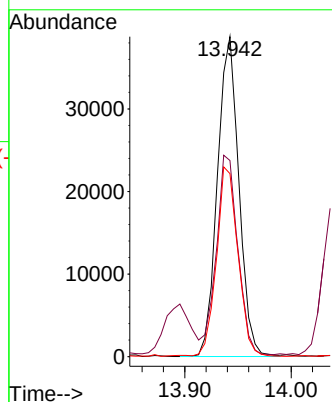
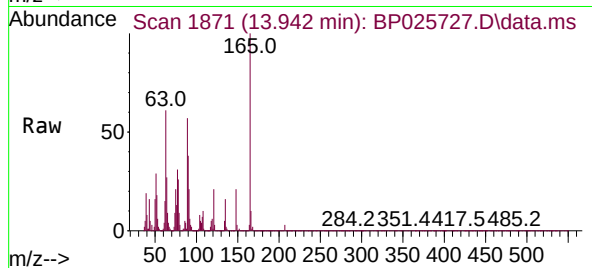
#51
2,6-Dinitrotoluene
Concen: 9.005 ng
RT: 13.942 min Scan# 1873
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 54414
Ion Ratio Lower Upper
165 100
63 61.3 48.1 72.1
89 57.2 45.4 68.0

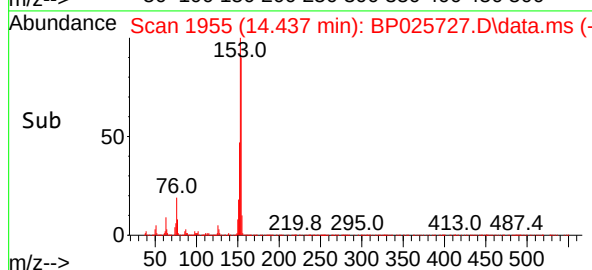
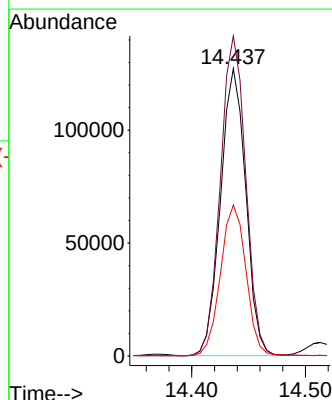
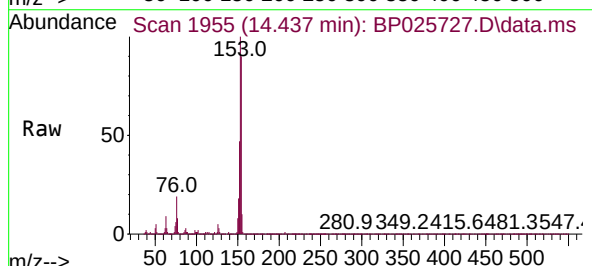
Manual Integrations
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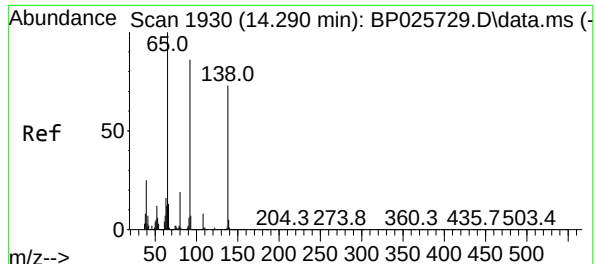
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#52
Acenaphthene
Concen: 9.523 ng
RT: 14.437 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

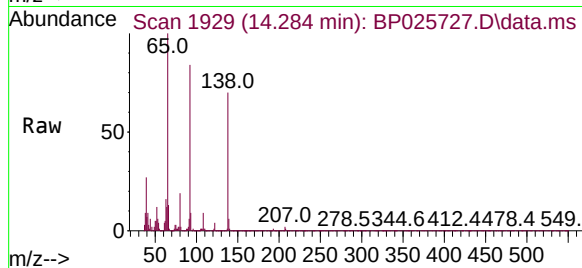
Tgt Ion:154 Resp: 196467
Ion Ratio Lower Upper
154 100
153 111.4 89.4 134.0
152 52.5 42.5 63.7





#53
3-Nitroaniline
Concen: 8.285 ng
RT: 14.284 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

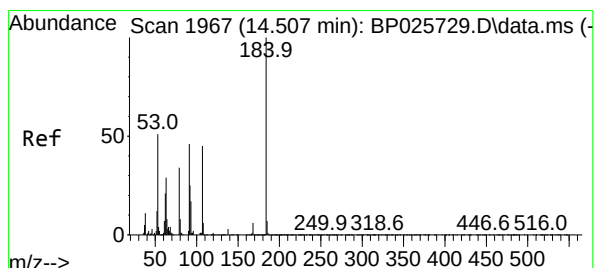
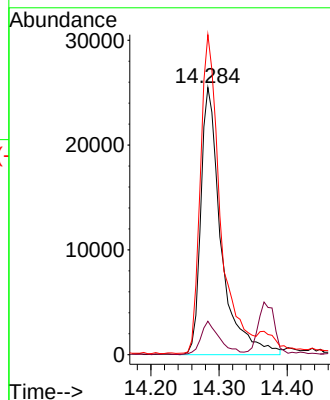
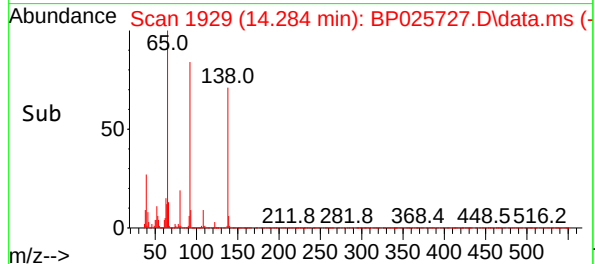
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:138 Resp: 52642
Ion Ratio Lower Upper
138 100
108 12.5 8.7 13.1
92 119.8 94.6 142.0

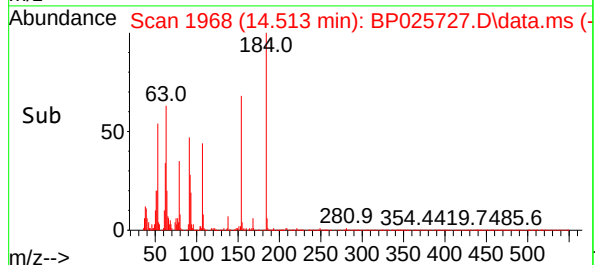
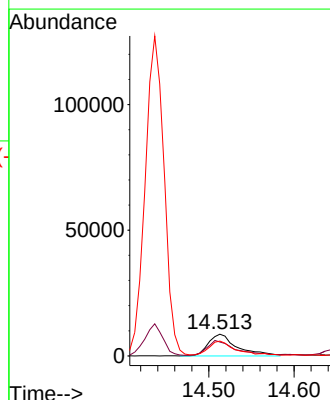
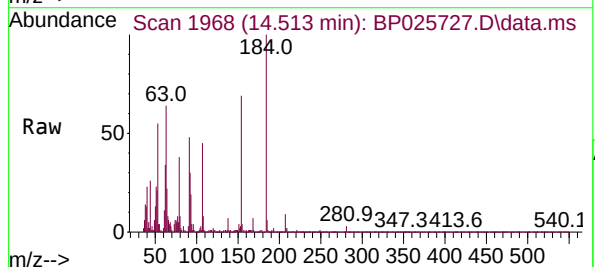
Manual Integrations
APPROVED

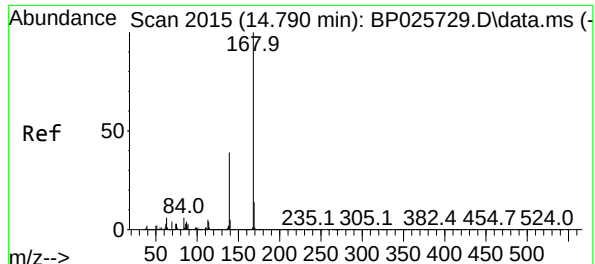
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#54
2,4-Dinitrophenol
Concen: 9.658 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

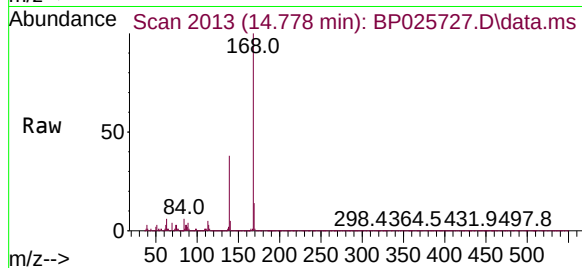
Tgt Ion:184 Resp: 20208
Ion Ratio Lower Upper
184 100
63 64.2 52.5 78.7
154 68.6 51.5 77.3





#55
Dibenzenofuran
Concen: 9.743 ng
RT: 14.778 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

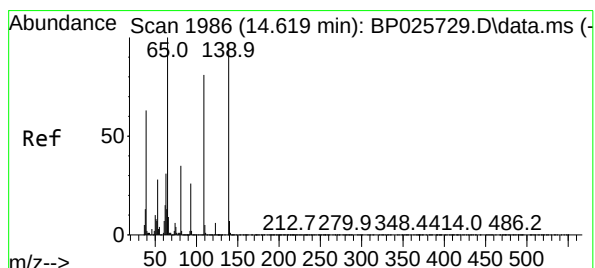
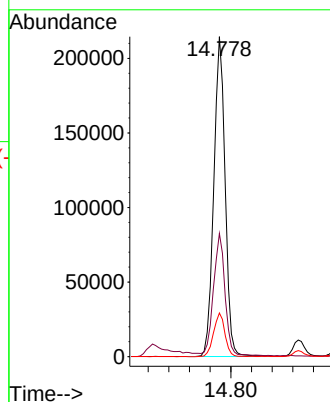
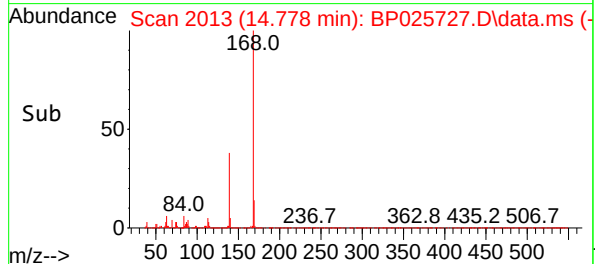
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:168 Resp: 32760
Ion Ratio Lower Upper
168 100
139 38.5 31.7 47.5
169 13.6 10.8 16.2

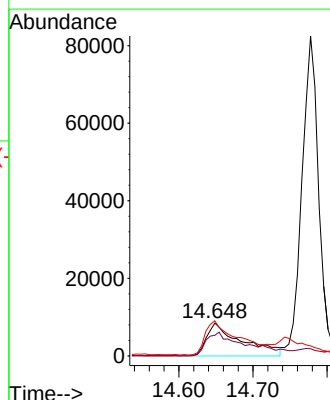
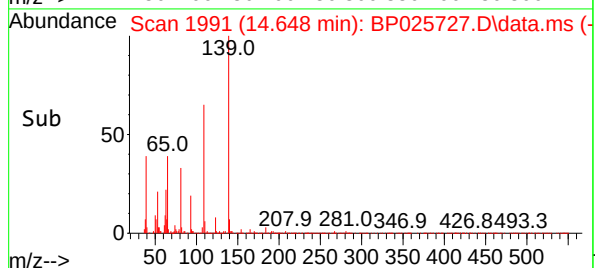
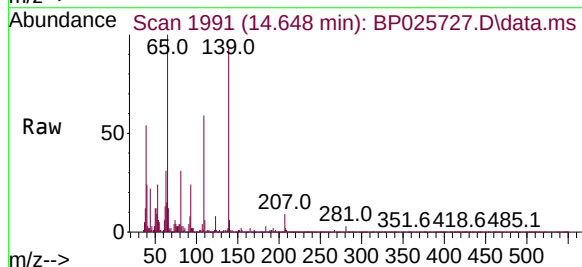
Manual Integrations
APPROVED

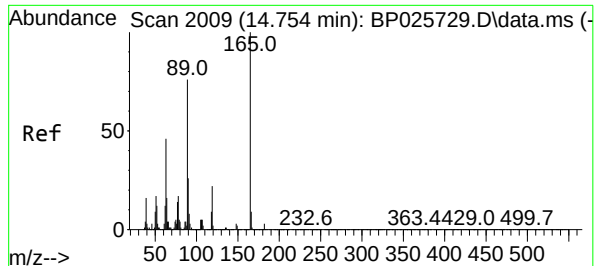
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#56
4-Nitrophenol
Concen: 9.243 ng
RT: 14.648 min Scan# 1991
Delta R.T. 0.029 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:139 Resp: 27599
Ion Ratio Lower Upper
139 100
109 63.0 62.9 102.9
65 107.6 83.4 123.4





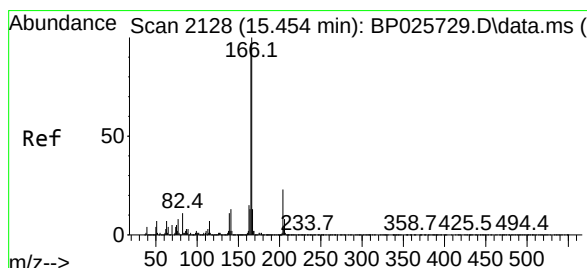
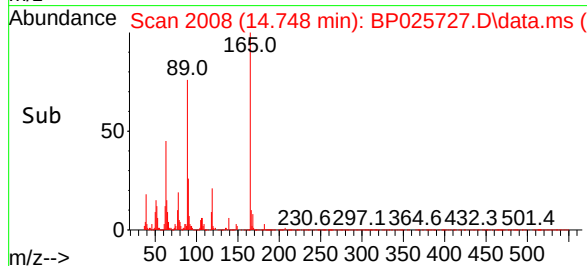
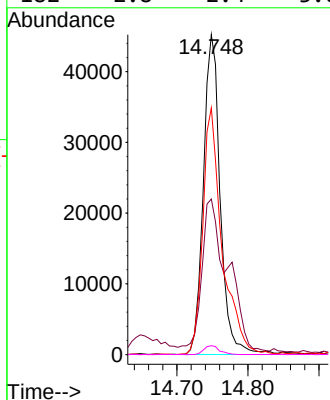
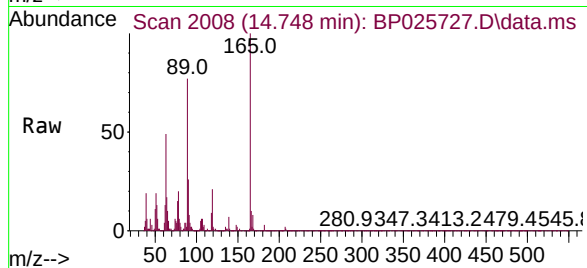
#57
2,4-Dinitrotoluene
Concen: 8.639 ng
RT: 14.748 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 74291
Ion Ratio Lower Upper
165 100
63 48.6 37.7 56.5
89 77.1 61.0 91.6
182 2.8 2.4 3.6

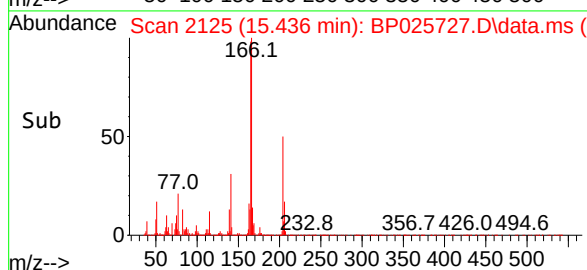
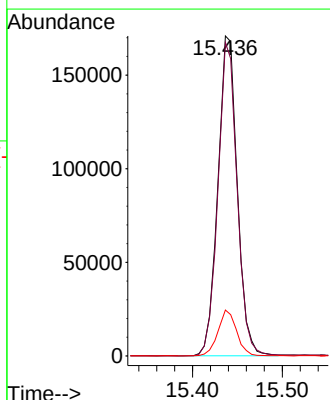
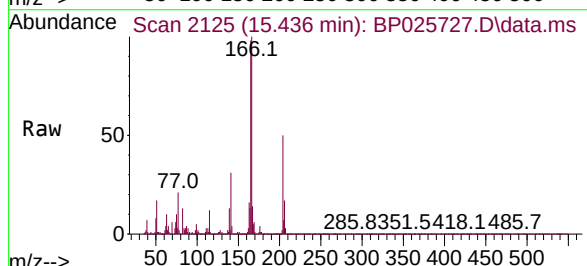
Manual Integrations
APPROVED

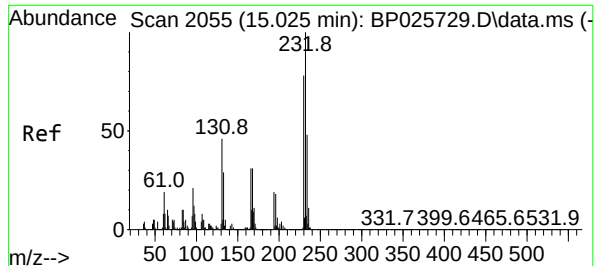
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#58
Fluorene
Concen: 9.654 ng
RT: 15.436 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:166 Resp: 258111
Ion Ratio Lower Upper
166 100
165 97.9 77.7 116.5
167 14.3 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.034 ng

RT: 15.013 min Scan# 2053

Delta R.T. -0.012 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:232 Resp: 67402

Ion Ratio Lower Upper

232 100

131 46.1 36.7 55.1

130 2.7 2.0 3.0

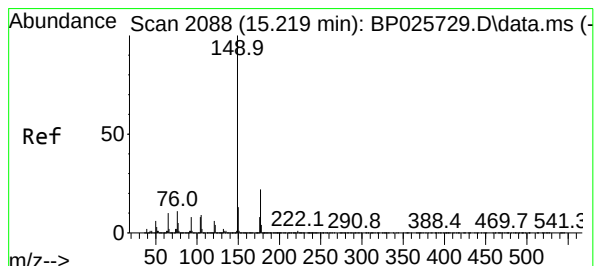
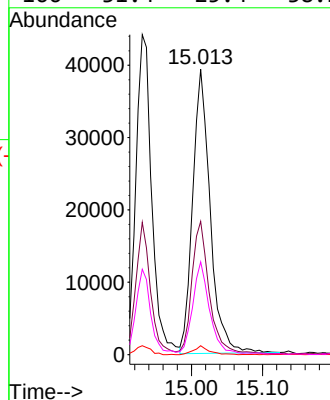
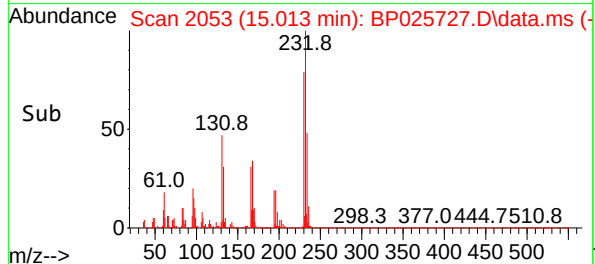
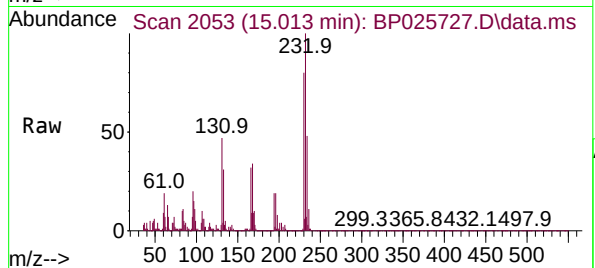
166 31.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#60

Diethylphthalate

Concen: 9.505 ng

RT: 15.213 min Scan# 2087

Delta R.T. -0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

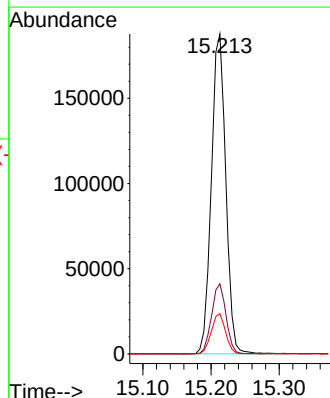
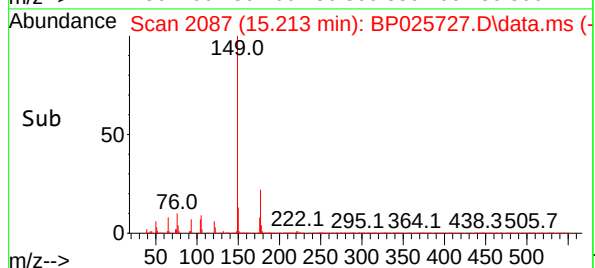
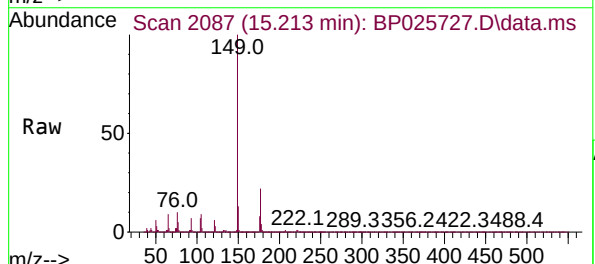
Tgt Ion:149 Resp: 274993

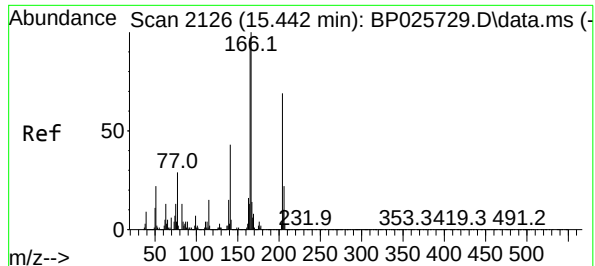
Ion Ratio Lower Upper

149 100

177 21.9 17.7 26.5

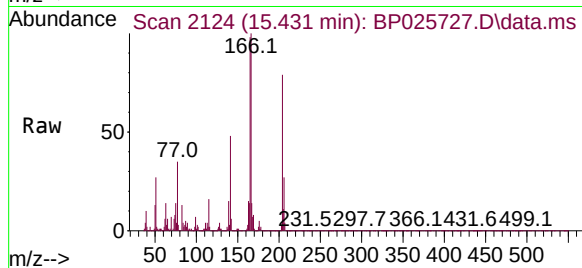
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 9.689 ng
RT: 15.431 min Scan# 2112
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

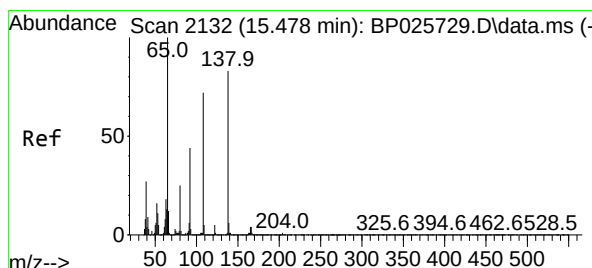
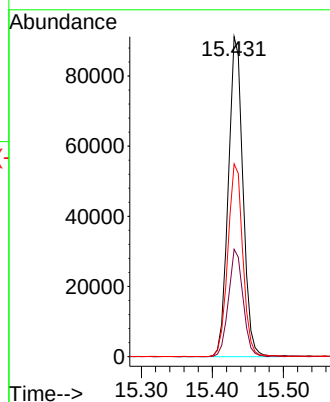
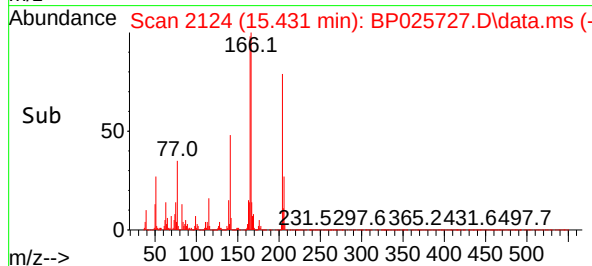
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 204 Resp: 130552
Ion Ratio Lower Upper
204 100
206 33.5 26.0 39.0
141 60.2 49.7 74.5

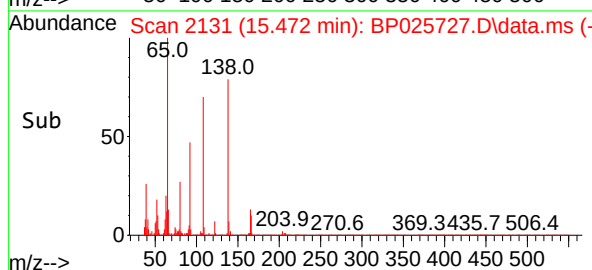
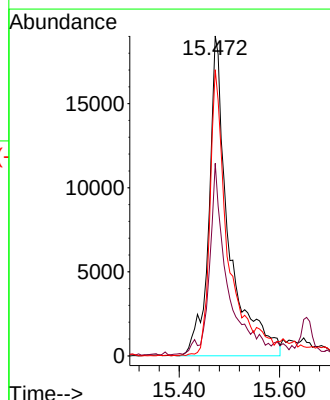
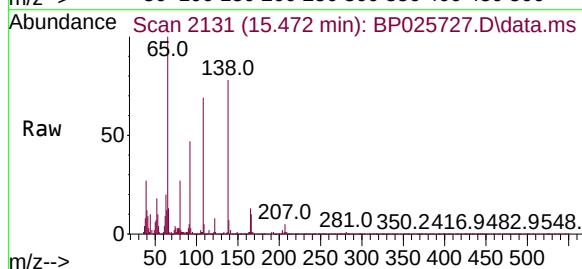
Manual Integrations
APPROVED

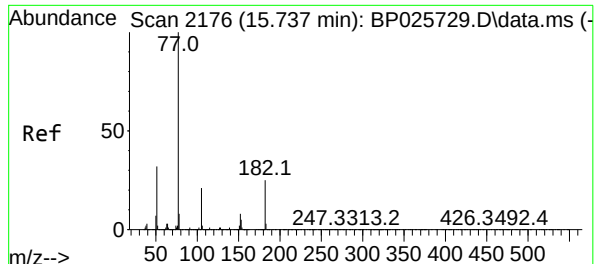
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#62
4-Nitroaniline
Concen: 8.082 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

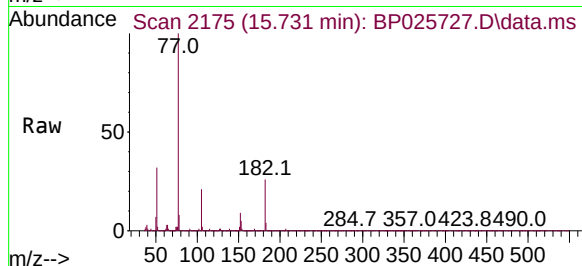
Tgt Ion: 138 Resp: 52570
Ion Ratio Lower Upper
138 100
92 60.2 33.3 73.3
108 89.4 66.7 106.7





#63
Azobenzene
Concen: 9.235 ng
RT: 15.731 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

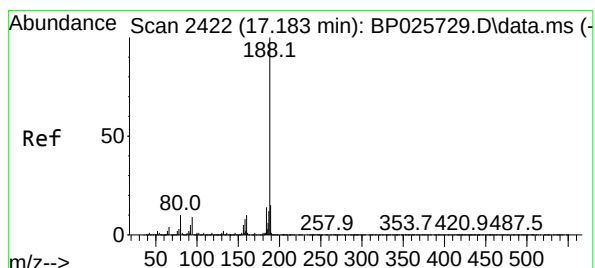
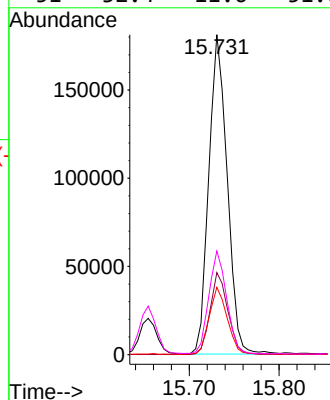
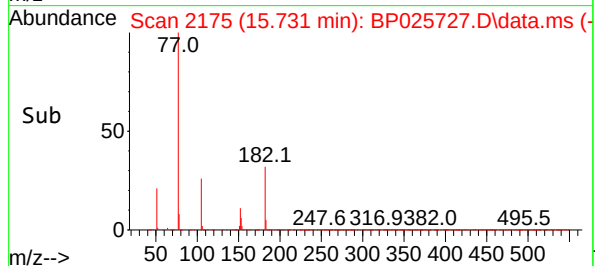
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 258320
Ion Ratio Lower Upper
77 100
182 25.6 5.2 45.2
105 21.0 1.1 41.1
51 32.4 11.6 51.6

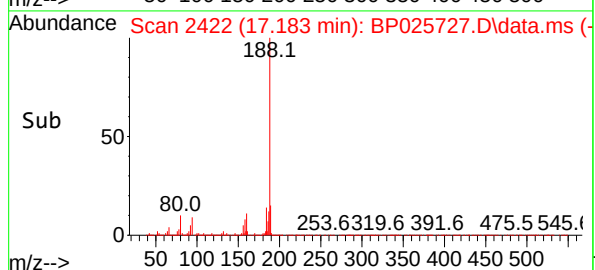
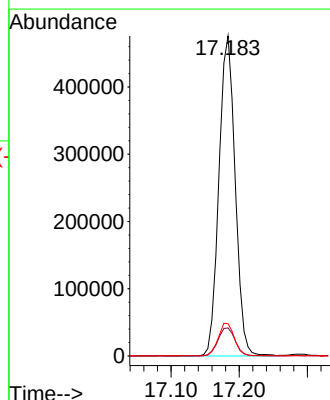
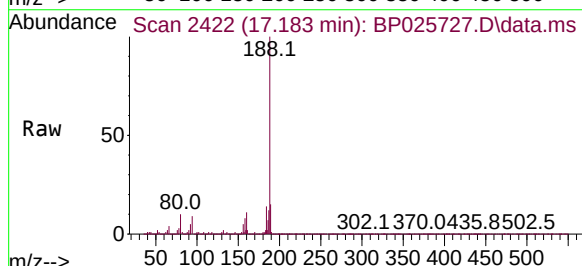
Manual Integrations
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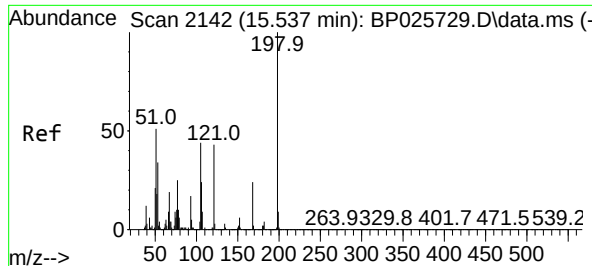
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:188 Resp: 783581
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.0
80 10.1 7.7 11.5





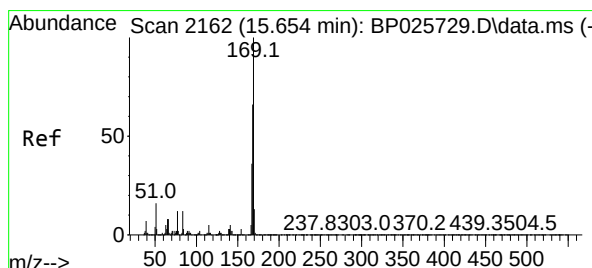
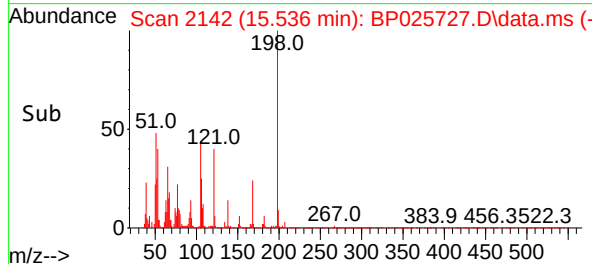
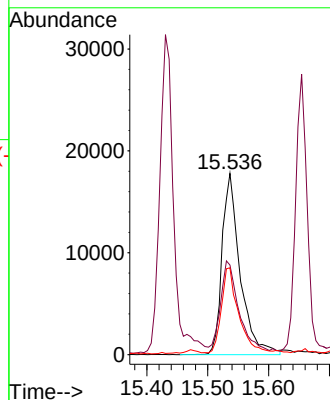
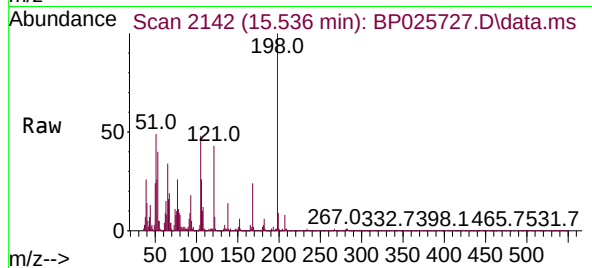
#65
4,6-Dinitro-2-methylphenol
Concen: 7.026 ng
RT: 15.536 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 36614
Ion Ratio Lower Upper
198 100
51 49.4 33.4 73.4
105 47.9 24.3 64.3

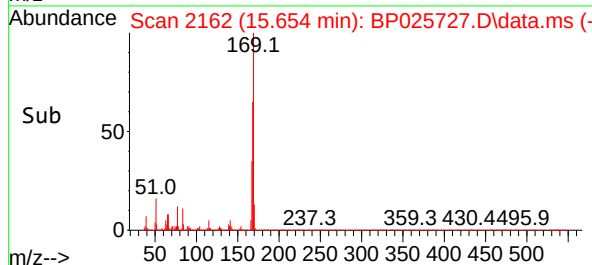
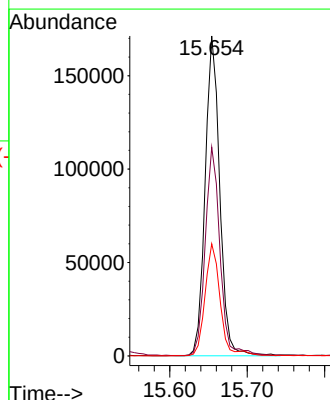
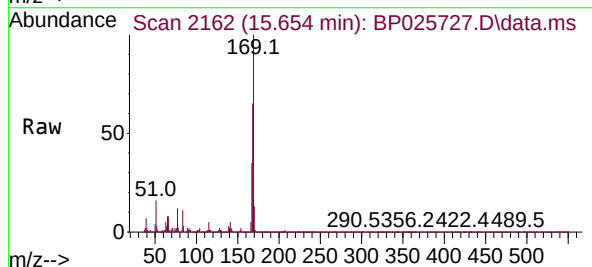
Manual Integrations
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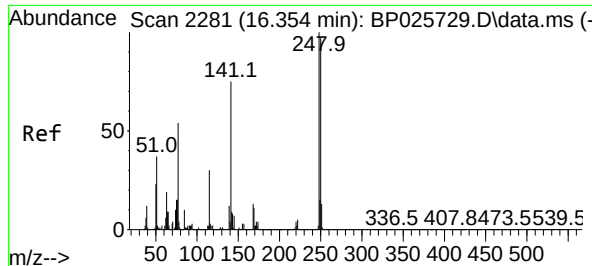
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#66
n-Nitrosodiphenylamine
Concen: 9.369 ng
RT: 15.654 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

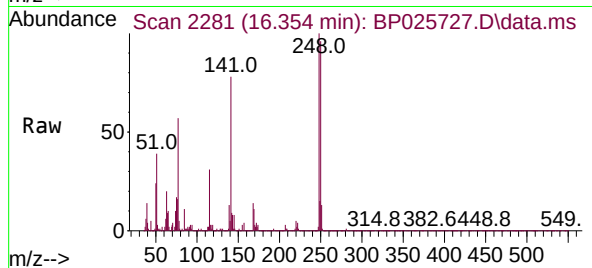
Tgt Ion:169 Resp: 224671
Ion Ratio Lower Upper
169 100
168 65.2 52.6 78.8
167 35.0 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 9.206 ng
RT: 16.354 min Scan# 2281
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

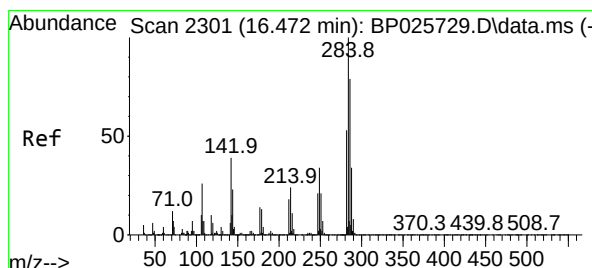
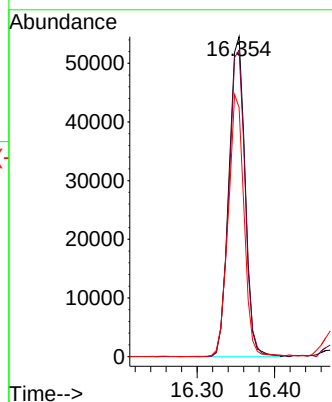
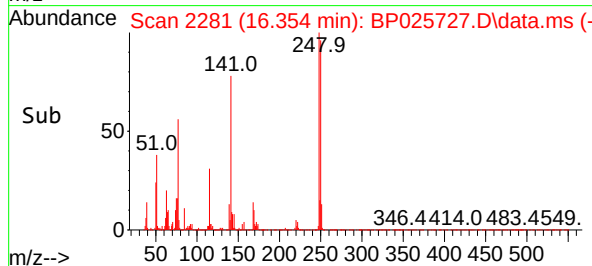
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:248 Resp: 79245
Ion Ratio Lower Upper
248 100
250 95.7 77.5 116.3
141 77.9 60.2 90.4

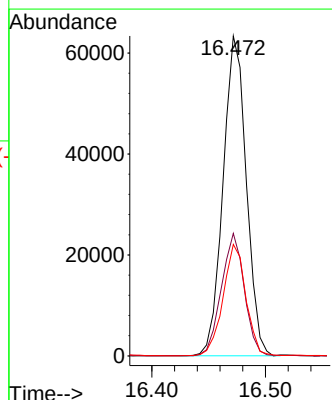
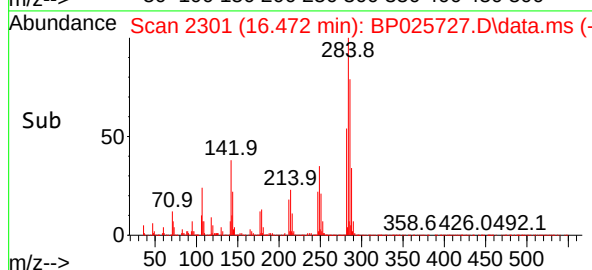
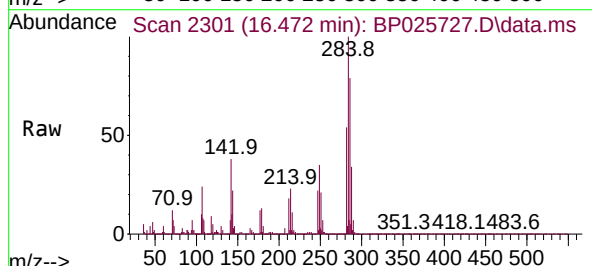
Manual Integrations
APPROVED

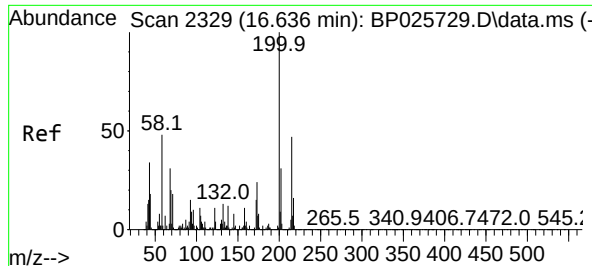
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#68
Hexachlorobenzene
Concen: 9.379 ng
RT: 16.472 min Scan# 2301
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

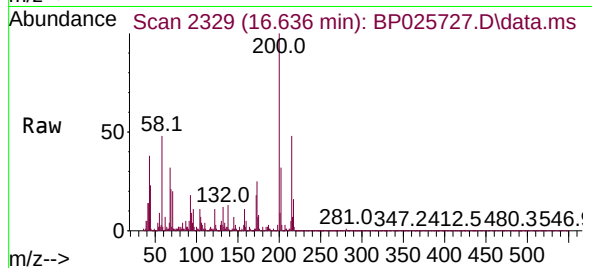
Tgt Ion:284 Resp: 90039
Ion Ratio Lower Upper
284 100
142 38.3 31.3 46.9
249 34.8 27.3 40.9





#69
Atrazine
Concen: 8.965 ng
RT: 16.636 min Scan# 2329
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

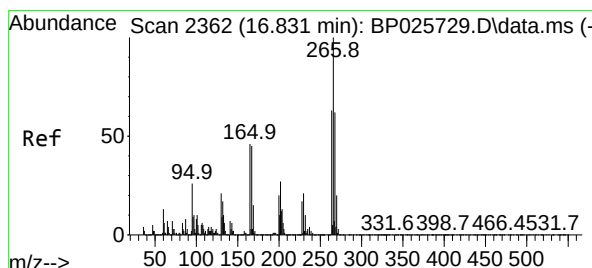
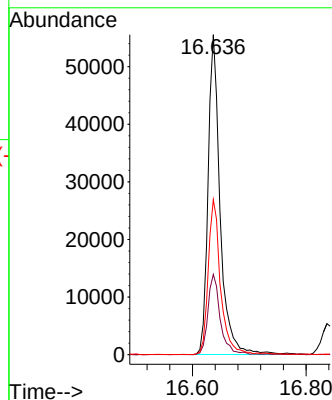
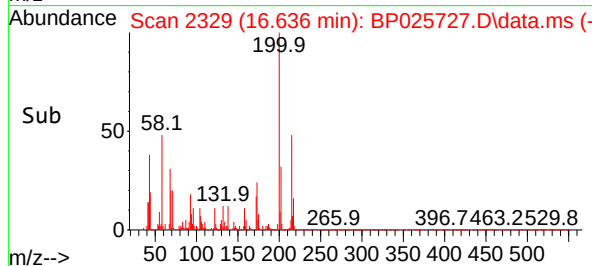
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:200 Resp: 82175
Ion Ratio Lower Upper
200 100
173 25.1 4.2 44.2
215 48.4 27.3 67.3

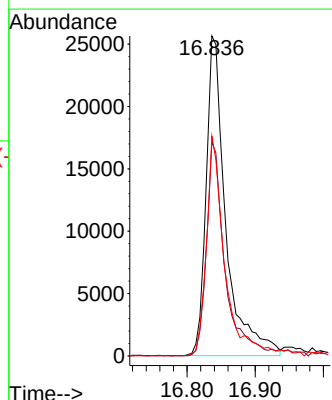
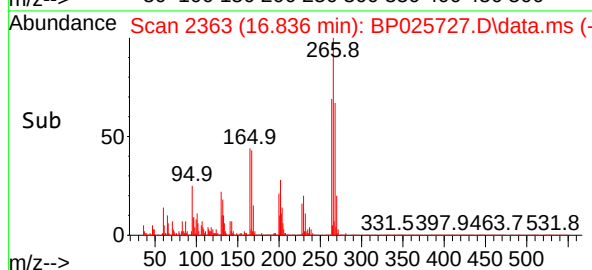
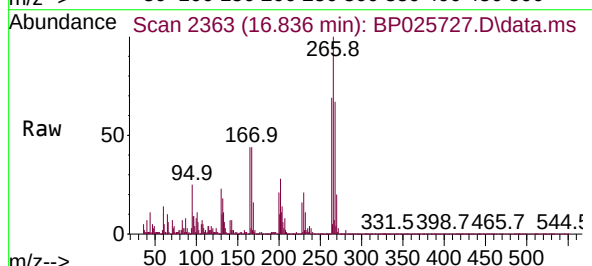
Manual Integrations
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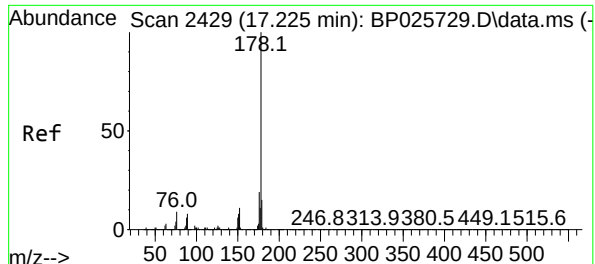
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#70
Pentachlorophenol
Concen: 8.150 ng
RT: 16.836 min Scan# 2363
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:266 Resp: 51635
Ion Ratio Lower Upper
266 100
268 66.9 49.8 74.8
264 68.6 50.2 75.2





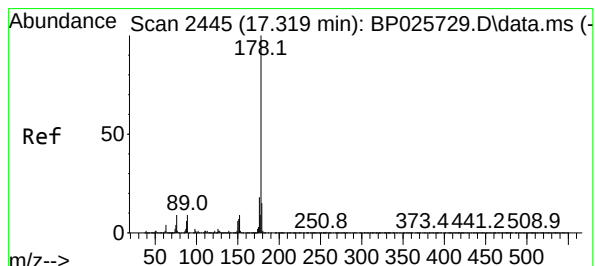
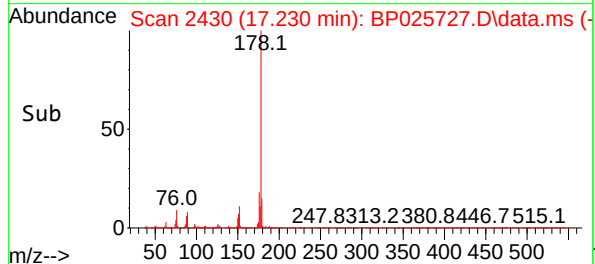
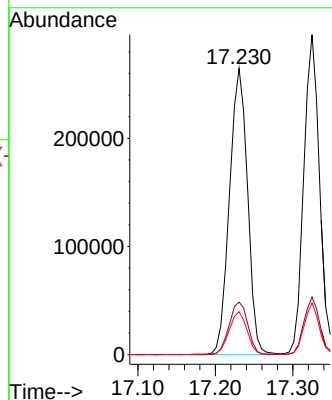
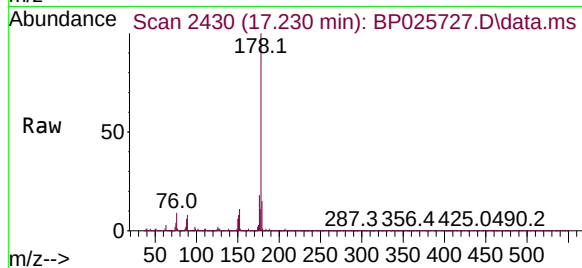
#71
Phenanthrene
Concen: 9.655 ng
RT: 17.230 min Scan# 2429
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 429178
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 15.0 12.2 18.4

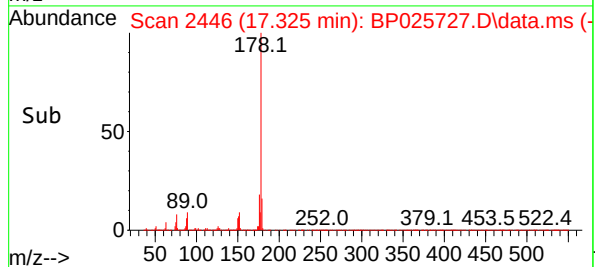
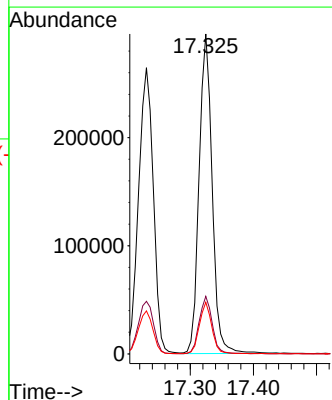
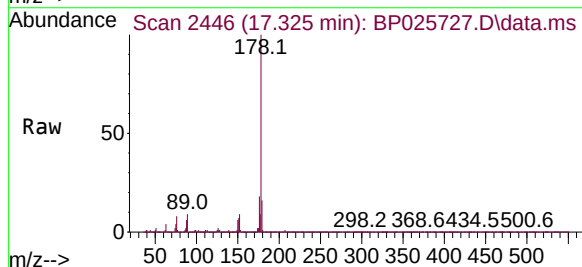
Manual Integrations
APPROVED

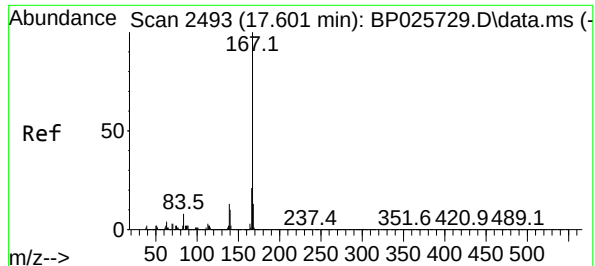
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#72
Anthracene
Concen: 9.435 ng
RT: 17.325 min Scan# 2446
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

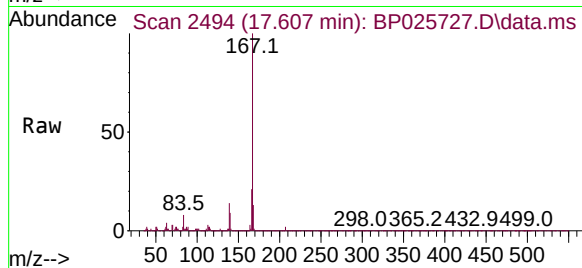
Tgt Ion:178 Resp: 425513
Ion Ratio Lower Upper
178 100
176 18.0 14.8 22.2
179 16.1 12.2 18.4





#73
 Carbazole
 Concen: 9.323 ng
 RT: 17.607 min Scan# 2494
 Delta R.T. 0.006 min
 Lab File: BP025727.D
 Acq: 11 Sep 2025 10:18

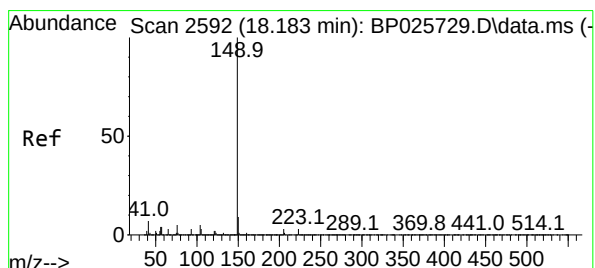
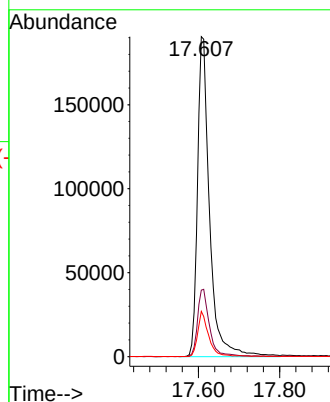
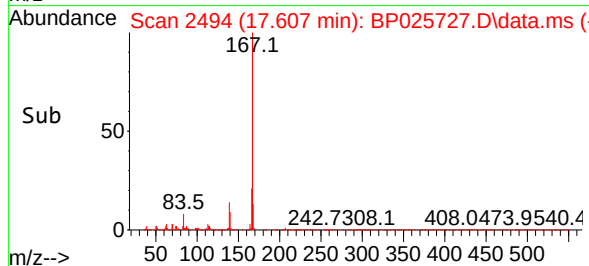
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010



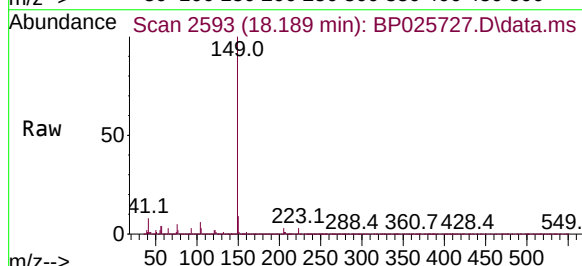
Tgt Ion:167 Resp: 390923
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.0 25.4
 139 14.1 10.6 16.0

Manual Integrations
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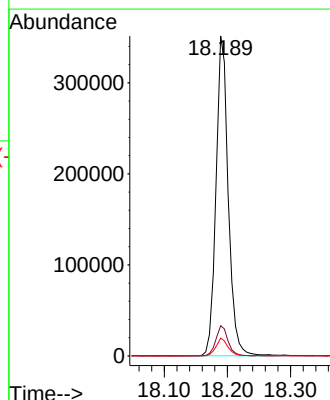
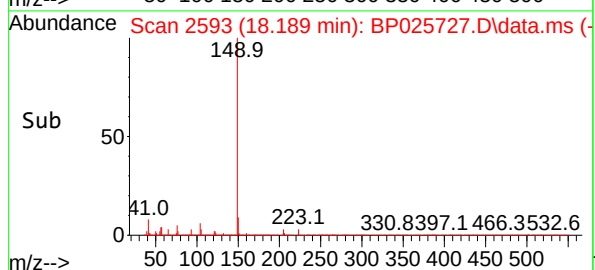
Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

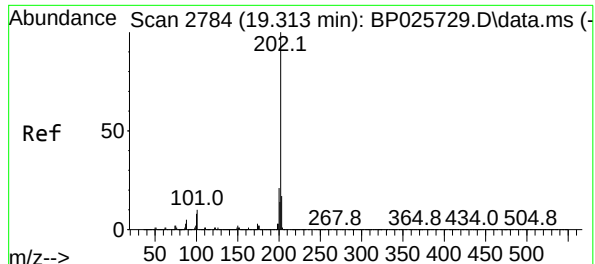


#74
 Di-n-butylphthalate
 Concen: 9.240 ng
 RT: 18.189 min Scan# 2593
 Delta R.T. 0.006 min
 Lab File: BP025727.D
 Acq: 11 Sep 2025 10:18



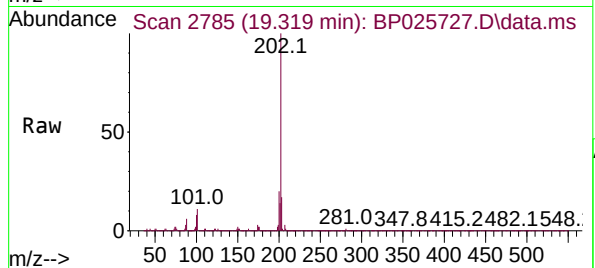
Tgt Ion:149 Resp: 475436
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.6 4.3 6.5





#75
Fluoranthene
Concen: 9.513 ng
RT: 19.319 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

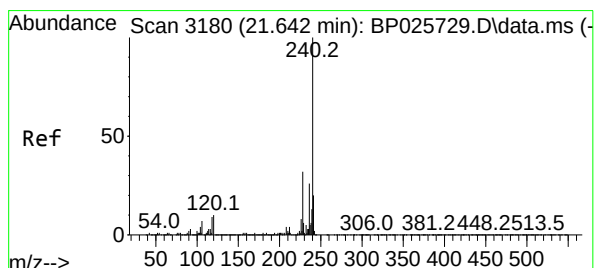
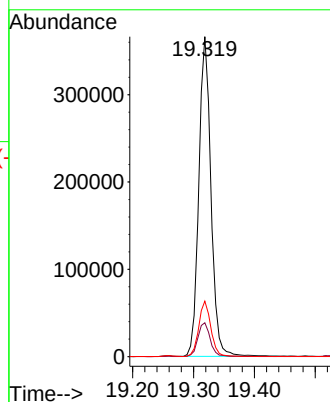
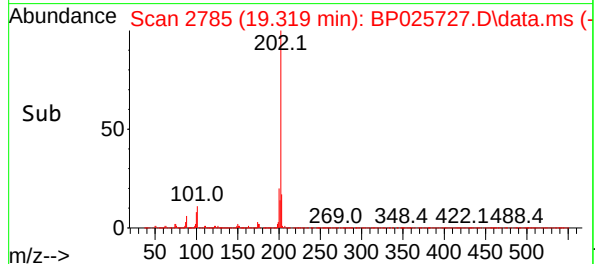
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 507116
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.4
203 17.3 0.0 37.4

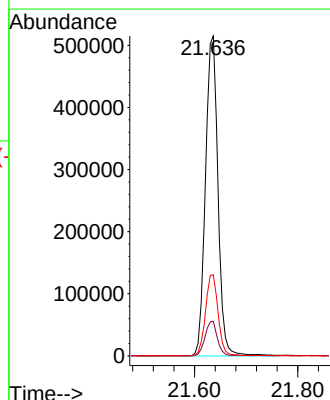
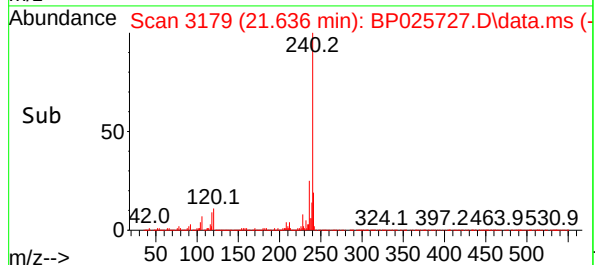
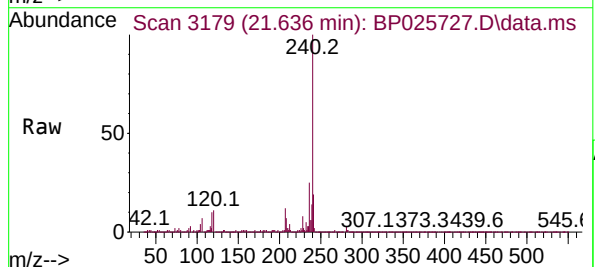
Manual Integrations
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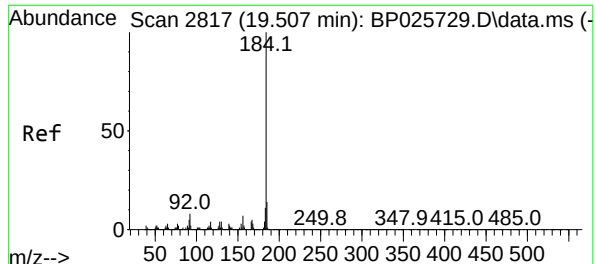
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:240 Resp: 866064
Ion Ratio Lower Upper
240 100
120 10.8 8.0 12.0
236 25.4 20.7 31.1





#77

Benzidine

Concen: 9.078 ng

RT: 19.525 min Scan# 2817

Delta R.T. 0.018 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:184 Resp: 226459

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

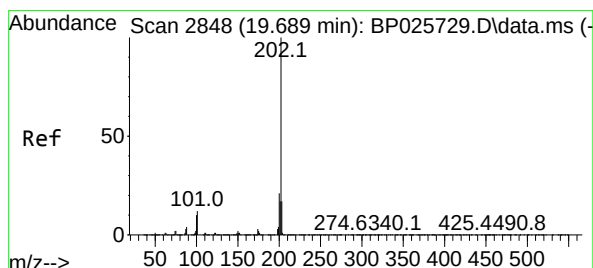
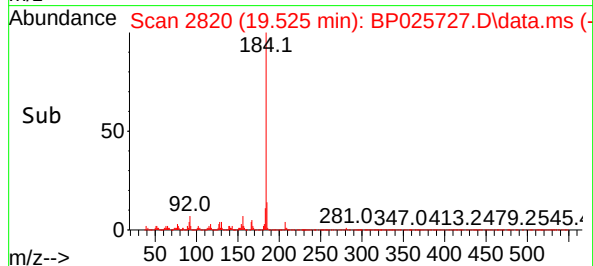
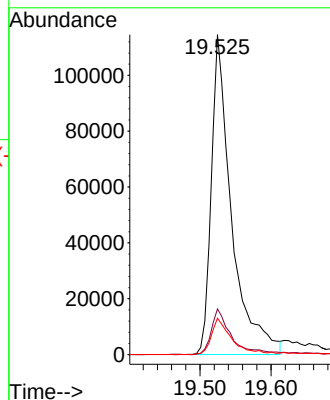
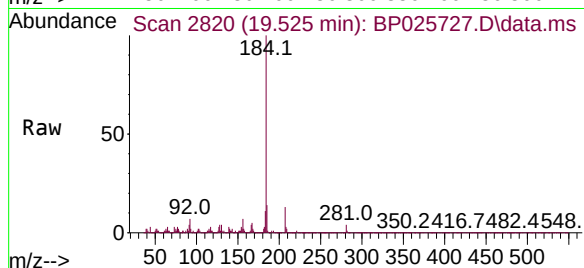
183 11.4 9.2 13.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#78

Pyrene

Concen: 9.311 ng

RT: 19.689 min Scan# 2848

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

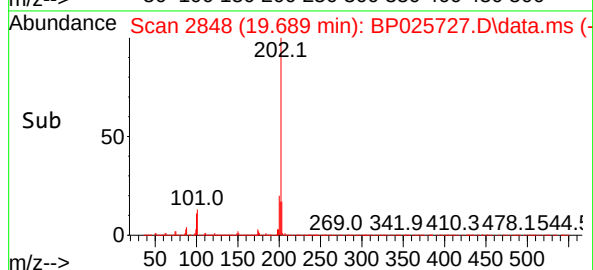
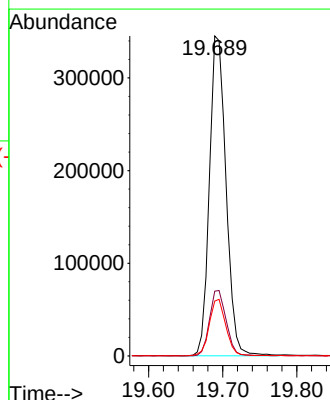
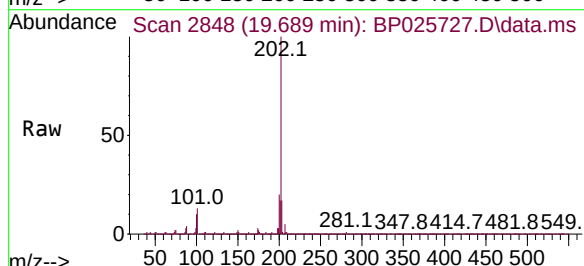
Tgt Ion:202 Resp: 538053

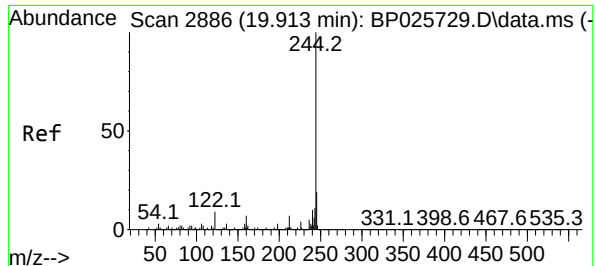
Ion Ratio Lower Upper

202 100

200 20.2 17.0 25.6

203 17.1 13.9 20.9





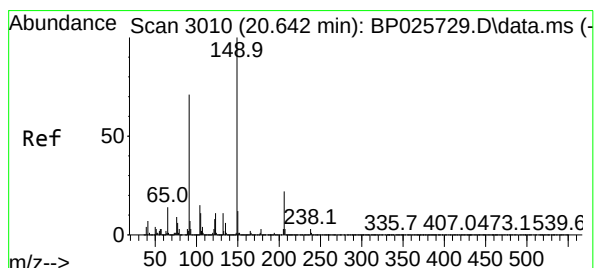
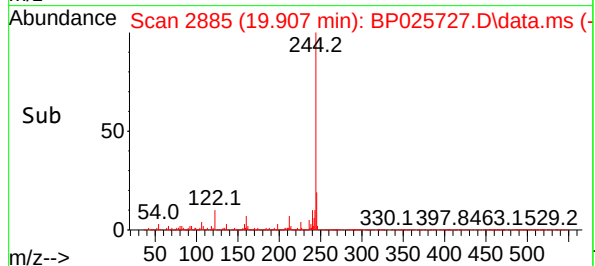
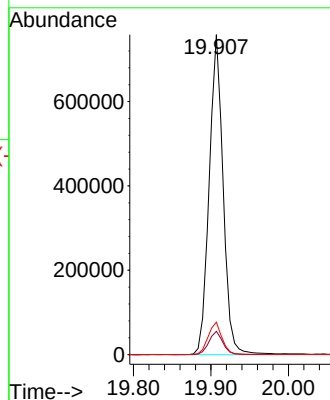
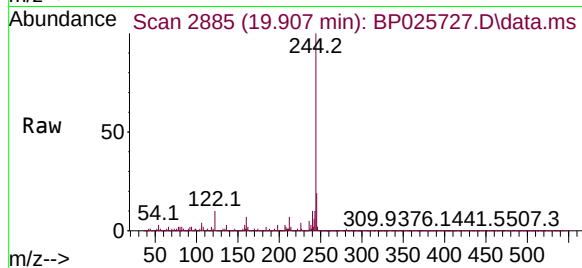
#79
 Terphenyl-d14
 Concen: 19.661 ng
 RT: 19.907 min Scan# 2886
 Delta R.T. -0.006 min
 Lab File: BP025727.D
 Acq: 11 Sep 2025 10:18

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Tgt Ion:244 Resp: 946504
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.1 7.1 10.7

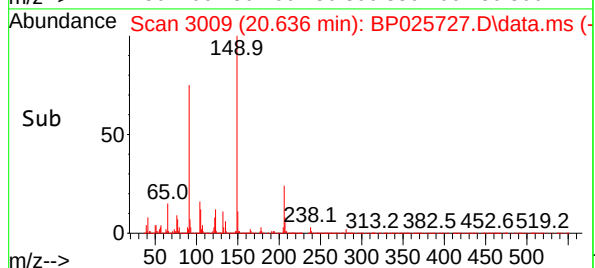
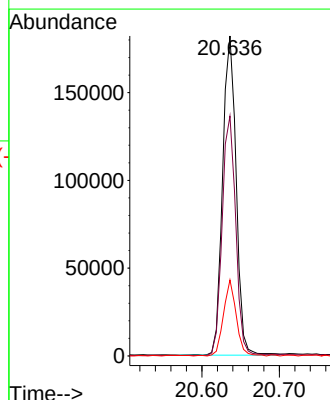
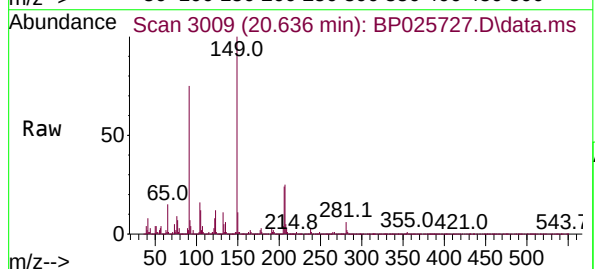
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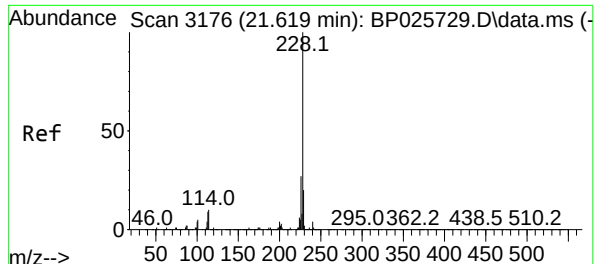
Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025



#80
 Butylbenzylphthalate
 Concen: 8.731 ng
 RT: 20.636 min Scan# 3009
 Delta R.T. -0.006 min
 Lab File: BP025727.D
 Acq: 11 Sep 2025 10:18

Tgt Ion:149 Resp: 221238
 Ion Ratio Lower Upper
 149 100
 91 74.9 56.6 85.0
 206 23.7 17.4 26.0





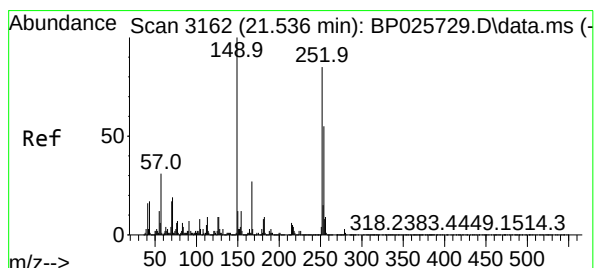
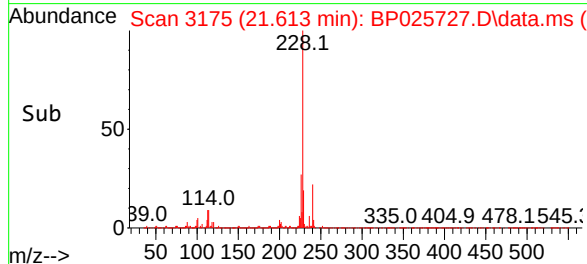
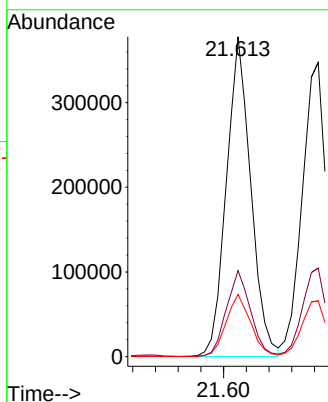
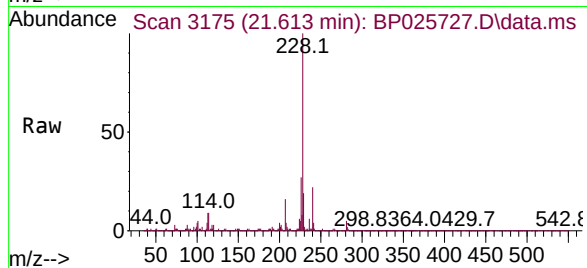
#81
Benzo(a)anthracene
Concen: 9.507 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 56368
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 19.4 15.7 23.5

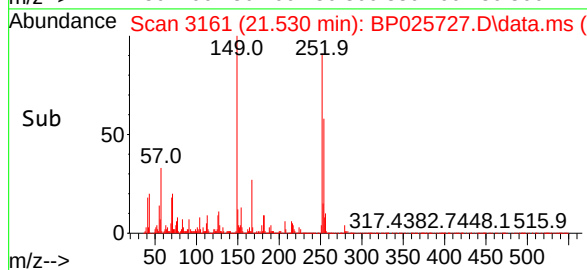
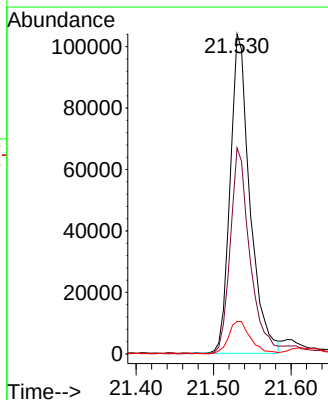
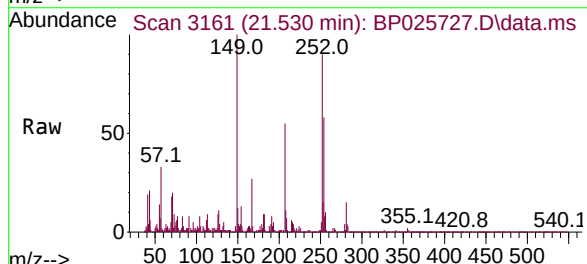
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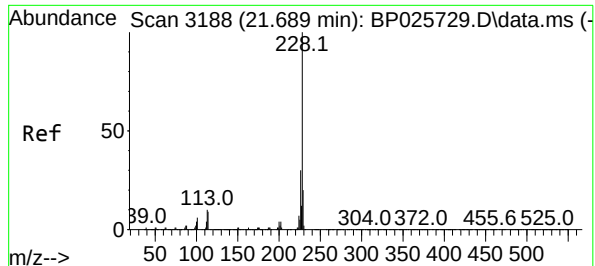
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#82
3,3'-Dichlorobenzidine
Concen: 8.980 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

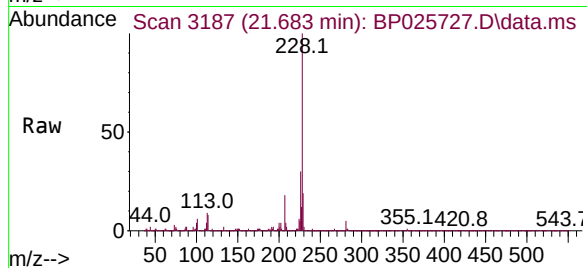
Tgt Ion:252 Resp: 184095
Ion Ratio Lower Upper
252 100
254 64.4 51.4 77.0
126 10.1 8.3 12.5





#83
Chrysene
Concen: 9.599 ng
RT: 21.683 min Scan# 3188
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

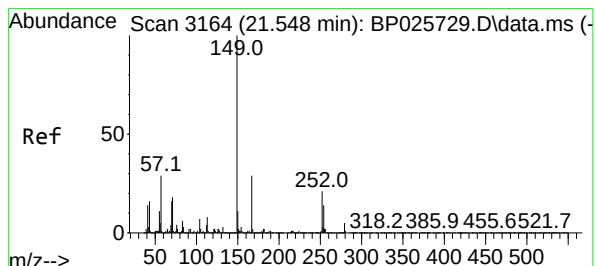
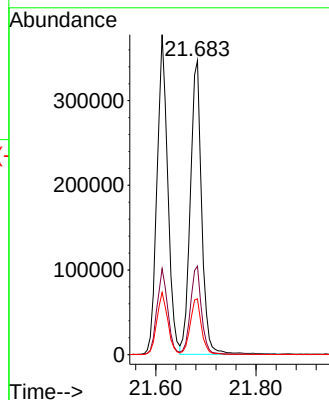
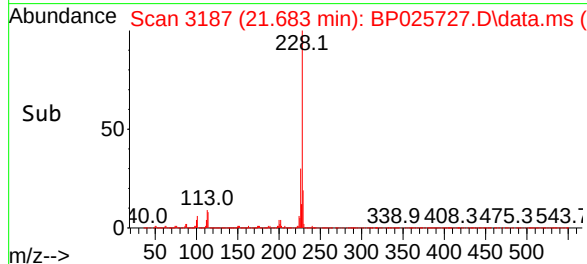
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 542537
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.6
229 18.9 15.6 23.4

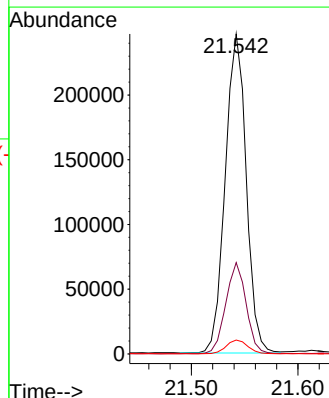
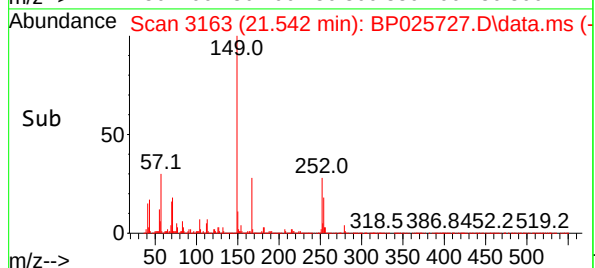
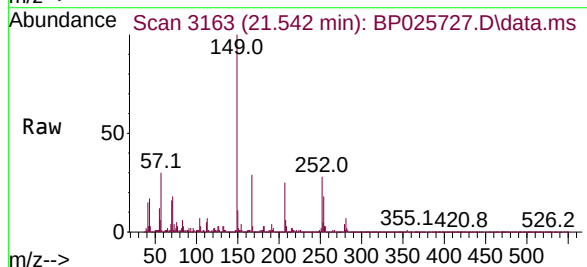
Manual Integrations
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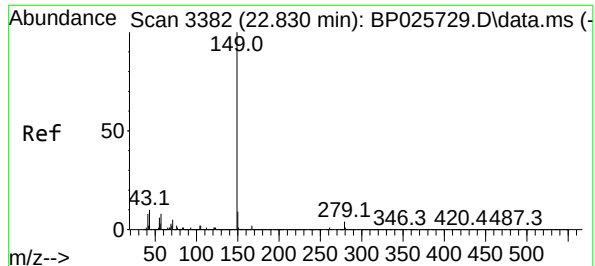
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.129 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

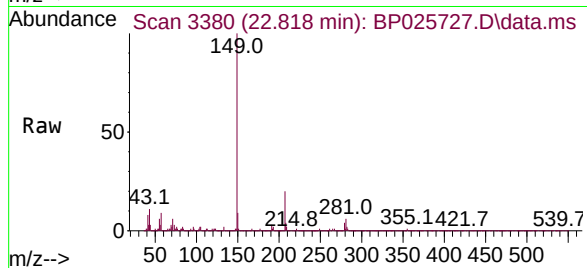
Tgt Ion:149 Resp: 338402
Ion Ratio Lower Upper
149 100
167 28.5 22.9 34.3
279 4.3 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 8.637 ng
RT: 22.818 min Scan# 3382
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

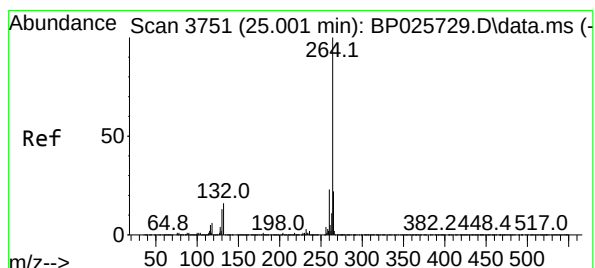
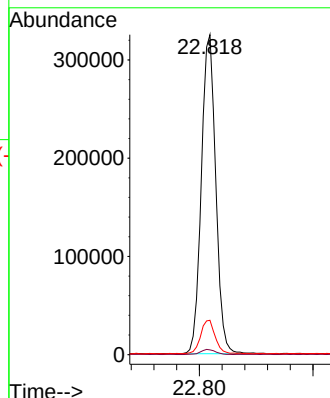
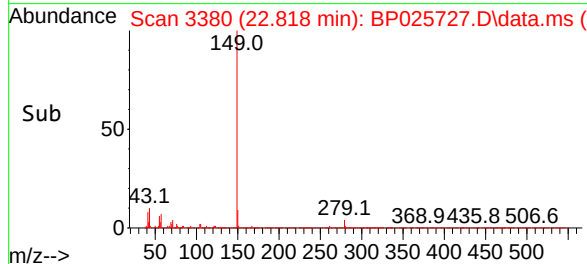
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 569524
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.7 8.0 12.0

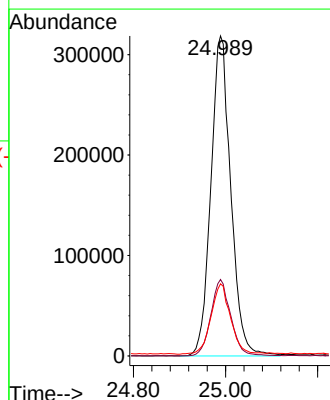
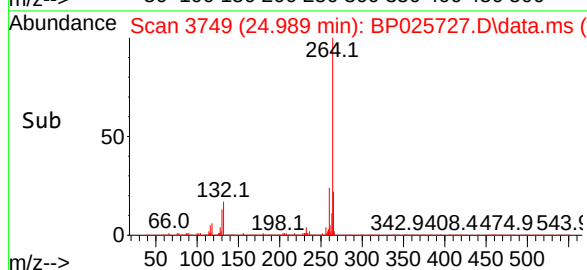
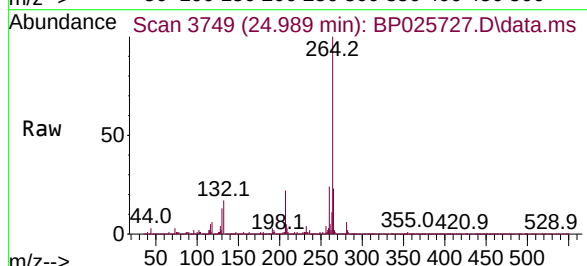
Manual Integrations
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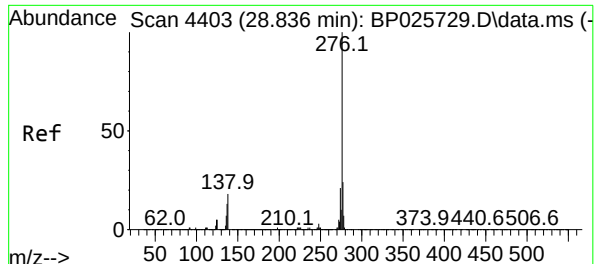
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.989 min Scan# 3749
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

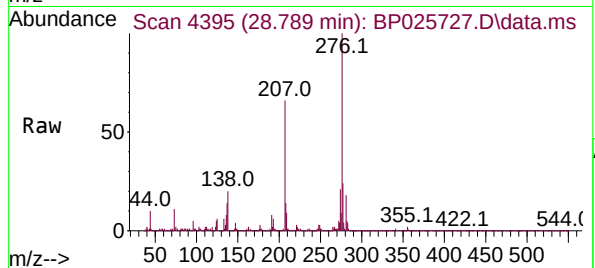
Tgt Ion:264 Resp: 954952
Ion Ratio Lower Upper
264 100
260 23.9 18.3 27.5
265 22.5 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 9.173 ng
RT: 28.789 min Scan# 4395
Delta R.T. -0.047 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

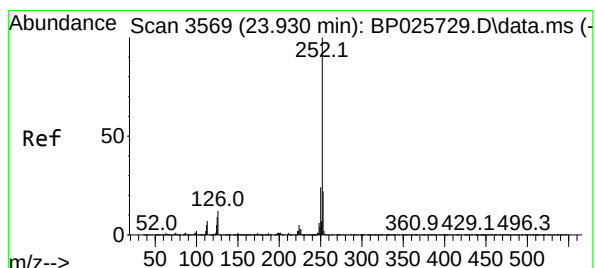
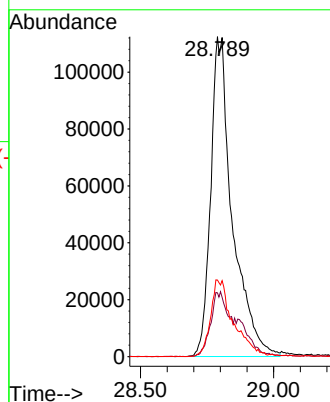
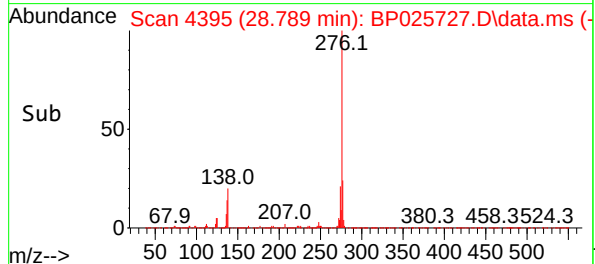
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 276 Resp: 637024
Ion Ratio Lower Upper
276 100
138 16.5 13.4 20.2
277 25.0 9.1 13.7

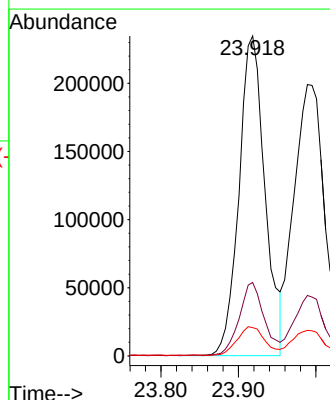
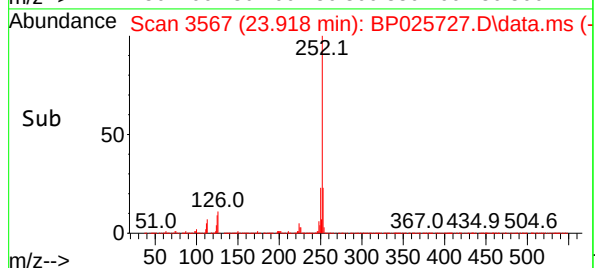
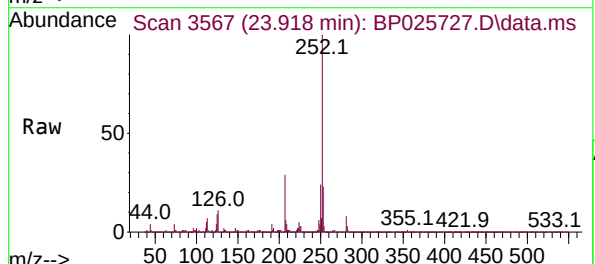
Manual Integrations
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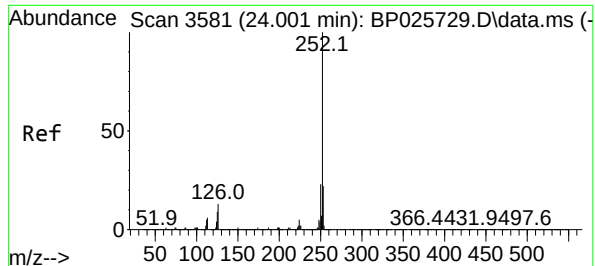
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#88
Benzo(b)fluoranthene
Concen: 9.360 ng
RT: 23.918 min Scan# 3567
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 252 Resp: 546577
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 8.8 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 9.378 ng

RT: 23.989 min Scan# 3581

Delta R.T. -0.012 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 558830

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

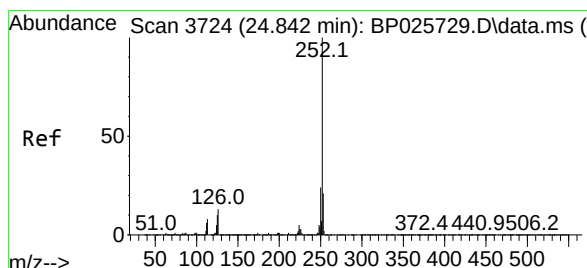
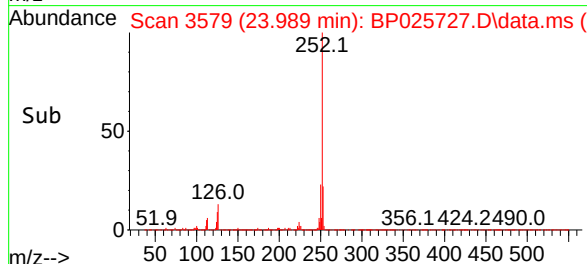
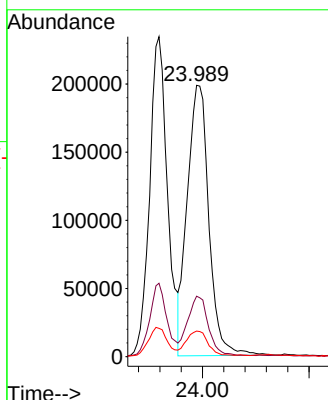
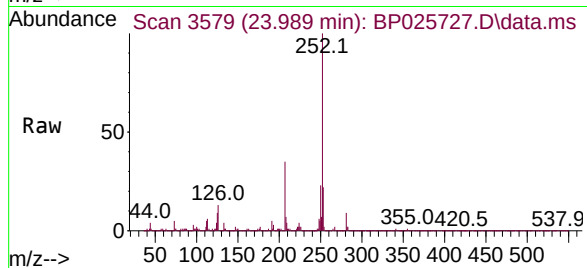
125 9.4 7.5 11.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#90

Benzo(a)pyrene

Concen: 9.188 ng

RT: 24.830 min Scan# 3722

Delta R.T. -0.012 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

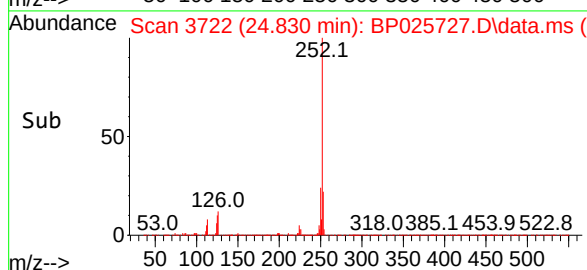
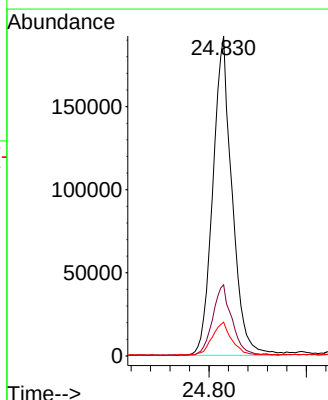
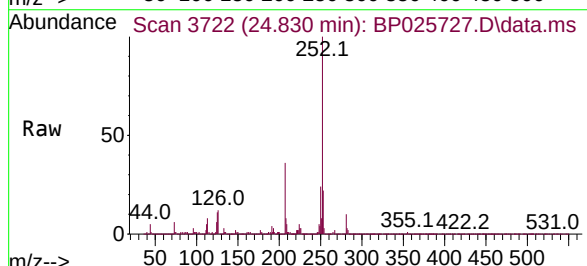
Tgt Ion:252 Resp: 525444

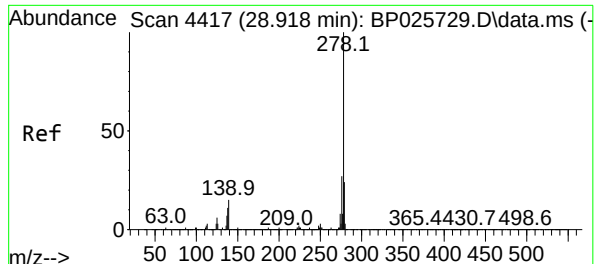
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 10.5 8.3 12.5





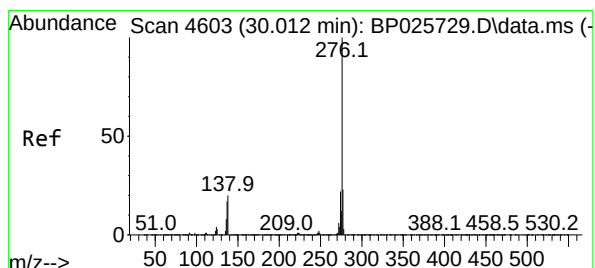
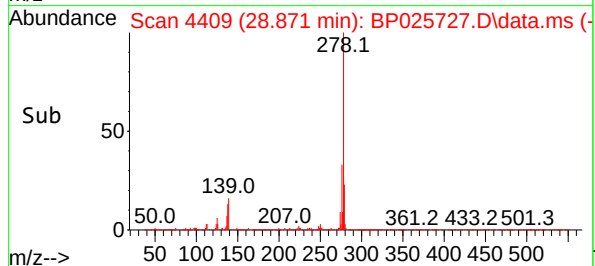
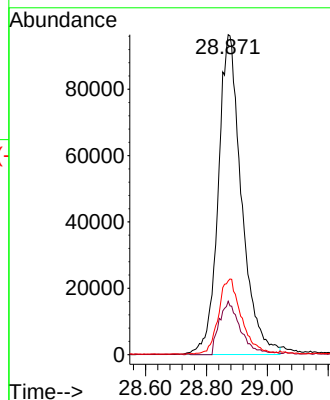
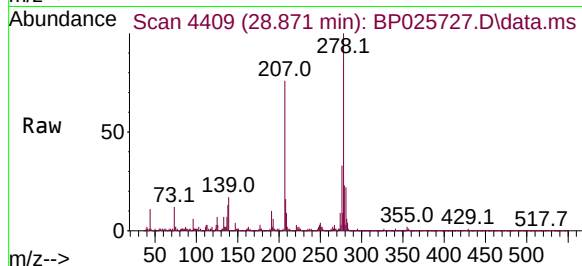
#91
Dibenzo(a,h)anthracene
Concen: 9.031 ng
RT: 28.871 min Scan# 4417
Delta R.T. -0.047 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 278 Resp: 513228
Ion Ratio Lower Upper
278 100
139 16.7 12.1 18.1
279 23.0 19.6 29.4

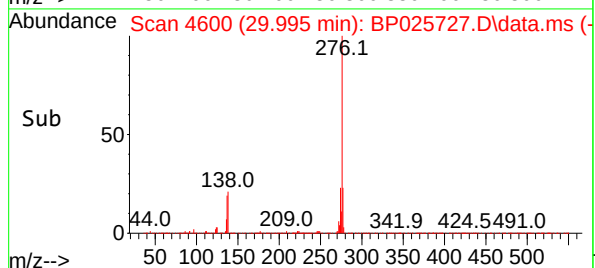
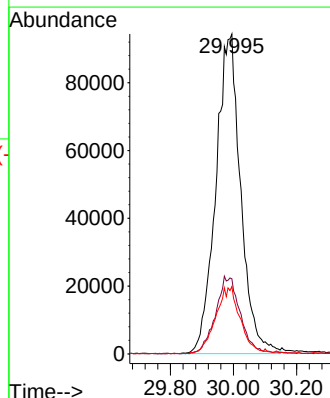
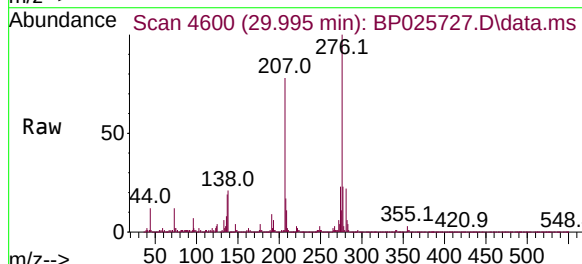
Manual Integrations
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Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#92
Benzo(g,h,i)perylene
Concen: 9.213 ng
RT: 29.995 min Scan# 4600
Delta R.T. -0.018 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 276 Resp: 514884
Ion Ratio Lower Upper
276 100
277 23.5 18.7 28.1
138 21.0 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025728.D
 Acq On : 11 Sep 2025 10:59
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:21:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	143999	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	606294	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	418871	20.000	ng	0.00
64) Phenanthrene-d10	17.184	188	862789	20.000	ng	0.00
76) Chrysene-d12	21.630	240	931523	20.000	ng	-0.01
86) Perylene-d12	25.013	264	988151	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	380187	42.601	ng	0.00
7) Phenol-d6	6.943	99	516495	43.542	ng	0.00
23) Nitrobenzene-d5	8.902	82	594129	43.226	ng	0.00
42) 2,4,6-Tribromophenol	15.901	330	226554	43.363	ng	0.00
45) 2-Fluorobiphenyl	12.990	172	1386426	44.072	ng	0.00
79) Terphenyl-d14	19.901	244	2231186	43.089	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	80281	21.433	ng	99
3) Pyridine	3.708	79	219692	21.301	ng	98
4) n-Nitrosodimethylamine	3.614	42	103000	21.164	ng	100
6) Aniline	7.096	93	354574	21.775	ng	100
8) 2-Chlorophenol	7.337	128	208475	21.294	ng	99
9) Benzaldehyde	6.914	77	107710m	15.166	ng	
10) Phenol	6.972	94	266163	21.280	ng	98
11) bis(2-Chloroethyl)ether	7.190	93	217190	21.613	ng	97
12) 1,3-Dichlorobenzene	7.649	146	239289	21.475	ng	98
13) 1,4-Dichlorobenzene	7.790	146	244577	21.548	ng	97
14) 1,2-Dichlorobenzene	8.108	146	235224	21.333	ng	98
15) Benzyl Alcohol	8.002	79	205181	20.933	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.272	45	356609	21.700	ng	99
17) 2-Methylphenol	8.202	107	182618	21.655	ng	100
18) Hexachloroethane	8.825	117	91098	21.012	ng	99
19) n-Nitroso-di-n-propyla...	8.555	70	187222	22.899	ng	99
20) 3+4-Methylphenols	8.525	107	247752	20.978	ng	98
22) Acetophenone	8.572	105	353588	21.823	ng	# 98
24) Nitrobenzene	8.943	77	266699	21.629	ng	98
25) Isophorone	9.466	82	522705	21.636	ng	100
26) 2-Nitrophenol	9.649	139	115173	21.038	ng	99
27) 2,4-Dimethylphenol	9.713	122	208989	21.760	ng	99
28) bis(2-Chloroethoxy)met...	9.937	93	309508	22.163	ng	99
29) 2,4-Dichlorophenol	10.190	162	205319	21.441	ng	98
30) 1,2,4-Trichlorobenzene	10.390	180	228468	21.170	ng	97
31) Naphthalene	10.578	128	705465	21.579	ng	100
32) Benzoic acid	9.843	122	129745	18.170	ng	99
33) 4-Chloroaniline	10.690	127	296539	21.763	ng	99
34) Hexachlorobutadiene	10.860	225	149942	21.583	ng	99
35) Caprolactam	11.472	113	76940	20.887	ng	98
36) 4-Chloro-3-methylphenol	11.819	107	245998	21.548	ng	97
37) 2-Methylnaphthalene	12.184	142	459751	21.896	ng	98
38) 1-Methylnaphthalene	12.413	142	489270	21.851	ng	100
40) 1,2,4,5-Tetrachloroben...	12.554	216	273360	21.536	ng	100
41) Hexachlorocyclopentadiene	12.537	237	136556	19.753	ng	99
43) 2,4,6-Trichlorophenol	12.807	196	182331	21.851	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025728.D
 Acq On : 11 Sep 2025 10:59
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:21:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

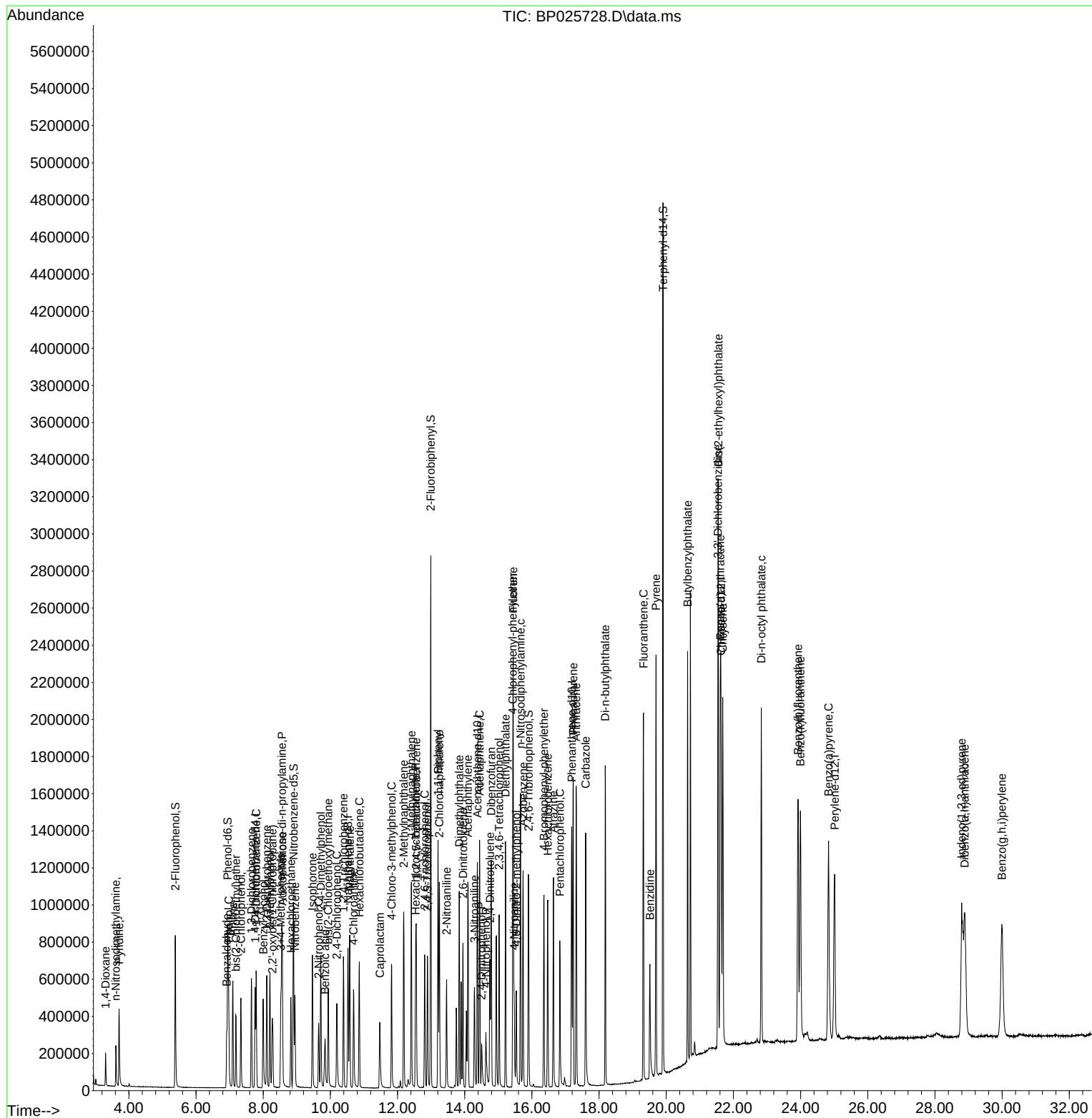
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.890	196	201778	21.728	ng	98
46) 1,1'-Biphenyl	13.207	154	669889	21.788	ng	99
47) 2-Chloronaphthalene	13.243	162	524481	21.665	ng	99
48) 2-Nitroaniline	13.460	65	174129	21.578	ng	99
49) Acenaphthylene	14.095	152	877353	21.873	ng	100
50) Dimethylphthalate	13.837	163	704532	22.031	ng	99
51) 2,6-Dinitrotoluene	13.948	165	147655	21.793	ng	99
52) Acenaphthene	14.443	154	505575	21.856	ng	99
53) 3-Nitroaniline	14.290	138	154856	21.735	ng	93
54) 2,4-Dinitrophenol	14.501	184	72511	20.292	ng	96
55) Dibenzofuran	14.790	168	823747	21.850	ng	98
56) 4-Nitrophenol	14.631	139	106678	20.895	ng	98
57) 2,4-Dinitrotoluene	14.754	165	209898	21.769	ng	93
58) Fluorene	15.442	166	661561	22.068	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.025	232	181997	21.756	ng	98
60) Diethylphthalate	15.213	149	710972	21.918	ng	98
61) 4-Chlorophenyl-phenyle...	15.431	204	331129	21.917	ng	99
62) 4-Nitroaniline	15.472	138	159664	21.891	ng	99
63) Azobenzene	15.737	77	690423	22.012	ng	99
65) 4,6-Dinitro-2-methylph...	15.537	198	116319	20.272	ng	96
66) n-Nitrosodiphenylamine	15.660	169	587714	22.259	ng	99
67) 4-Bromophenyl-phenylether	16.360	248	206823	21.820	ng	97
68) Hexachlorobenzene	16.472	284	229447	21.707	ng	94
69) Atrazine	16.642	200	223909	22.185	ng	98
70) Pentachlorophenol	16.831	266	145273	20.824	ng	98
71) Phenanthrene	17.231	178	1075795	21.981	ng	99
72) Anthracene	17.319	178	1104346	22.239	ng	99
73) Carbazole	17.601	167	1022406	22.146	ng	99
74) Di-n-butylphthalate	18.183	149	1266684	22.358	ng	99
75) Fluoranthene	19.319	202	1303398	22.205	ng	100
77) Benzidine	19.513	184	499919	18.631	ng	99
78) Pyrene	19.695	202	1345082	21.640	ng	99
80) Butylbenzylphthalate	20.636	149	592103	21.726	ng	97
81) Benzo(a)anthracene	21.607	228	1370258	21.486	ng	100
82) 3,3'-Dichlorobenzidine	21.536	252	464513	21.065	ng	99
83) Chrysene	21.683	228	1301547	21.410	ng	99
84) Bis(2-ethylhexyl)phtha...	21.548	149	866210	21.725	ng	99
85) Di-n-octyl phthalate	22.830	149	1493820	21.062	ng	100
87) Indeno(1,2,3-cd)pyrene	28.795	276	1514360	21.074	ng	# 85
88) Benzo(b)fluoranthene	23.924	252	1288073	21.316	ng	98
89) Benzo(k)fluoranthene	23.995	252	1351055	21.911	ng	98
90) Benzo(a)pyrene	24.830	252	1260461	21.300	ng	99
91) Dibenzo(a,h)anthracene	28.883	278	1238767	21.066	ng	99
92) Benzo(g,h,i)perylene	29.995	276	1210808	20.937	ng	99

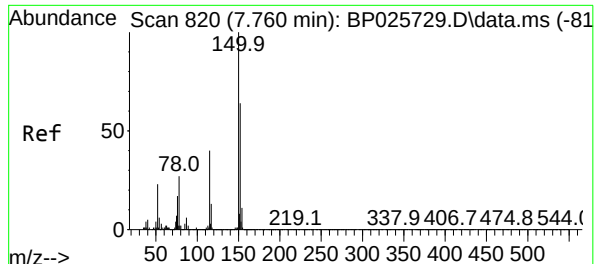
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025





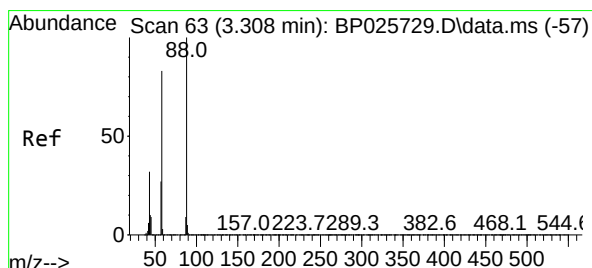
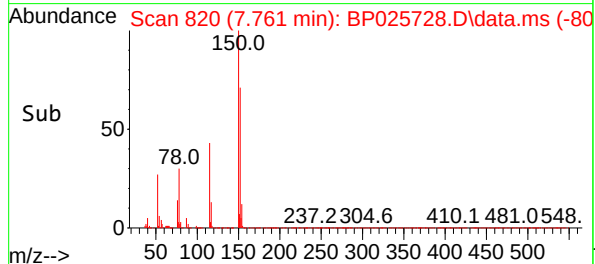
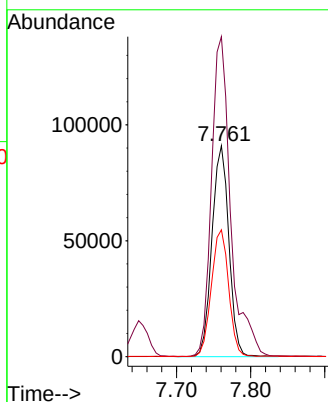
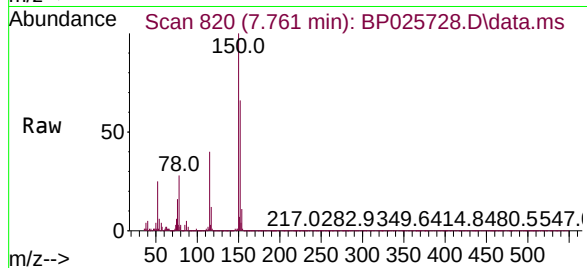
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.761 min Scan# 820
Delta R.T. 0.001 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 143999
Ion Ratio Lower Upper
152 100
150 151.8 124.3 186.5
115 60.2 50.3 75.5

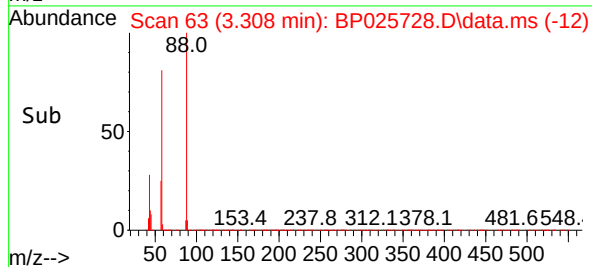
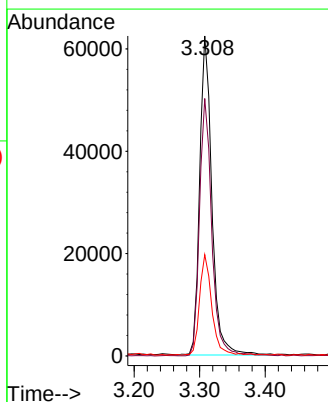
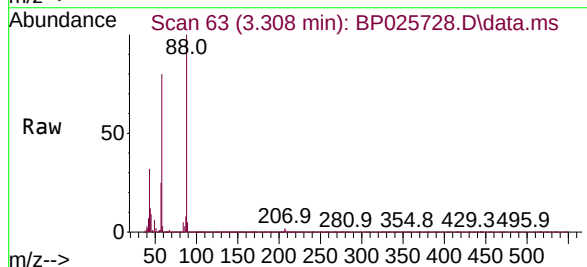
Manual Integrations
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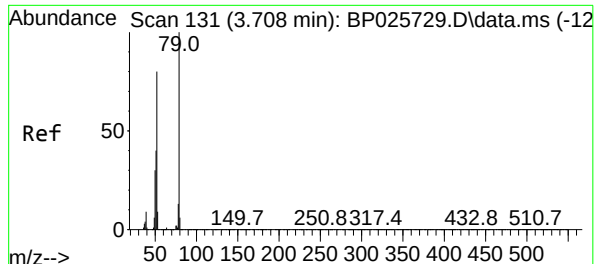
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#2
1,4-Dioxane
Concen: 21.433 ng
RT: 3.308 min Scan# 63
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

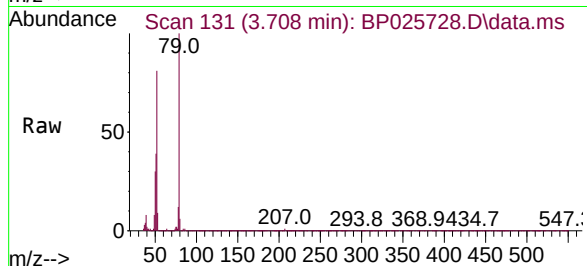
Tgt Ion: 88 Resp: 80281
Ion Ratio Lower Upper
88 100
58 81.1 65.5 98.3
43 31.6 25.2 37.8





#3
Pyridine
Concen: 21.301 ng
RT: 3.708 min Scan# 131
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

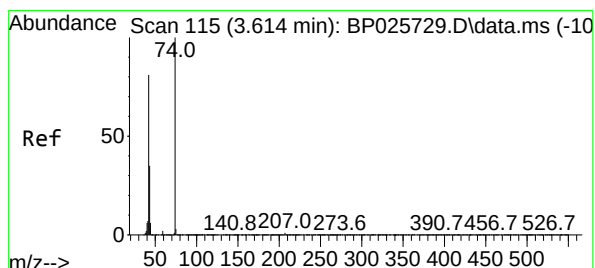
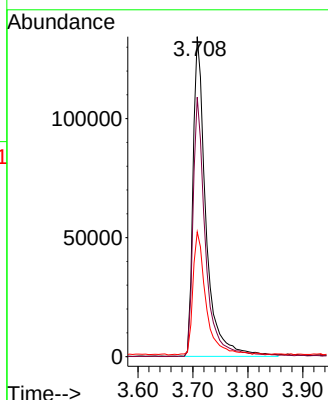
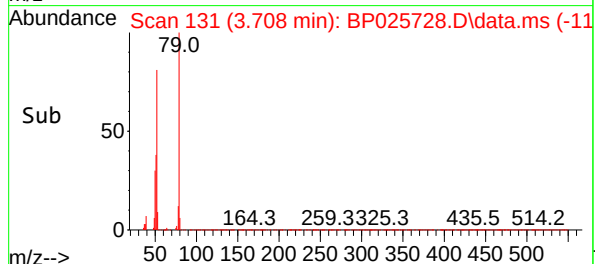
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



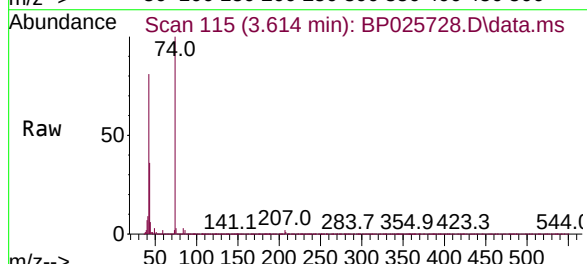
Tgt Ion: 79 Resp: 219692
Ion Ratio Lower Upper
79 100
52 81.1 63.7 95.5
51 39.0 32.4 48.6

Manual Integrations
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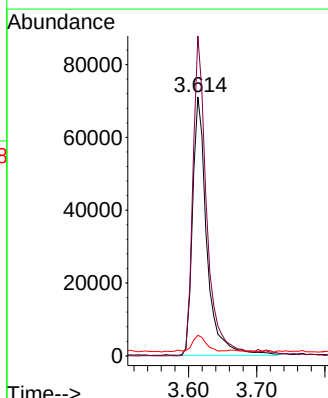
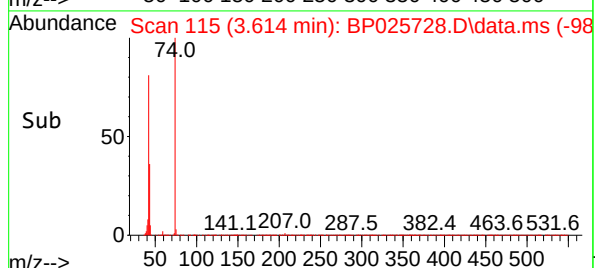
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

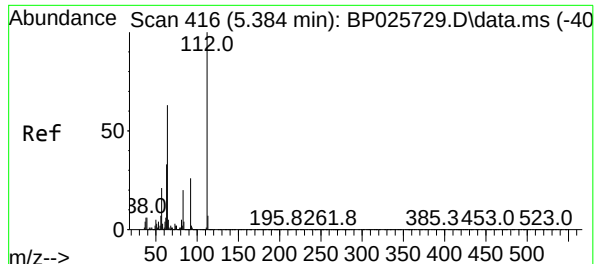


#4
n-Nitrosodimethylamine
Concen: 21.164 ng
RT: 3.614 min Scan# 115
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59



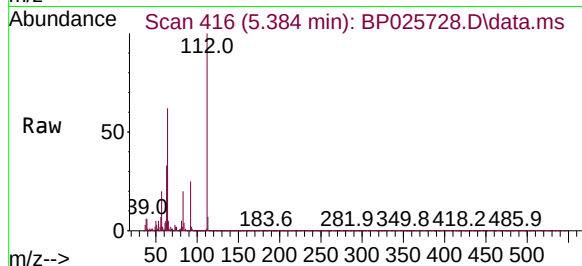
Tgt Ion: 42 Resp: 103000
Ion Ratio Lower Upper
42 100
74 123.6 99.2 148.8
44 8.0 6.4 9.6





#5
2-Fluorophenol
Concen: 42.601 ng
RT: 5.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

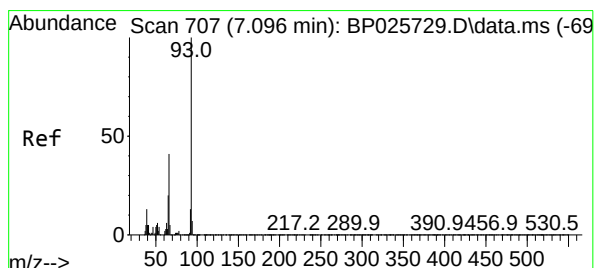
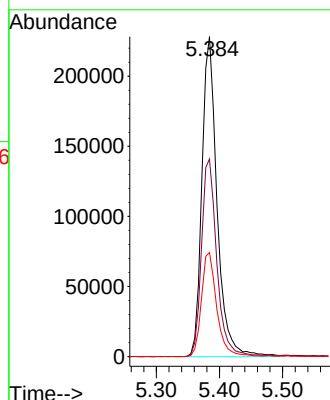
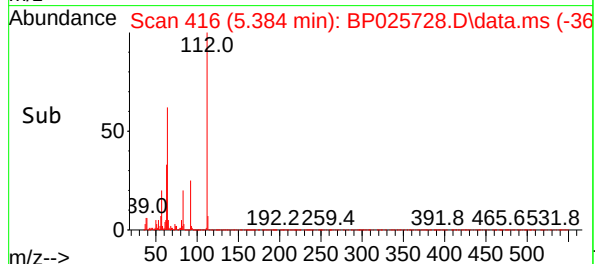
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 112 Resp: 380187
Ion Ratio Lower Upper
112 100
64 61.8 50.2 75.4
63 32.5 26.7 40.1

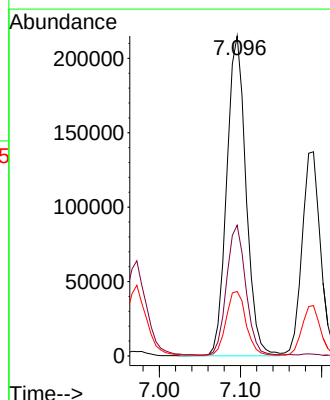
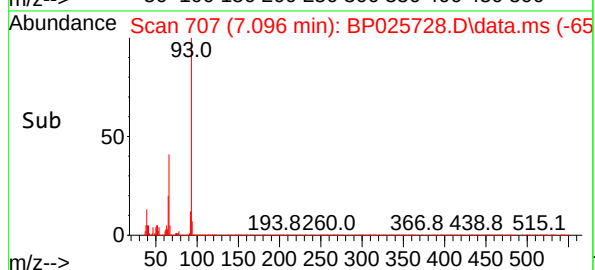
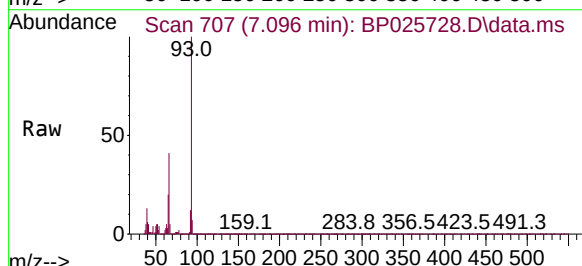
Manual Integrations
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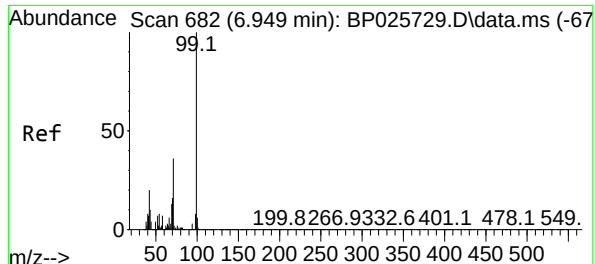
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#6
Aniline
Concen: 21.775 ng
RT: 7.096 min Scan# 707
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

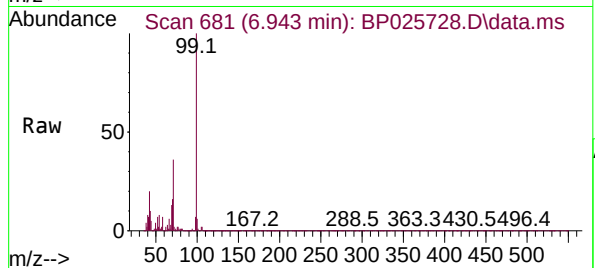
Tgt Ion: 93 Resp: 354574
Ion Ratio Lower Upper
93 100
66 40.8 32.6 49.0
65 20.1 16.2 24.2





#7
Phenol-d6
Concen: 43.542 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

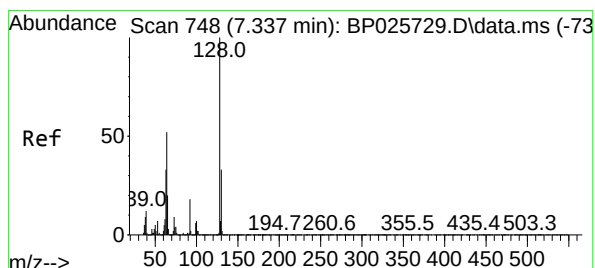
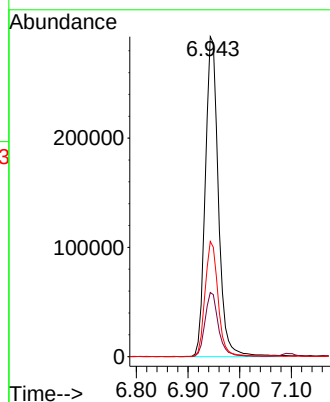
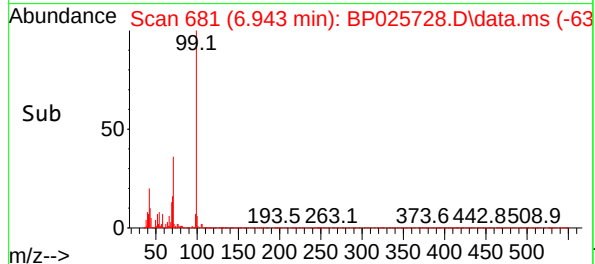
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 99 Resp: 516495
Ion Ratio Lower Upper
99 100
42 20.0 15.6 23.4
71 36.0 28.6 43.0

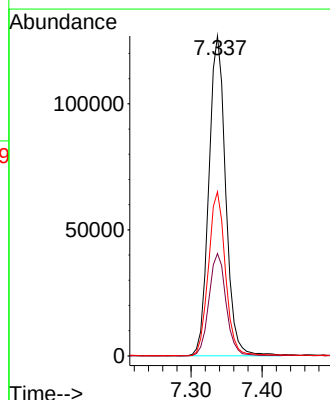
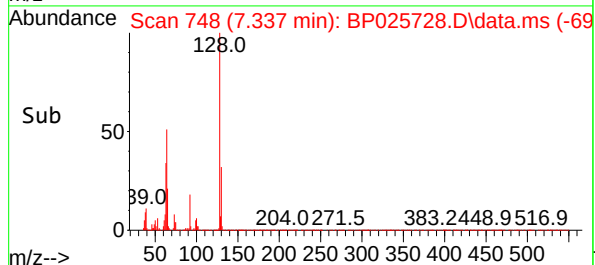
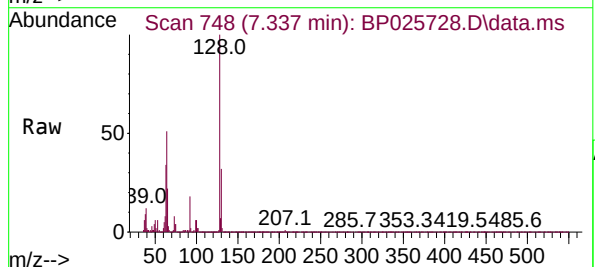
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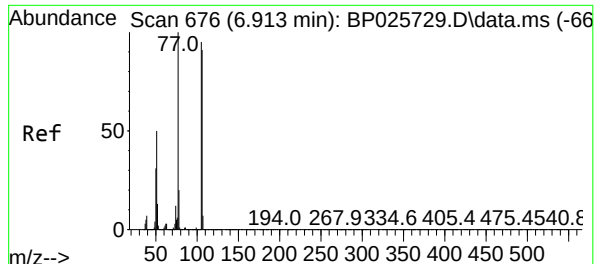
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#8
2-Chlorophenol
Concen: 21.294 ng
RT: 7.337 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:128 Resp: 208475
Ion Ratio Lower Upper
128 100
130 32.0 12.6 52.6
64 51.3 31.6 71.6





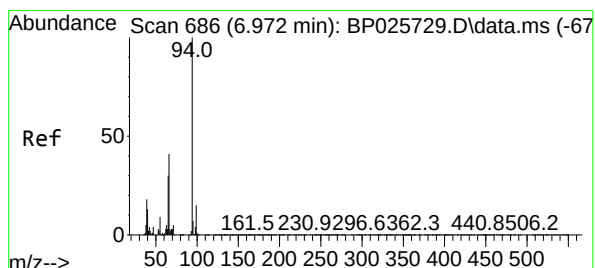
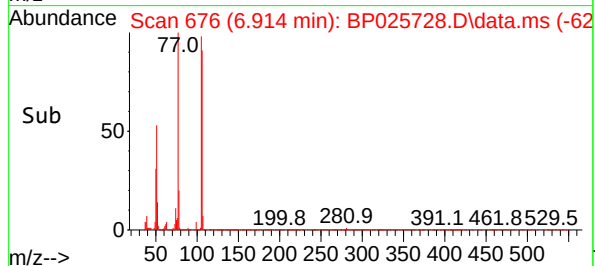
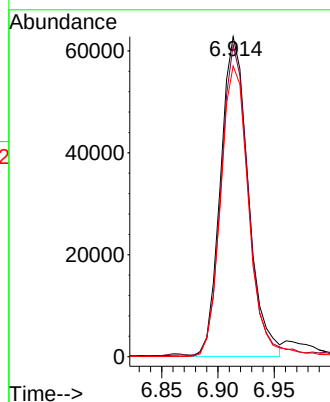
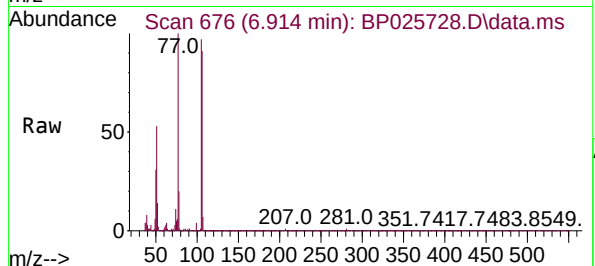
#9
Benzaldehyde
Concen: 15.166 ng m
RT: 6.914 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 107710
Ion Ratio Lower Upper
77 100
105 97.4 75.2 115.2
106 90.8 71.3 111.3

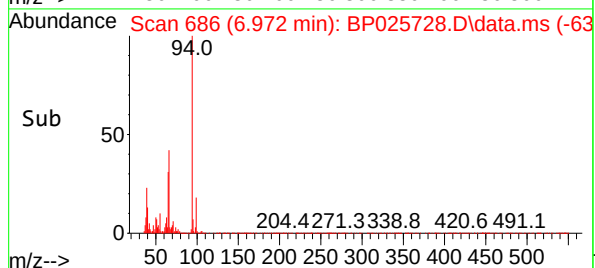
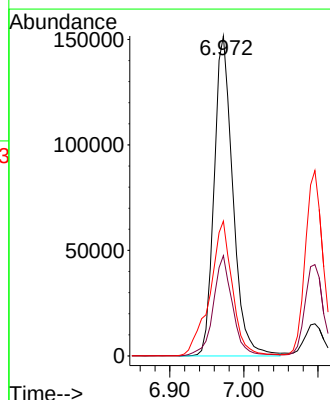
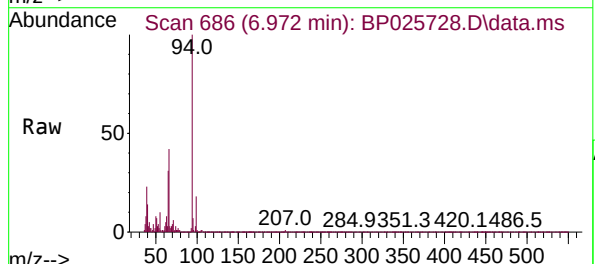
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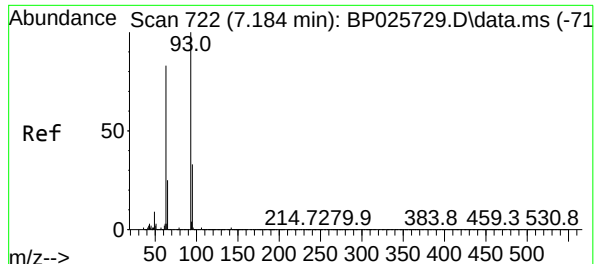
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#10
Phenol
Concen: 21.280 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion: 94 Resp: 266163
Ion Ratio Lower Upper
94 100
65 31.3 10.2 50.2
66 42.2 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 21.613 ng

RT: 7.190 min Scan# 722

Delta R.T. 0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 93 Resp: 217190

Ion Ratio Lower Upper

93 100

63 79.8 62.6 102.6

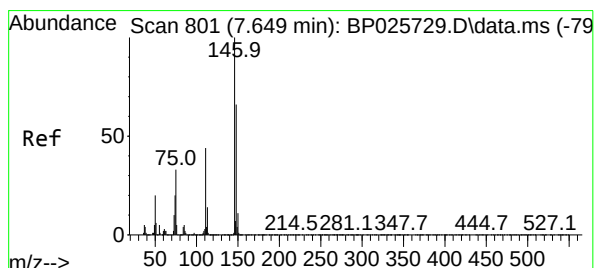
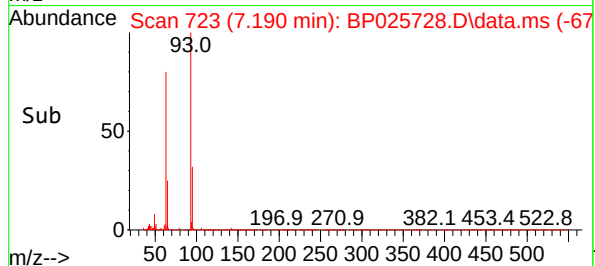
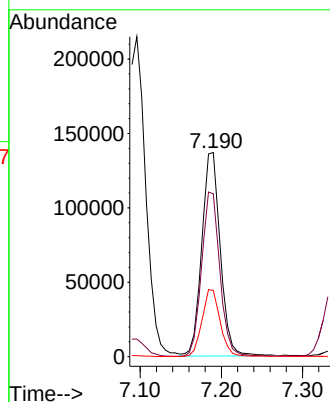
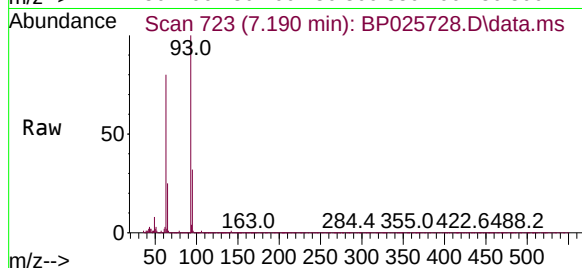
95 32.4 13.2 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#12

1,3-Dichlorobenzene

Concen: 21.475 ng

RT: 7.649 min Scan# 801

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

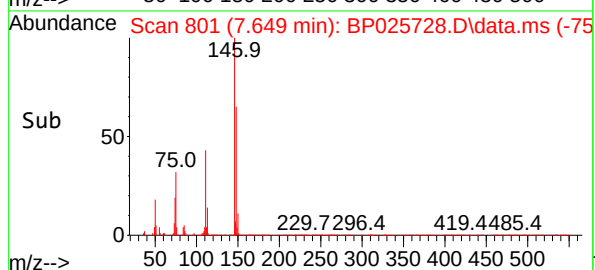
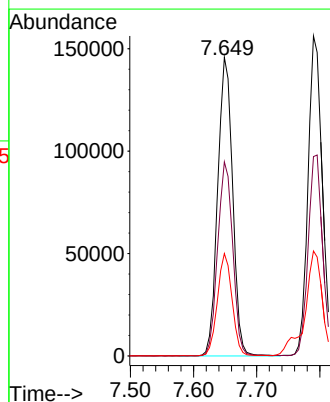
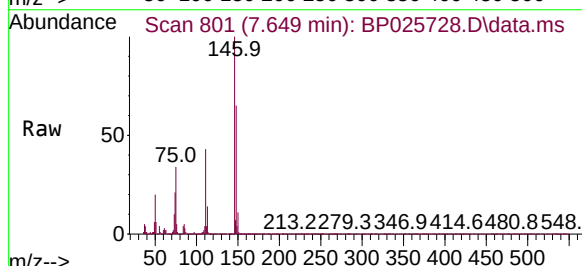
Tgt Ion:146 Resp: 239289

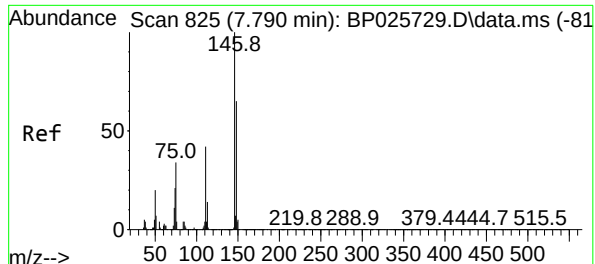
Ion Ratio Lower Upper

146 100

148 65.0 52.7 79.1

75 34.3 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 21.548 ng

RT: 7.790 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

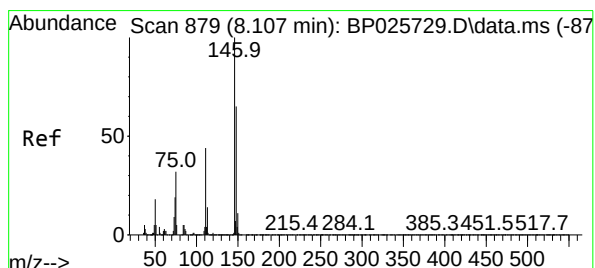
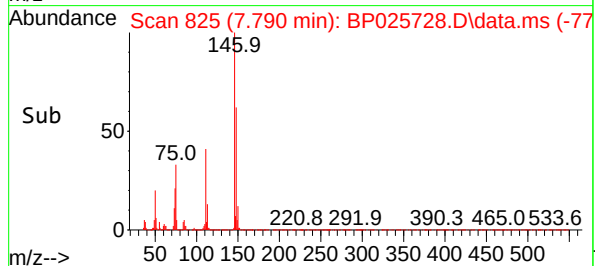
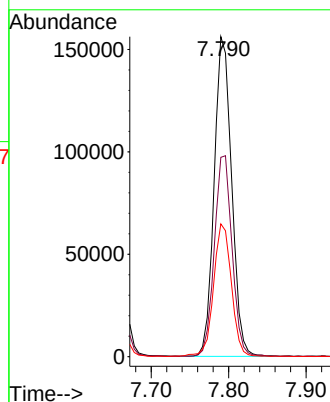
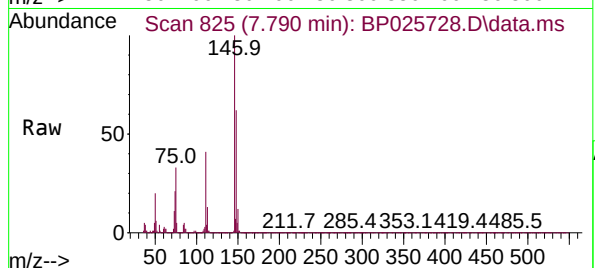
SSTDICC020

Tgt Ion	146	Resp	24457
Ion Ratio	Lower	Upper	
146	100		
148	62.3	52.0	78.0
111	41.5	33.9	50.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#14

1,2-Dichlorobenzene

Concen: 21.333 ng

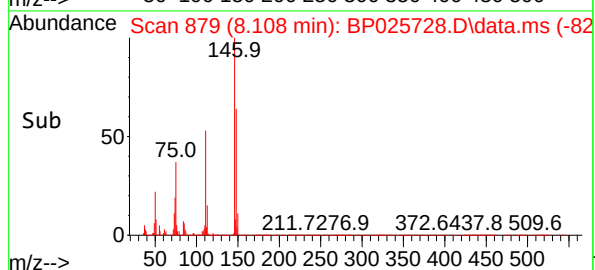
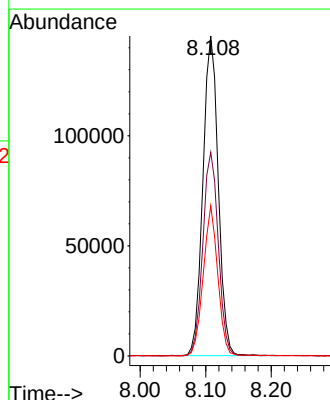
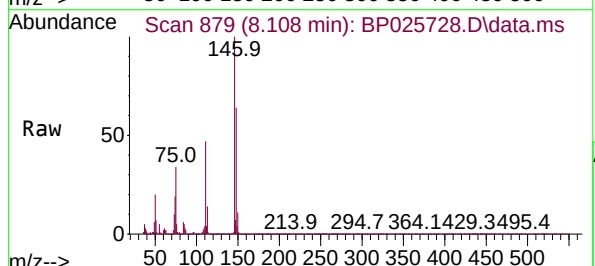
RT: 8.108 min Scan# 879

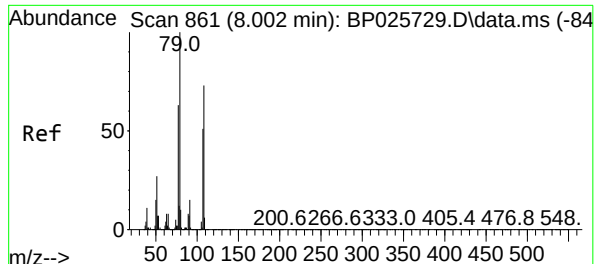
Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Tgt Ion	146	Resp	235224
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.7	77.5
111	46.9	35.5	53.3





#15

Benzyl Alcohol

Concen: 20.933 ng

RT: 8.002 min Scan# 80

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 20518

Ion Ratio Lower Upper

79 100

108 74.5 58.7 88.1

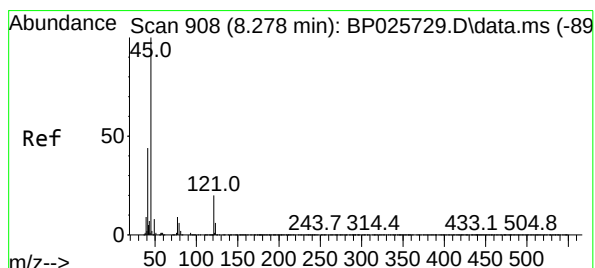
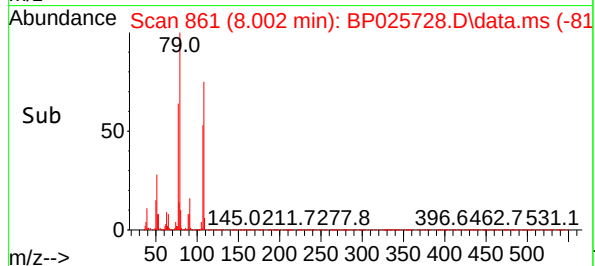
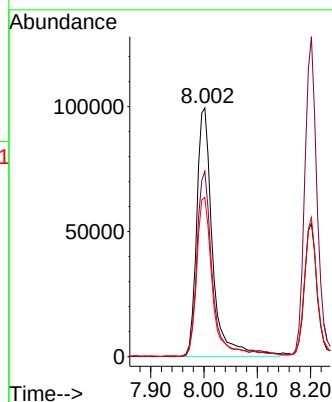
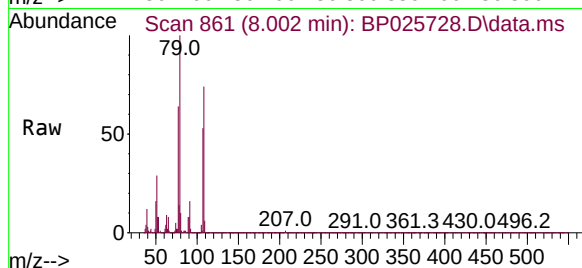
77 63.9 50.2 75.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 21.700 ng

RT: 8.272 min Scan# 907

Delta R.T. -0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

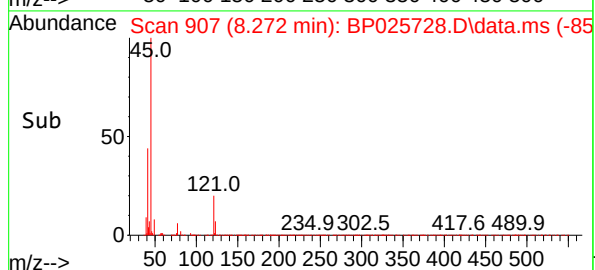
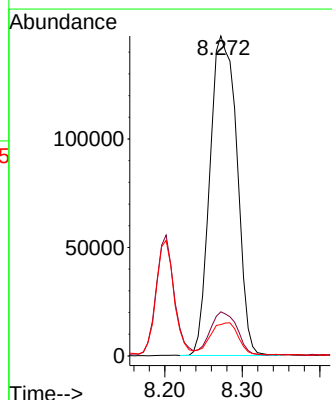
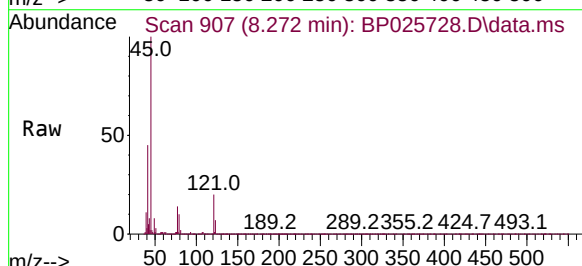
Tgt Ion: 45 Resp: 356609

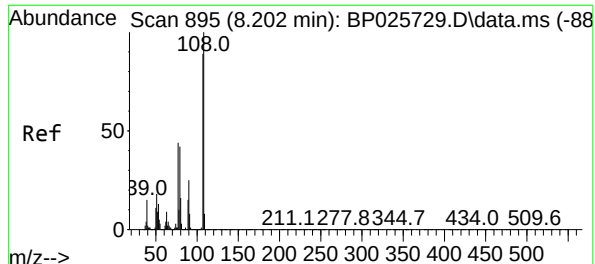
Ion Ratio Lower Upper

45 100

77 13.8 0.0 33.1

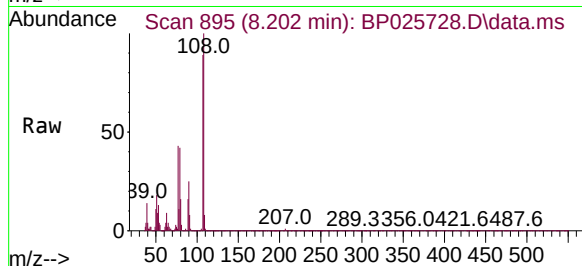
79 9.8 0.0 30.0





#17
2-Methylphenol
Concen: 21.655 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

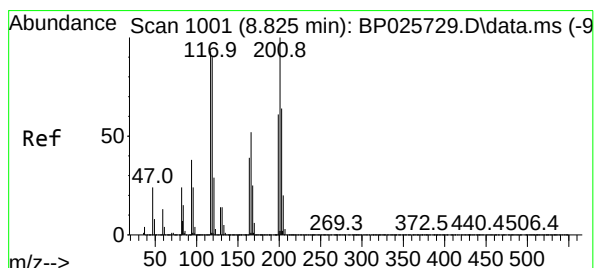
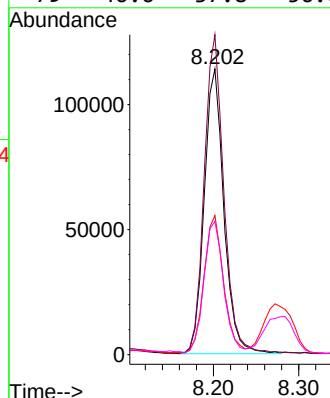
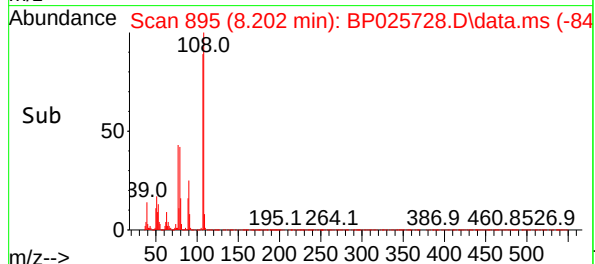
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



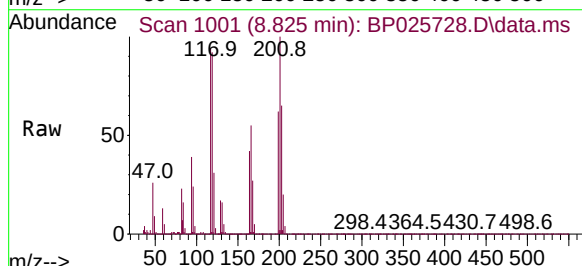
Tgt Ion:107 Resp: 182618
Ion Ratio Lower Upper
107 100
108 112.0 89.6 134.4
77 48.7 39.3 58.9
79 46.6 37.8 56.6

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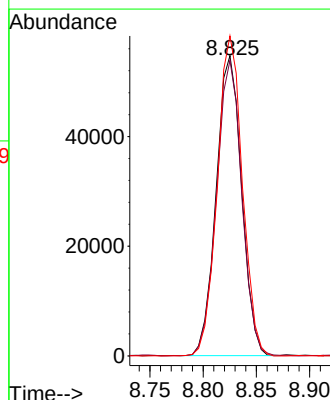
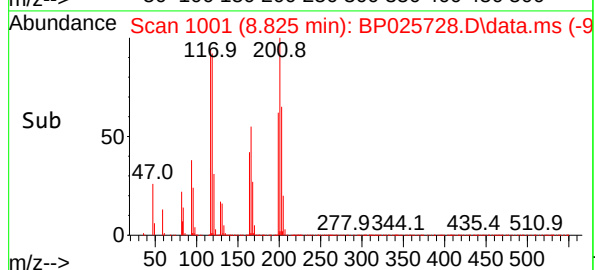
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

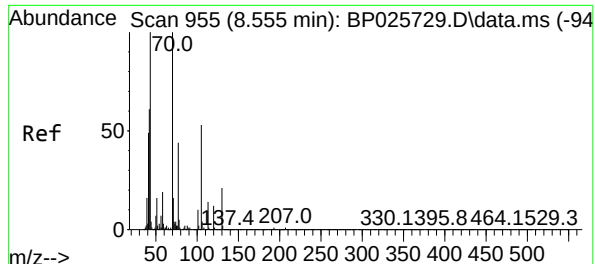


#18
Hexachloroethane
Concen: 21.012 ng
RT: 8.825 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59



Tgt Ion:117 Resp: 91098
Ion Ratio Lower Upper
117 100
119 98.4 77.1 115.7
201 106.6 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 22.899 ng

RT: 8.555 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 18722

Ion Ratio Lower Upper

70 100

42 59.9 49.0 73.4

101 9.6 7.9 11.9

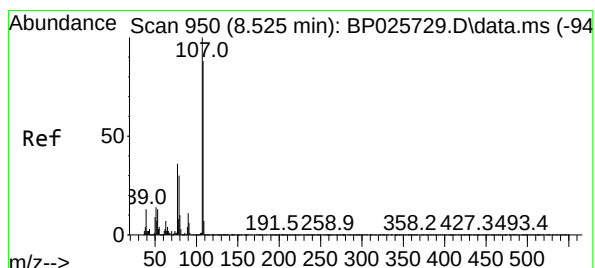
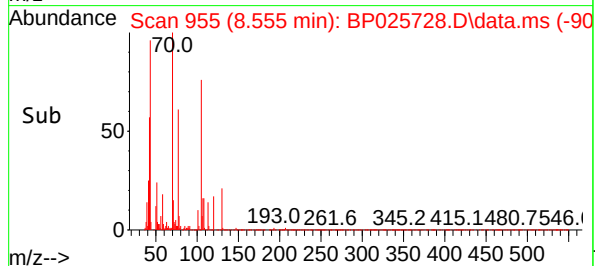
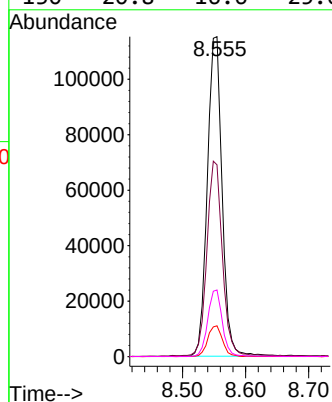
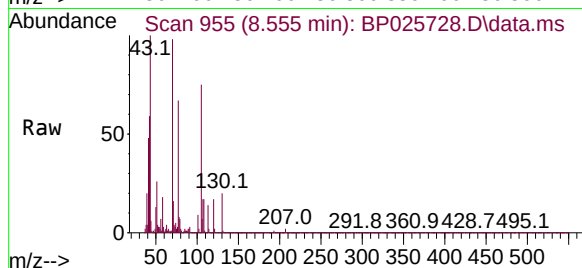
130 20.8 16.6 25.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#20

3+4-Methylphenols

Concen: 20.978 ng

RT: 8.525 min Scan# 950

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Tgt Ion:107 Resp: 247752

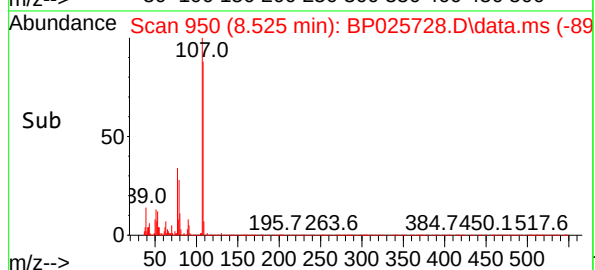
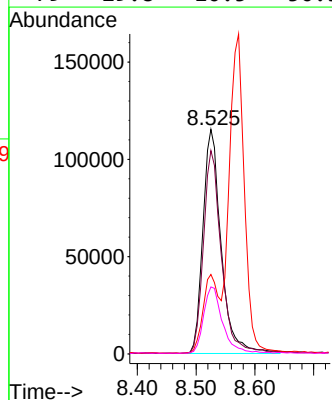
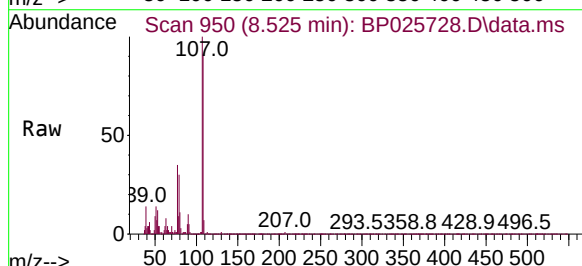
Ion Ratio Lower Upper

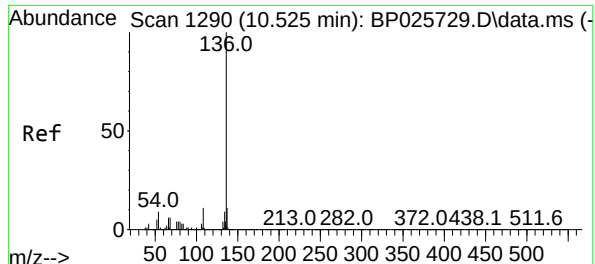
107 100

108 90.5 67.8 107.8

77 35.4 16.1 56.1

79 29.8 10.5 50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.525 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 606294

Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 8.7 7.5 11.3

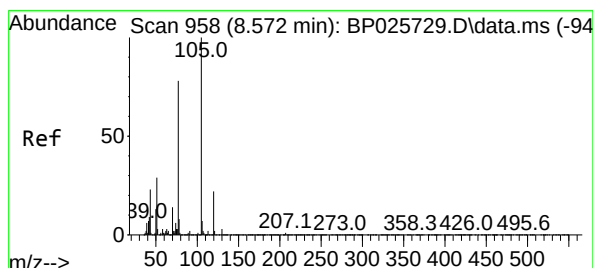
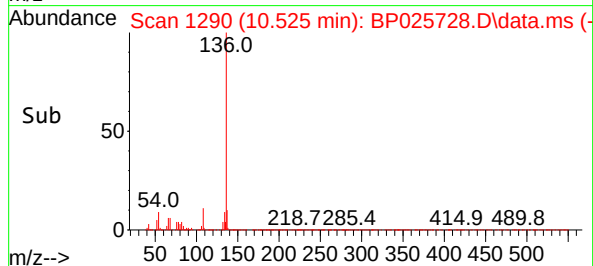
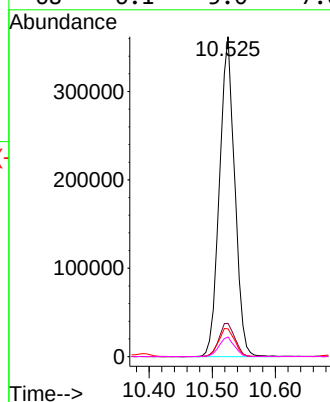
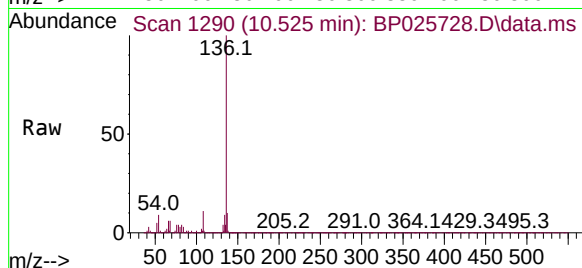
68 6.1 5.0 7.6

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#22

Acetophenone

Concen: 21.823 ng

RT: 8.572 min Scan# 958

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Tgt Ion:105 Resp: 353588

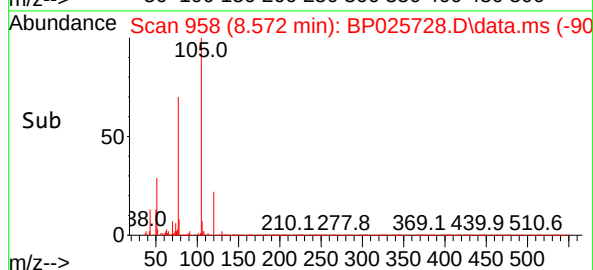
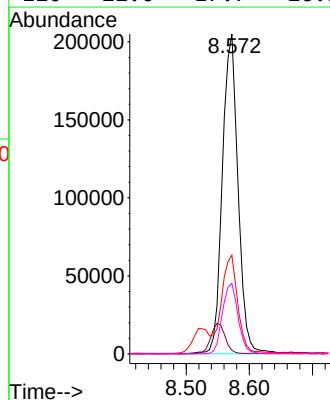
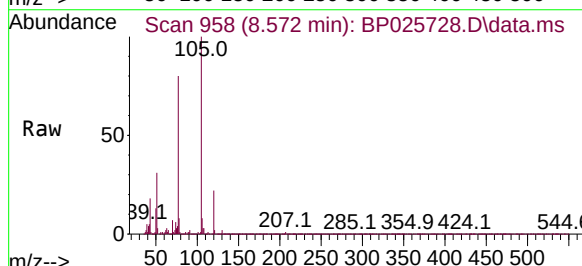
Ion Ratio Lower Upper

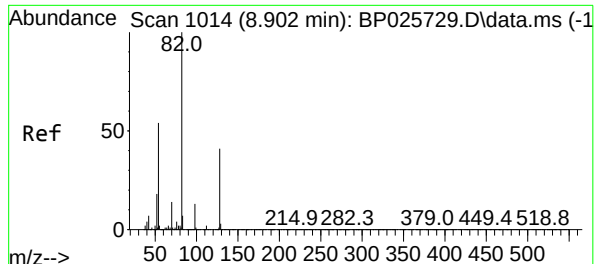
105 100

71 1.2 1.8 2.8

51 30.8 23.5 35.3

120 22.0 17.7 26.5





#23

Nitrobenzene-d5

Concen: 43.226 ng

RT: 8.902 min Scan# 1014

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 594129

Ion Ratio Lower Upper

82 100

128 41.4 32.9 49.3

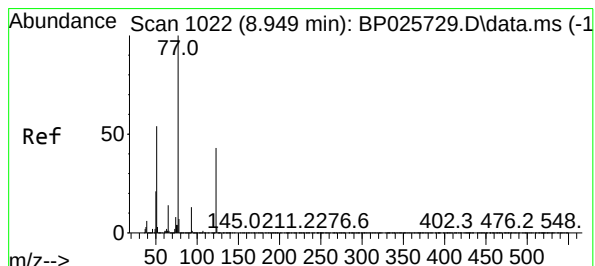
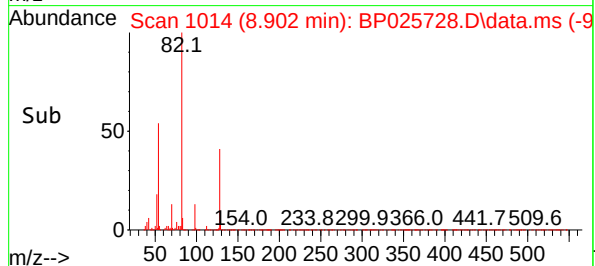
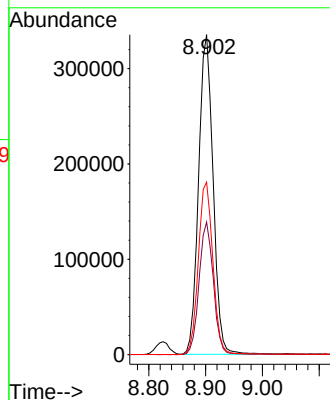
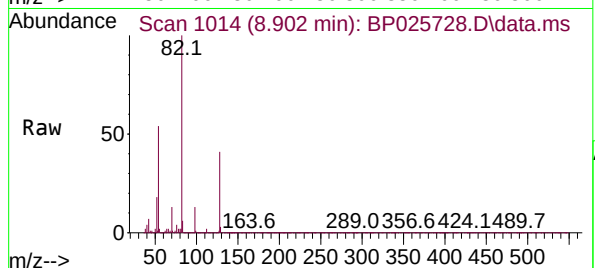
54 53.9 43.4 65.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#24

Nitrobenzene

Concen: 21.629 ng

RT: 8.943 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

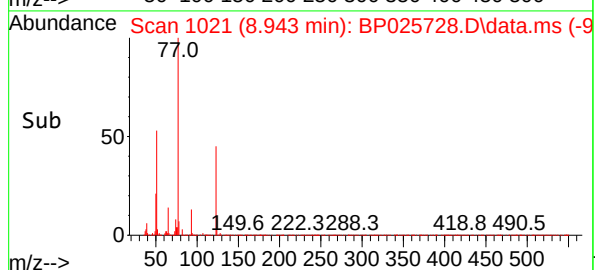
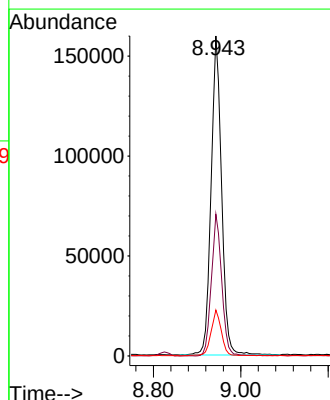
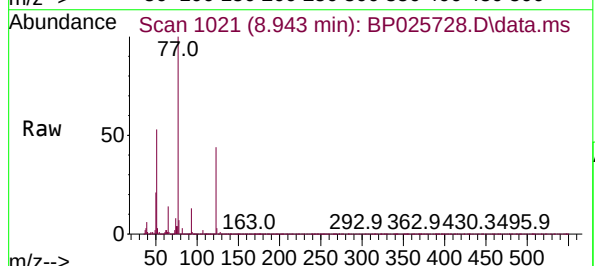
Tgt Ion: 77 Resp: 266699

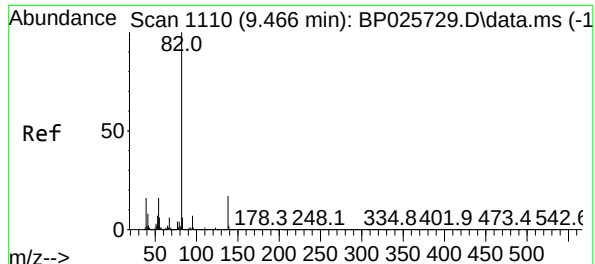
Ion Ratio Lower Upper

77 100

123 44.3 34.4 51.6

65 14.3 10.8 16.2





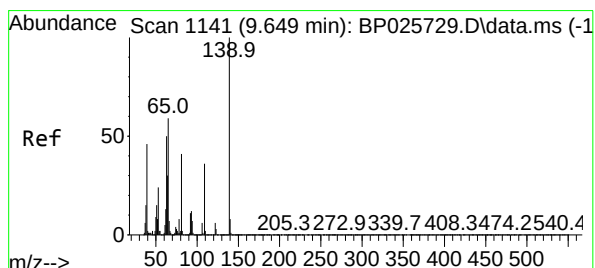
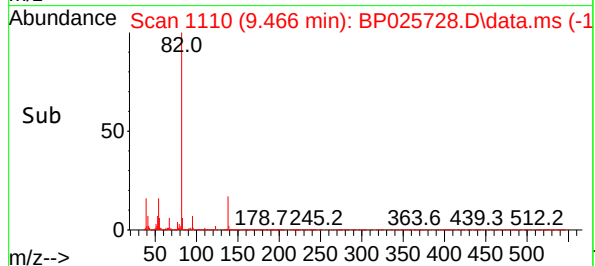
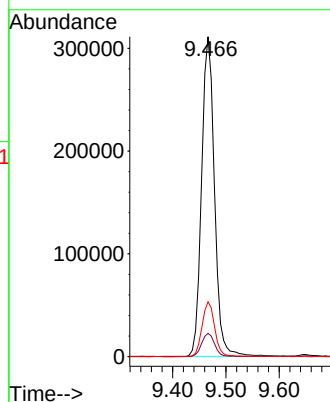
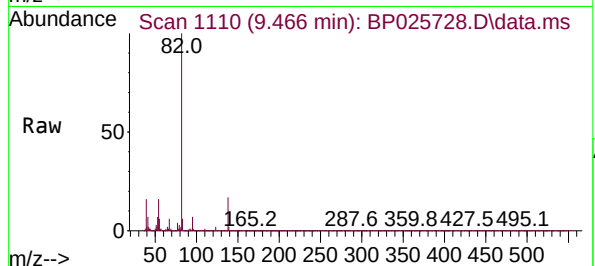
#25
Isophorone
Concen: 21.636 ng
RT: 9.466 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 522705
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 17.1 13.5 20.3

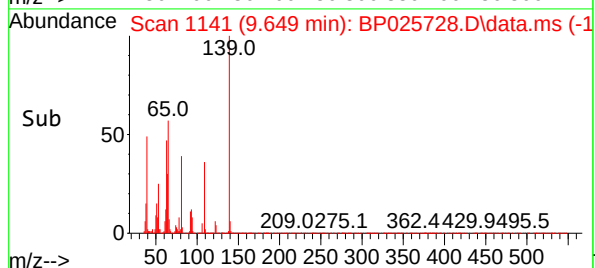
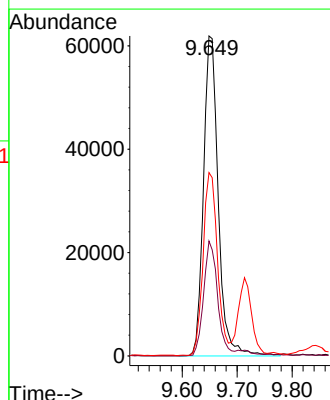
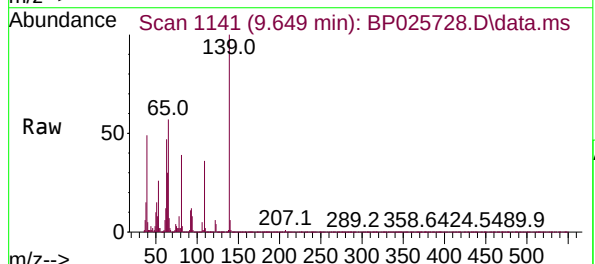
Manual Integrations
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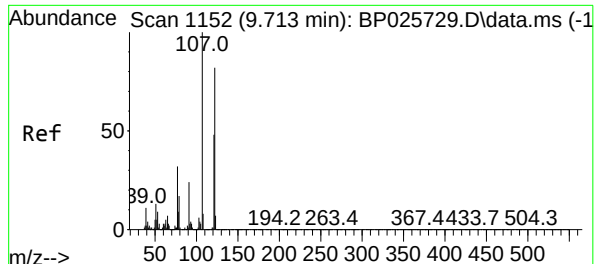
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#26
2-Nitrophenol
Concen: 21.038 ng
RT: 9.649 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:139 Resp: 115173
Ion Ratio Lower Upper
139 100
109 35.9 29.0 43.4
65 57.3 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 21.760 ng

RT: 9.713 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:122 Resp: 208989

Ion Ratio Lower Upper

122 100

107 120.9 97.9 146.9

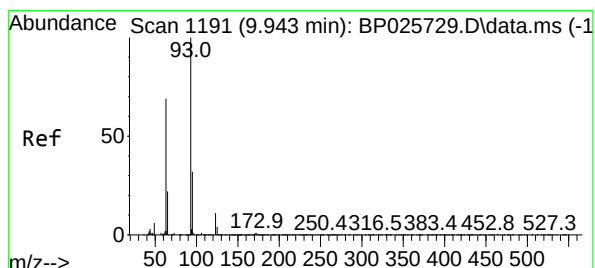
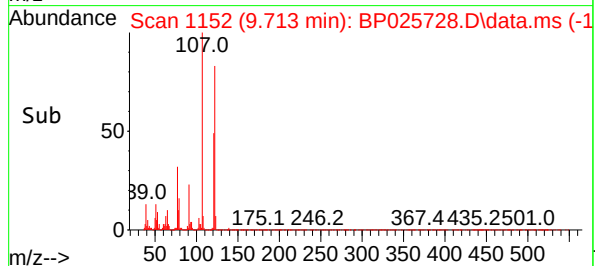
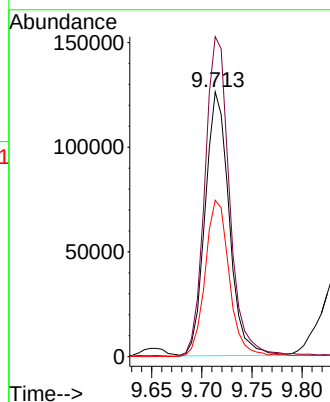
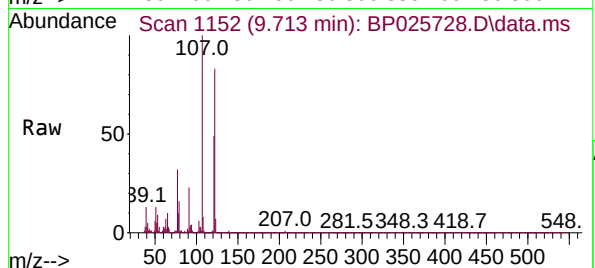
121 59.1 47.4 71.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#28

bis(2-Chloroethoxy)methane

Concen: 22.163 ng

RT: 9.937 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

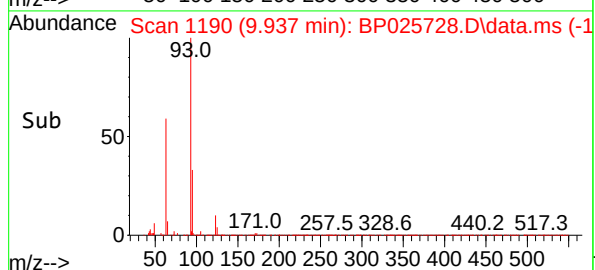
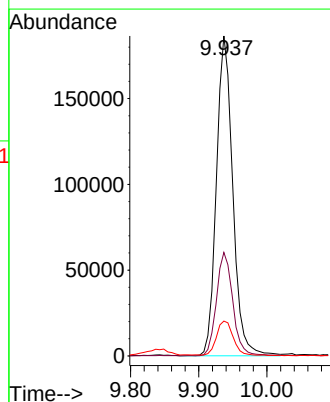
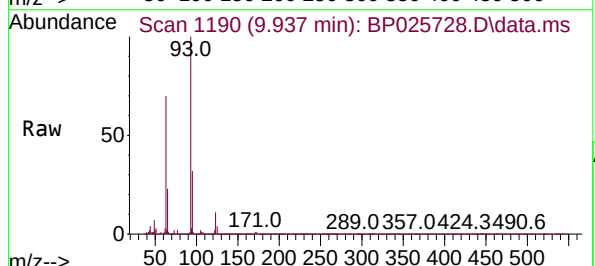
Tgt Ion: 93 Resp: 309508

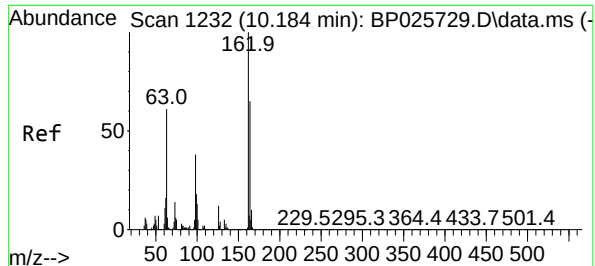
Ion Ratio Lower Upper

93 100

95 32.3 25.6 38.4

123 10.9 9.2 13.8





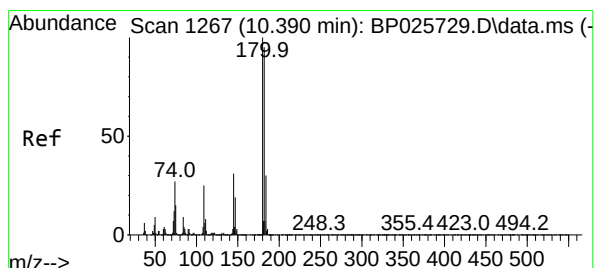
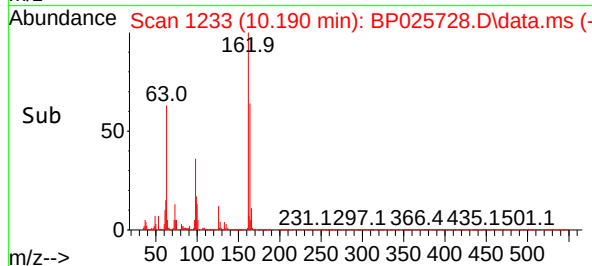
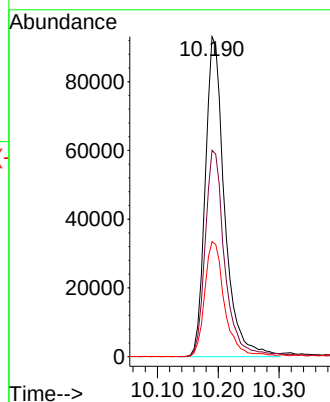
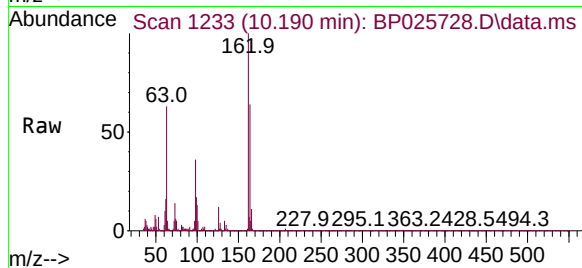
#29
2,4-Dichlorophenol
Concen: 21.441 ng
RT: 10.190 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 205319
Ion Ratio Lower Upper
162 100
164 64.5 44.7 84.7
98 35.9 18.1 58.1

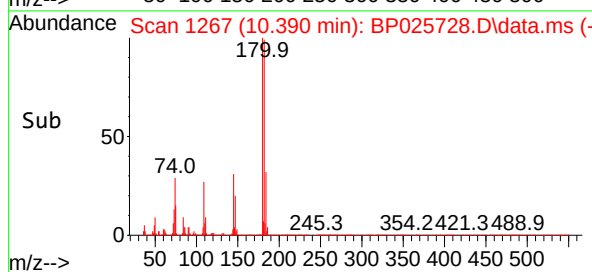
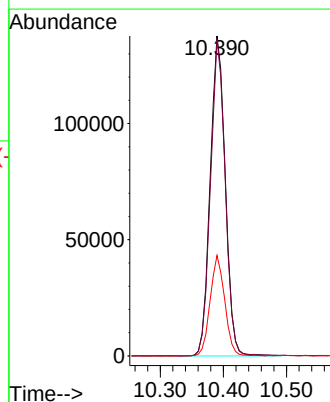
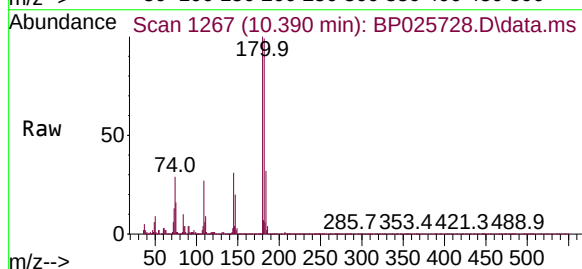
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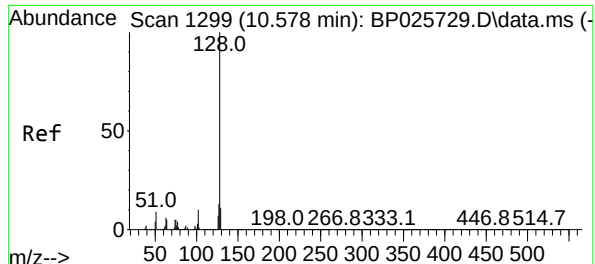
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#30
1,2,4-Trichlorobenzene
Concen: 21.170 ng
RT: 10.390 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:180 Resp: 228468
Ion Ratio Lower Upper
180 100
182 98.8 76.0 114.0
145 31.4 24.7 37.1





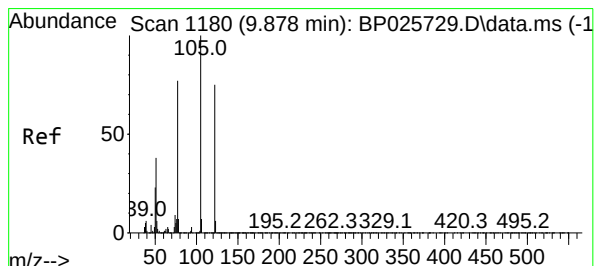
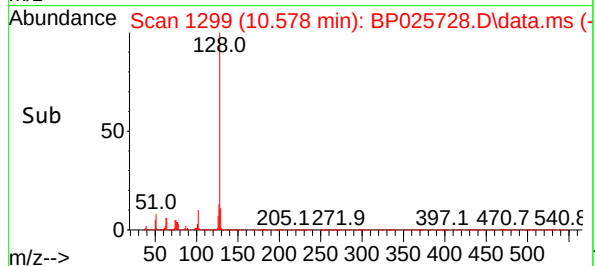
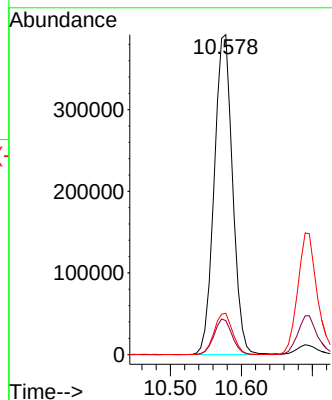
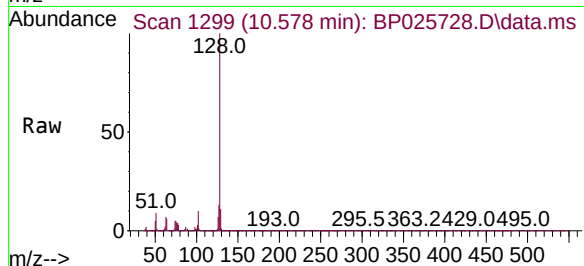
#31
Naphthalene
Concen: 21.579 ng
RT: 10.578 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 705465
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 12.9 10.2 15.4

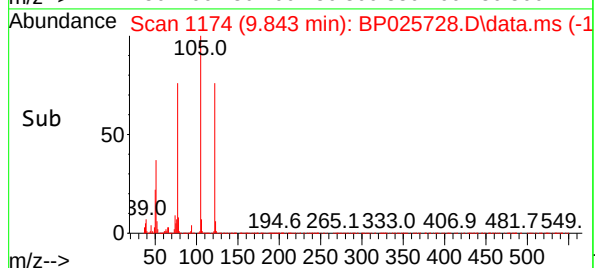
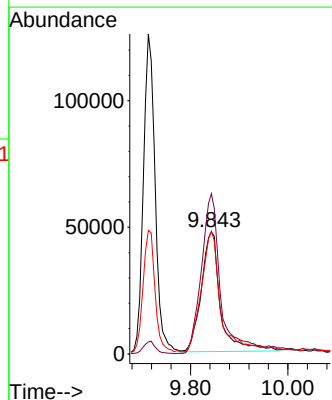
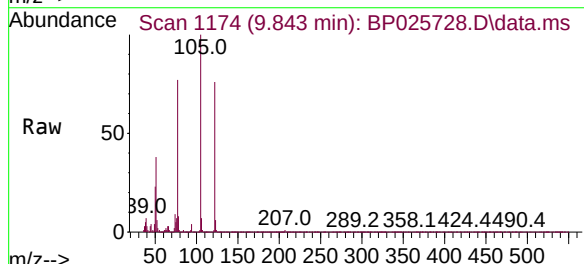
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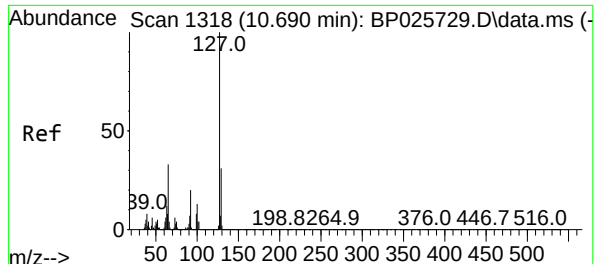
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#32
Benzoic acid
Concen: 18.170 ng
RT: 9.843 min Scan# 1174
Delta R.T. -0.035 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

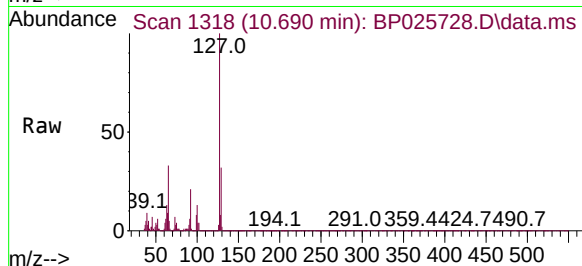
Tgt Ion:122 Resp: 129745
Ion Ratio Lower Upper
122 100
105 131.3 111.5 151.5
77 100.6 81.8 121.8





#33
4-Chloroaniline
Concen: 21.763 ng
RT: 10.690 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

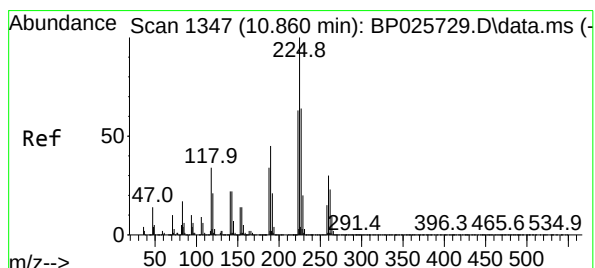
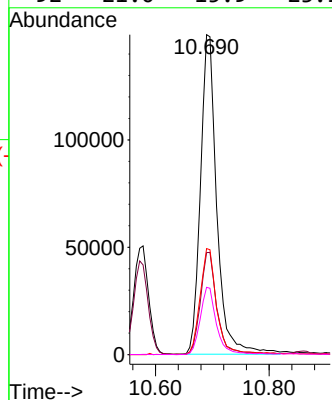
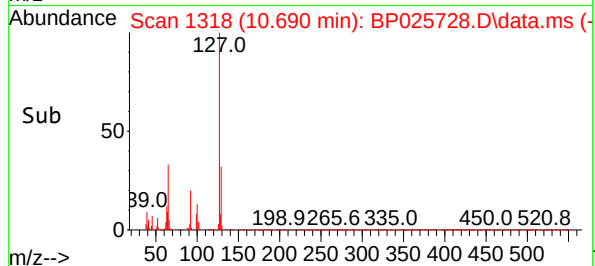
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:127 Resp: 296539
Ion Ratio Lower Upper
127 100
129 31.9 25.1 37.7
65 33.1 26.4 39.6
92 21.0 15.9 23.9

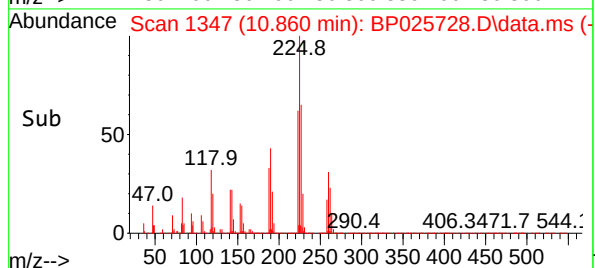
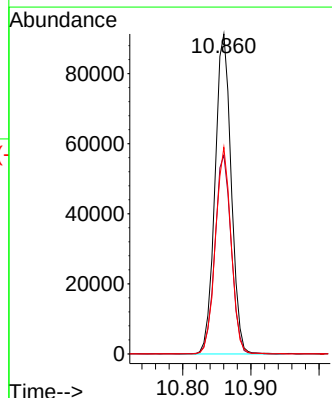
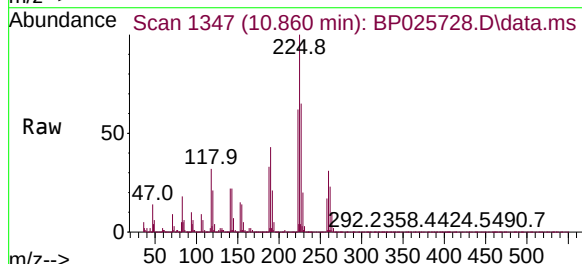
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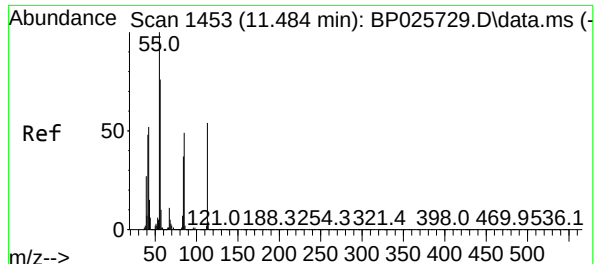
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#34
Hexachlorobutadiene
Concen: 21.583 ng
RT: 10.860 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

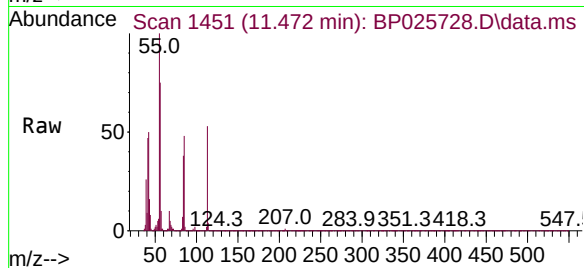
Tgt Ion:225 Resp: 149942
Ion Ratio Lower Upper
225 100
223 62.1 50.1 75.1
227 64.5 51.2 76.8





#35
Caprolactam
Concen: 20.887 ng
RT: 11.472 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

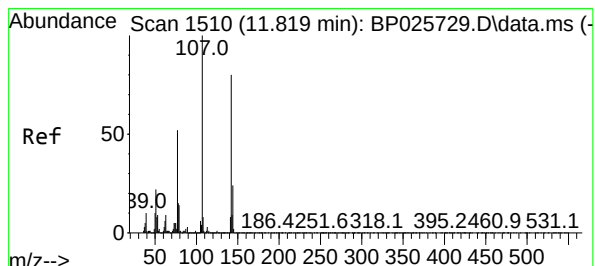
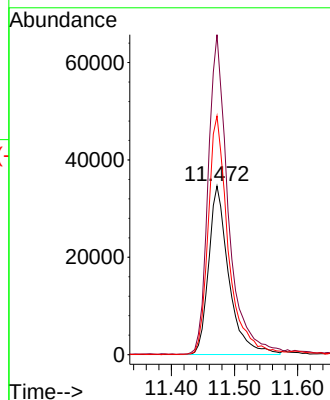
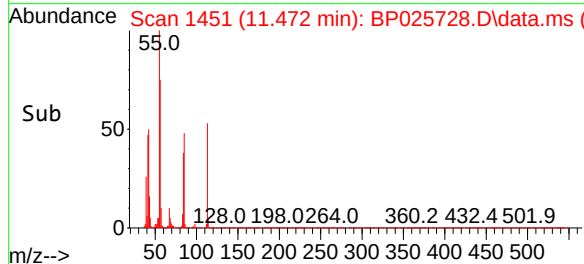
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:113 Resp: 76940
Ion Ratio Lower Upper
113 100
55 189.8 165.5 205.5
56 141.6 121.1 161.1

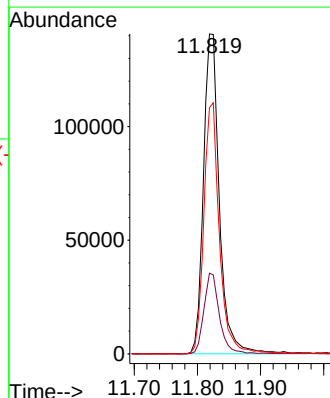
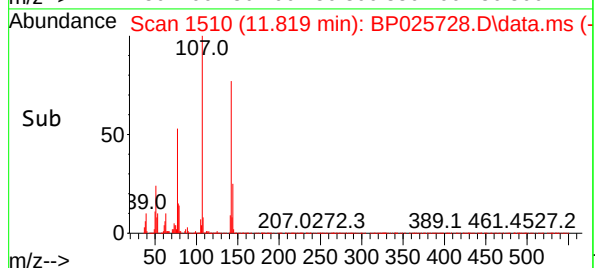
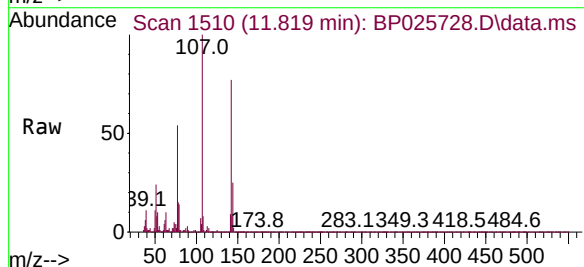
Manual Integrations
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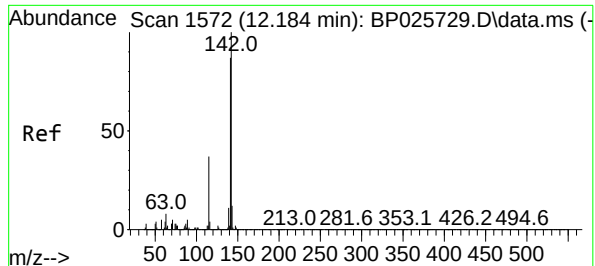
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#36
4-Chloro-3-methylphenol
Concen: 21.548 ng
RT: 11.819 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

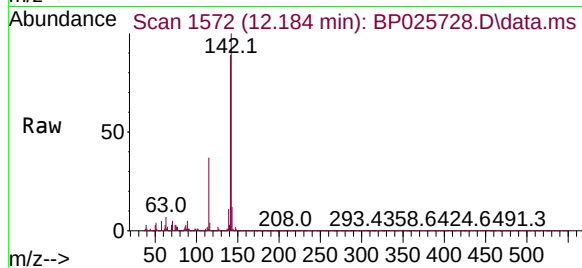
Tgt Ion:107 Resp: 245998
Ion Ratio Lower Upper
107 100
144 25.2 19.4 29.2
142 76.9 63.8 95.6





#37
2-Methylnaphthalene
Concen: 21.896 ng
RT: 12.184 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

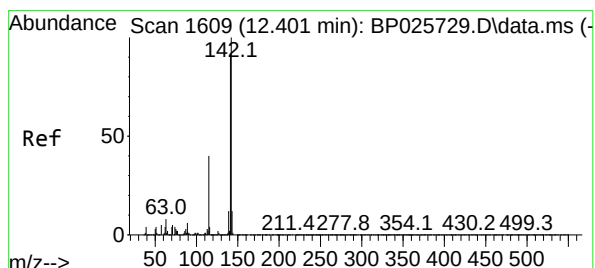
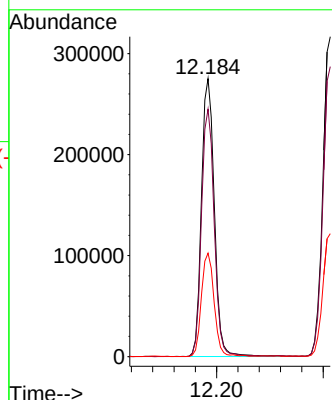
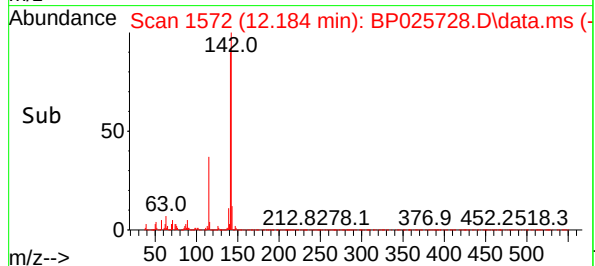
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:142 Resp: 45975
Ion Ratio Lower Upper
142 100
141 89.0 69.6 104.4
115 37.2 30.0 45.0

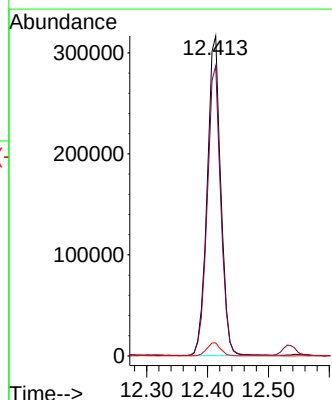
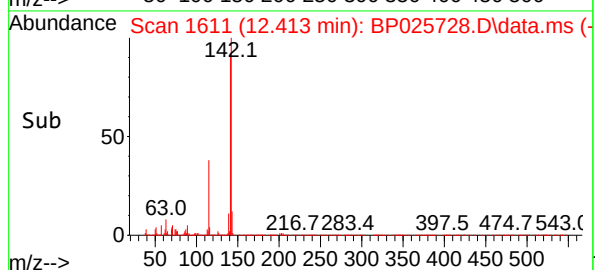
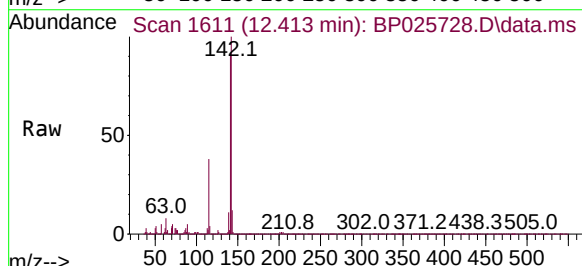
Manual Integrations
APPROVED

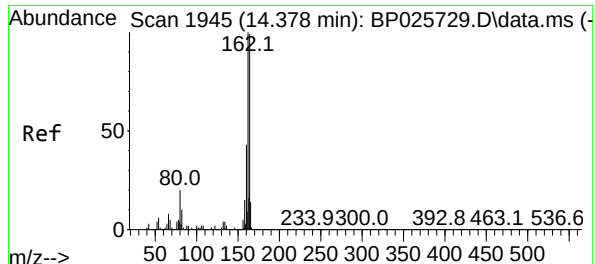
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#38
1-Methylnaphthalene
Concen: 21.851 ng
RT: 12.413 min Scan# 1611
Delta R.T. 0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:142 Resp: 489270
Ion Ratio Lower Upper
142 100
141 90.6 72.7 109.1
116 4.1 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.378 min Scan# 1945

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

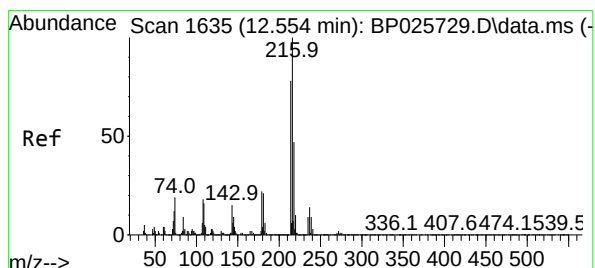
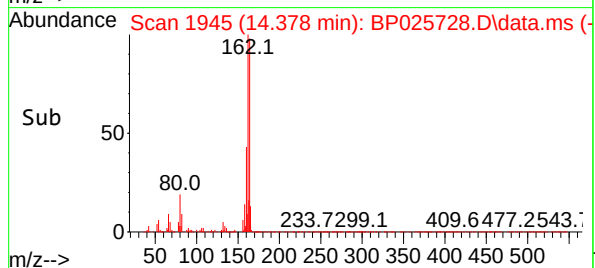
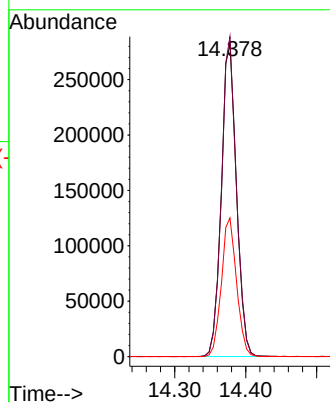
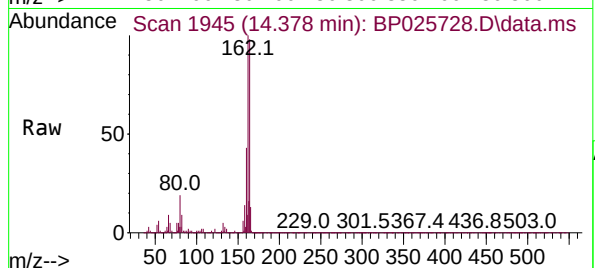
SSTDICC020

Tgt Ion:	164	Resp:	41887
Ion Ratio	Lower	Upper	
164	100		
162	102.4	80.6	120.8
160	44.3	35.0	52.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.536 ng

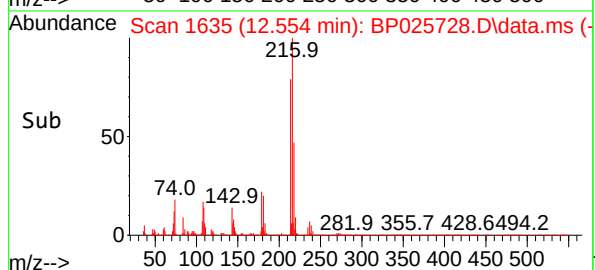
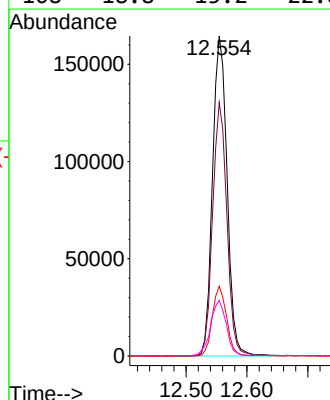
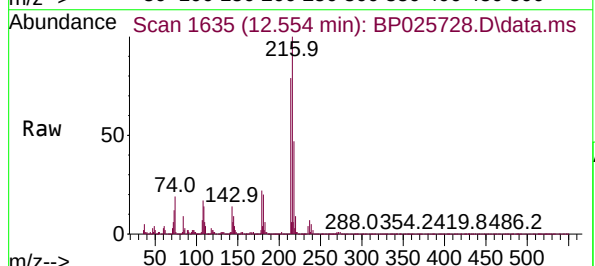
RT: 12.554 min Scan# 1635

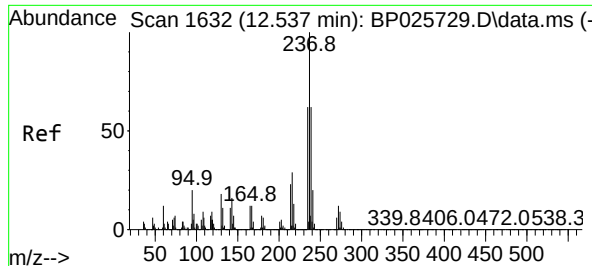
Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

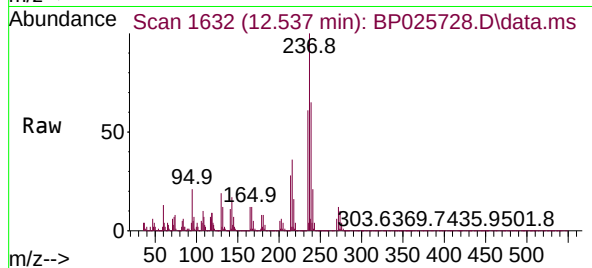
Tgt Ion:	216	Resp:	273360
Ion Ratio	Lower	Upper	
216	100		
214	77.8	62.4	93.6
179	21.3	17.0	25.6
108	18.8	15.2	22.8





#41
Hexachlorocyclopentadiene
Concen: 19.753 ng
RT: 12.537 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

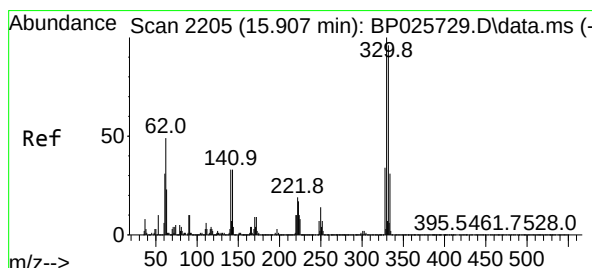
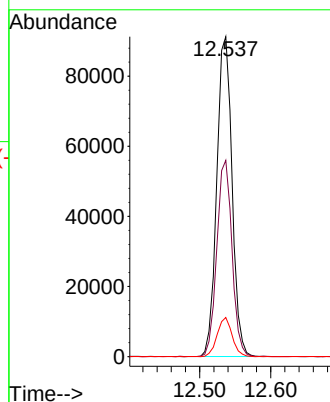
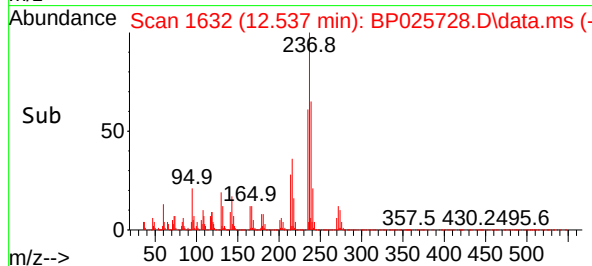
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:237 Resp: 136556
Ion Ratio Lower Upper
237 100
235 61.3 41.9 81.9
272 12.2 0.0 31.8

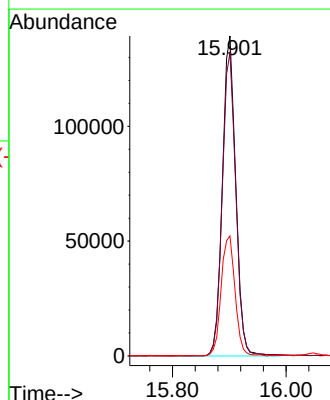
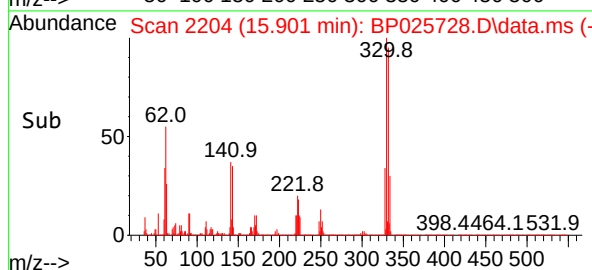
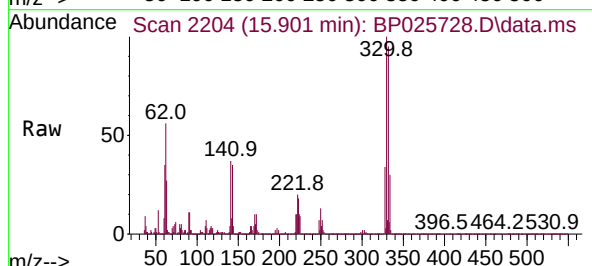
Manual Integrations
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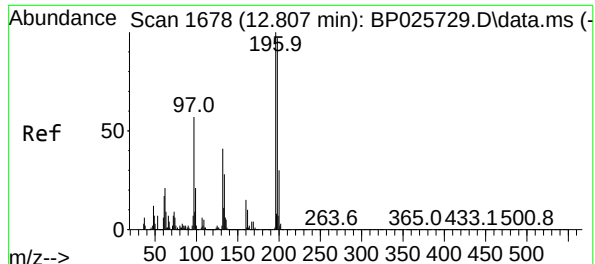
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#42
2,4,6-Tribromophenol
Concen: 43.363 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:330 Resp: 226554
Ion Ratio Lower Upper
330 100
332 95.6 76.9 115.3
141 39.2 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 21.851 ng

RT: 12.807 min Scan# 1678

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:196 Resp: 18233

Ion Ratio Lower Upper

196 100

198 97.6 77.2 115.8

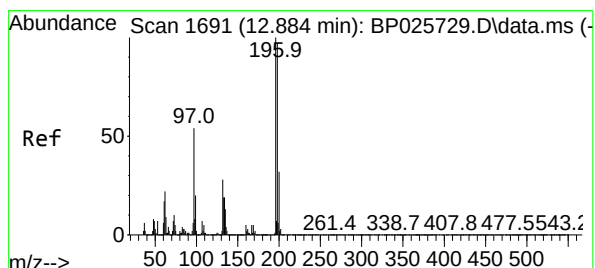
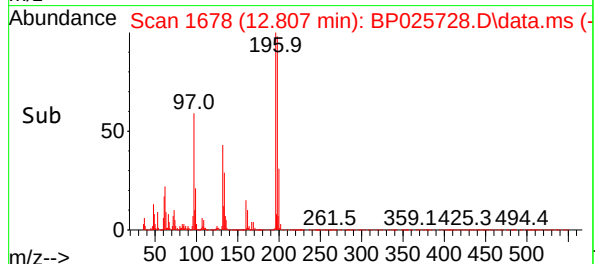
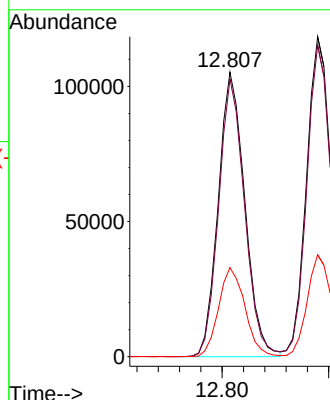
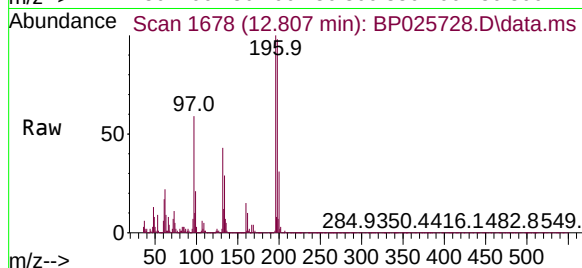
200 31.3 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#44

2,4,5-Trichlorophenol

Concen: 21.728 ng

RT: 12.890 min Scan# 1692

Delta R.T. 0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Tgt Ion:196 Resp: 201778

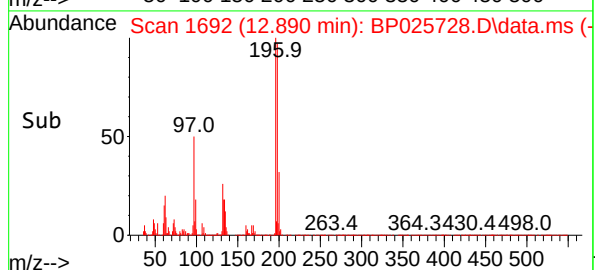
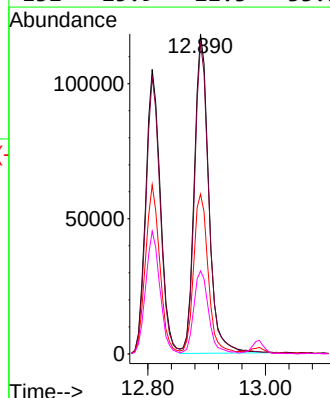
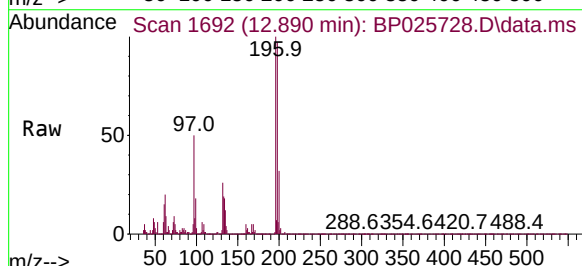
Ion Ratio Lower Upper

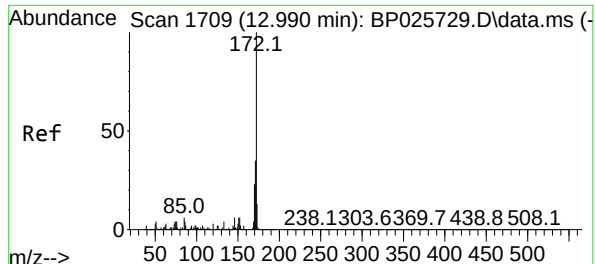
196 100

198 97.4 77.8 116.8

97 49.9 43.3 64.9

132 25.9 22.3 33.5





#45
2-Fluorobiphenyl
Concen: 44.072 ng
RT: 12.990 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

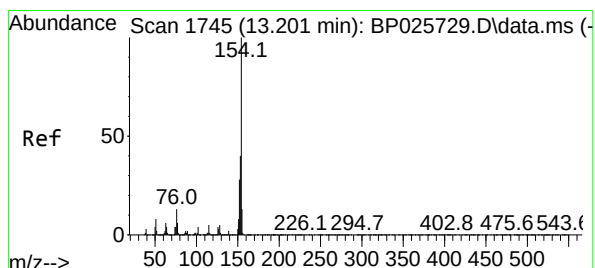
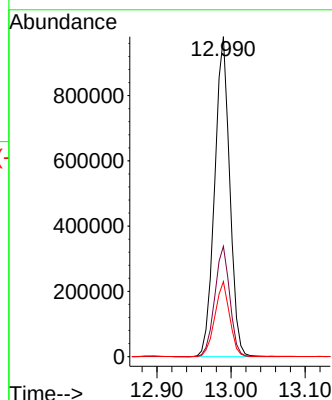
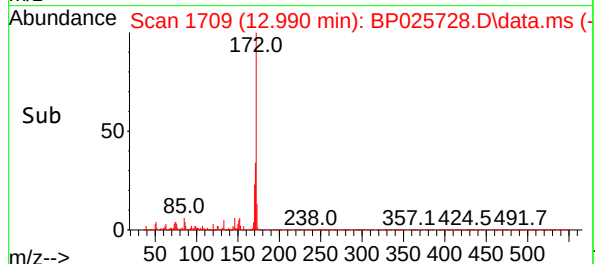
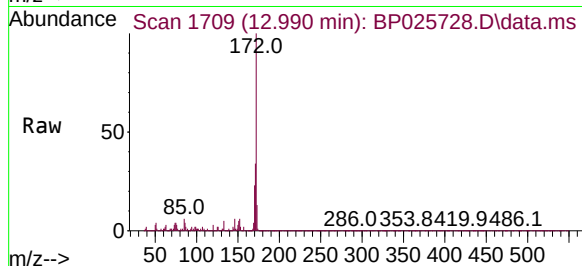
SSTDICC020

Tgt Ion:172 Resp: 1386426
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.4 18.6 27.8

Manual Integrations

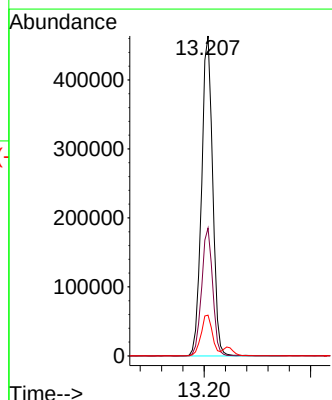
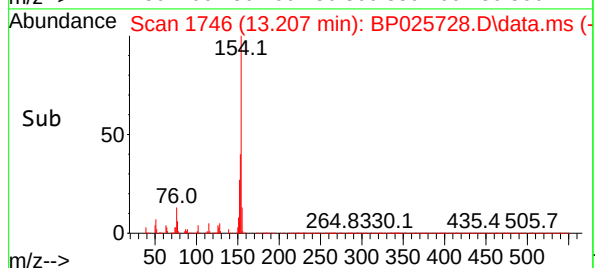
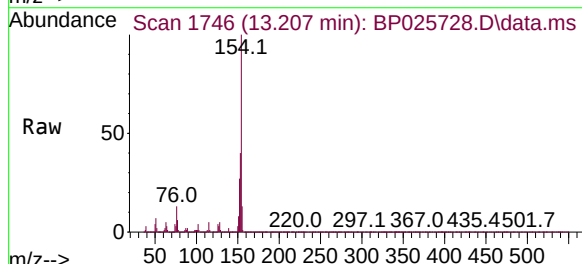
APPROVED

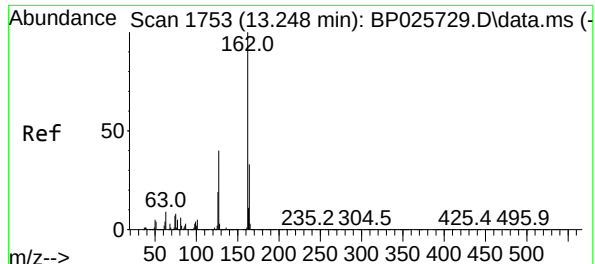
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#46
1,1'-Biphenyl
Concen: 21.788 ng
RT: 13.207 min Scan# 1746
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:154 Resp: 669889
Ion Ratio Lower Upper
154 100
153 39.9 19.7 59.7
76 12.7 0.0 33.3





#47

2-Chloronaphthalene

Concen: 21.665 ng

RT: 13.243 min Scan# 1752

Delta R.T. -0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 52448

Ion Ratio Lower Upper

162 100

127 39.3 32.2 48.4

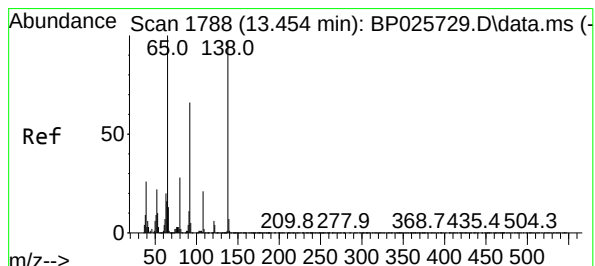
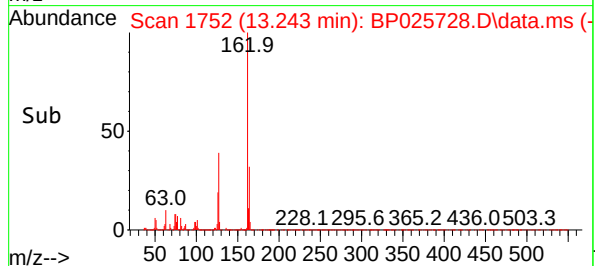
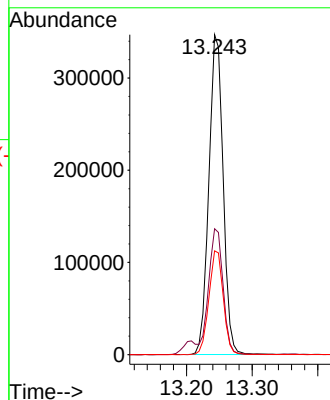
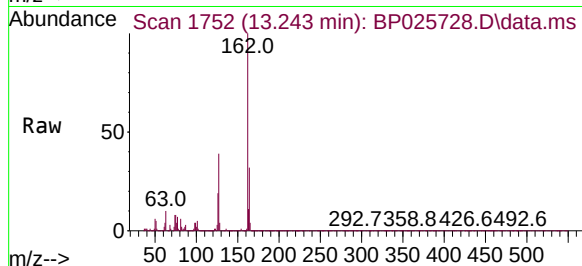
164 32.4 26.5 39.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#48

2-Nitroaniline

Concen: 21.578 ng

RT: 13.460 min Scan# 1789

Delta R.T. 0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

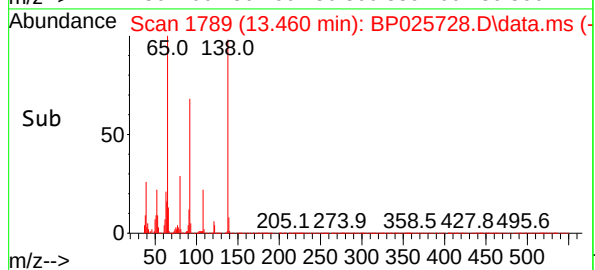
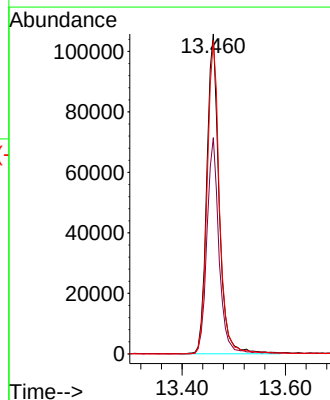
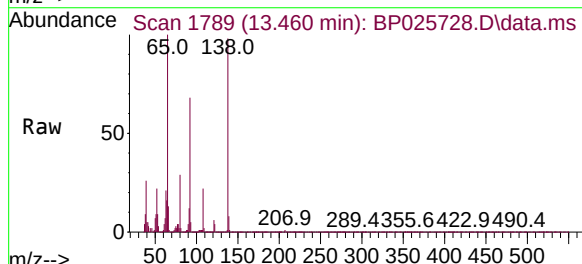
Tgt Ion: 65 Resp: 174129

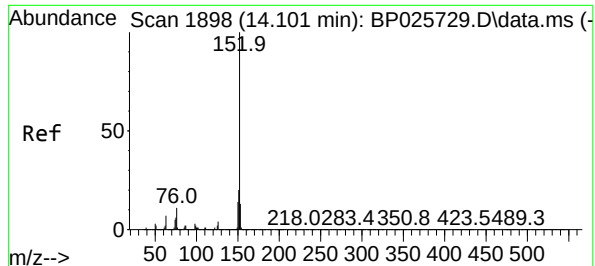
Ion Ratio Lower Upper

65 100

92 67.6 53.1 79.7

138 97.9 77.8 116.8





#49

Acenaphthylene

Concen: 21.873 ng

RT: 14.095 min Scan# 1897

Delta R.T. -0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:152 Resp: 877353

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

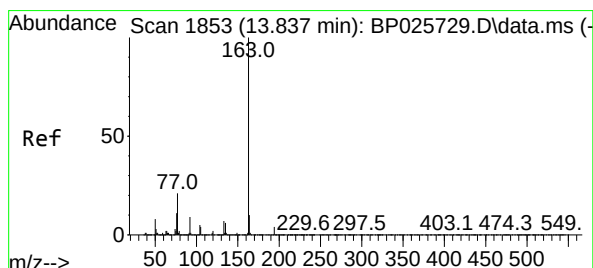
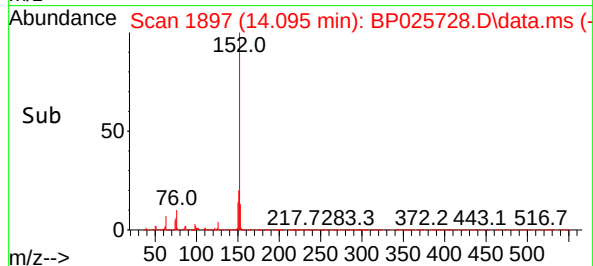
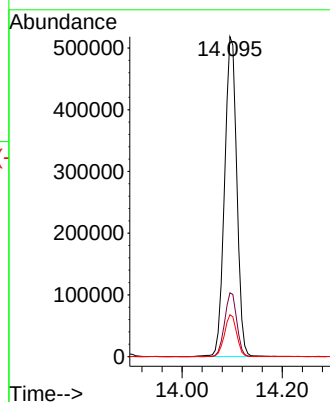
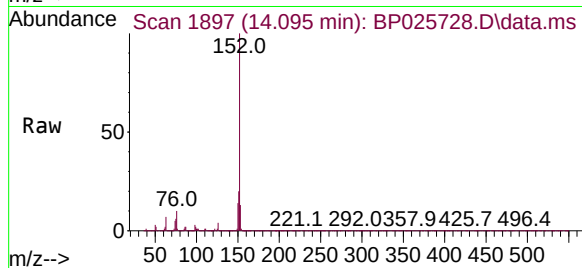
153 13.1 10.5 15.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#50

Dimethylphthalate

Concen: 22.031 ng

RT: 13.837 min Scan# 1853

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

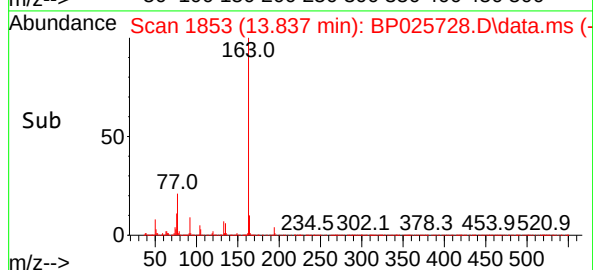
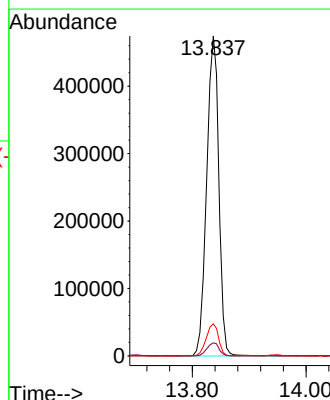
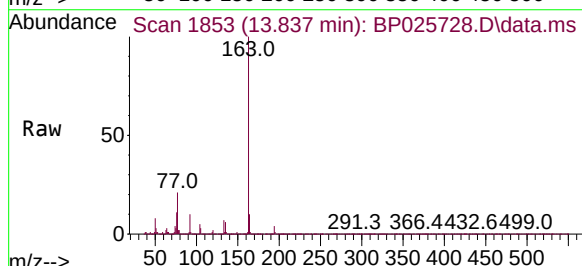
Tgt Ion:163 Resp: 704532

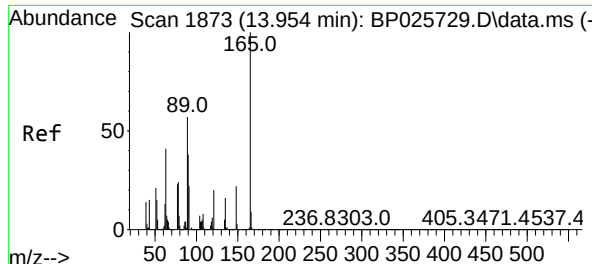
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.0 8.2 12.2





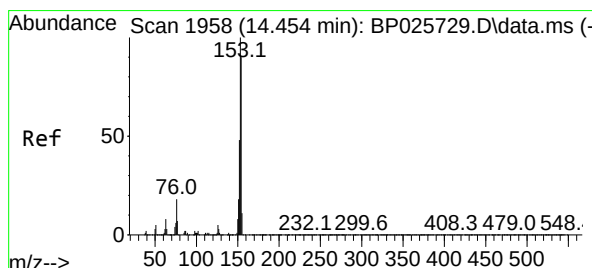
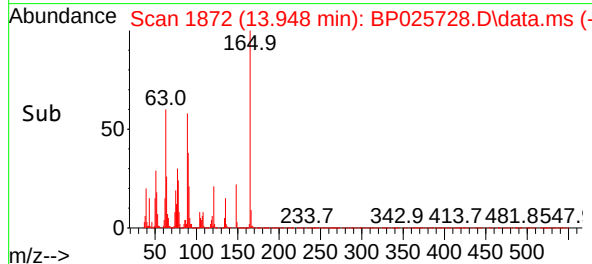
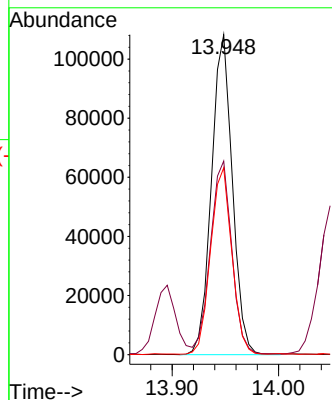
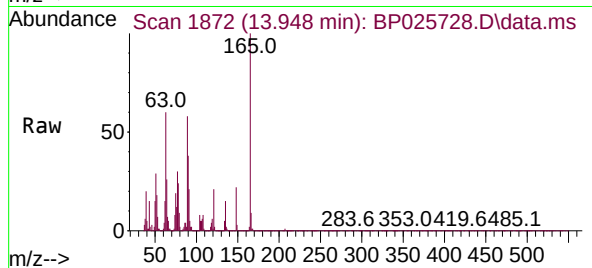
#51
2,6-Dinitrotoluene
Concen: 21.793 ng
RT: 13.948 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 147655
Ion Ratio Lower Upper
165 100
63 60.5 48.1 72.1
89 58.4 45.4 68.0

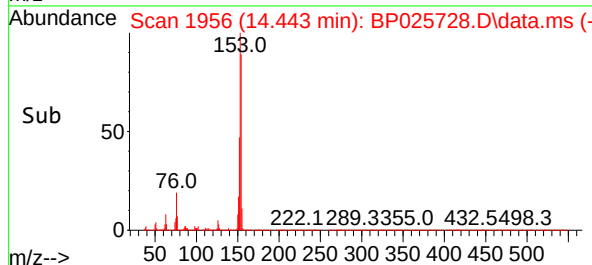
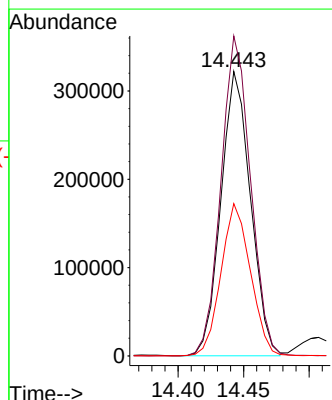
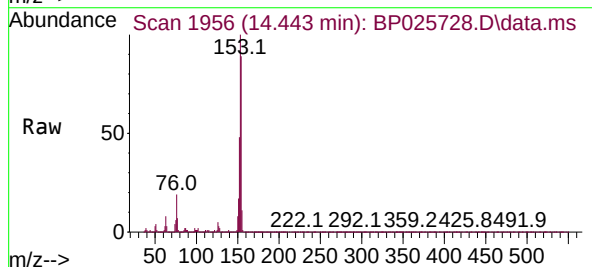
Manual Integrations
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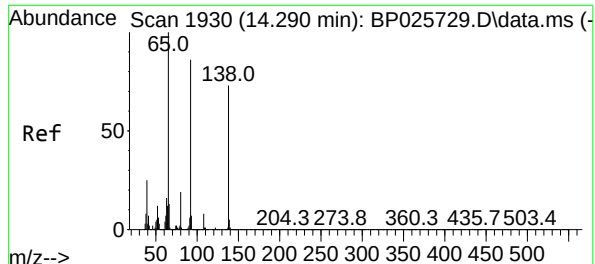
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#52
Acenaphthene
Concen: 21.856 ng
RT: 14.443 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

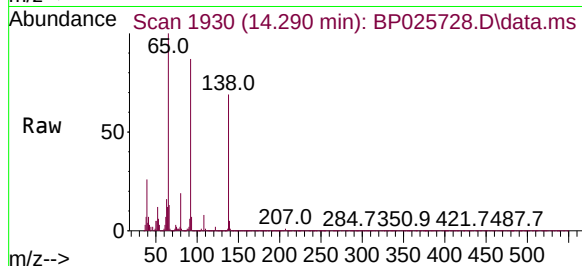
Tgt Ion:154 Resp: 505575
Ion Ratio Lower Upper
154 100
153 112.5 89.4 134.0
152 53.5 42.5 63.7





#53
3-Nitroaniline
Concen: 21.735 ng
RT: 14.290 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

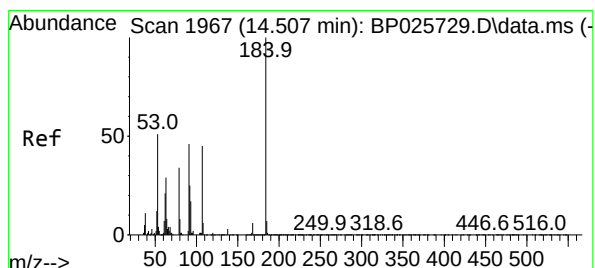
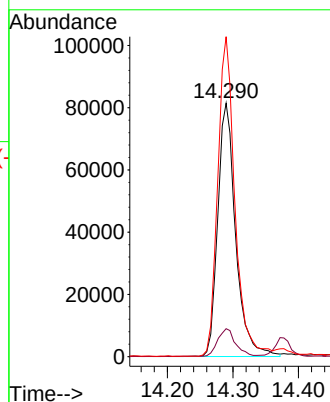
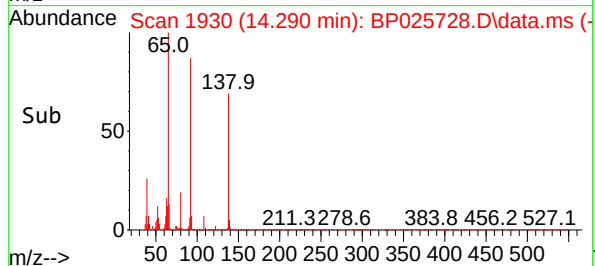
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 154856
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 126.3 94.6 142.0

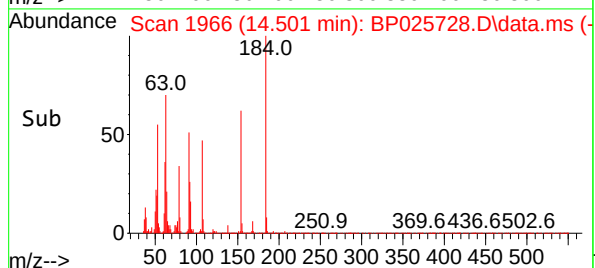
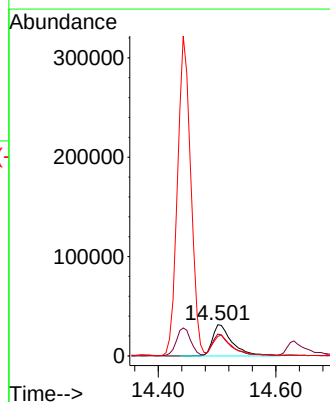
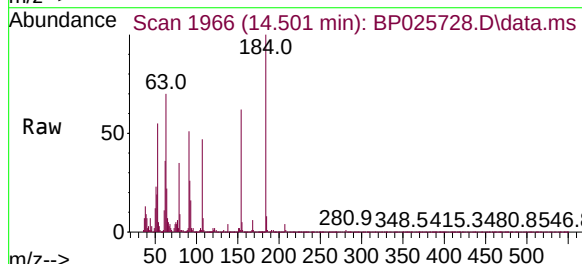
Manual Integrations
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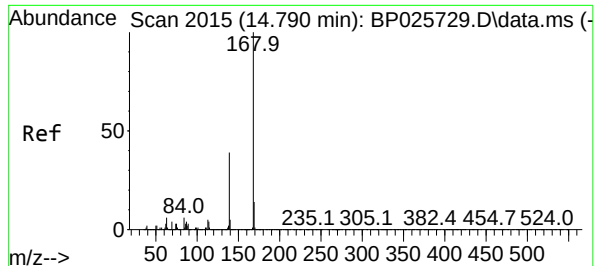
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#54
2,4-Dinitrophenol
Concen: 20.292 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

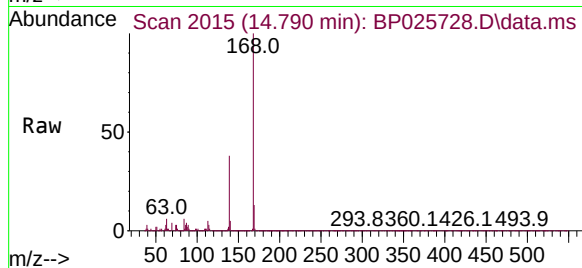
Tgt Ion:184 Resp: 72511
Ion Ratio Lower Upper
184 100
63 70.4 52.5 78.7
154 62.5 51.5 77.3





#55
Dibenzenofuran
Concen: 21.850 ng
RT: 14.790 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

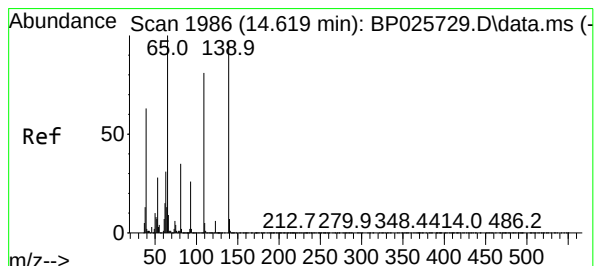
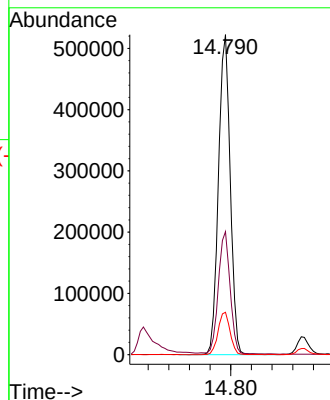
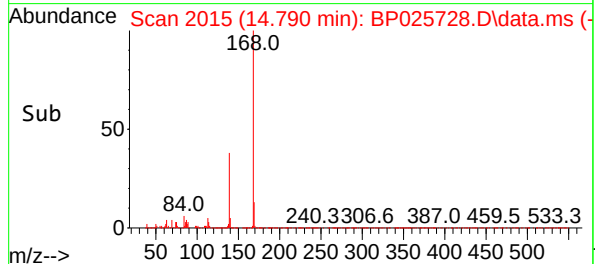
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



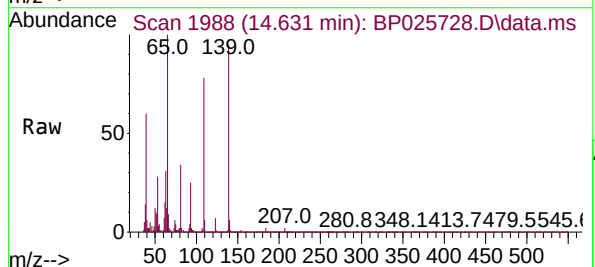
Tgt Ion:168 Resp: 82374
Ion Ratio Lower Upper
168 100
139 38.4 31.7 47.5
169 13.2 10.8 16.2

Manual Integrations
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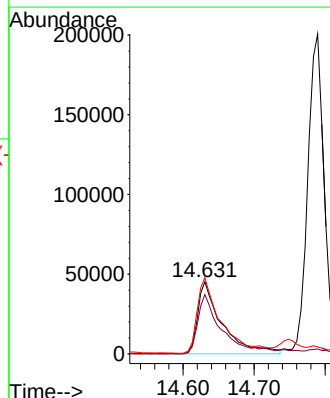
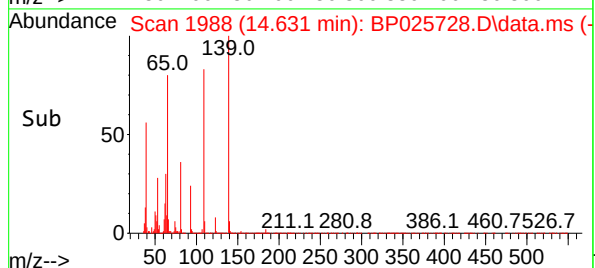
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

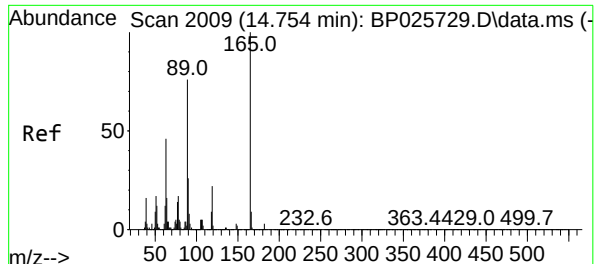


#56
4-Nitrophenol
Concen: 20.895 ng
RT: 14.631 min Scan# 1988
Delta R.T. 0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59



Tgt Ion:139 Resp: 106678
Ion Ratio Lower Upper
139 100
109 82.4 62.9 102.9
65 105.7 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 21.769 ng
RT: 14.754 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

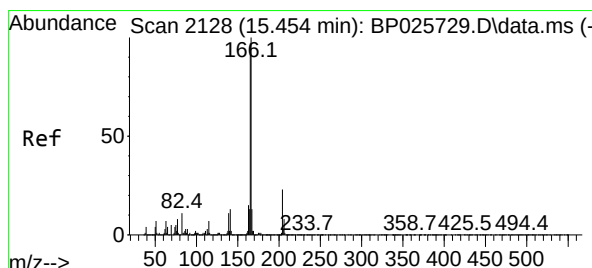
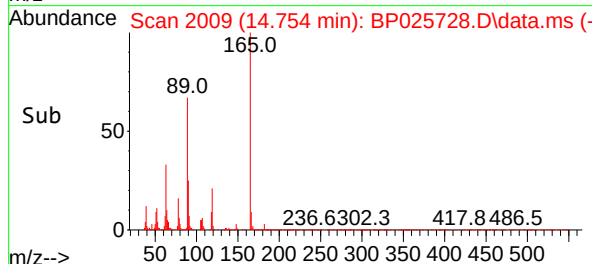
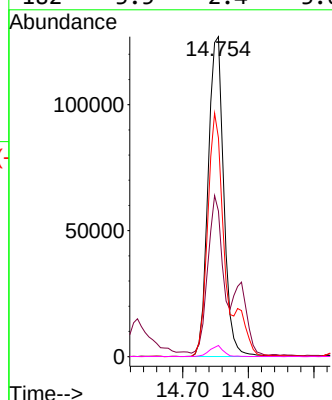
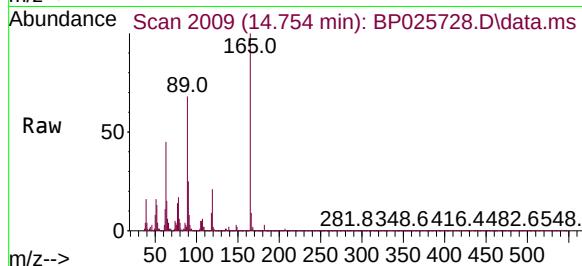
SSTDICC020

Tgt Ion:165 Resp: 209898
Ion Ratio Lower Upper
165 100
63 45.5 37.7 56.5
89 68.3 61.0 91.6
182 3.5 2.4 3.6

Manual Integrations

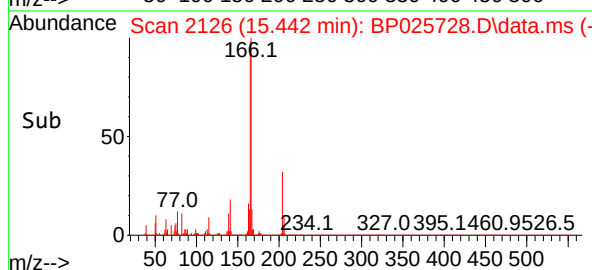
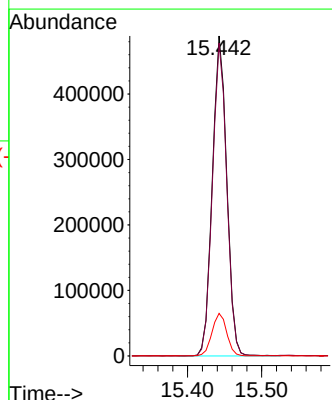
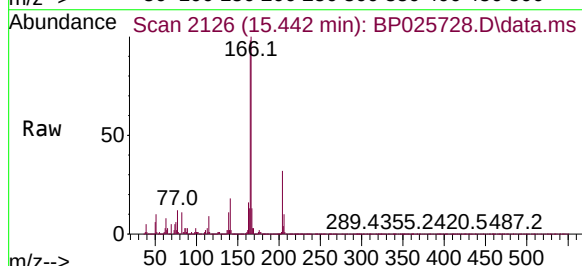
APPROVED

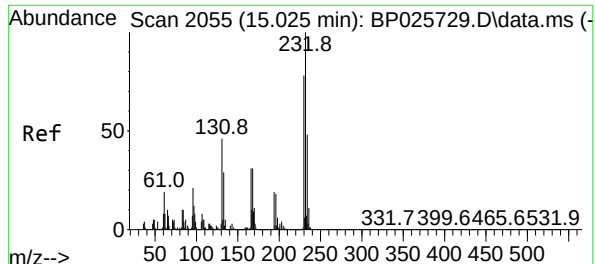
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#58
Fluorene
Concen: 22.068 ng
RT: 15.442 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:166 Resp: 661561
Ion Ratio Lower Upper
166 100
165 97.7 77.7 116.5
167 13.3 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 21.756 ng

RT: 15.025 min Scan# 2055

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:232 Resp: 181997

Ion Ratio Lower Upper

232 100

131 43.9 36.7 55.1

130 2.5 2.0 3.0

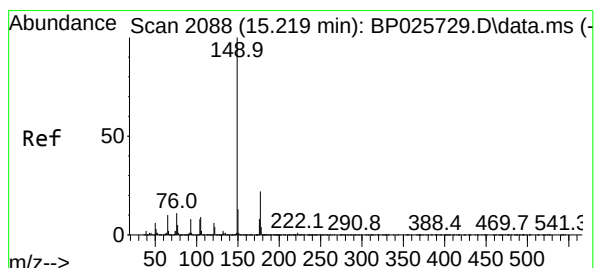
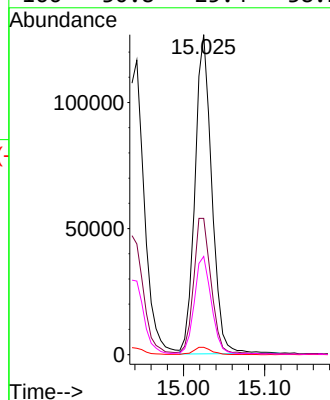
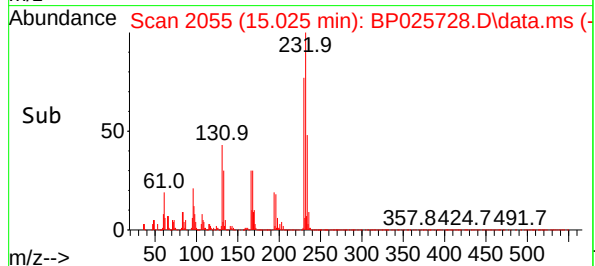
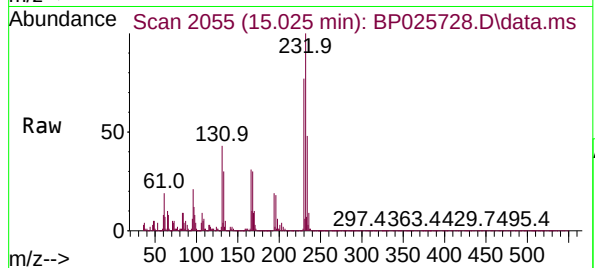
166 30.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#60

Diethylphthalate

Concen: 21.918 ng

RT: 15.213 min Scan# 2087

Delta R.T. -0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

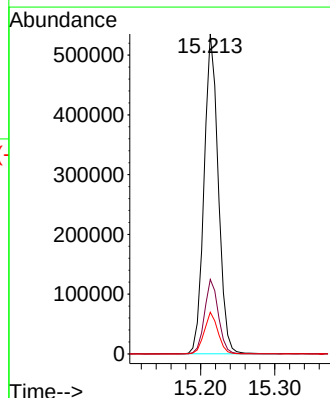
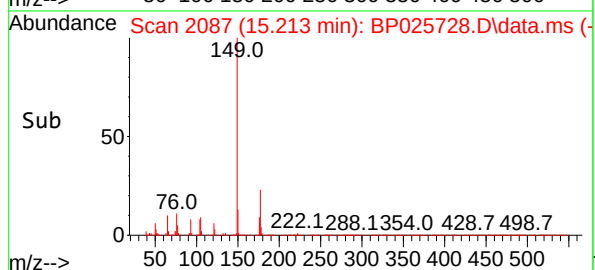
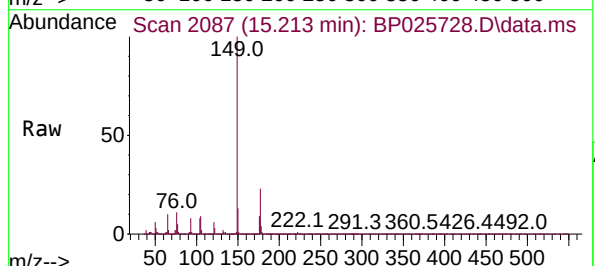
Tgt Ion:149 Resp: 710972

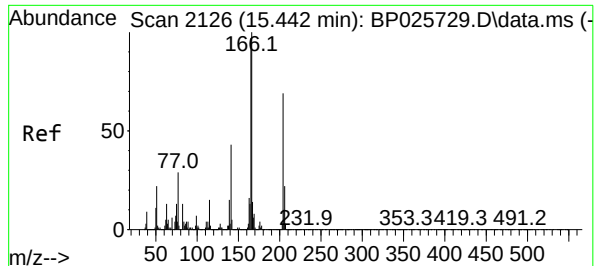
Ion Ratio Lower Upper

149 100

177 23.3 17.7 26.5

150 13.0 10.0 15.0





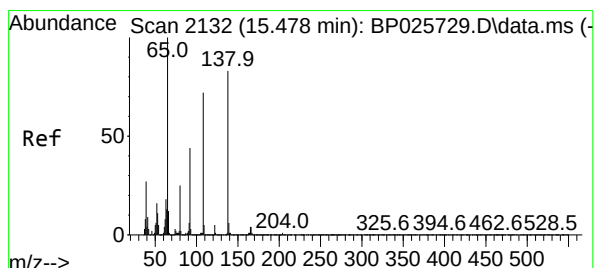
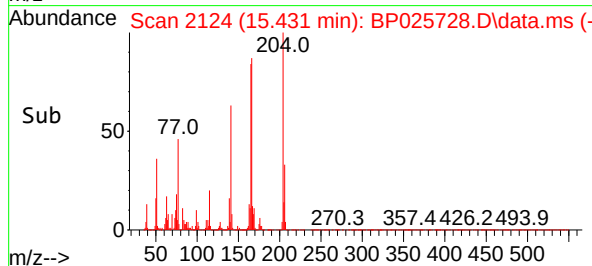
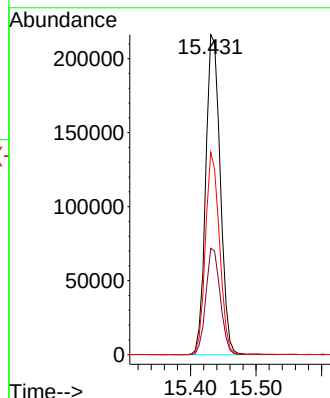
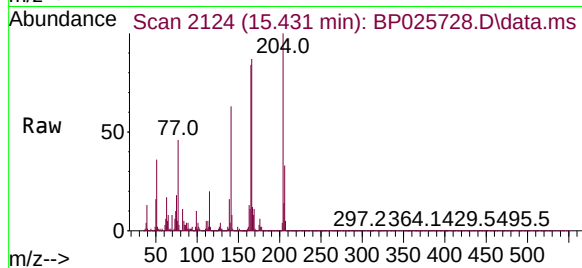
#61
4-Chlorophenyl-phenylether
Concen: 21.917 ng
RT: 15.431 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 204 Resp: 331129
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 63.3 49.7 74.5

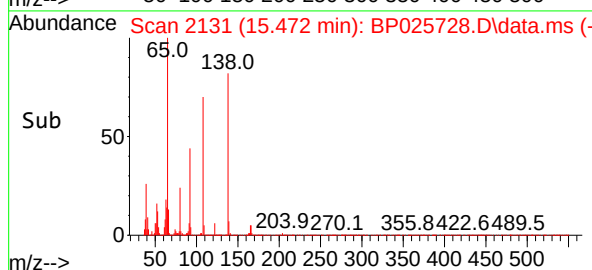
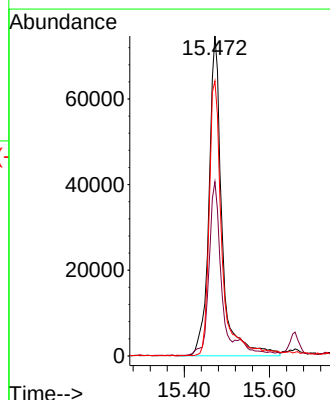
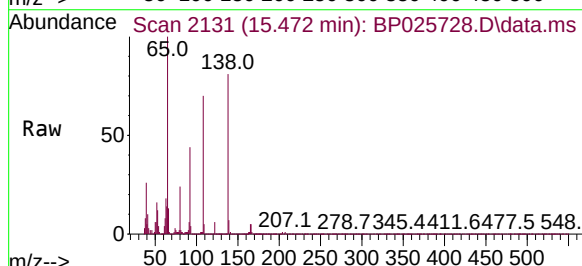
Manual Integrations
APPROVED

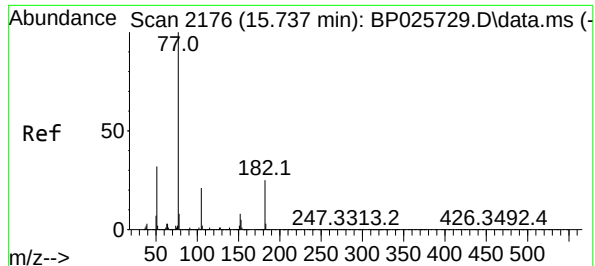
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#62
4-Nitroaniline
Concen: 21.891 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

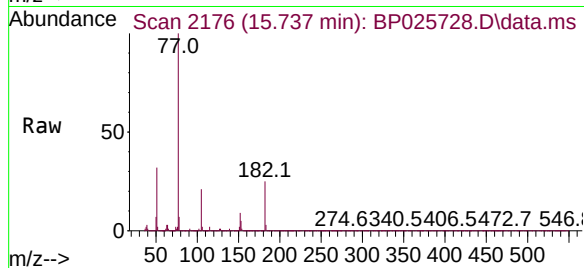
Tgt Ion: 138 Resp: 159664
Ion Ratio Lower Upper
138 100
92 54.4 33.3 73.3
108 85.9 66.7 106.7





#63
Azobenzene
Concen: 22.012 ng
RT: 15.737 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

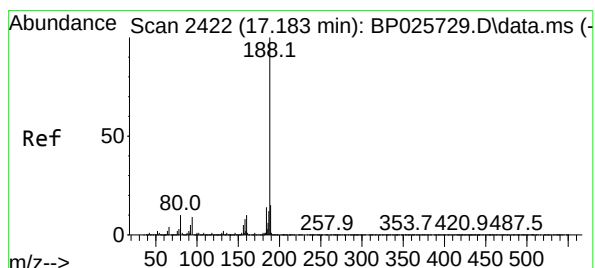
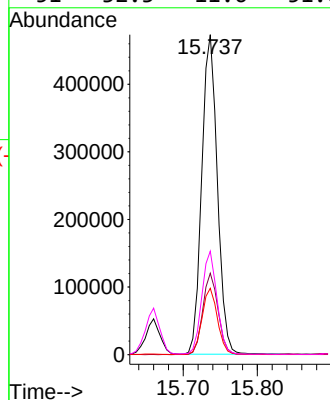
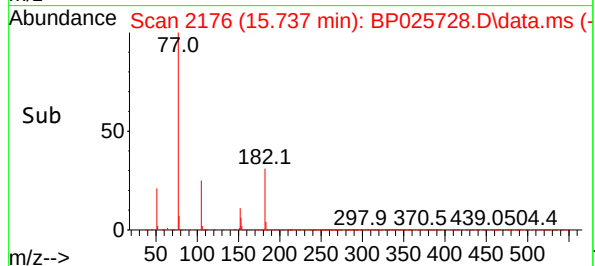
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 690423
Ion Ratio Lower Upper
77 100
182 25.4 5.2 45.2
105 20.7 1.1 41.1
51 32.3 11.6 51.6

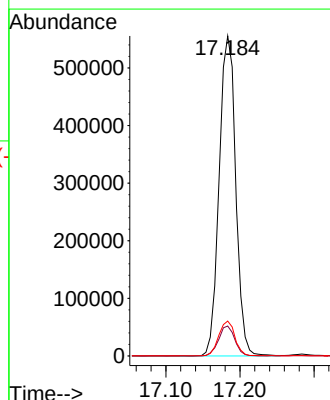
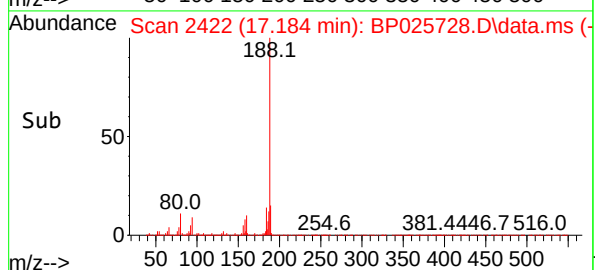
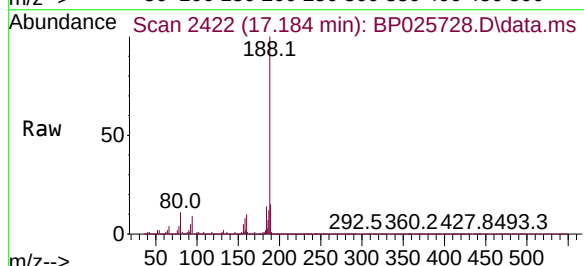
Manual Integrations
APPROVED

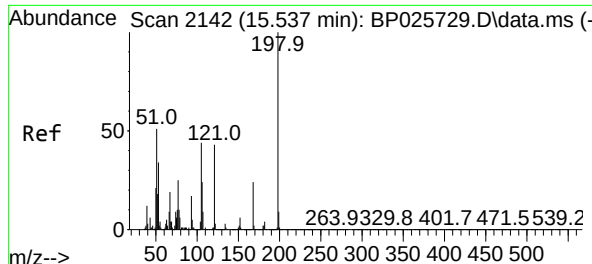
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.184 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:188 Resp: 862789
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.0
80 10.9 7.7 11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 20.272 ng

RT: 15.537 min Scan# 2142

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:198 Resp: 116319

Ion Ratio Lower Upper

198 100

51 48.6 33.4 73.4

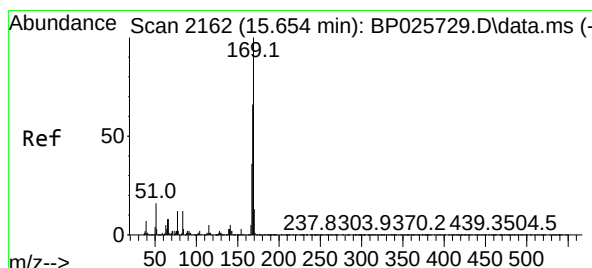
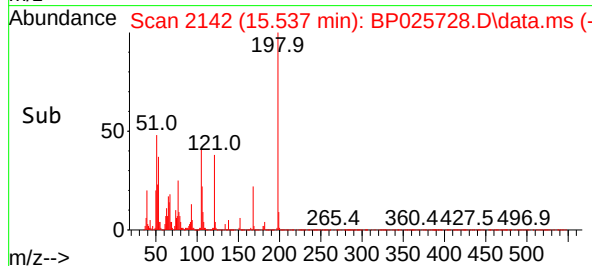
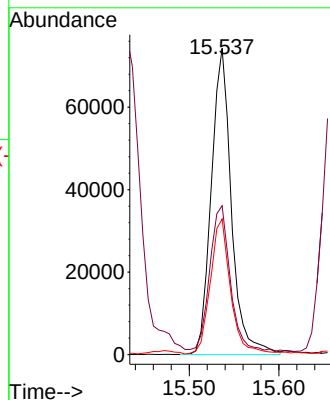
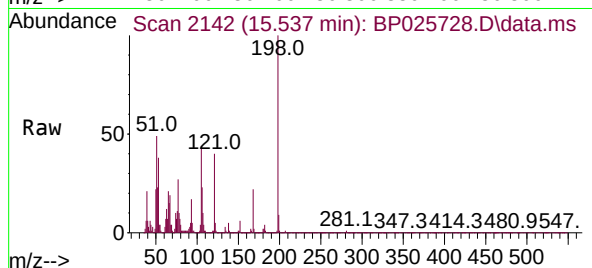
105 44.3 24.3 64.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#66

n-Nitrosodiphenylamine

Concen: 22.259 ng

RT: 15.660 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

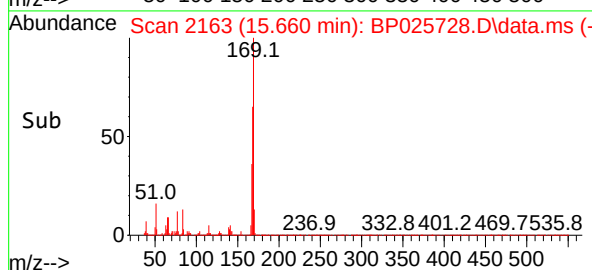
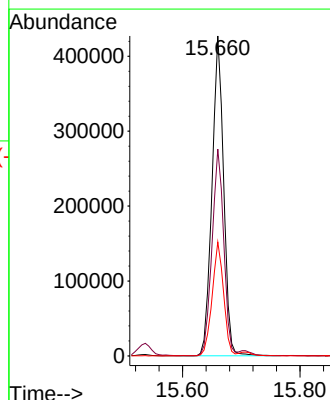
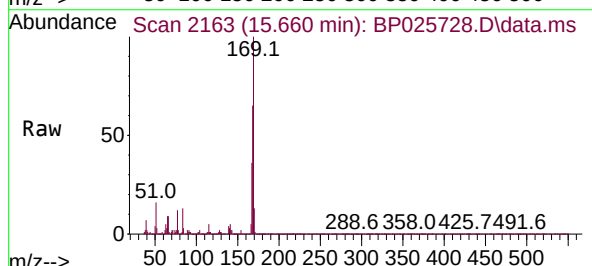
Tgt Ion:169 Resp: 587714

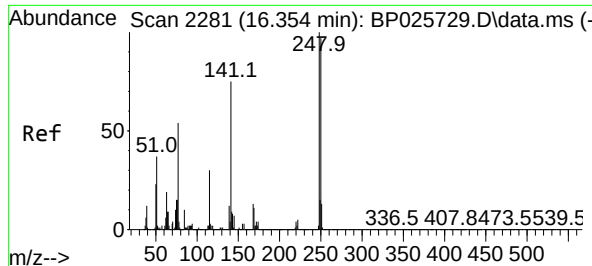
Ion Ratio Lower Upper

169 100

168 64.6 52.6 78.8

167 35.6 28.5 42.7





#67

4-Bromophenyl-phenylether

Concen: 21.820 ng

RT: 16.360 min Scan# 2281

Delta R.T. 0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:248 Resp: 206823

Ion Ratio Lower Upper

248 100

250 100.3 77.5 116.3

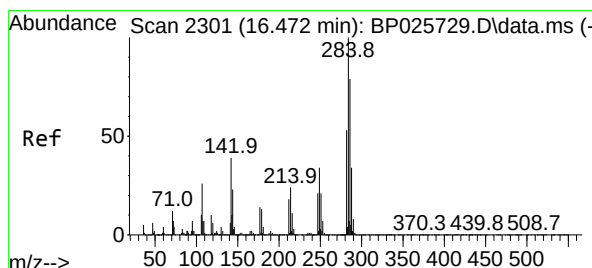
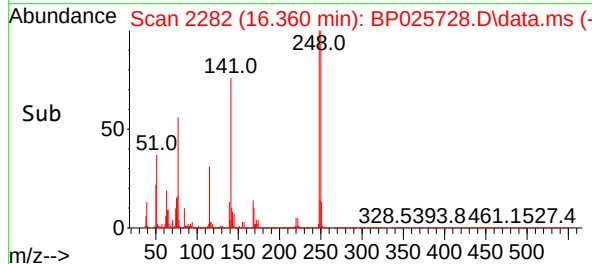
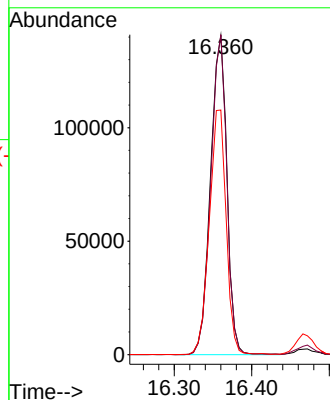
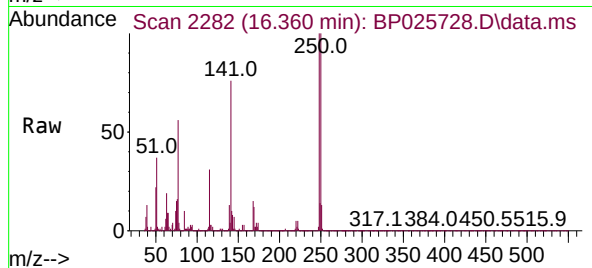
141 76.6 60.2 90.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#68

Hexachlorobenzene

Concen: 21.707 ng

RT: 16.472 min Scan# 2301

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

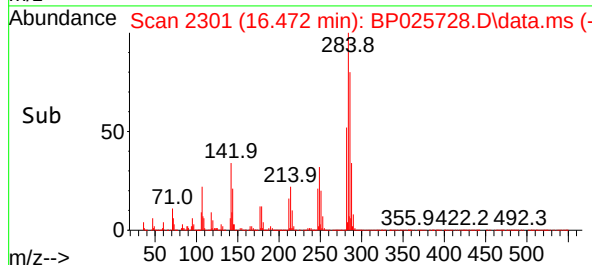
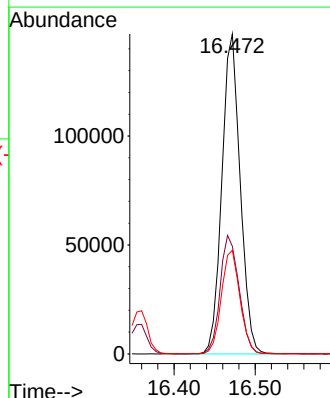
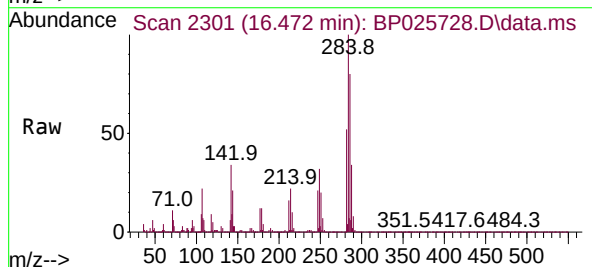
Tgt Ion:284 Resp: 229447

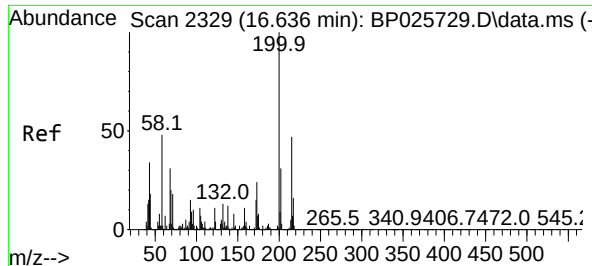
Ion Ratio Lower Upper

284 100

142 33.6 31.3 46.9

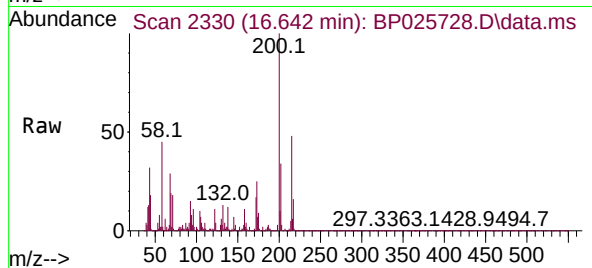
249 32.4 27.3 40.9





#69
Atrazine
Concen: 22.185 ng
RT: 16.642 min Scan# 2330
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

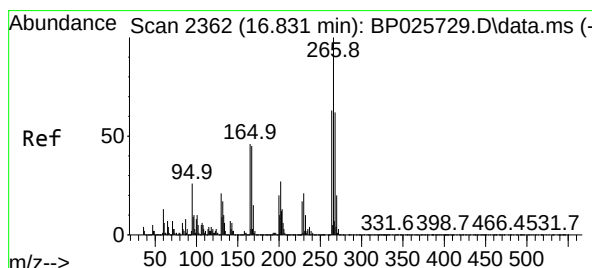
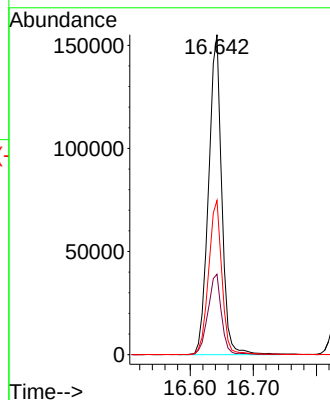
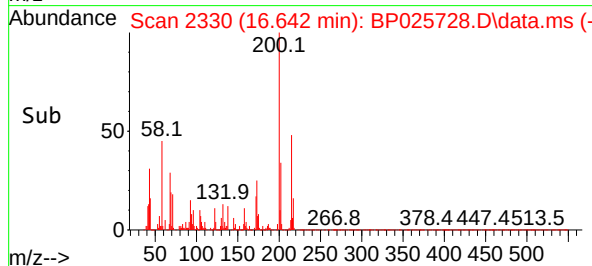
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:200 Resp: 223909
Ion Ratio Lower Upper
200 100
173 25.1 4.2 44.2
215 48.2 27.3 67.3

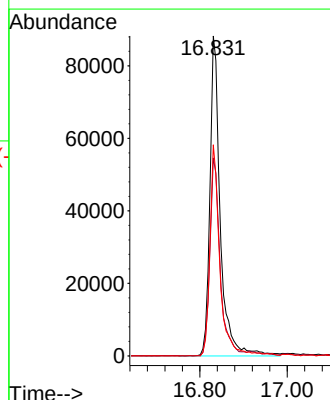
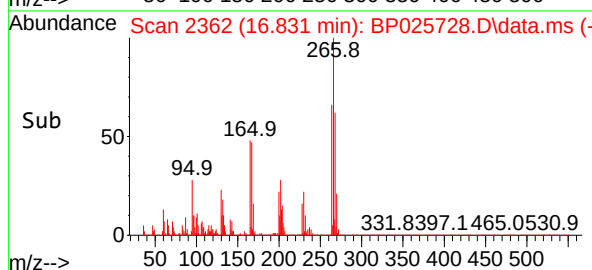
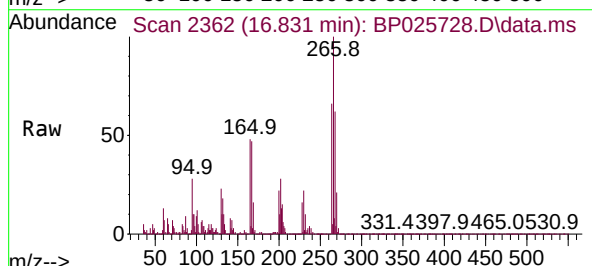
Manual Integrations
APPROVED

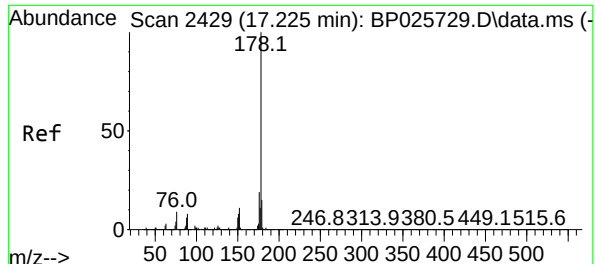
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#70
Pentachlorophenol
Concen: 20.824 ng
RT: 16.831 min Scan# 2362
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

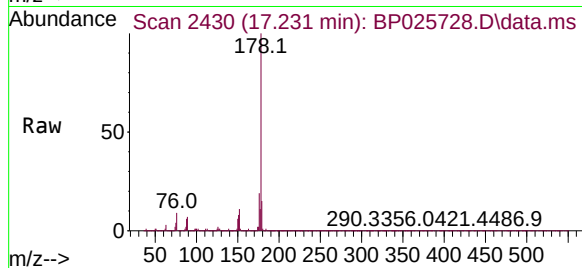
Tgt Ion:266 Resp: 145273
Ion Ratio Lower Upper
266 100
268 61.9 49.8 74.8
264 66.0 50.2 75.2





#71
Phenanthrene
Concen: 21.981 ng
RT: 17.231 min Scan# 2429
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

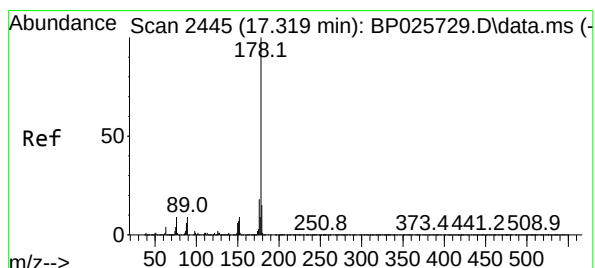
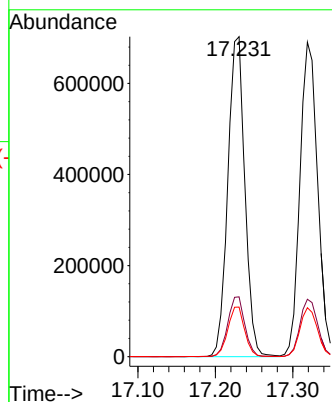
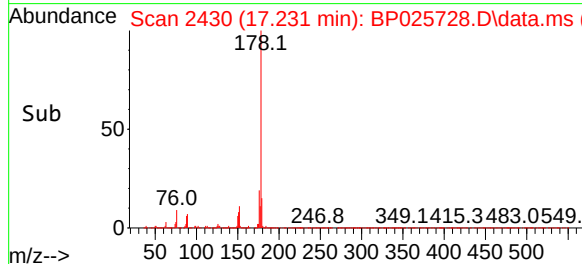
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 1075795
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.5 12.2 18.4

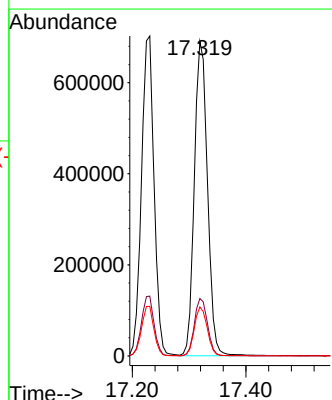
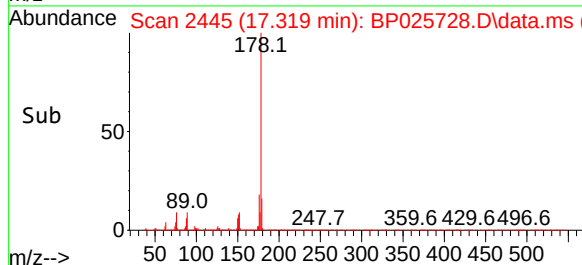
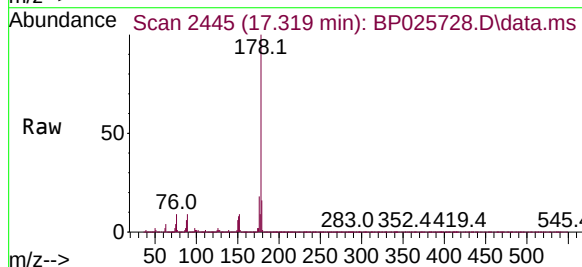
Manual Integrations
APPROVED

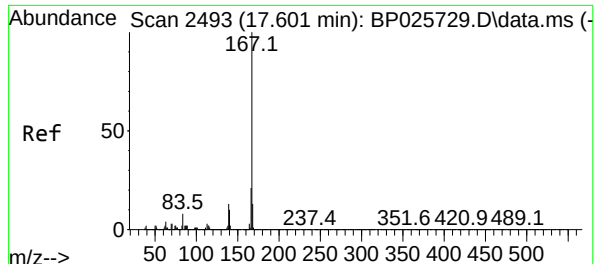
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#72
Anthracene
Concen: 22.239 ng
RT: 17.319 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

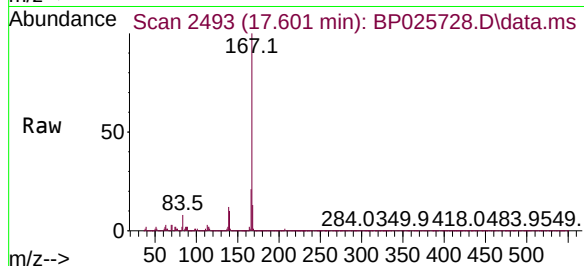
Tgt Ion:178 Resp: 1104346
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.5 12.2 18.4





#73
 Carbazole
 Concen: 22.146 ng
 RT: 17.601 min Scan# 2493
 Delta R.T. 0.000 min
 Lab File: BP025728.D
 Acq: 11 Sep 2025 10:59

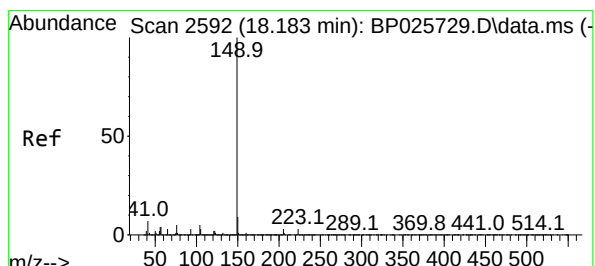
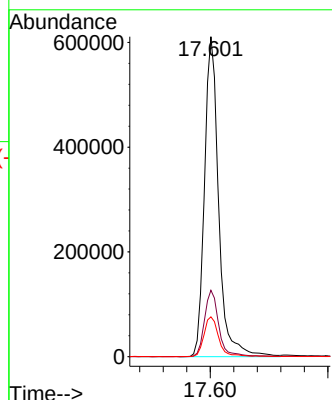
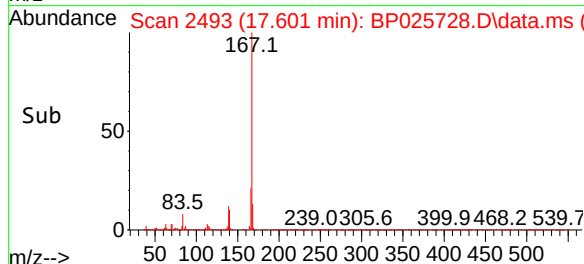
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020



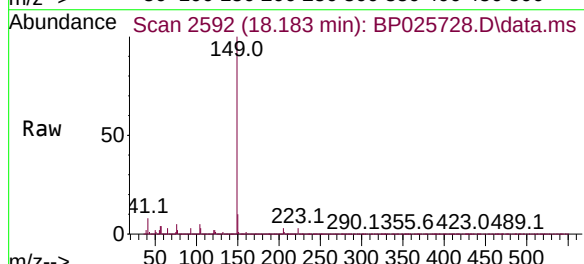
Tgt Ion:167 Resp: 1022406
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.0 25.4
 139 12.4 10.6 16.0

Manual Integrations
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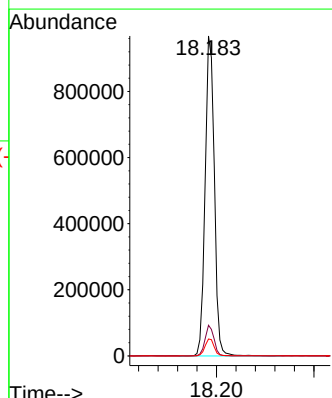
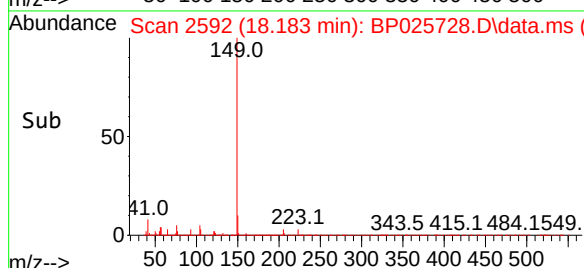
Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

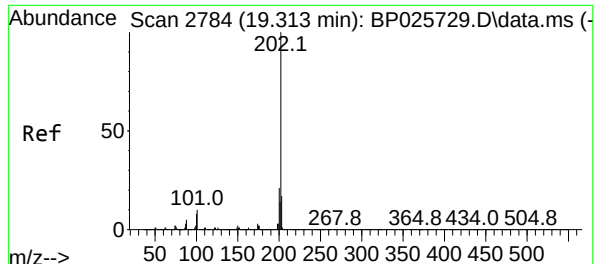


#74
 Di-n-butylphthalate
 Concen: 22.358 ng
 RT: 18.183 min Scan# 2592
 Delta R.T. 0.000 min
 Lab File: BP025728.D
 Acq: 11 Sep 2025 10:59



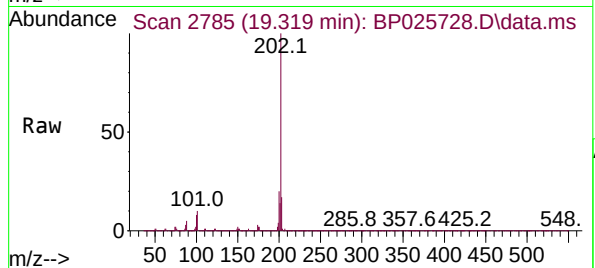
Tgt Ion:149 Resp: 1266684
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.0
 104 5.3 4.3 6.5





#75
Fluoranthene
Concen: 22.205 ng
RT: 19.319 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

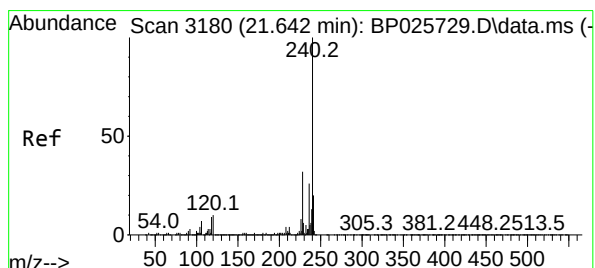
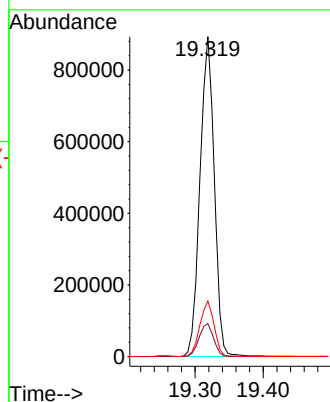
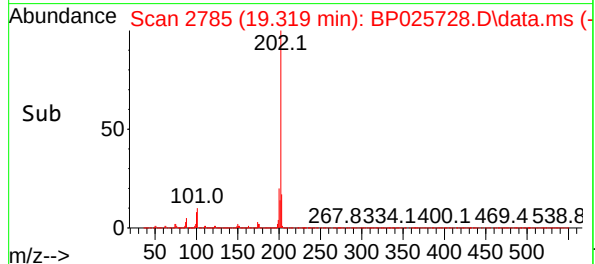
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 1303398
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.4
203 17.4 0.0 37.4

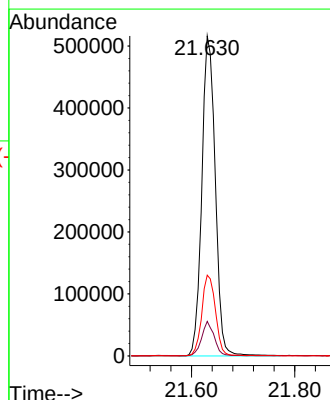
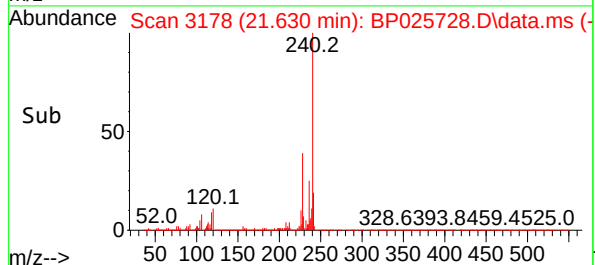
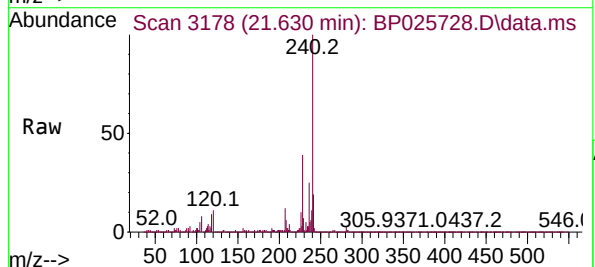
Manual Integrations
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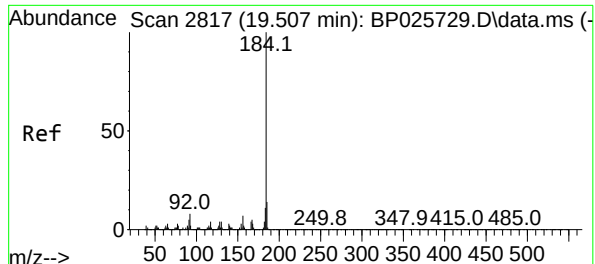
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:240 Resp: 931523
Ion Ratio Lower Upper
240 100
120 10.8 8.0 12.0
236 25.2 20.7 31.1





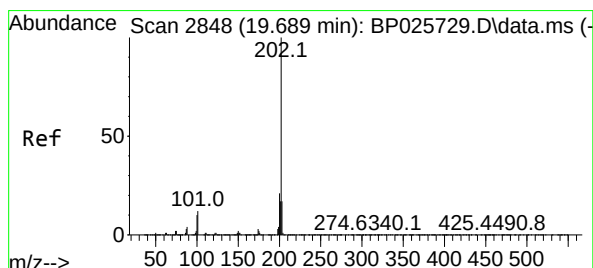
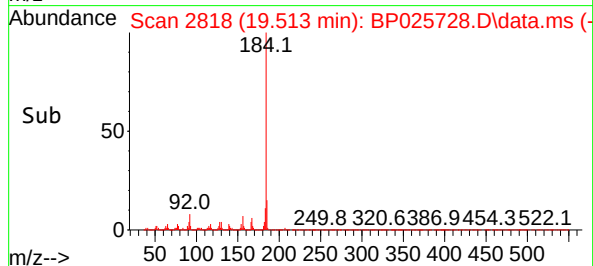
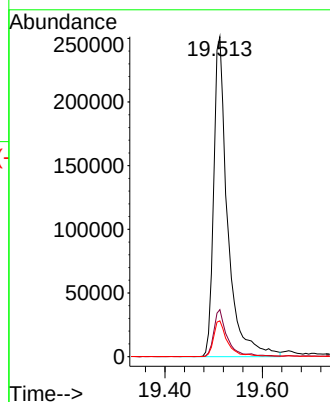
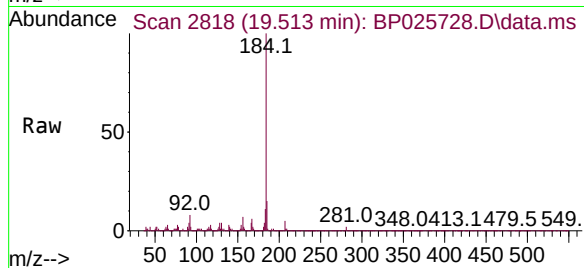
#77
Benzidine
Concen: 18.631 ng
RT: 19.513 min Scan# 2818
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Instrument :
BNA_P
Client Sample Id :
SSTDICC020

Tgt Ion:184 Resp: 499919
Ion Ratio Lower Upper
184 100
185 14.7 11.5 17.3
183 11.2 9.2 13.8

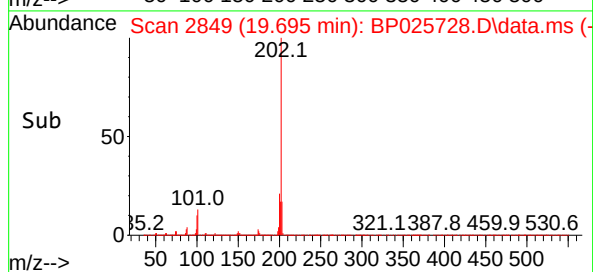
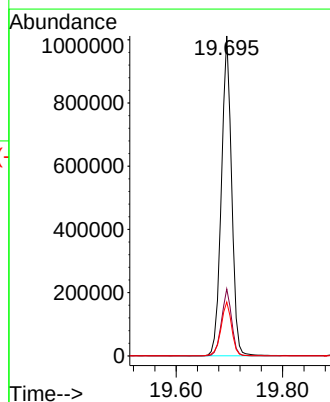
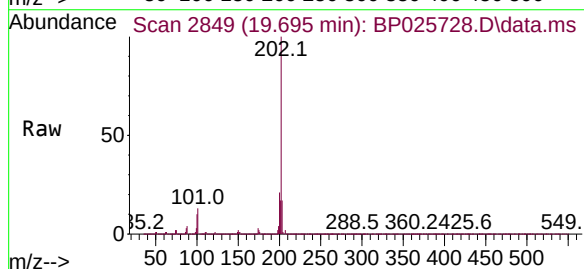
Manual Integrations
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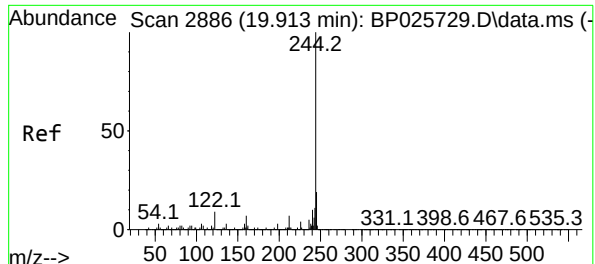
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#78
Pyrene
Concen: 21.640 ng
RT: 19.695 min Scan# 2849
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:202 Resp: 1345082
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.6
203 16.8 13.9 20.9





#79
Terphenyl-d14
Concen: 43.089 ng
RT: 19.901 min Scan# 2884
Delta R.T. -0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

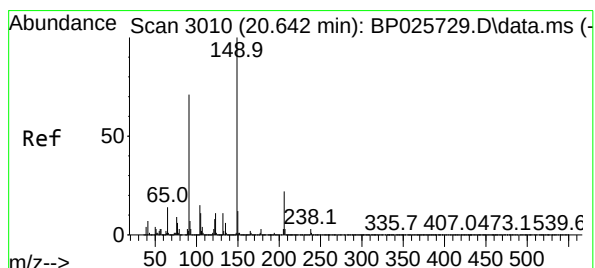
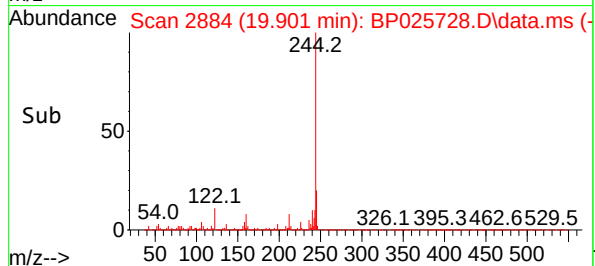
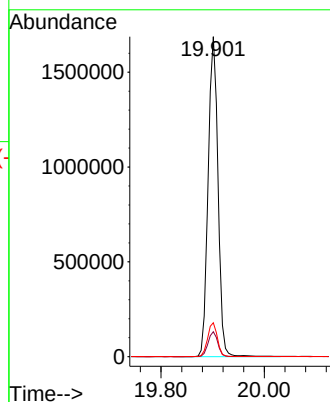
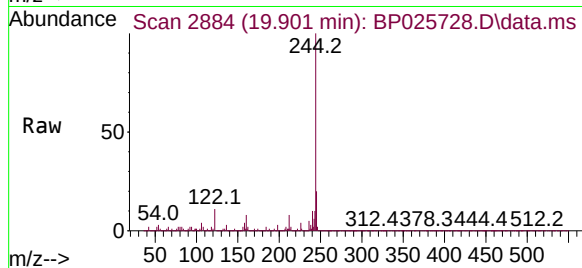
SSTDICC020

Tgt Ion:244 Resp: 2231186
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 10.6 7.1 10.7

Manual Integrations

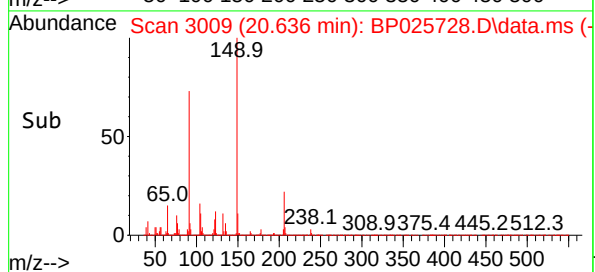
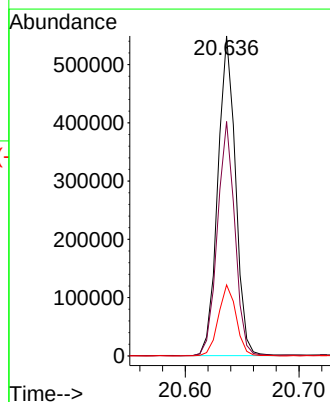
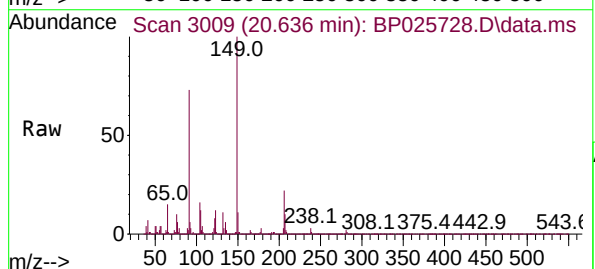
APPROVED

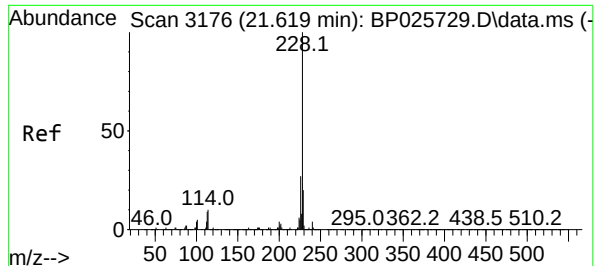
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#80
Butylbenzylphthalate
Concen: 21.726 ng
RT: 20.636 min Scan# 3009
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

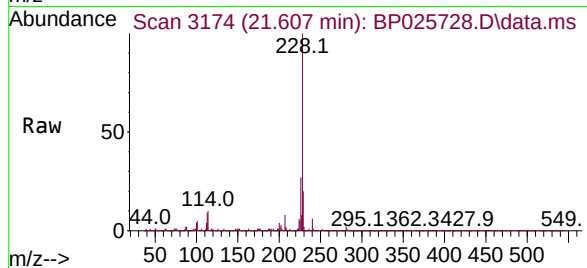
Tgt Ion:149 Resp: 592103
Ion Ratio Lower Upper
149 100
91 73.2 56.6 85.0
206 22.2 17.4 26.0





#81
Benzo(a)anthracene
Concen: 21.486 ng
RT: 21.607 min Scan# 3174
Delta R.T. -0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

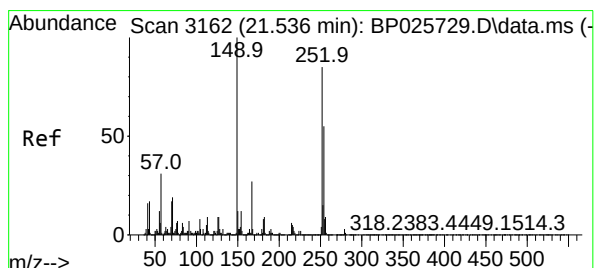
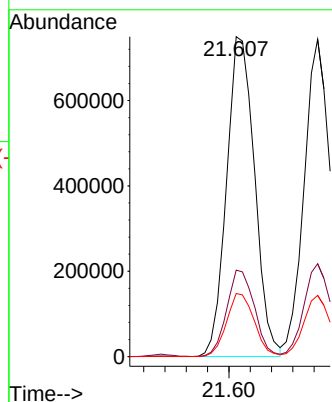
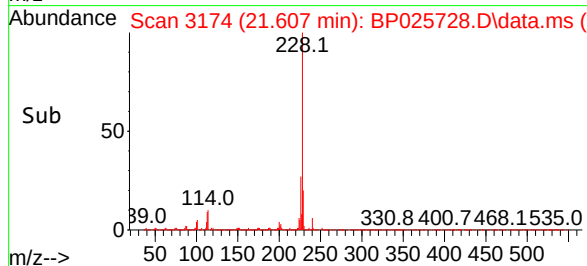
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 1370258
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 19.7 15.7 23.5

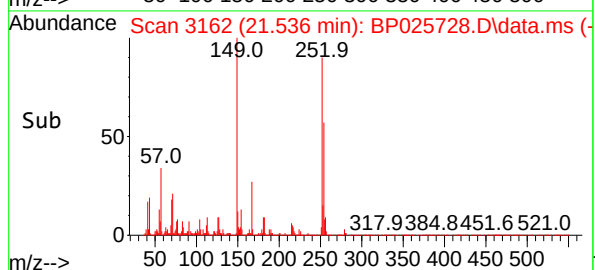
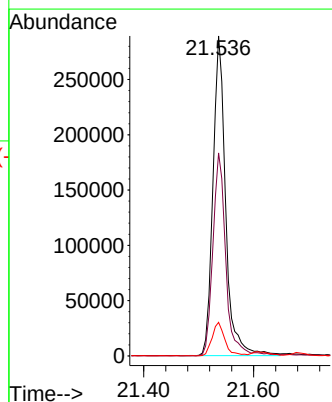
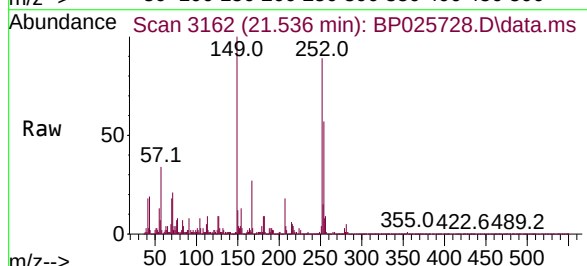
Manual Integrations
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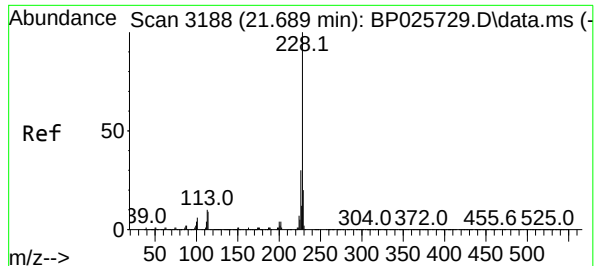
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#82
3,3'-Dichlorobenzidine
Concen: 21.065 ng
RT: 21.536 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:252 Resp: 464513
Ion Ratio Lower Upper
252 100
254 63.4 51.4 77.0
126 10.5 8.3 12.5





#83

Chrysene

Concen: 21.410 ng

RT: 21.683 min Scan# 3188

Delta R.T. -0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 130154

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.6

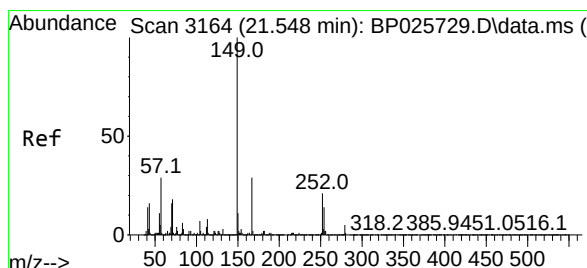
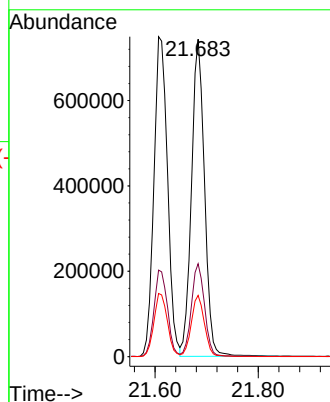
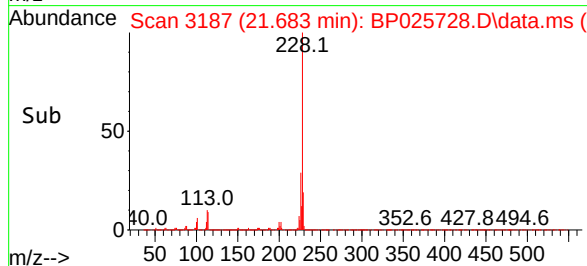
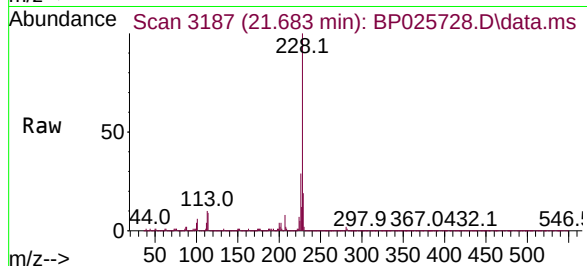
229 19.3 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 21.725 ng

RT: 21.548 min Scan# 3164

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

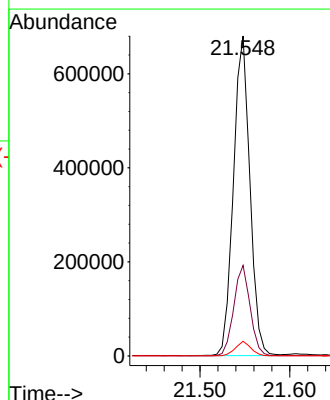
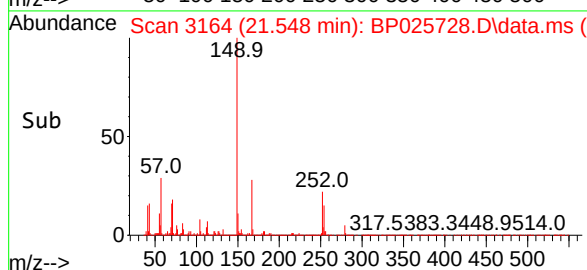
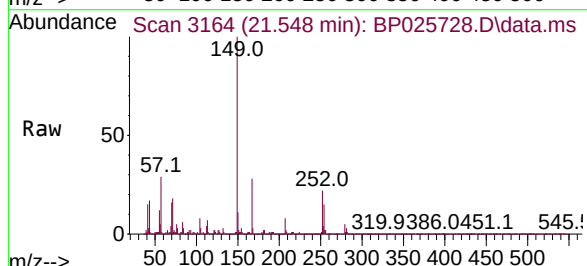
Tgt Ion:149 Resp: 866210

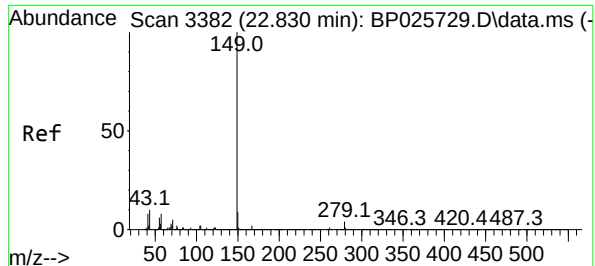
Ion Ratio Lower Upper

149 100

167 28.3 22.9 34.3

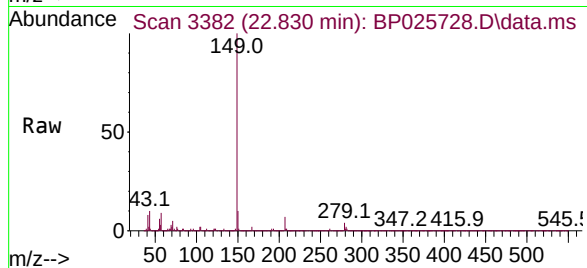
279 4.6 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 21.062 ng
RT: 22.830 min Scan# 3382
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

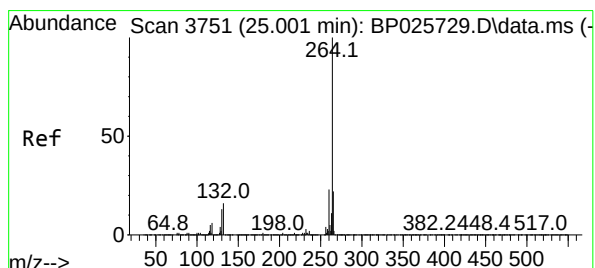
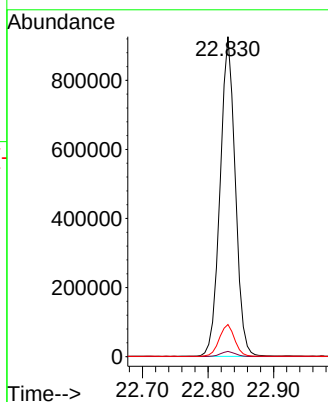
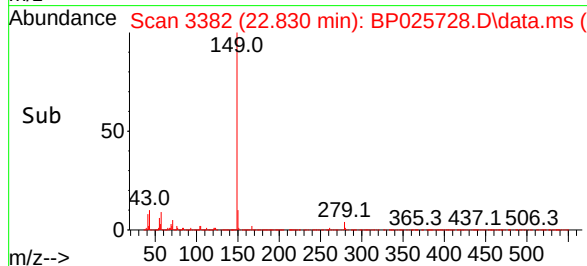
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 1493820
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.1 8.0 12.0

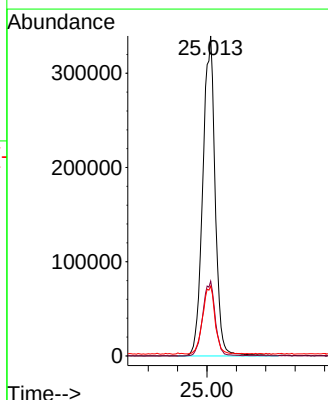
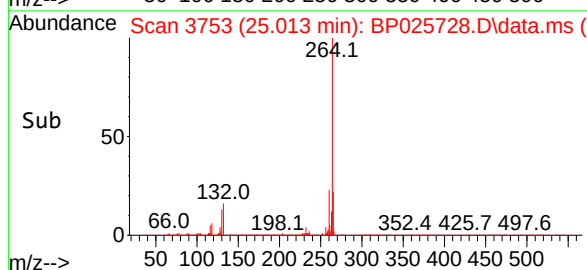
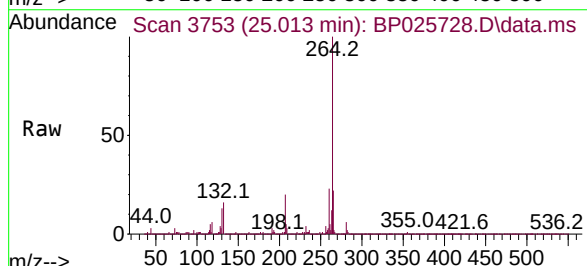
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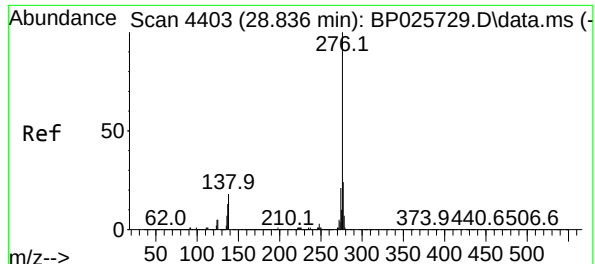
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.013 min Scan# 3753
Delta R.T. 0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:264 Resp: 988151
Ion Ratio Lower Upper
264 100
260 23.4 18.3 27.5
265 21.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 21.074 ng

RT: 28.795 min Scan# 4396

Delta R.T. -0.041 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:276 Resp: 1514360

Ion Ratio Lower Upper

276 100

138 17.1 13.4 20.2

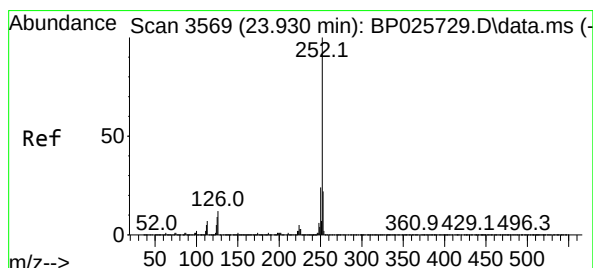
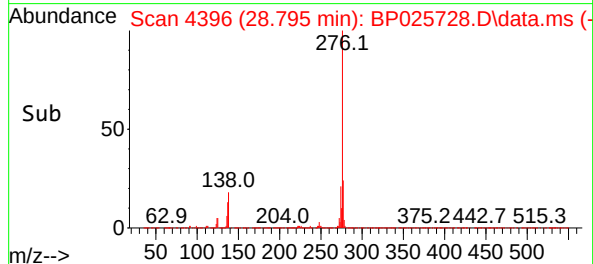
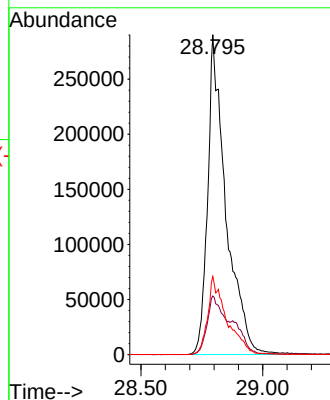
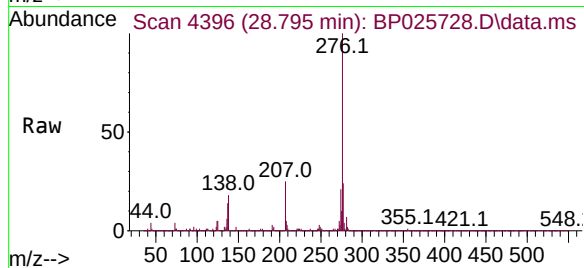
277 25.2 9.1 13.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#88

Benzo(b)fluoranthene

Concen: 21.316 ng

RT: 23.924 min Scan# 3568

Delta R.T. -0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

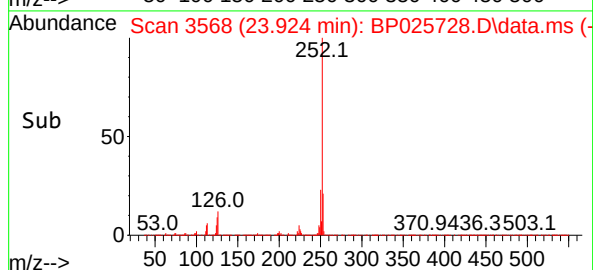
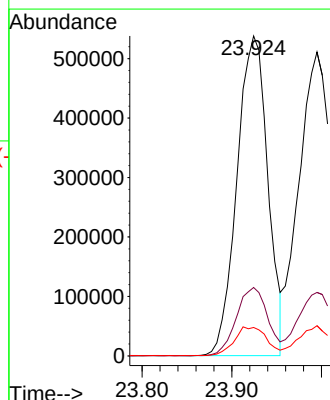
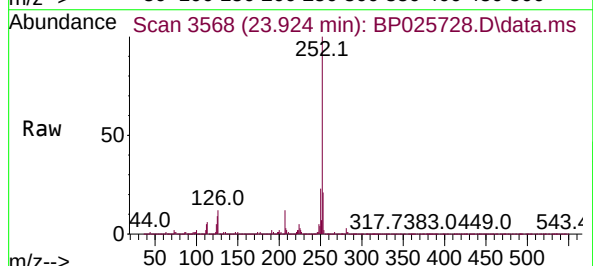
Tgt Ion:252 Resp: 1288073

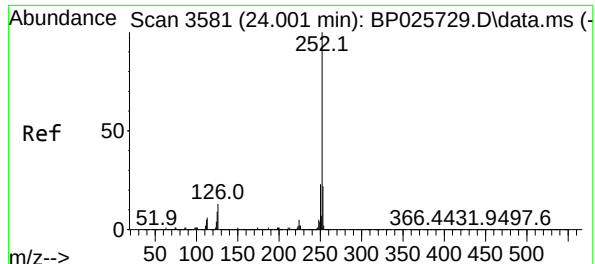
Ion Ratio Lower Upper

252 100

253 21.4 17.9 26.9

125 8.9 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 21.911 ng

RT: 23.995 min Scan# 3581

Delta R.T. -0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 1351055

Ion Ratio Lower Upper

252 100

253 20.9 17.5 26.3

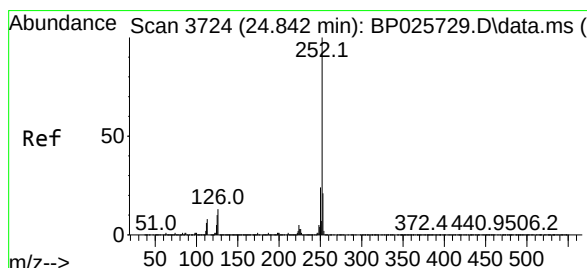
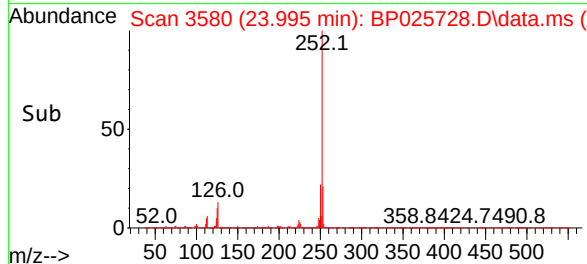
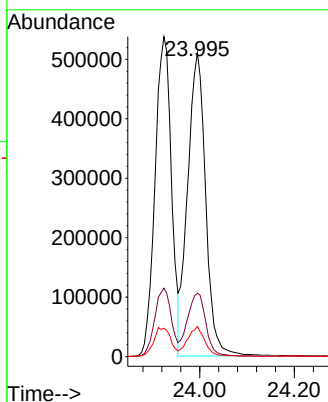
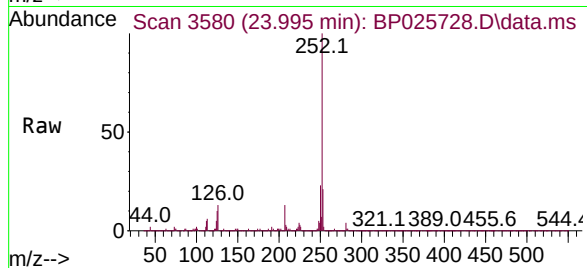
125 9.9 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#90

Benzo(a)pyrene

Concen: 21.300 ng

RT: 24.830 min Scan# 3722

Delta R.T. -0.012 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

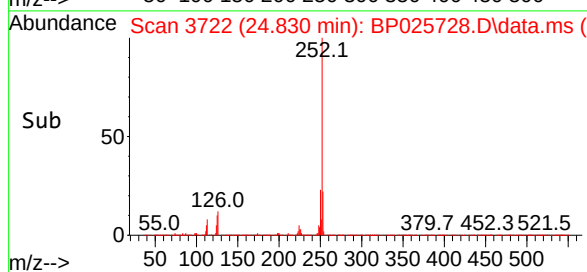
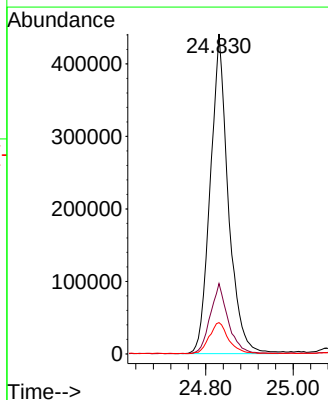
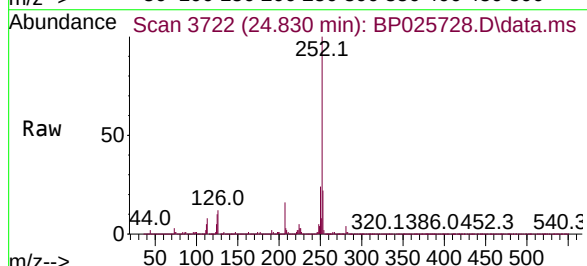
Tgt Ion:252 Resp: 1260461

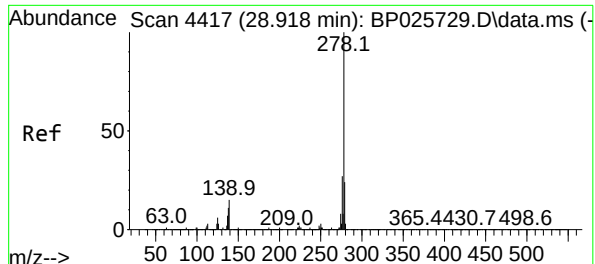
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

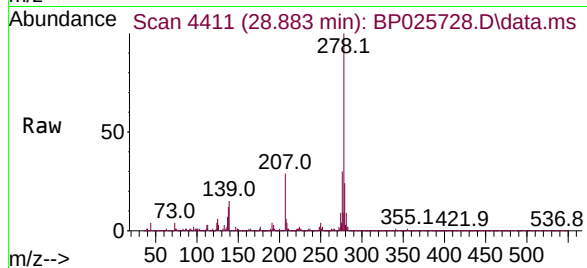
125 9.8 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 21.066 ng
RT: 28.883 min Scan# 4417
Delta R.T. -0.035 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

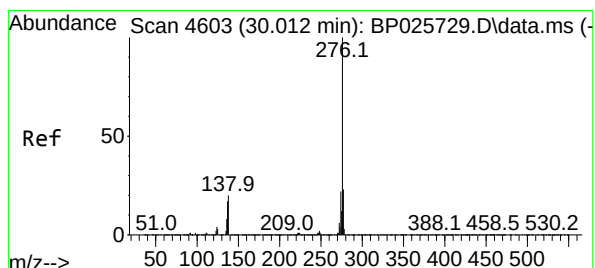
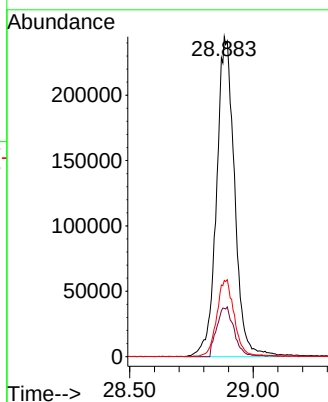
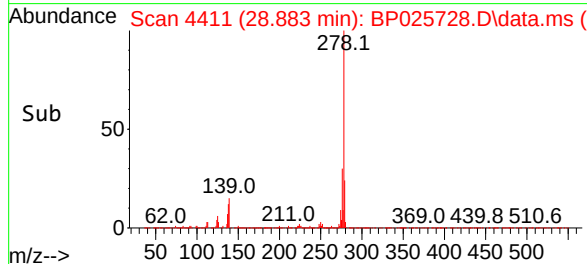
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:278 Resp: 123876
Ion Ratio Lower Upper
278 100
139 15.1 12.1 18.1
279 23.8 19.6 29.4

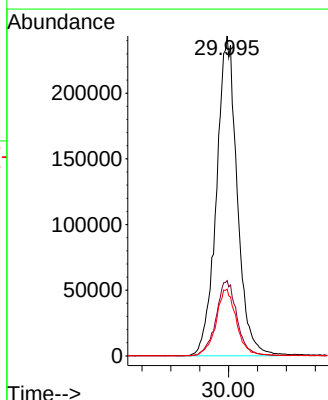
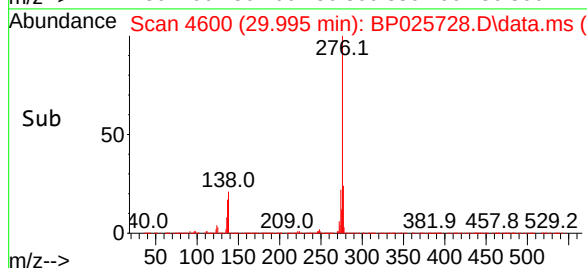
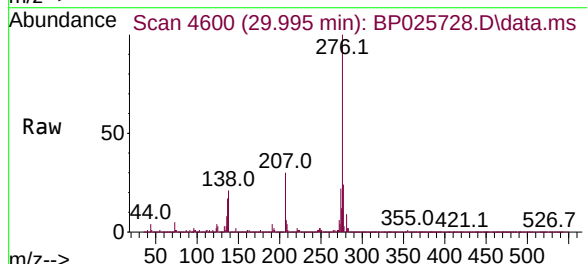
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#92
Benzo(g,h,i)perylene
Concen: 20.937 ng
RT: 29.995 min Scan# 4600
Delta R.T. -0.018 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:276 Resp: 1210808
Ion Ratio Lower Upper
276 100
277 23.5 18.7 28.1
138 20.9 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025729.D
 Acq On : 11 Sep 2025 12:21
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:22:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	144640	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	617318	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	418121	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	868840	20.000	ng	0.00
76) Chrysene-d12	21.630	240	926553	20.000	ng	-0.01
86) Perylene-d12	24.995	264	1000954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	787836	87.888	ng	0.00
7) Phenol-d6	6.943	99	1076622	90.359	ng	0.00
23) Nitrobenzene-d5	8.902	82	1224870	87.524	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	462583	88.699	ng	-0.01
45) 2-Fluorobiphenyl	12.990	172	2669440	85.008	ng	0.00
79) Terphenyl-d14	19.901	244	4362586	84.704	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	157988	41.993	ng	99
3) Pyridine	3.708	79	452870	43.715	ng	98
4) n-Nitrosodimethylamine	3.614	42	208606	42.674	ng	98
6) Aniline	7.096	93	725768	44.373	ng	98
8) 2-Chlorophenol	7.331	128	436310	44.368	ng	99
9) Benzaldehyde	6.913	77	253178m	35.491	ng	
10) Phenol	6.972	94	568213	45.227	ng	99
11) bis(2-Chloroethyl)ether	7.190	93	449932	44.575	ng	99
12) 1,3-Dichlorobenzene	7.649	146	484132	43.256	ng	98
13) 1,4-Dichlorobenzene	7.796	146	488797	42.874	ng	100
14) 1,2-Dichlorobenzene	8.107	146	478270	43.182	ng	98
15) Benzyl Alcohol	8.002	79	436860	44.371	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.278	45	721206	43.691	ng	100
17) 2-Methylphenol	8.202	107	381511	45.040	ng	97
18) Hexachloroethane	8.825	117	187163	42.979	ng	96
19) n-Nitroso-di-n-propyla...	8.554	70	381756	46.485	ng	100
20) 3+4-Methylphenols	8.525	107	526118	44.351	ng	98
22) Acetophenone	8.572	105	726426	44.034	ng	99
24) Nitrobenzene	8.943	77	554186	44.142	ng	99
25) Isophorone	9.472	82	1061978	43.173	ng	100
26) 2-Nitrophenol	9.649	139	250189	44.885	ng	96
27) 2,4-Dimethylphenol	9.713	122	439626	44.957	ng	99
28) bis(2-Chloroethoxy)met...	9.937	93	615359	43.278	ng	99
29) 2,4-Dichlorophenol	10.190	162	430954	44.201	ng	99
30) 1,2,4-Trichlorobenzene	10.396	180	466981	42.499	ng	99
31) Naphthalene	10.578	128	1416256	42.548	ng	100
32) Benzoic acid	9.884	122	322344	44.337	ng	98
33) 4-Chloroaniline	10.684	127	629600	45.380	ng	99
34) Hexachlorobutadiene	10.860	225	299180	42.296	ng	98
35) Caprolactam	11.490	113	162983	43.455	ng	99
36) 4-Chloro-3-methylphenol	11.825	107	511595	44.012	ng	97
37) 2-Methylnaphthalene	12.184	142	922799	43.164	ng	99
38) 1-Methylnaphthalene	12.407	142	987208	43.302	ng	99
40) 1,2,4,5-Tetrachloroben...	12.560	216	551785	43.550	ng	100
41) Hexachlorocyclopentadiene	12.537	237	317811	46.055	ng	99
43) 2,4,6-Trichlorophenol	12.801	196	372542	44.726	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025729.D
 Acq On : 11 Sep 2025 12:21
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:22:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	418700	45.167	ng	98
46) 1,1'-Biphenyl	13.207	154	1327491	43.254	ng	99
47) 2-Chloronaphthalene	13.242	162	1037016	42.913	ng	99
48) 2-Nitroaniline	13.454	65	366901	45.547	ng	97
49) Acenaphthylene	14.101	152	1721169	42.987	ng	100
50) Dimethylphthalate	13.837	163	1387323	43.460	ng	99
51) 2,6-Dinitrotoluene	13.948	165	299565	44.293	ng	99
52) Acenaphthene	14.442	154	998942	43.262	ng	99
53) 3-Nitroaniline	14.284	138	329431	46.320	ng	98
54) 2,4-Dinitrophenol	14.507	184	174477	42.110	ng	98
55) Dibenzofuran	14.784	168	1607411	42.712	ng	99
56) 4-Nitrophenol	14.619	139	256685	44.044	ng	98
57) 2,4-Dinitrotoluene	14.754	165	435664	45.264	ng	99
58) Fluorene	15.448	166	1292575	43.194	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.019	232	373358	44.710	ng	98
60) Diethylphthalate	15.219	149	1374845	42.459	ng	100
61) 4-Chlorophenyl-phenylether	15.436	204	643036	42.637	ng	99
62) 4-Nitroaniline	15.472	138	338121	46.442	ng	100
63) Azobenzene	15.736	77	1373602	43.872	ng	99
65) 4,6-Dinitro-2-methylph...	15.536	198	261709	45.293	ng	94
66) n-Nitrosodiphenylamine	15.654	169	1153503	43.383	ng	99
67) 4-Bromophenyl-phenylether	16.348	248	413274	43.298	ng	99
68) Hexachlorobenzene	16.472	284	453064	42.564	ng	97
69) Atrazine	16.636	200	451179	44.392	ng	98
70) Pentachlorophenol	16.836	266	311192	44.297	ng	98
71) Phenanthrene	17.230	178	2106998	42.751	ng	100
72) Anthracene	17.319	178	2149009	42.974	ng	100
73) Carbazole	17.601	167	2037704	43.830	ng	99
74) Di-n-butylphthalate	18.189	149	2498531	43.793	ng	100
75) Fluoranthene	19.313	202	2514212	42.535	ng	99
77) Benzidine	19.501	184	1209219	45.307	ng	100
78) Pyrene	19.689	202	2650721	42.875	ng	99
80) Butylbenzylphthalate	20.636	149	1198520	44.213	ng	99
81) Benzo(a)anthracene	21.613	228	2693098	42.456	ng	100
82) 3,3'-Dichlorobenzidine	21.524	252	960752	43.803	ng	99
83) Chrysene	21.677	228	2548856	42.152	ng	100
84) Bis(2-ethylhexyl)phtha...	21.542	149	1750717	44.144	ng	99
85) Di-n-octyl phthalate	22.818	149	3094664	43.867	ng	100
87) Indeno(1,2,3-cd)pyrene	28.824	276	3195673	43.902	ng	# 83
88) Benzo(b)fluoranthene	23.930	252	2674118	43.687	ng	99
89) Benzo(k)fluoranthene	24.007	252	2685118	42.989	ng	99
90) Benzo(a)pyrene	24.836	252	2617139	43.660	ng	100
91) Dibenzo(a,h)anthracene	28.906	278	2596318	43.586	ng	99
92) Benzo(g,h,i)perylene	30.006	276	2536855	43.305	ng	99

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

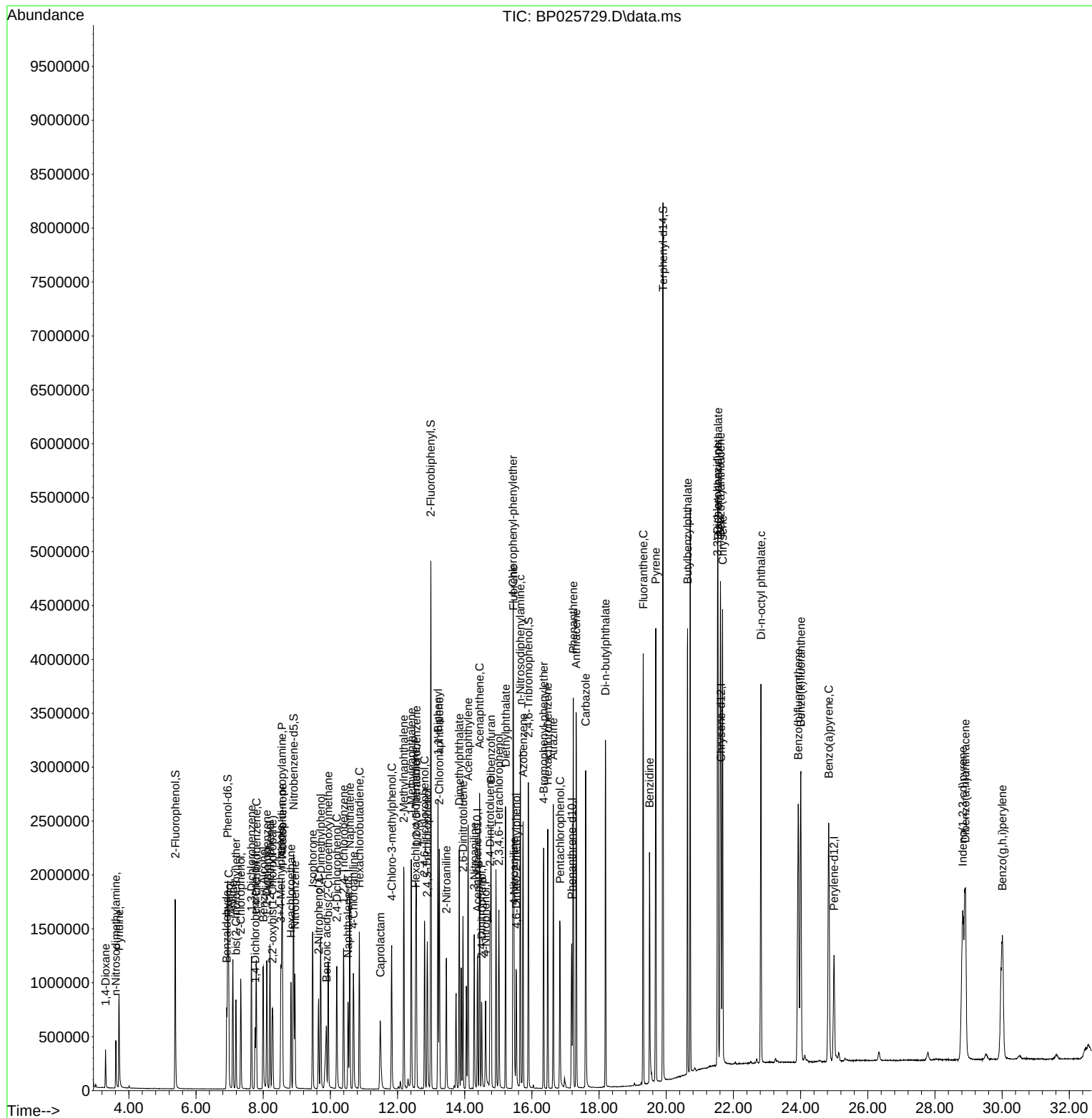
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Data File : BP025729.D
Acq On : 11 Sep 2025 12:21
Operator : CG/JU
Sample : SSTIDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

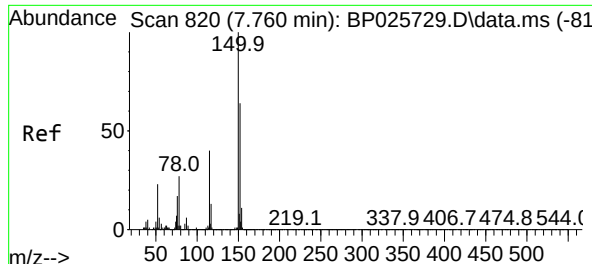
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

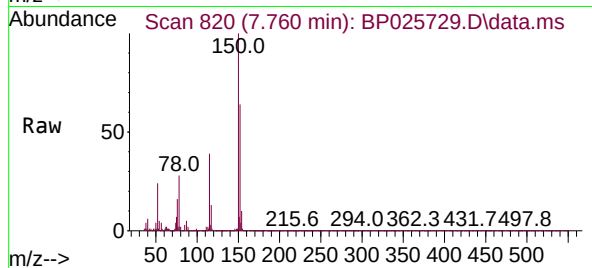
Quant Time: Sep 11 16:22:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.760 min Scan# 820
Delta R.T. 0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

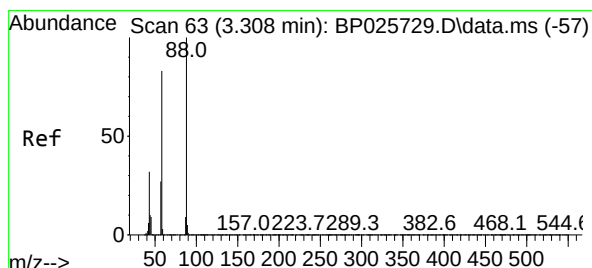
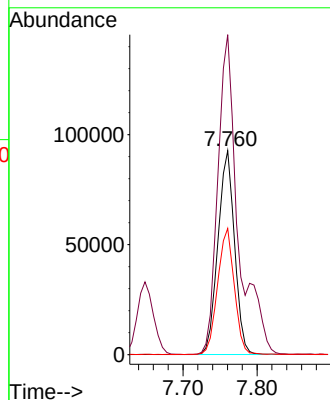
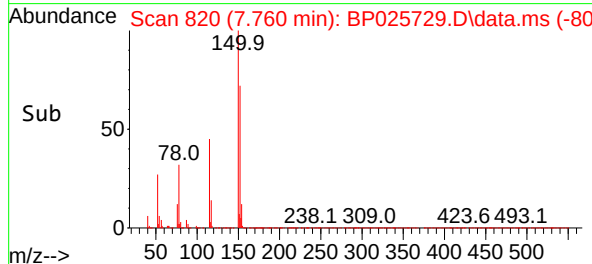
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 144640
Ion Ratio Lower Upper
152 100
150 156.9 124.3 186.5
115 61.9 50.3 75.5

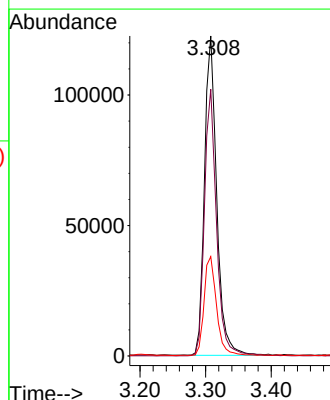
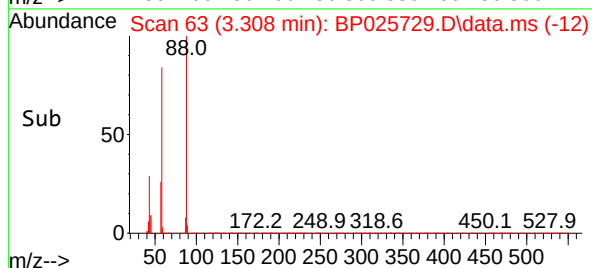
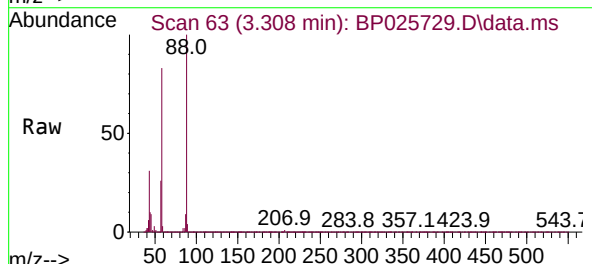
Manual Integrations
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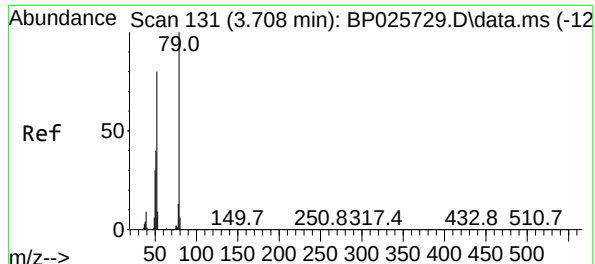
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#2
1,4-Dioxane
Concen: 41.993 ng
RT: 3.308 min Scan# 63
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 88 Resp: 157988
Ion Ratio Lower Upper
88 100
58 82.8 65.5 98.3
43 31.5 25.2 37.8





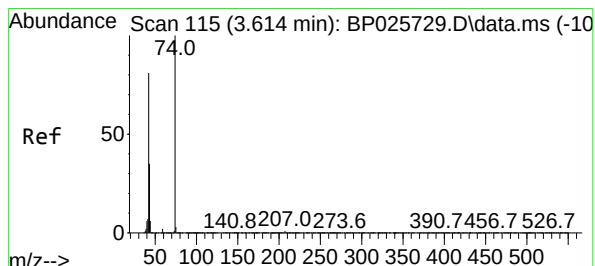
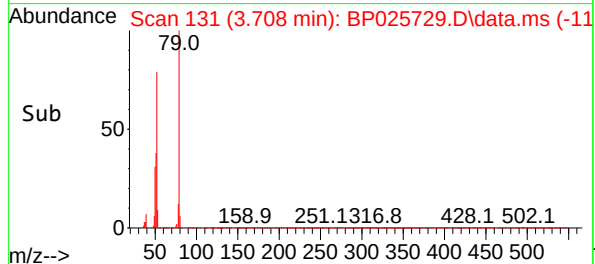
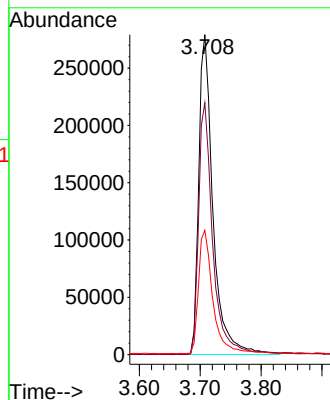
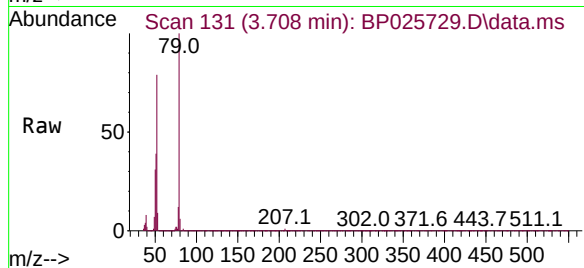
#3
Pyridine
Concen: 43.715 ng
RT: 3.708 min Scan# 131
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 452870
Ion Ratio Lower Upper
79 100
52 78.7 63.7 95.5
51 38.8 32.4 48.6

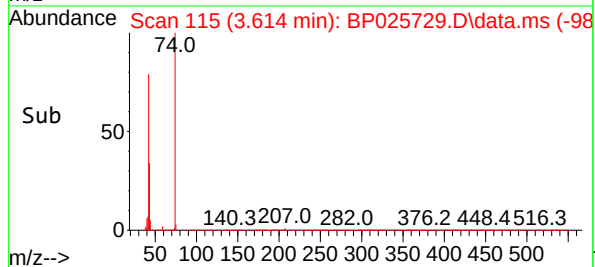
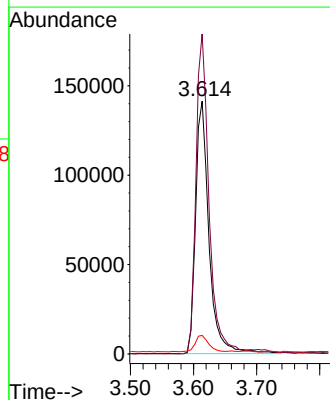
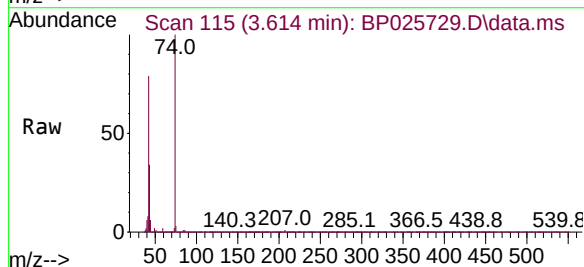
Manual Integrations
APPROVED

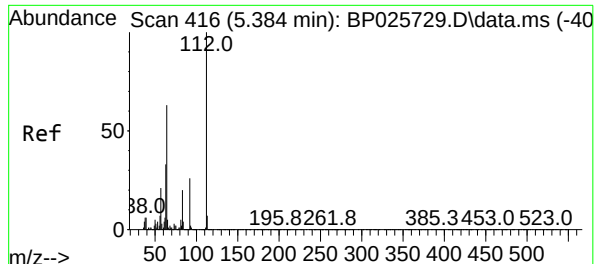
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#4
n-Nitrosodimethylamine
Concen: 42.674 ng
RT: 3.614 min Scan# 115
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

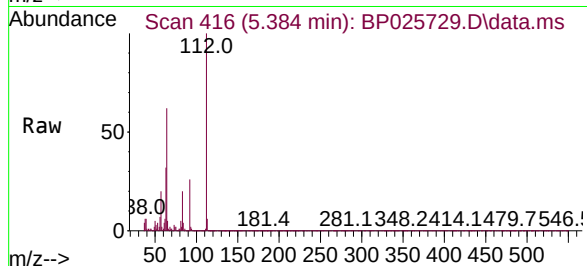
Tgt Ion: 42 Resp: 208606
Ion Ratio Lower Upper
42 100
74 126.6 99.2 148.8
44 7.3 6.4 9.6





#5
2-Fluorophenol
Concen: 87.888 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

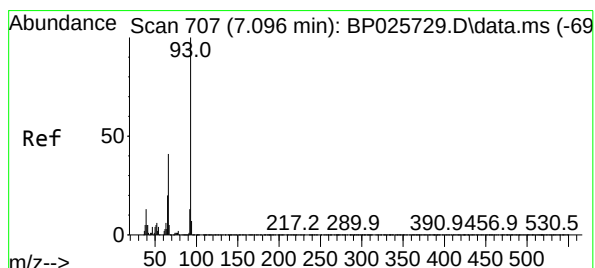
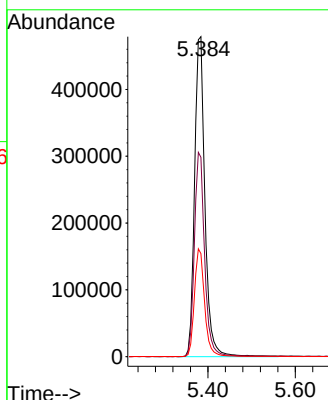
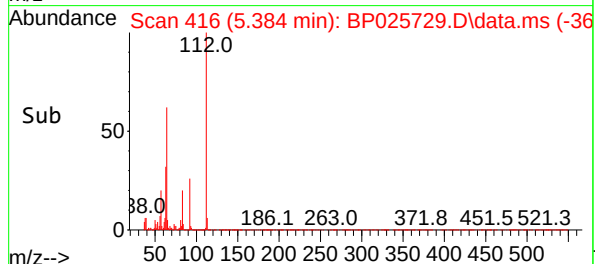
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 112 Resp: 787836
Ion Ratio Lower Upper
112 100
64 62.3 50.2 75.4
63 32.2 26.7 40.1

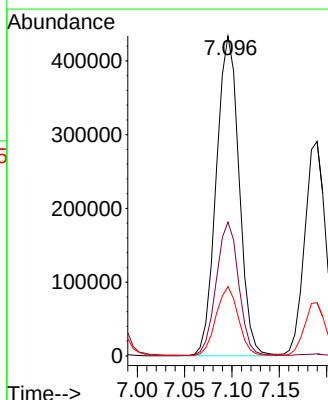
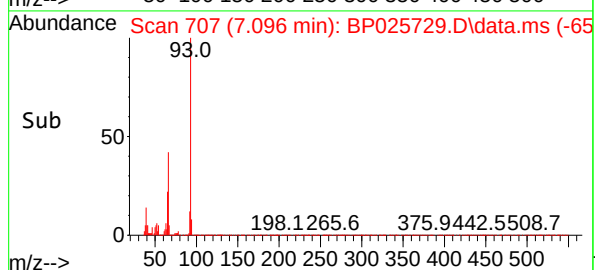
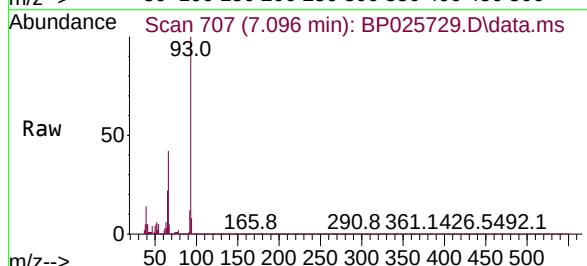
Manual Integrations
APPROVED

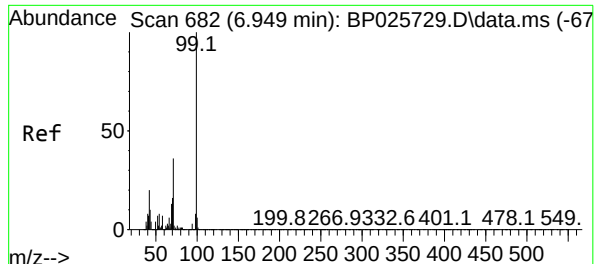
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#6
Aniline
Concen: 44.373 ng
RT: 7.096 min Scan# 707
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 93 Resp: 725768
Ion Ratio Lower Upper
93 100
66 41.8 32.6 49.0
65 21.7 16.2 24.2





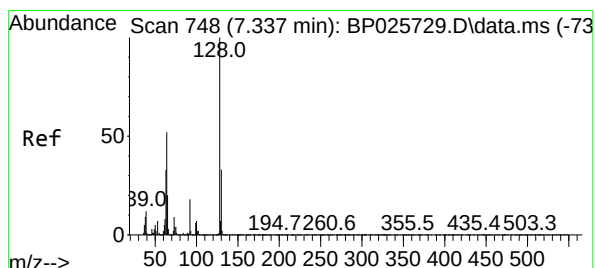
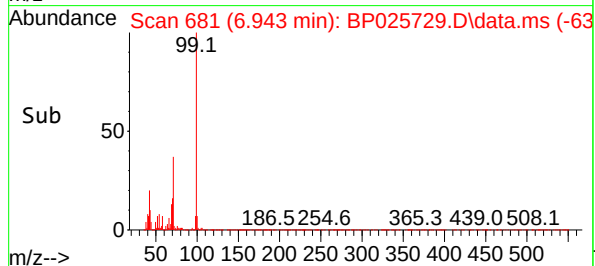
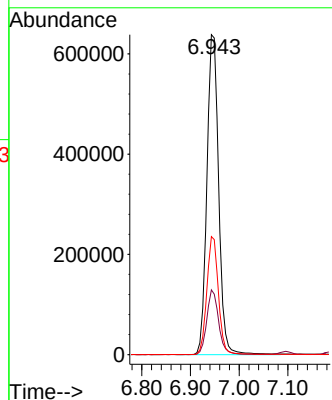
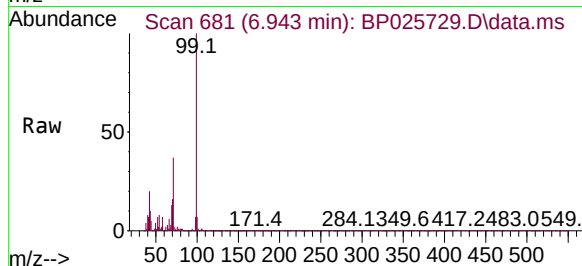
#7
Phenol-d6
Concen: 90.359 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 1076622
Ion Ratio Lower Upper
99 100
42 20.2 15.6 23.4
71 36.9 28.6 43.0

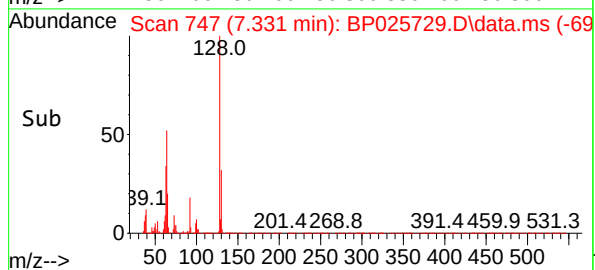
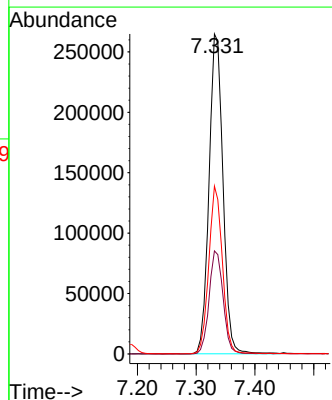
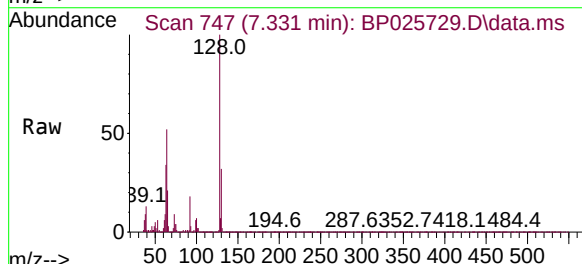
Manual Integrations
APPROVED

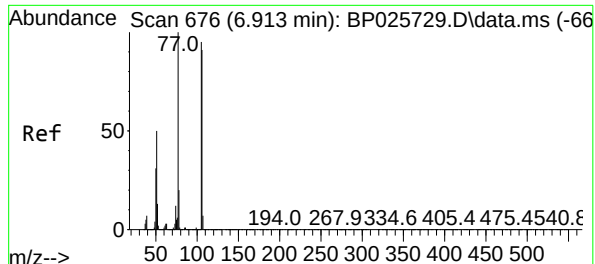
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#8
2-Chlorophenol
Concen: 44.368 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

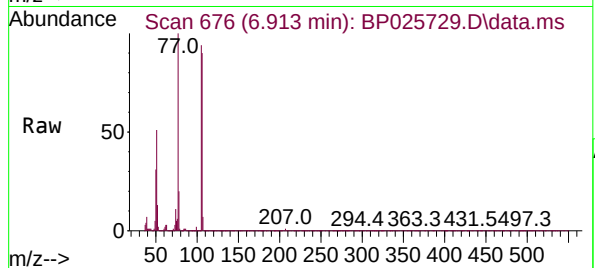
Tgt Ion:128 Resp: 436310
Ion Ratio Lower Upper
128 100
130 32.2 12.6 52.6
64 52.4 31.6 71.6





#9
Benzaldehyde
Concen: 35.491 ng m
RT: 6.913 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

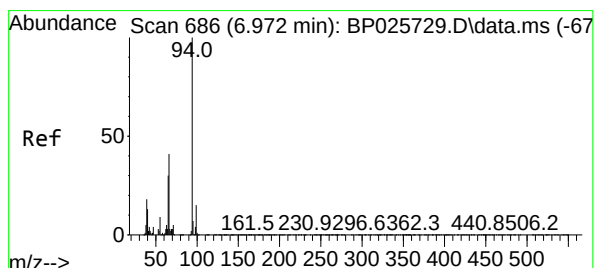
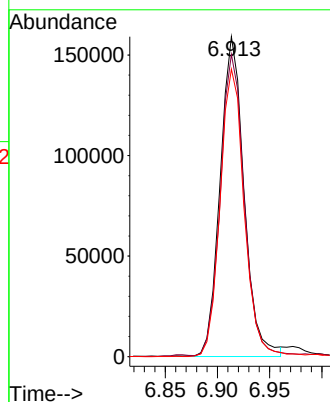
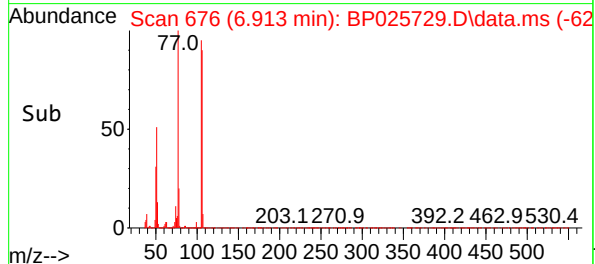
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 253178
Ion Ratio Lower Upper
77 100
105 94.5 75.2 115.2
106 89.8 71.3 111.3

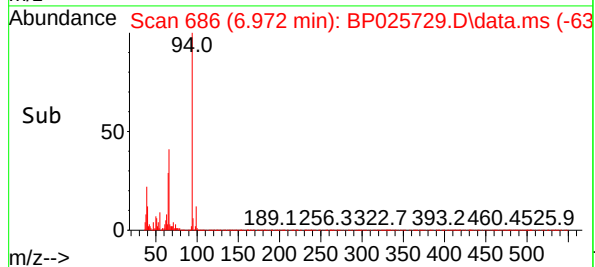
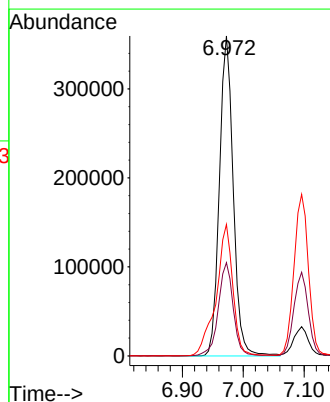
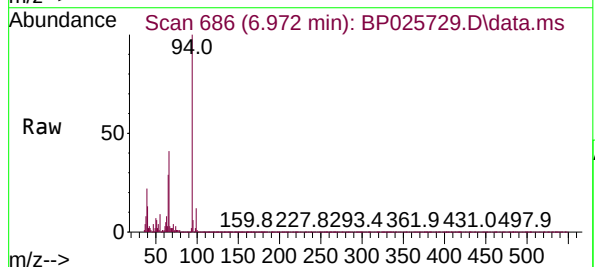
Manual Integrations
APPROVED

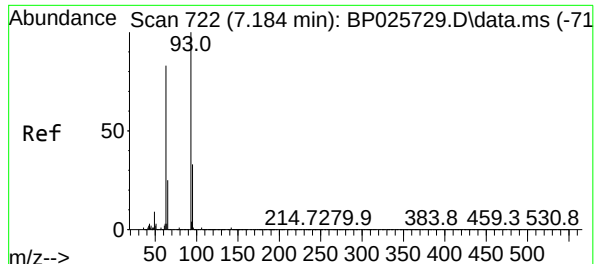
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#10
Phenol
Concen: 45.227 ng
RT: 6.972 min Scan# 686
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 94 Resp: 568213
Ion Ratio Lower Upper
94 100
65 29.1 10.2 50.2
66 41.1 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 44.575 ng

RT: 7.190 min Scan# 722

Delta R.T. 0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 93 Resp: 449932

Ion Ratio Lower Upper

93 100

63 81.5 62.6 102.6

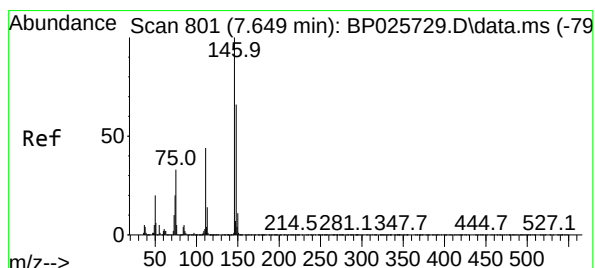
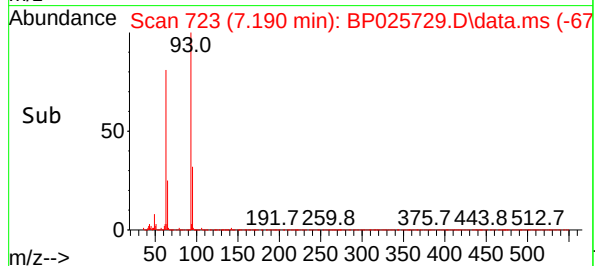
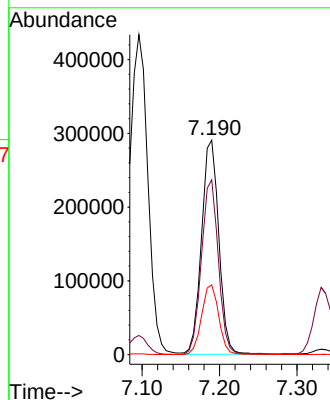
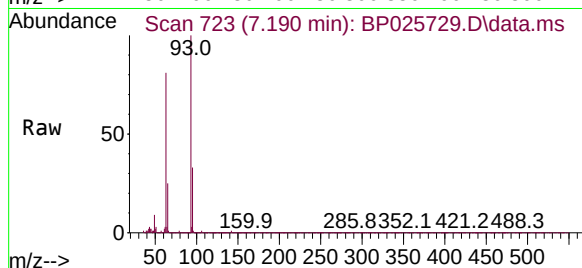
95 32.5 13.2 53.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#12

1,3-Dichlorobenzene

Concen: 43.256 ng

RT: 7.649 min Scan# 801

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

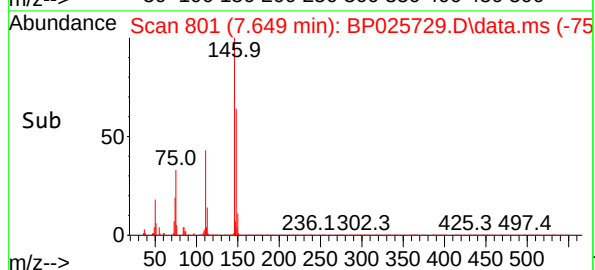
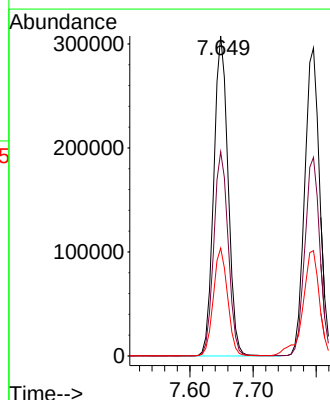
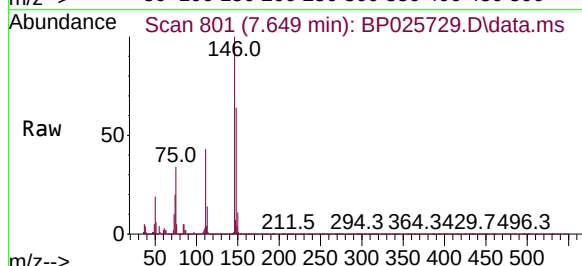
Tgt Ion:146 Resp: 484132

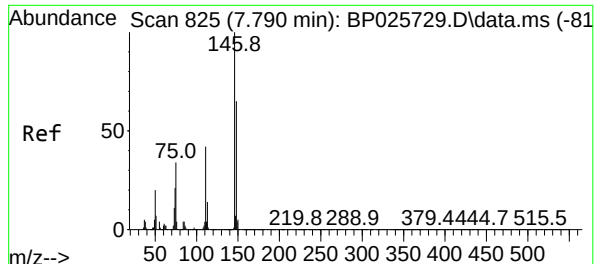
Ion Ratio Lower Upper

146 100

148 63.8 52.7 79.1

75 33.7 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 42.874 ng

RT: 7.796 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 48879

Ion Ratio Lower Upper

146 100

148 64.5 52.0 78.0

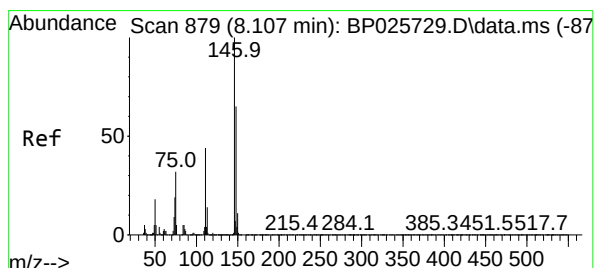
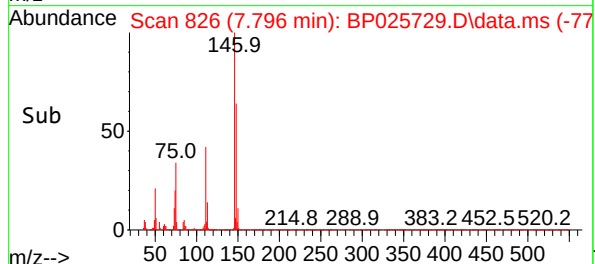
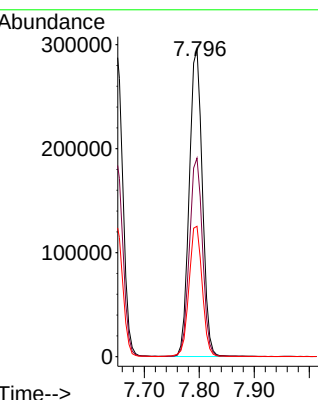
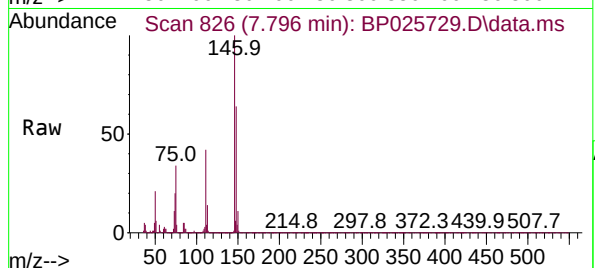
111 42.3 33.9 50.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#14

1,2-Dichlorobenzene

Concen: 43.182 ng

RT: 8.107 min Scan# 879

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

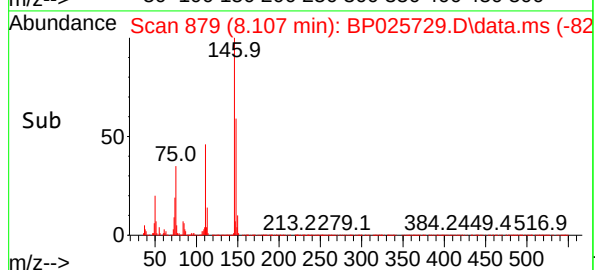
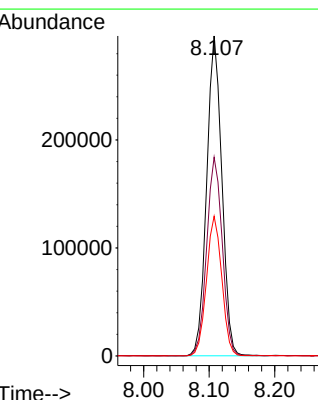
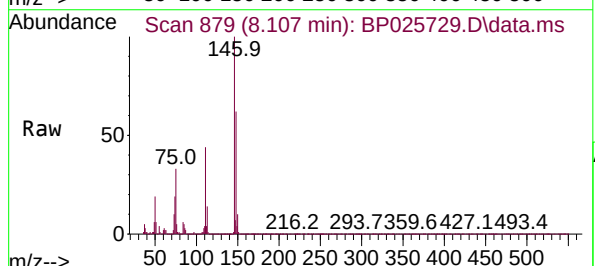
Tgt Ion:146 Resp: 478270

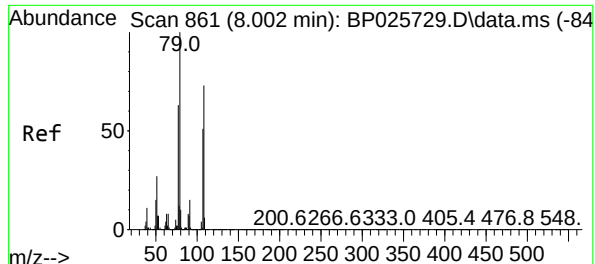
Ion Ratio Lower Upper

146 100

148 62.1 51.7 77.5

111 43.6 35.5 53.3





#15

Benzyl Alcohol

Concen: 44.371 ng

RT: 8.002 min Scan# 861

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 436860

Ion Ratio Lower Upper

79 100

108 74.1 58.7 88.1

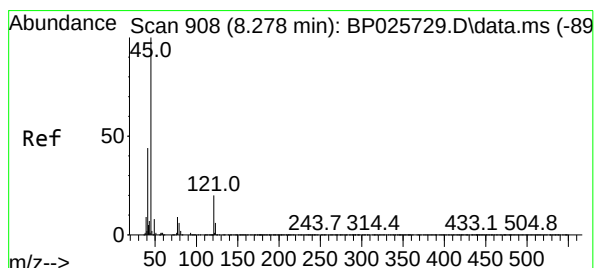
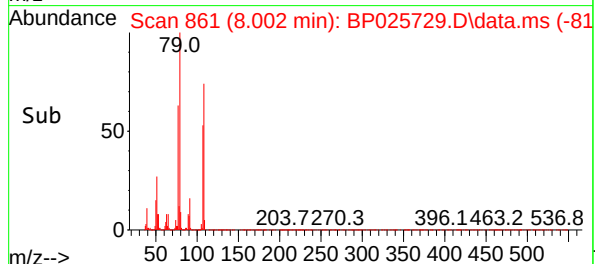
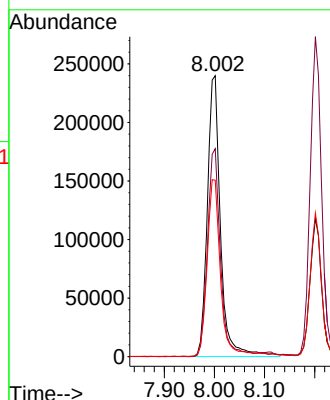
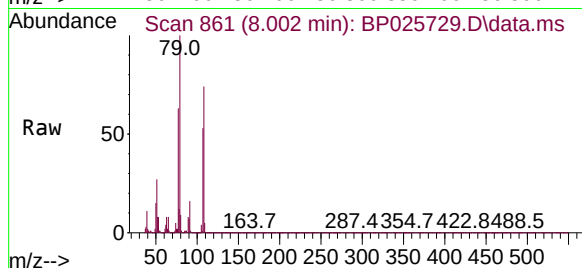
77 62.8 50.2 75.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.691 ng

RT: 8.278 min Scan# 908

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

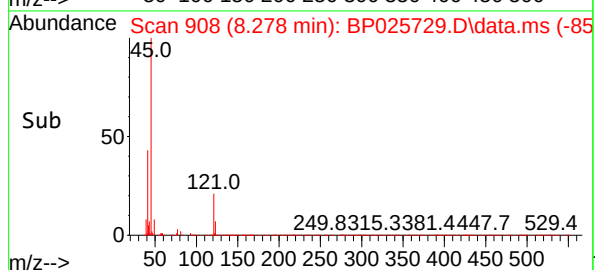
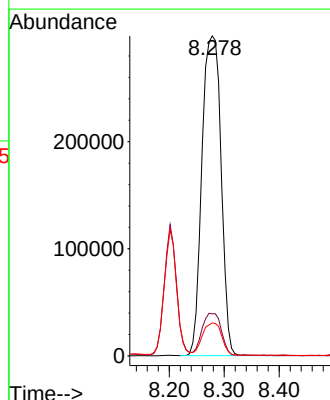
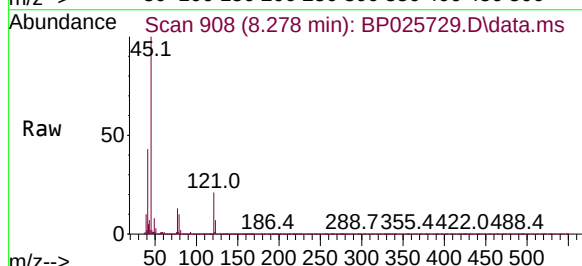
Tgt Ion: 45 Resp: 721206

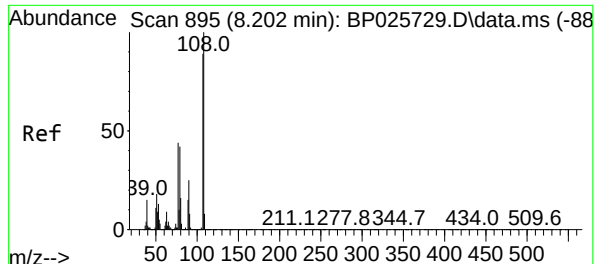
Ion Ratio Lower Upper

45 100

77 13.1 0.0 33.1

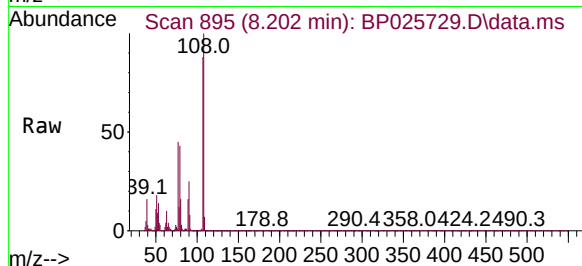
79 10.3 0.0 30.0





#17
2-Methylphenol
Concen: 45.040 ng
RT: 8.202 min Scan# 895
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

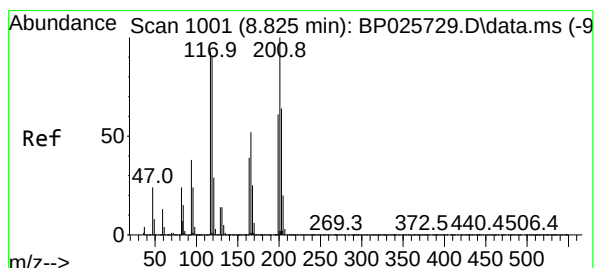
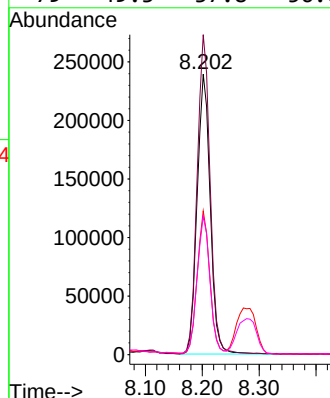
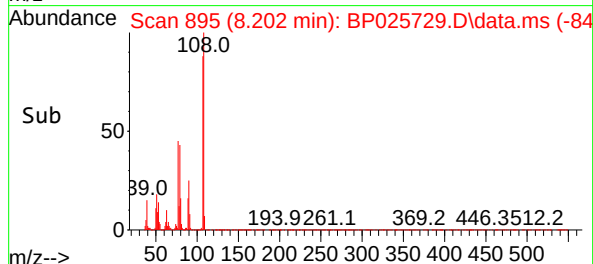
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



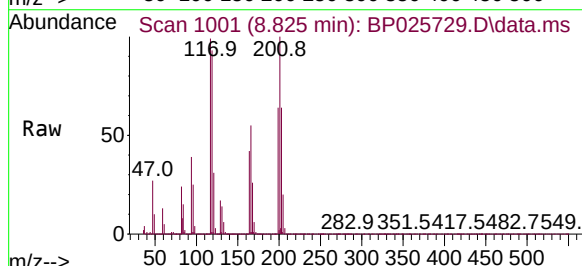
Tgt Ion:107 Resp: 381511
Ion Ratio Lower Upper
107 100
108 114.1 89.6 134.4
77 51.2 39.3 58.9
79 49.3 37.8 56.6

Manual Integrations
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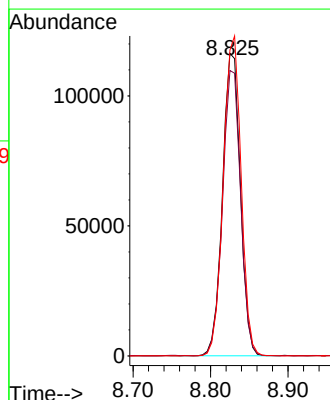
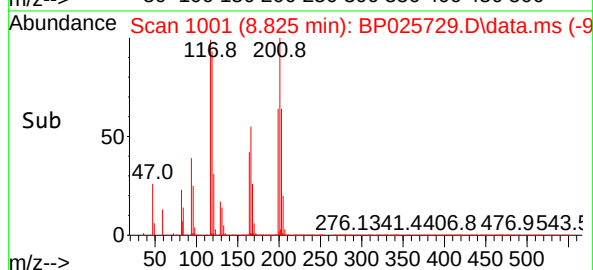
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

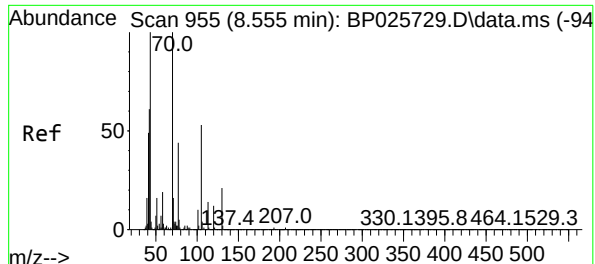


#18
Hexachloroethane
Concen: 42.979 ng
RT: 8.825 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21



Tgt Ion:117 Resp: 187163
Ion Ratio Lower Upper
117 100
119 94.3 77.1 115.7
201 101.1 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 46.485 ng

RT: 8.554 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 381756

Ion Ratio Lower Upper

70 100

42 60.9 49.0 73.4

101 9.7 7.9 11.9

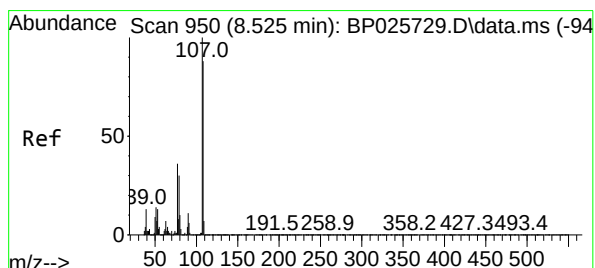
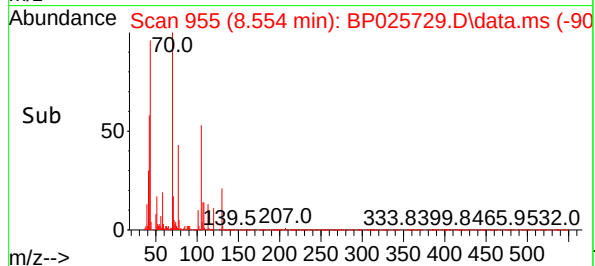
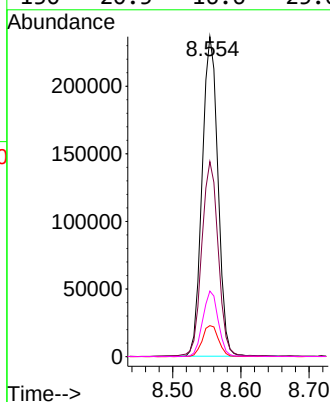
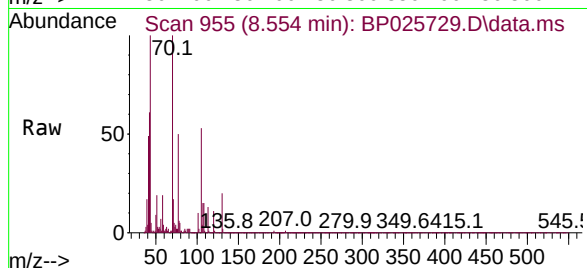
130 20.5 16.6 25.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#20

3+4-Methylphenols

Concen: 44.351 ng

RT: 8.525 min Scan# 950

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Tgt Ion:107 Resp: 526118

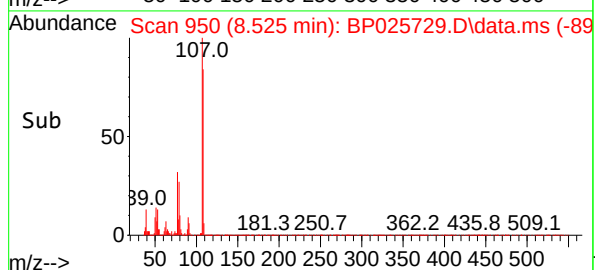
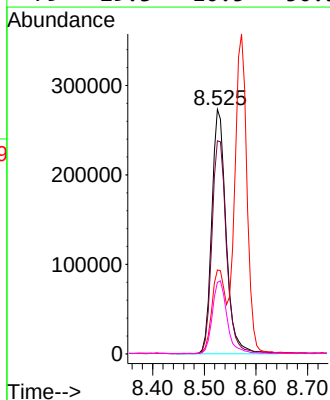
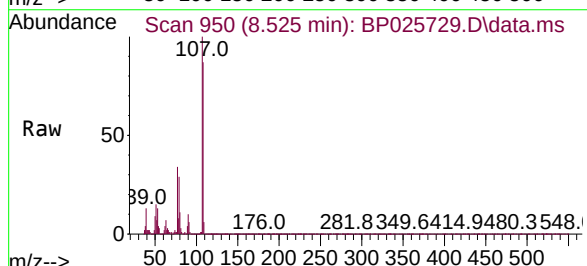
Ion Ratio Lower Upper

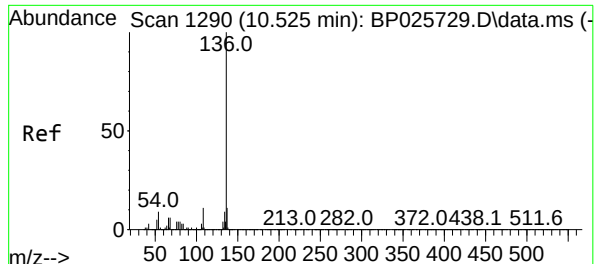
107 100

108 87.1 67.8 107.8

77 34.3 16.1 56.1

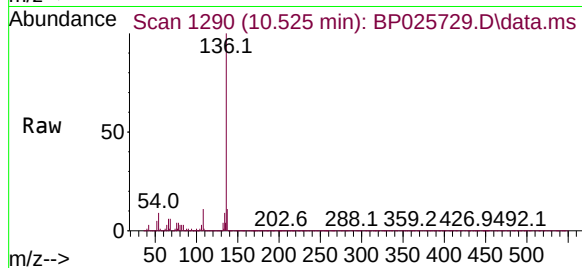
79 29.3 10.5 50.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.525 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

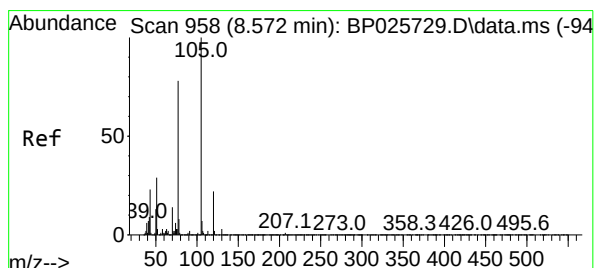
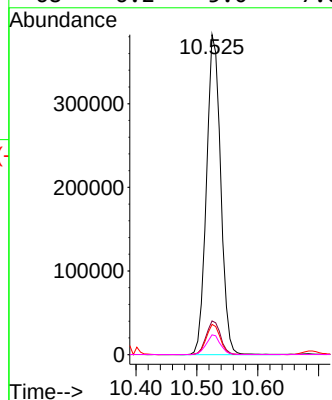
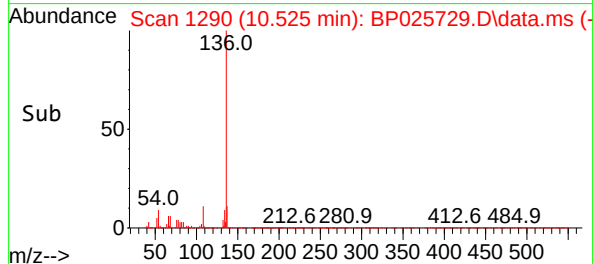
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 617318
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 9.4 7.5 11.3
68 6.2 5.0 7.6

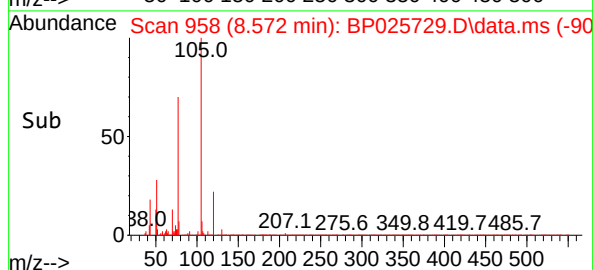
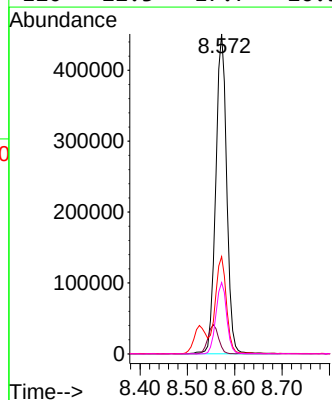
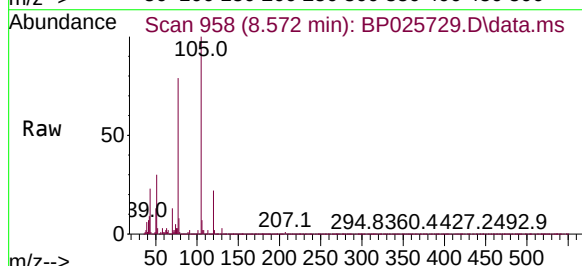
Manual Integrations
APPROVED

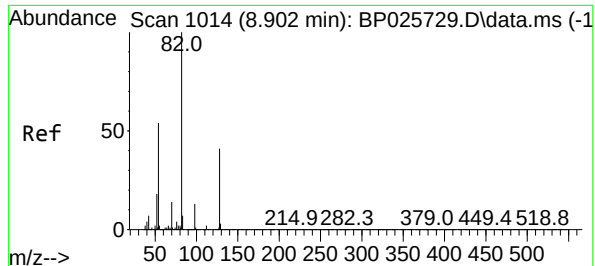
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#22
Acetophenone
Concen: 44.034 ng
RT: 8.572 min Scan# 958
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

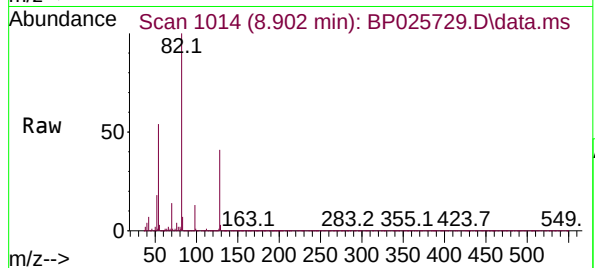
Tgt Ion:105 Resp: 726426
Ion Ratio Lower Upper
105 100
71 2.2 1.8 2.8
51 30.4 23.5 35.3
120 22.3 17.7 26.5





#23
Nitrobenzene-d5
Concen: 87.524 ng
RT: 8.902 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

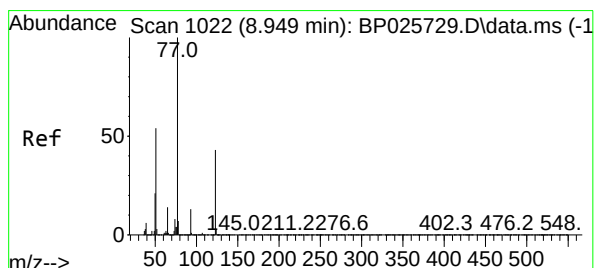
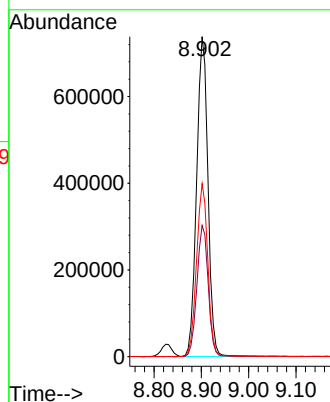
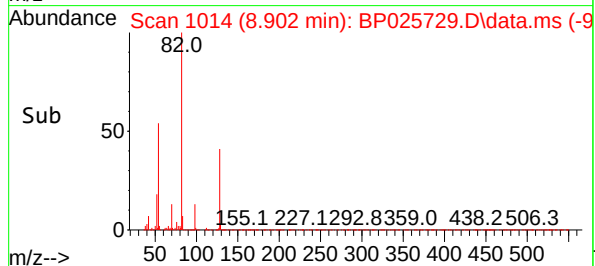
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 82 Resp: 1224876
Ion Ratio Lower Upper
82 100
128 41.0 32.9 49.3
54 54.1 43.4 65.2

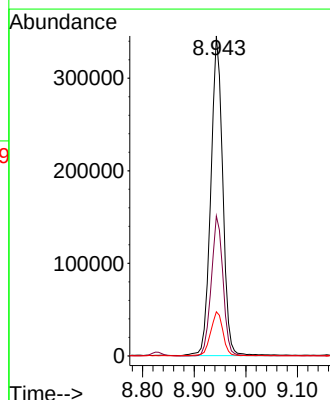
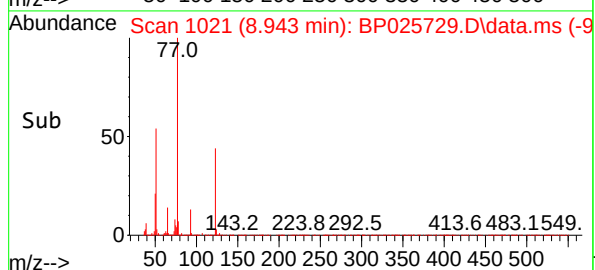
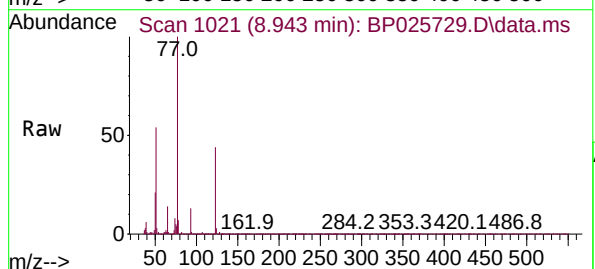
Manual Integrations
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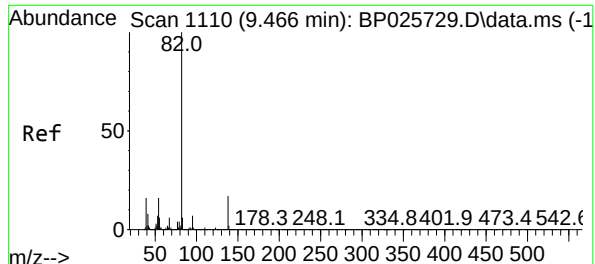
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#24
Nitrobenzene
Concen: 44.142 ng
RT: 8.943 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 77 Resp: 554186
Ion Ratio Lower Upper
77 100
123 43.7 34.4 51.6
65 13.8 10.8 16.2





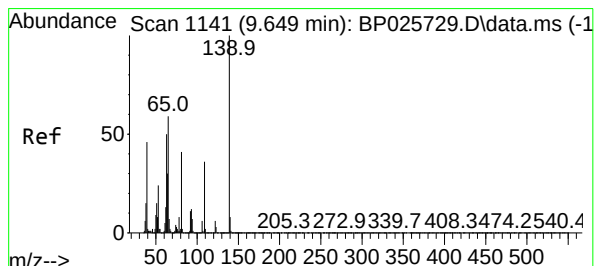
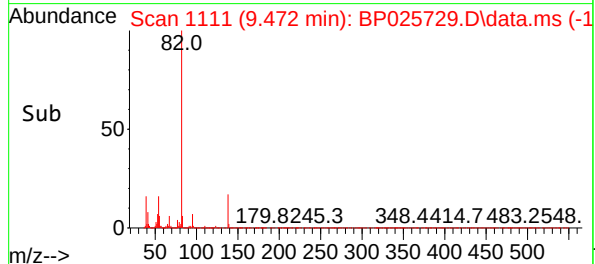
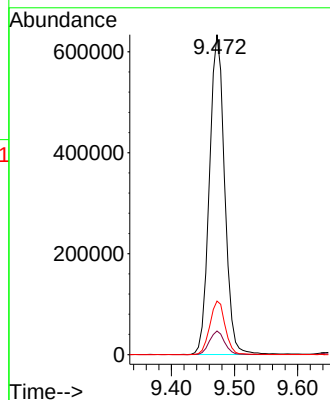
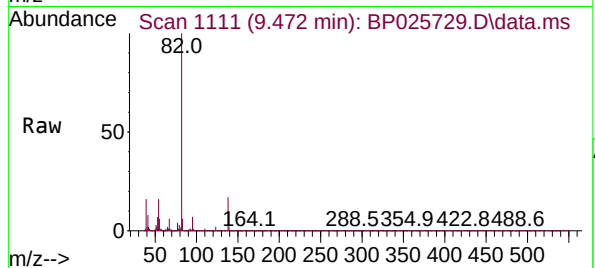
#25
Isophorone
Concen: 43.173 ng
RT: 9.472 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1061978
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 16.7 13.5 20.3

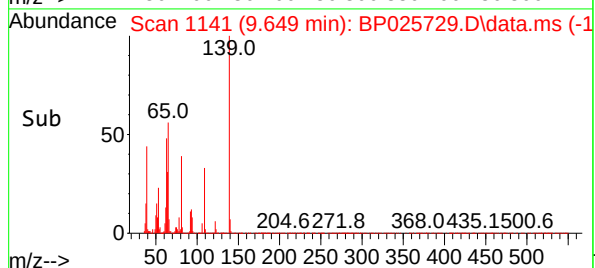
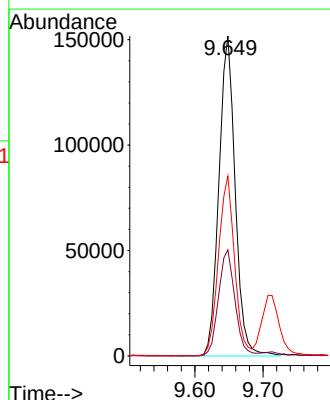
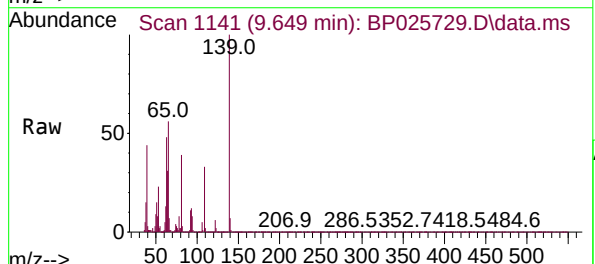
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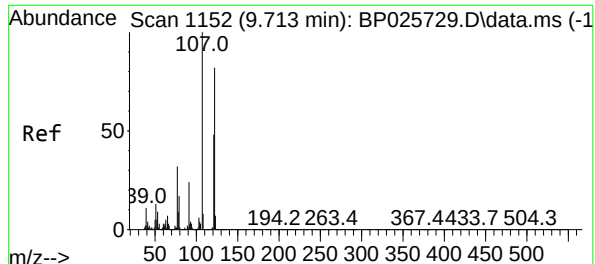
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#26
2-Nitrophenol
Concen: 44.885 ng
RT: 9.649 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

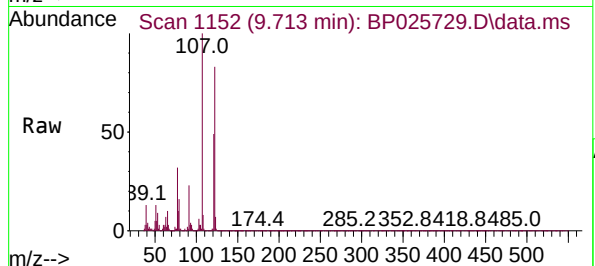
Tgt Ion:139 Resp: 250189
Ion Ratio Lower Upper
139 100
109 33.2 29.0 43.4
65 56.2 46.9 70.3





#27
2,4-Dimethylphenol
Concen: 44.957 ng
RT: 9.713 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

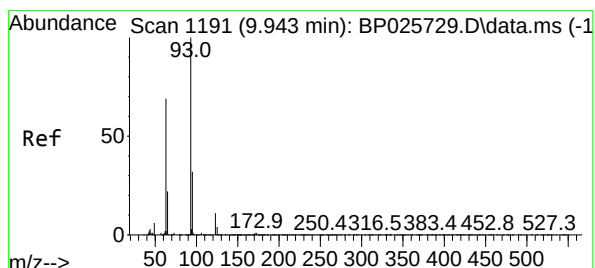
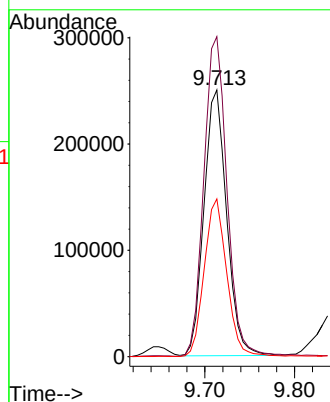
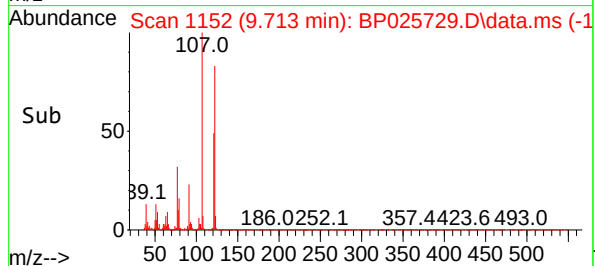
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:122 Resp: 439626
Ion Ratio Lower Upper
122 100
107 120.0 97.9 146.9
121 59.1 47.4 71.0

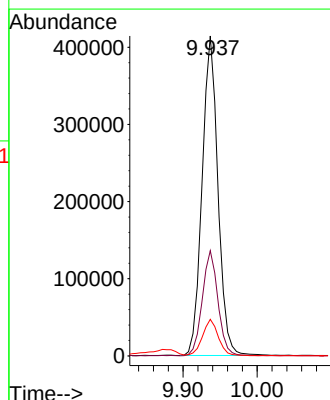
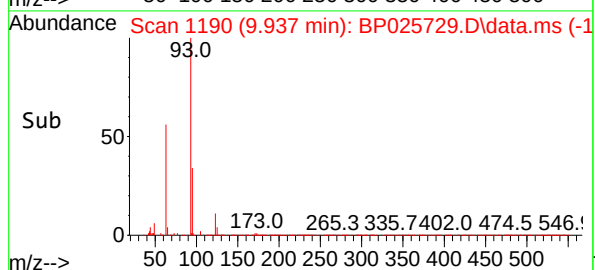
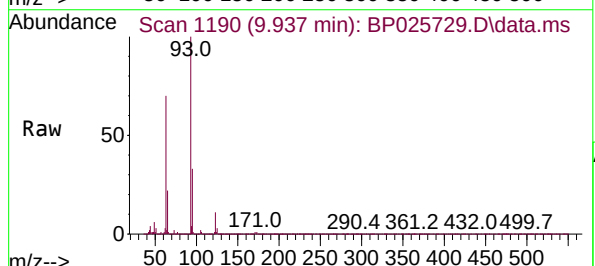
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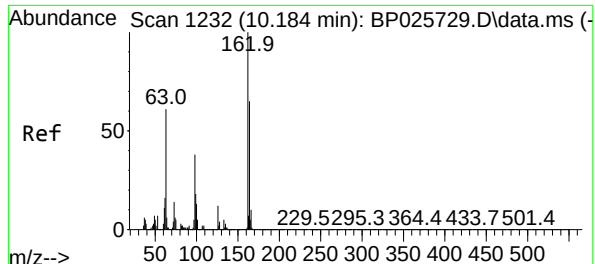
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#28
bis(2-Chloroethoxy)methane
Concen: 43.278 ng
RT: 9.937 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 93 Resp: 615359
Ion Ratio Lower Upper
93 100
95 32.9 25.6 38.4
123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 44.201 ng

RT: 10.190 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 430954

Ion Ratio Lower Upper

162 100

164 65.1 44.7 84.7

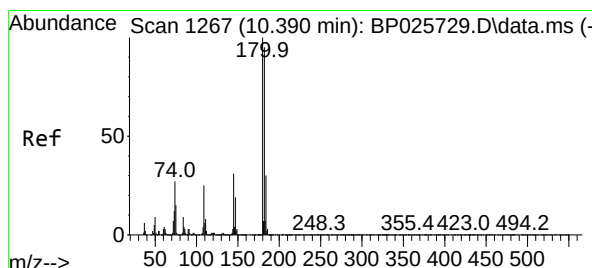
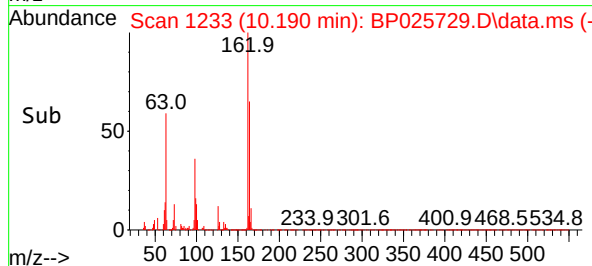
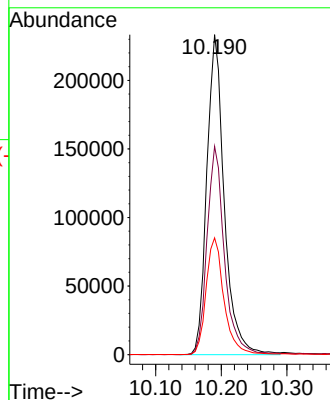
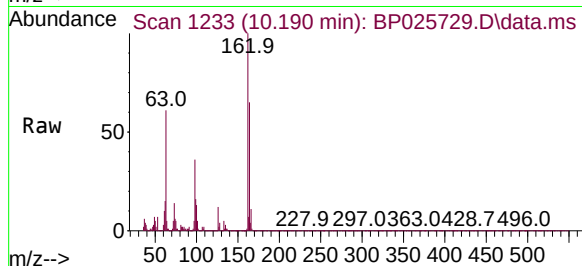
98 36.5 18.1 58.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.499 ng

RT: 10.396 min Scan# 1268

Delta R.T. 0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

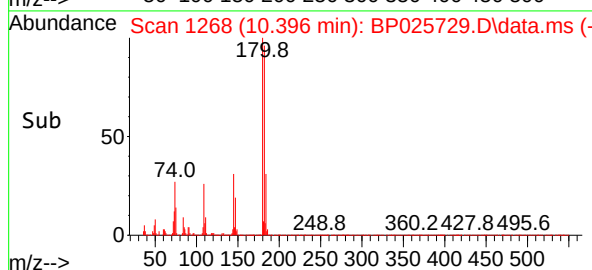
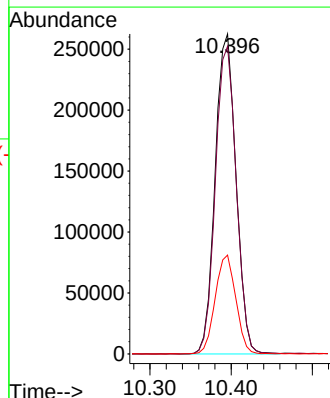
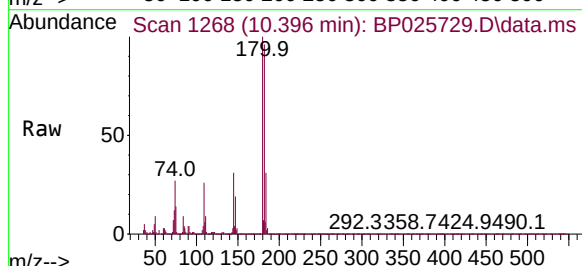
Tgt Ion:180 Resp: 466981

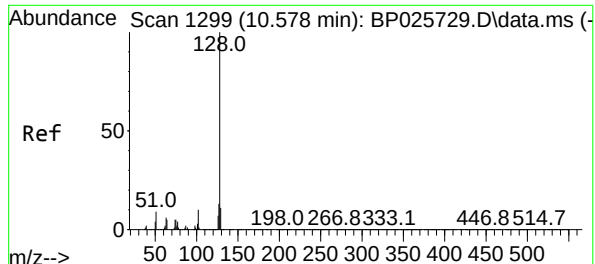
Ion Ratio Lower Upper

180 100

182 96.1 76.0 114.0

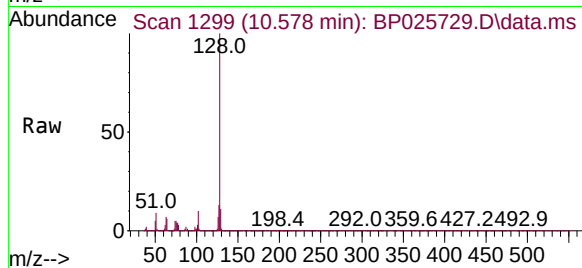
145 30.9 24.7 37.1





#31
Naphthalene
Concen: 42.548 ng
RT: 10.578 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

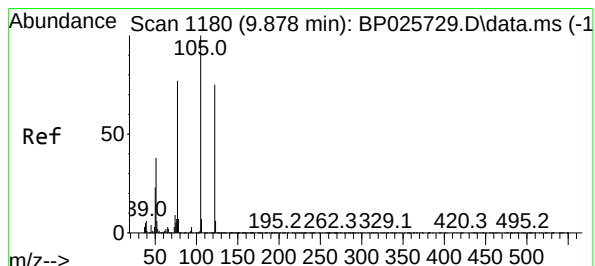
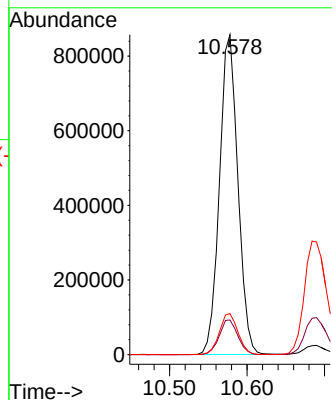
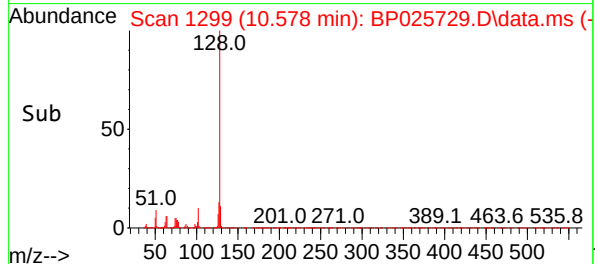
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 1416256
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.8 10.2 15.4

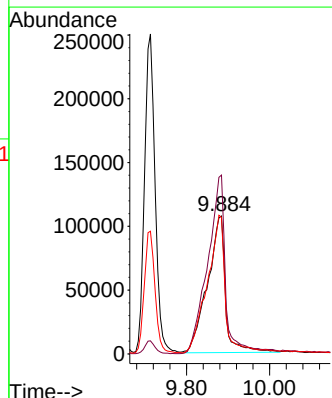
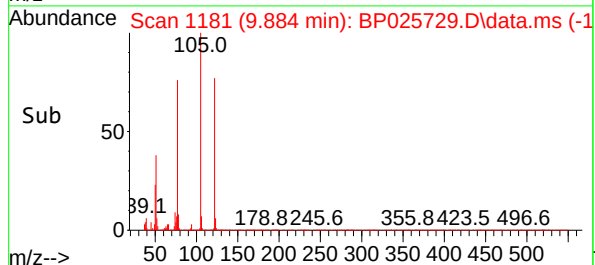
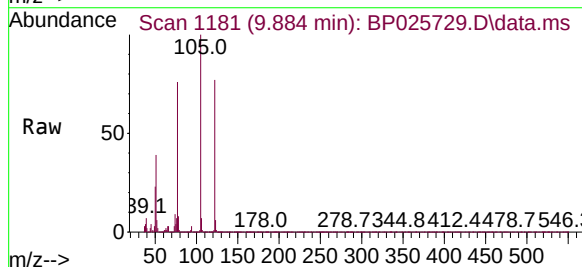
Manual Integrations
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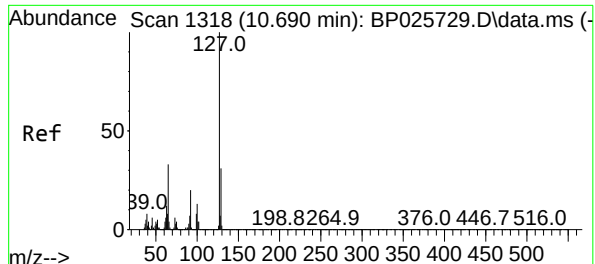
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#32
Benzoic acid
Concen: 44.337 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

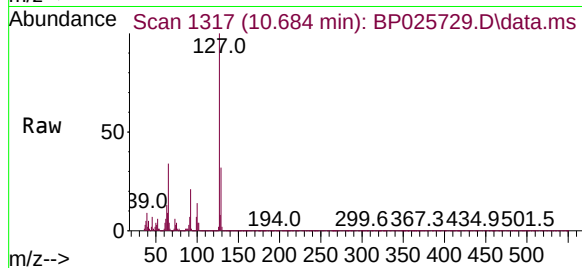
Tgt Ion:122 Resp: 322344
Ion Ratio Lower Upper
122 100
105 129.7 111.5 151.5
77 99.1 81.8 121.8





#33
4-Chloroaniline
Concen: 45.380 ng
RT: 10.684 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

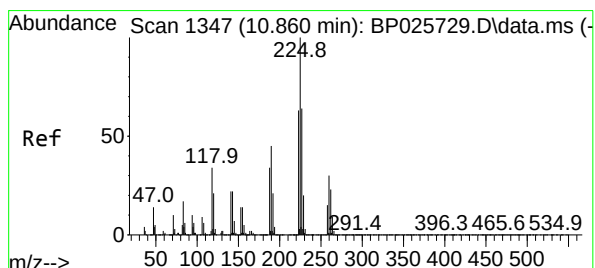
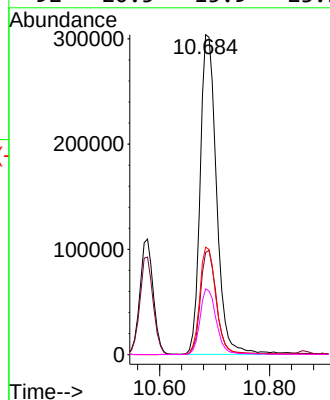
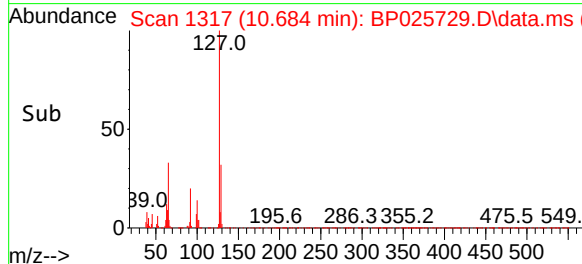
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:127 Resp: 629600
Ion Ratio Lower Upper
127 100
129 31.9 25.1 37.7
65 33.6 26.4 39.6
92 20.5 15.9 23.9

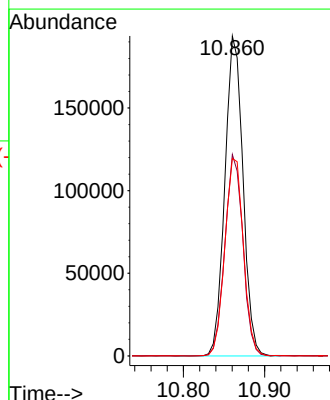
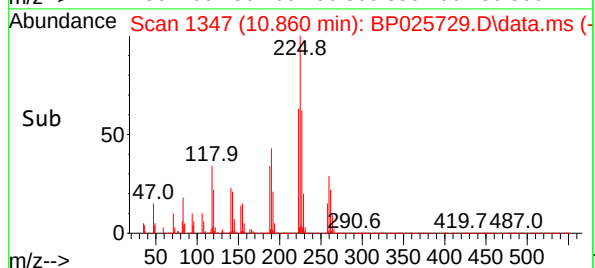
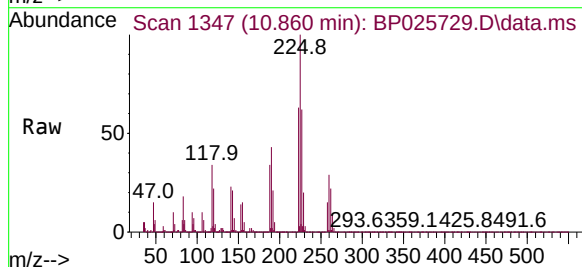
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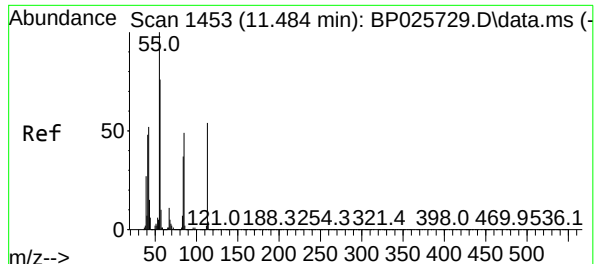
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#34
Hexachlorobutadiene
Concen: 42.296 ng
RT: 10.860 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

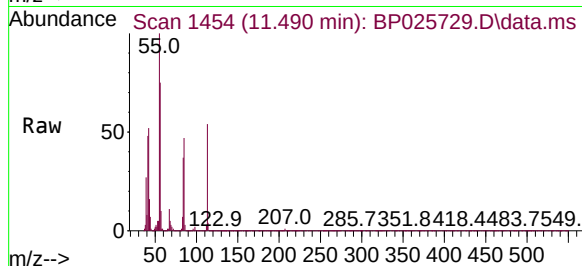
Tgt Ion:225 Resp: 299180
Ion Ratio Lower Upper
225 100
223 62.9 50.1 75.1
227 61.7 51.2 76.8





#35
Caprolactam
Concen: 43.455 ng
RT: 11.490 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

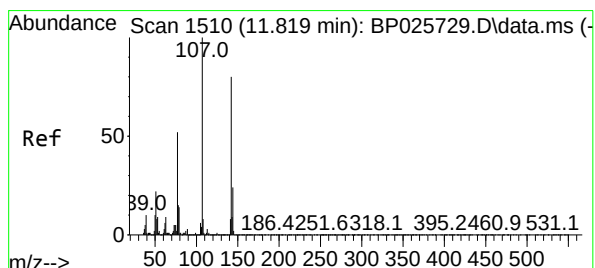
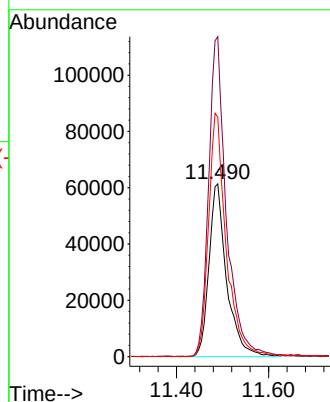
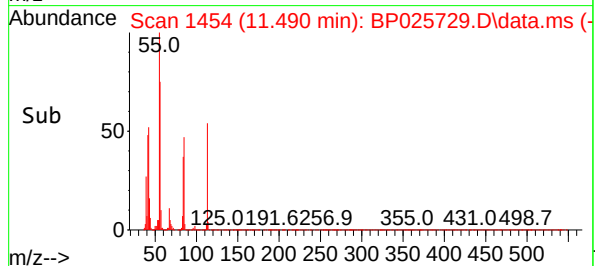
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:113 Resp: 162983
Ion Ratio Lower Upper
113 100
55 185.3 165.5 205.5
56 138.5 121.1 161.1

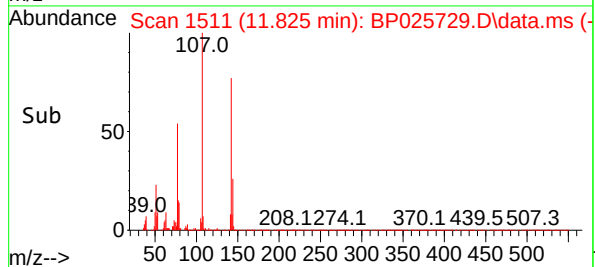
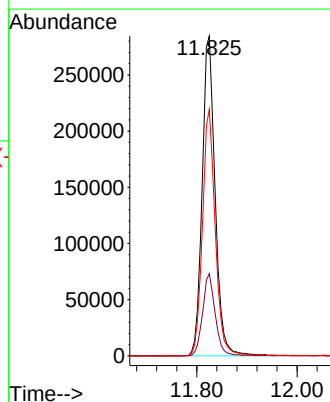
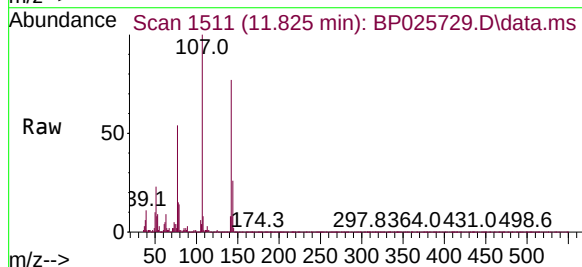
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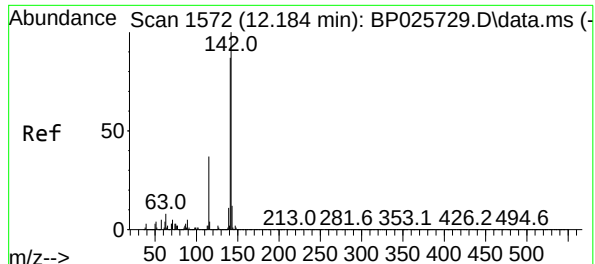
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#36
4-Chloro-3-methylphenol
Concen: 44.012 ng
RT: 11.825 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:107 Resp: 511595
Ion Ratio Lower Upper
107 100
144 25.7 19.4 29.2
142 77.1 63.8 95.6





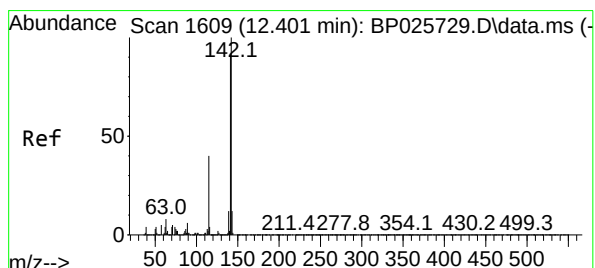
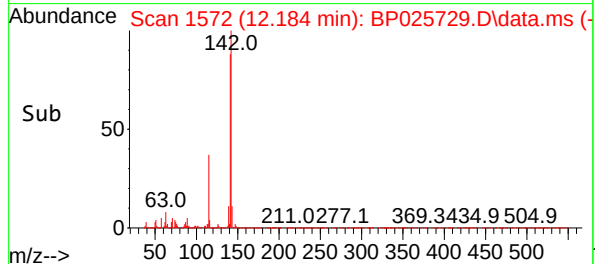
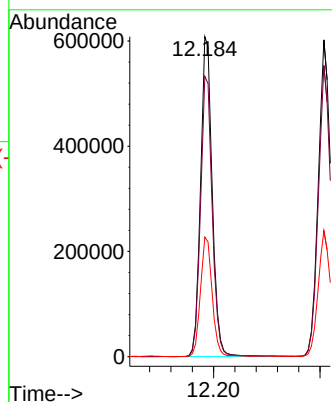
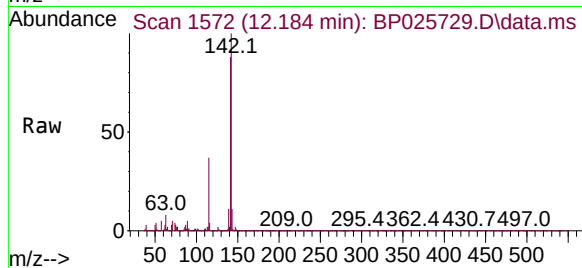
#37
2-Methylnaphthalene
Concen: 43.164 ng
RT: 12.184 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 922799
Ion Ratio Lower Upper
142 100
141 87.6 69.6 104.4
115 37.3 30.0 45.0

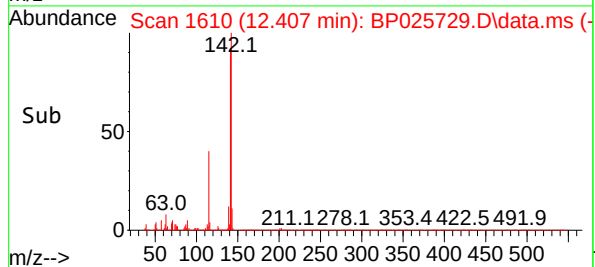
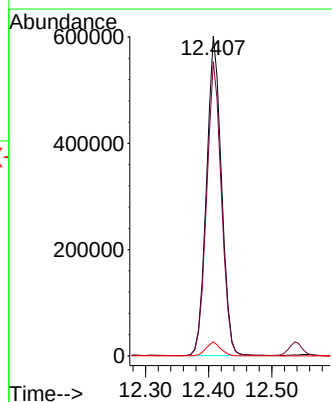
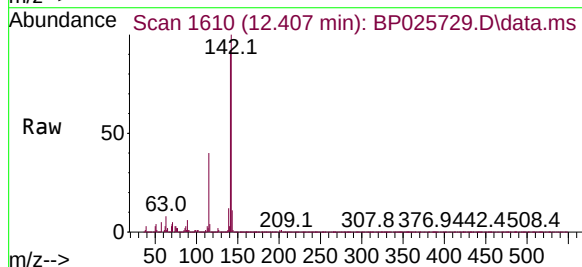
Manual Integrations
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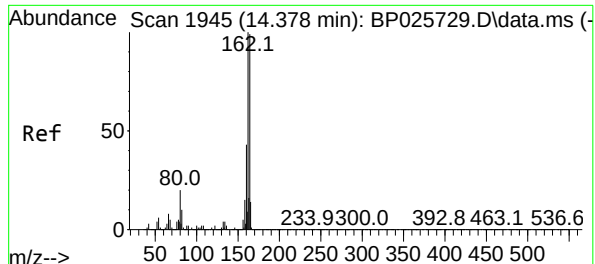
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#38
1-Methylnaphthalene
Concen: 43.302 ng
RT: 12.407 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

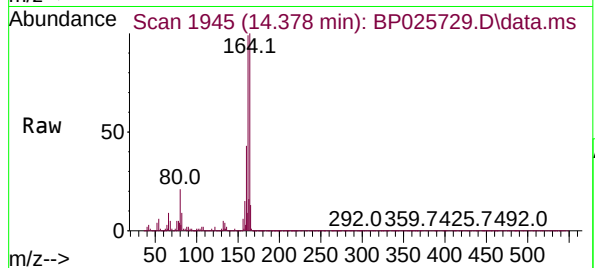
Tgt Ion:142 Resp: 987208
Ion Ratio Lower Upper
142 100
141 91.9 72.7 109.1
116 4.4 3.5 5.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

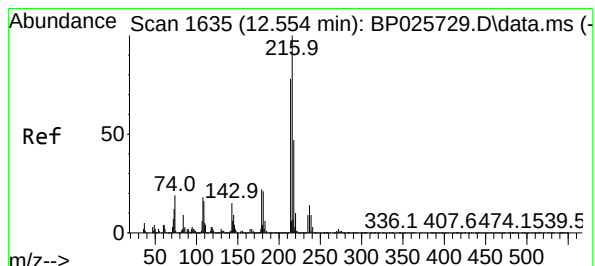
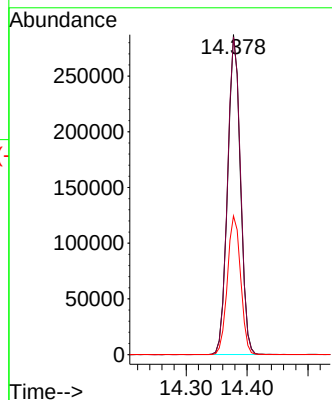
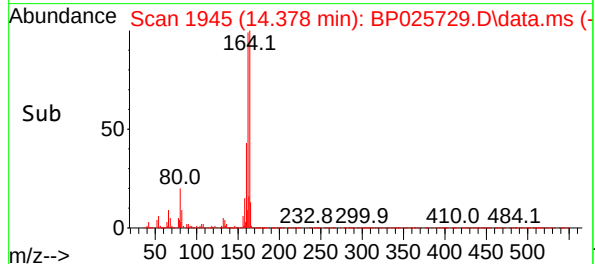
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



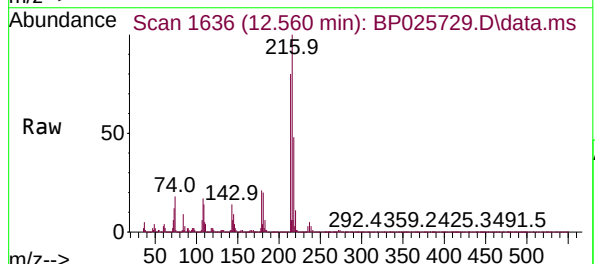
Tgt Ion:164 Resp: 41812
Ion Ratio Lower Upper
164 100
162 99.3 80.6 120.8
160 43.3 35.0 52.6

Manual Integrations
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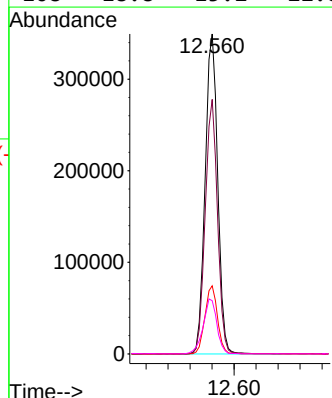
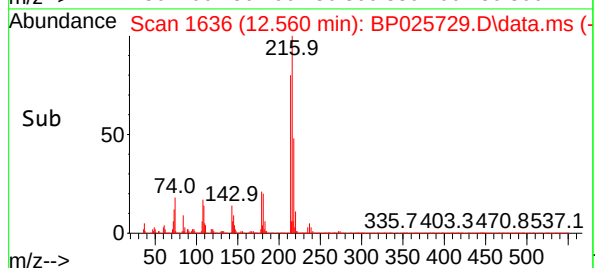
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

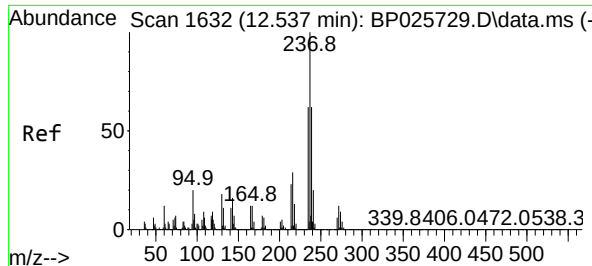


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.550 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21



Tgt Ion:216 Resp: 551785
Ion Ratio Lower Upper
216 100
214 78.0 62.4 93.6
179 21.3 17.0 25.6
108 18.8 15.2 22.8





#41

Hexachlorocyclopentadiene

Concen: 46.055 ng

RT: 12.537 min Scan# 10

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:237 Resp: 31781

Ion Ratio Lower Upper

237 100

235 62.4 41.9 81.9

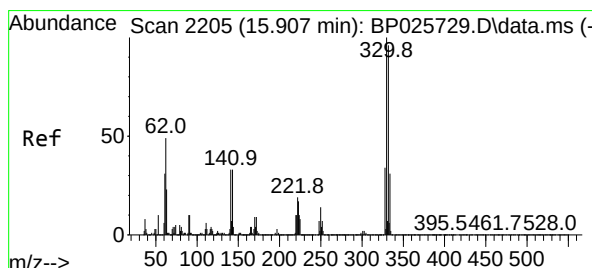
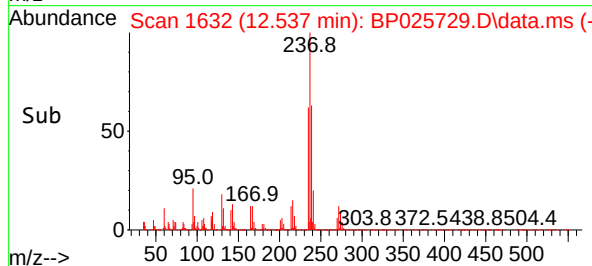
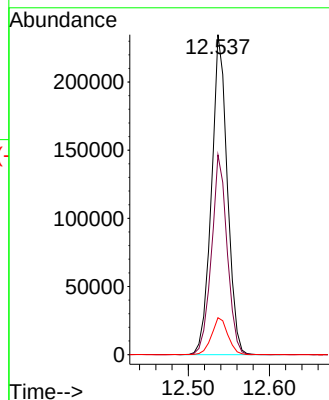
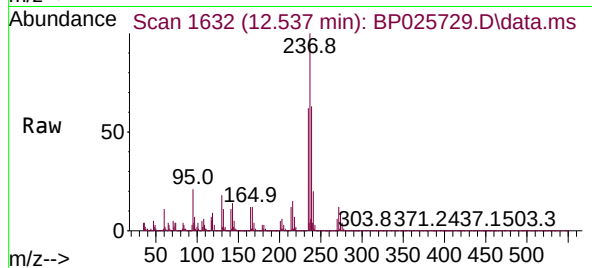
272 11.5 0.0 31.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#42

2,4,6-Tribromophenol

Concen: 88.699 ng

RT: 15.895 min Scan# 2203

Delta R.T. -0.012 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

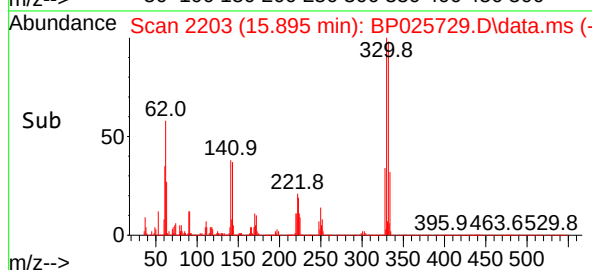
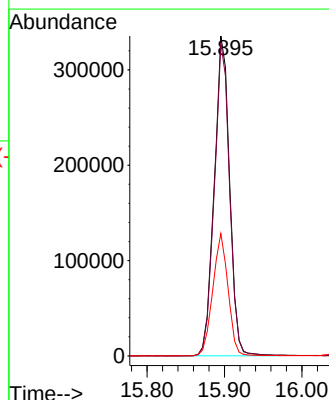
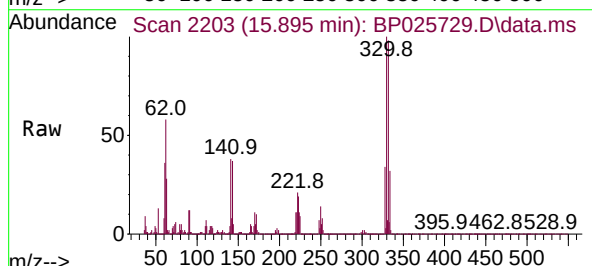
Tgt Ion:330 Resp: 462583

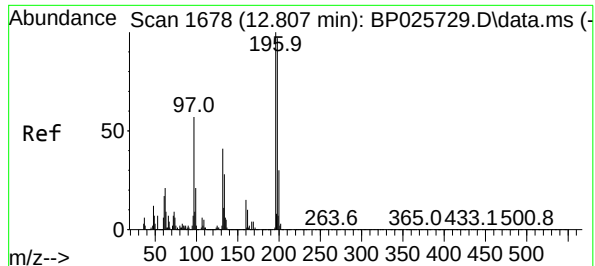
Ion Ratio Lower Upper

330 100

332 97.1 76.9 115.3

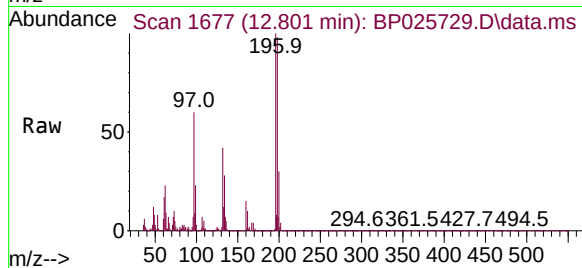
141 38.0 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 44.726 ng
RT: 12.801 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

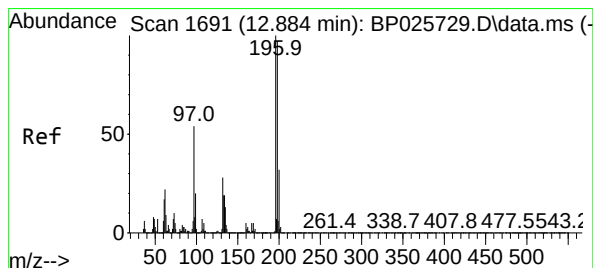
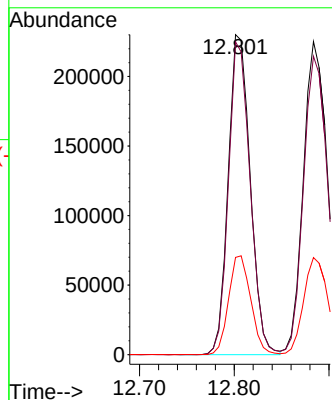
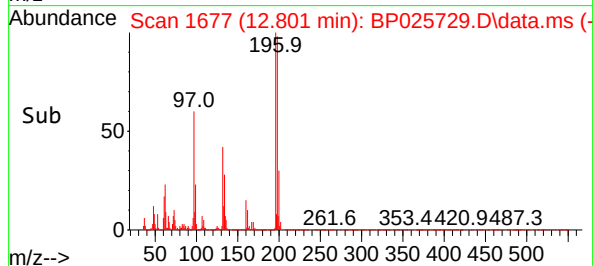
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:196 Resp: 372542
Ion Ratio Lower Upper
196 100
198 97.7 77.2 115.8
200 30.4 24.2 36.2

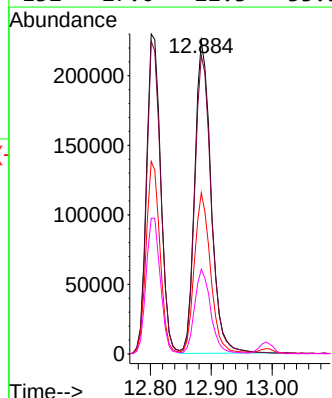
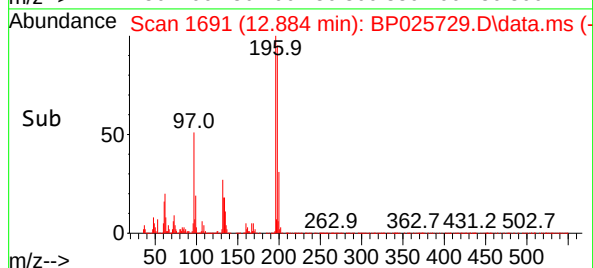
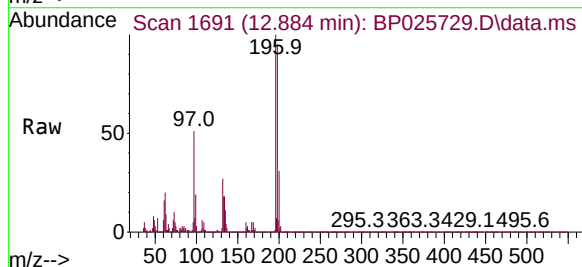
Manual Integrations
APPROVED

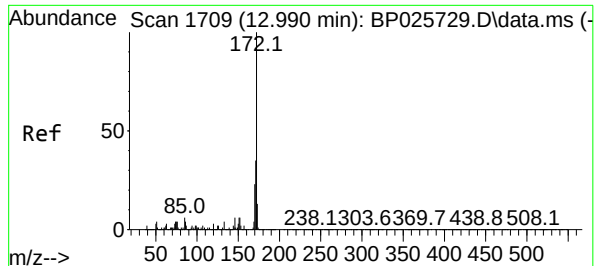
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#44
2,4,5-Trichlorophenol
Concen: 45.167 ng
RT: 12.884 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

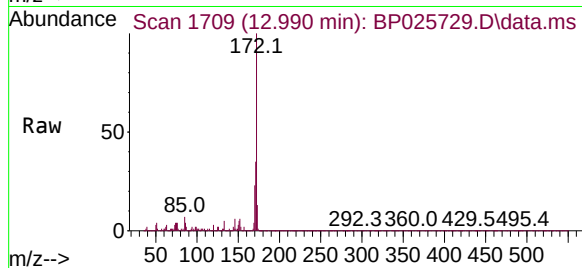
Tgt Ion:196 Resp: 418700
Ion Ratio Lower Upper
196 100
198 95.3 77.8 116.8
97 51.4 43.3 64.9
132 27.0 22.3 33.5





#45
2-Fluorobiphenyl
Concen: 85.008 ng
RT: 12.990 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

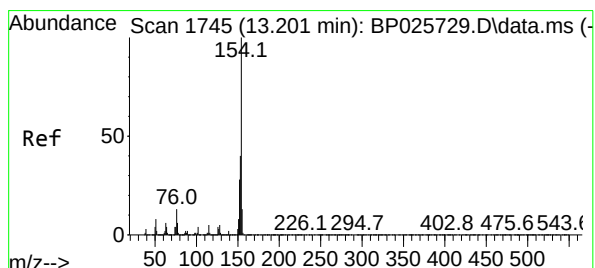
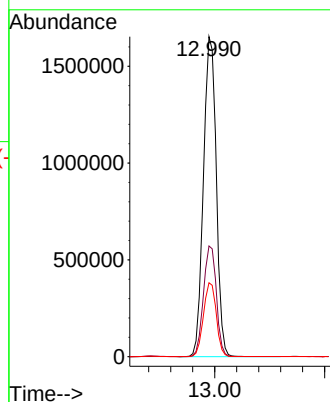
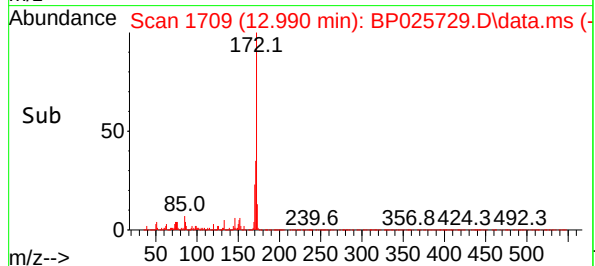
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



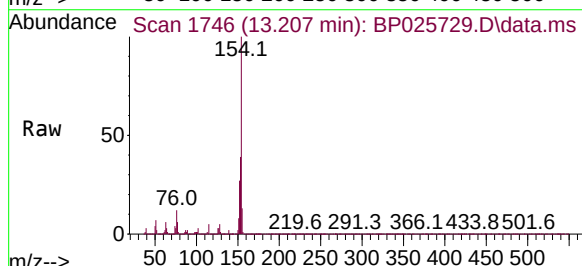
Tgt Ion:172 Resp: 2669440
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.1 18.6 27.8

Manual Integrations
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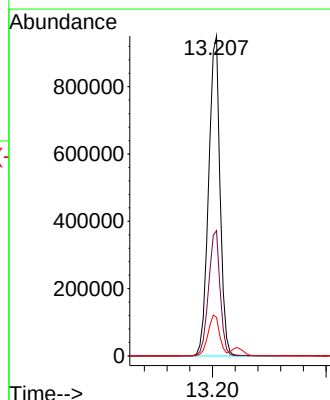
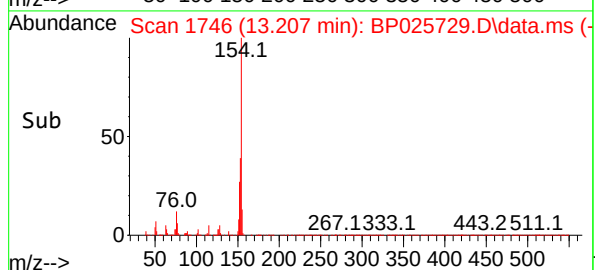
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

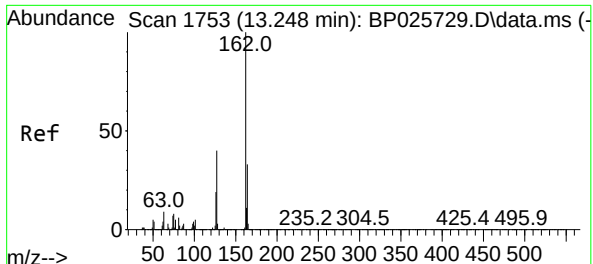


#46
1,1'-Biphenyl
Concen: 43.254 ng
RT: 13.207 min Scan# 1746
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21



Tgt Ion:154 Resp: 1327491
Ion Ratio Lower Upper
154 100
153 39.1 19.7 59.7
76 12.0 0.0 33.3





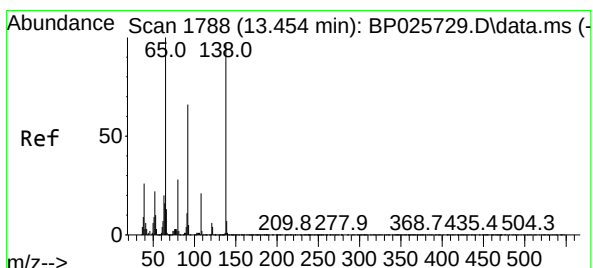
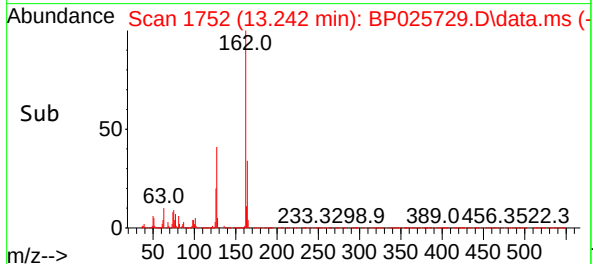
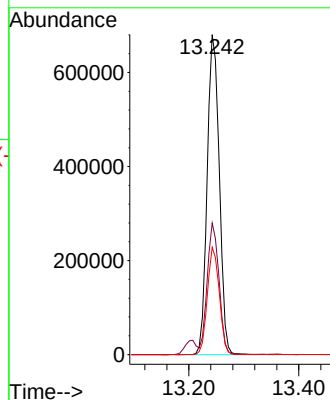
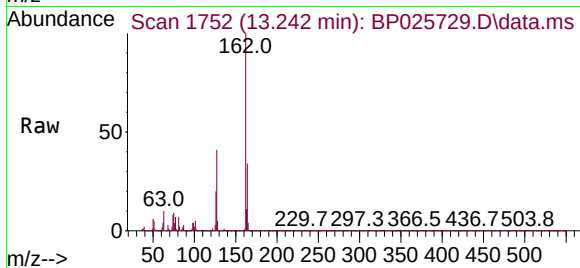
#47
2-Chloronaphthalene
Concen: 42.913 ng
RT: 13.242 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 1037016
Ion Ratio Lower Upper
162 100
127 41.1 32.2 48.4
164 33.5 26.5 39.7

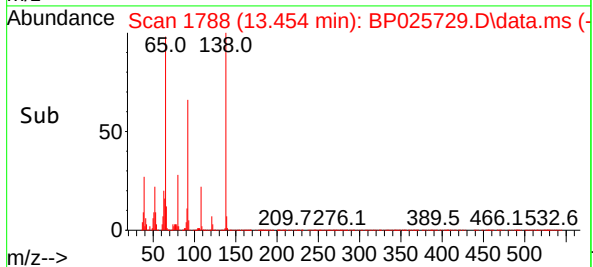
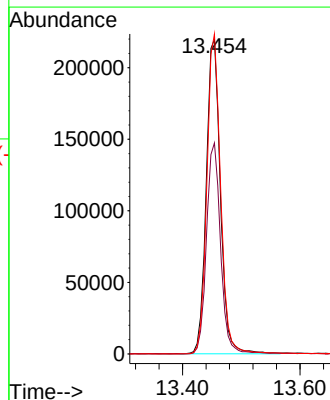
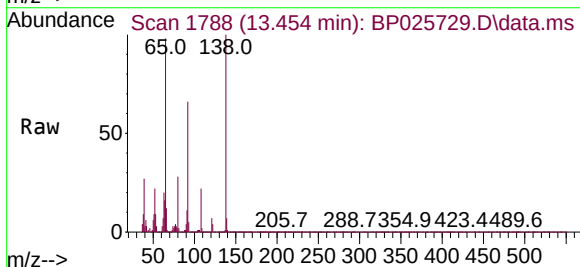
Manual Integrations
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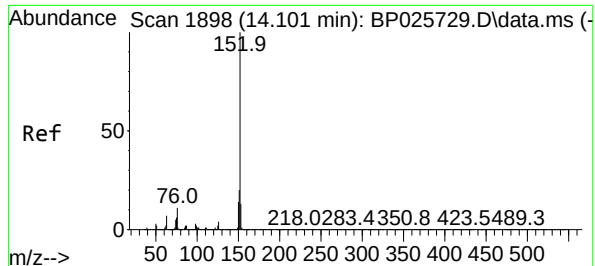
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#48
2-Nitroaniline
Concen: 45.547 ng
RT: 13.454 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 65 Resp: 366901
Ion Ratio Lower Upper
65 100
92 67.1 53.1 79.7
138 101.8 77.8 116.8





#49

Acenaphthylene

Concen: 42.987 ng

RT: 14.101 min Scan# 1898

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:152 Resp: 1721169

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

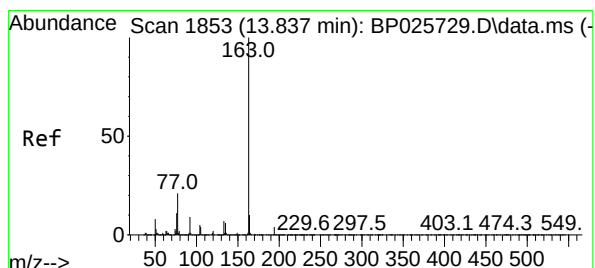
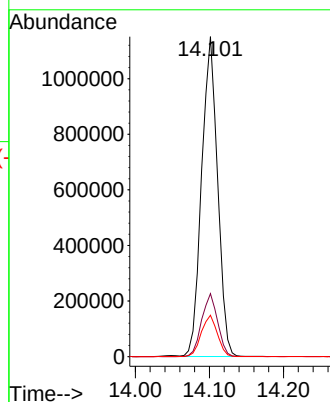
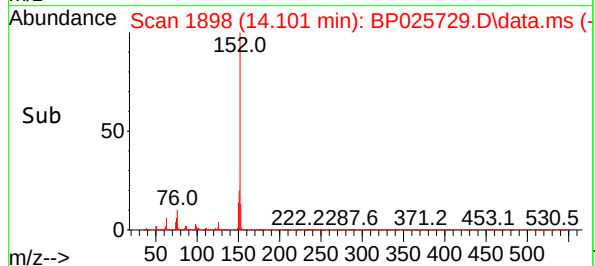
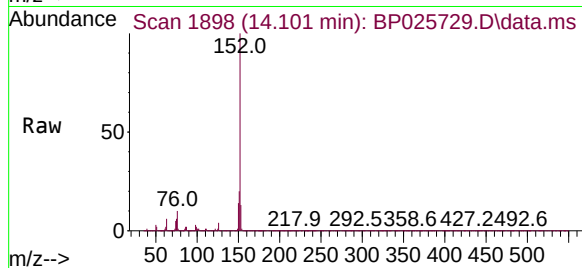
153 12.9 10.5 15.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#50

Dimethylphthalate

Concen: 43.460 ng

RT: 13.837 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

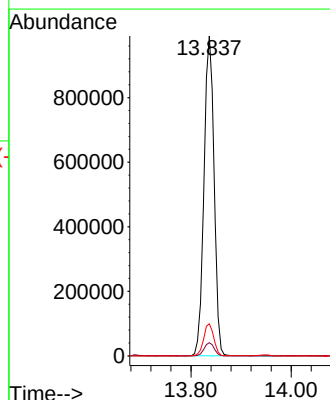
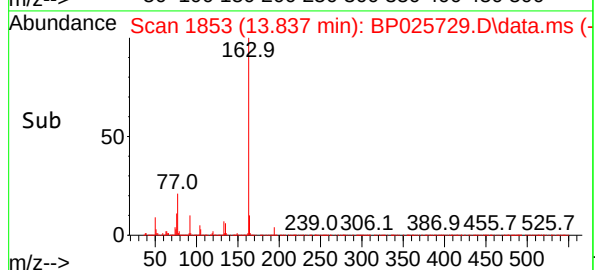
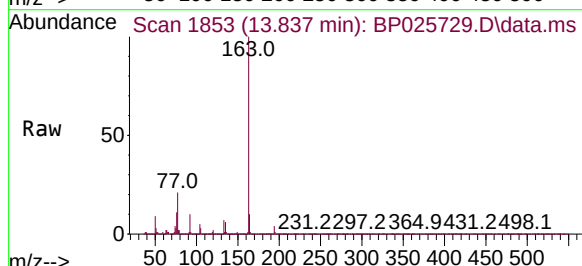
Tgt Ion:163 Resp: 1387323

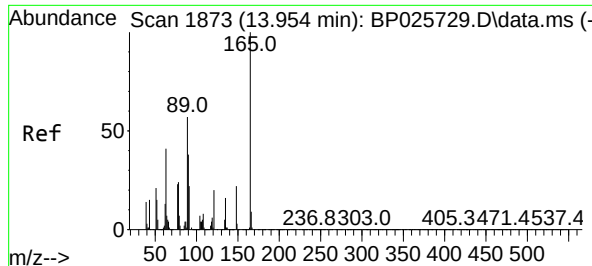
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.0 8.2 12.2





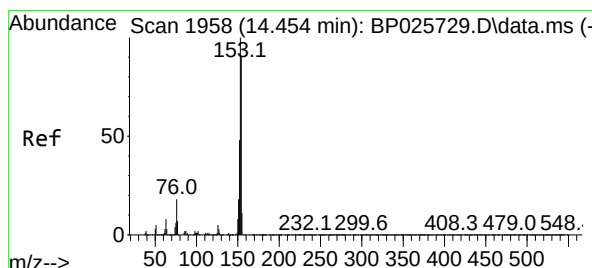
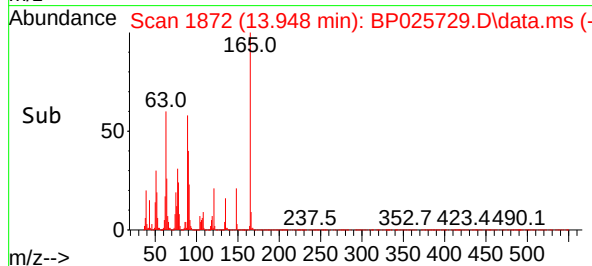
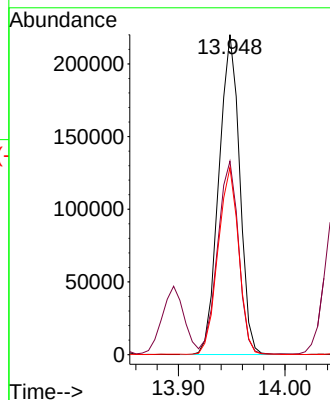
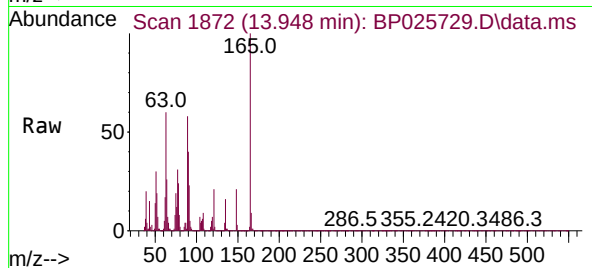
#51
2,6-Dinitrotoluene
Concen: 44.293 ng
RT: 13.948 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 299565
Ion Ratio Lower Upper
165 100
63 60.4 48.1 72.1
89 58.5 45.4 68.0

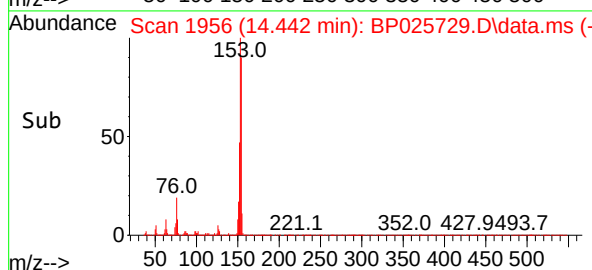
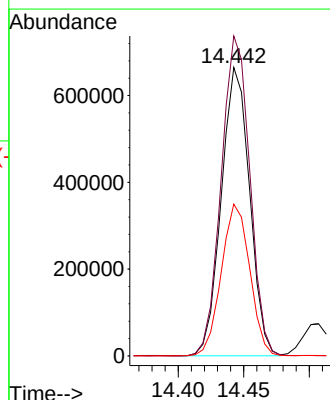
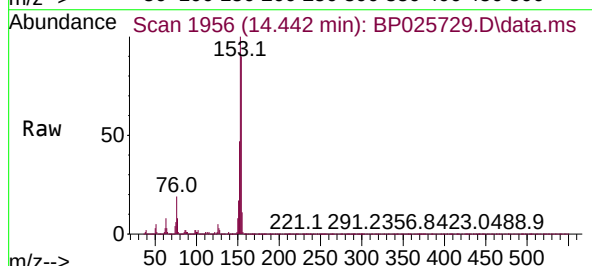
Manual Integrations
APPROVED

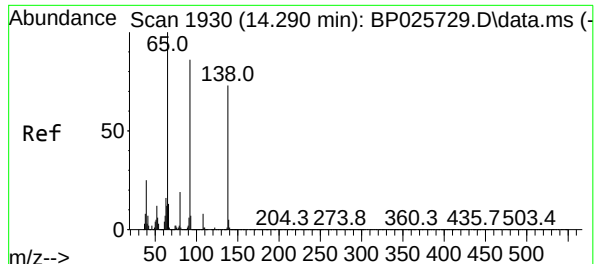
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#52
Acenaphthene
Concen: 43.262 ng
RT: 14.442 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

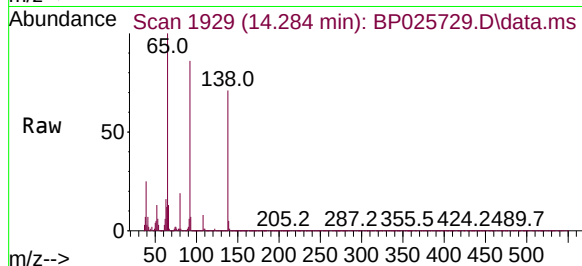
Tgt Ion:154 Resp: 998942
Ion Ratio Lower Upper
154 100
153 111.0 89.4 134.0
152 52.6 42.5 63.7





#53
3-Nitroaniline
Concen: 46.320 ng
RT: 14.284 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

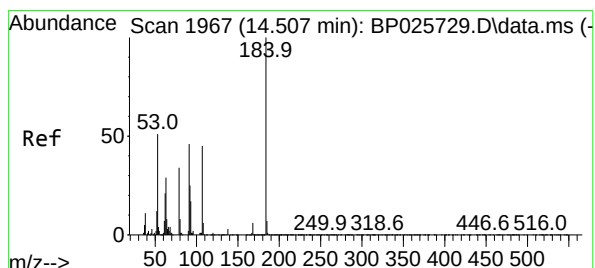
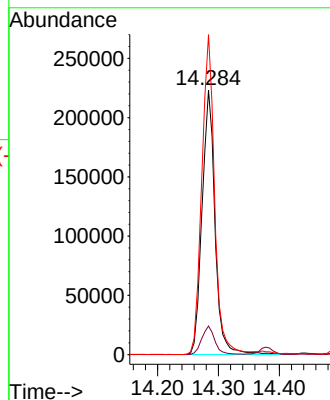
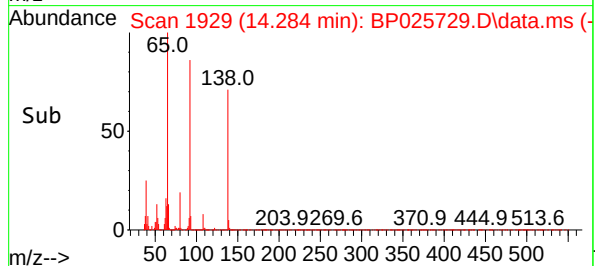
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:138 Resp: 329431
Ion Ratio Lower Upper
138 100
108 10.8 8.7 13.1
92 121.1 94.6 142.0

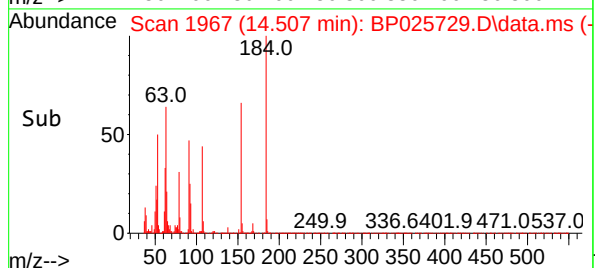
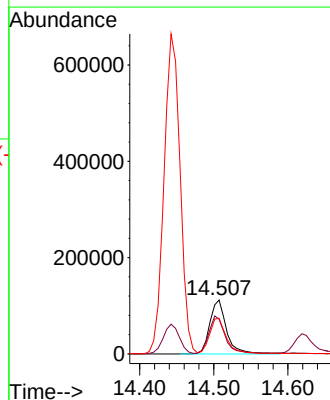
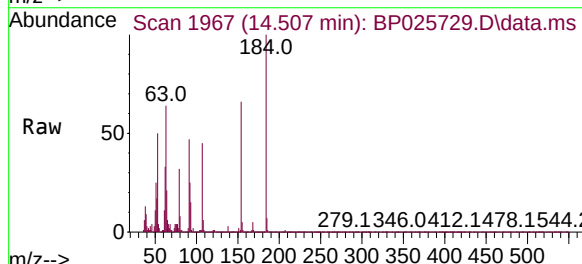
Manual Integrations
APPROVED

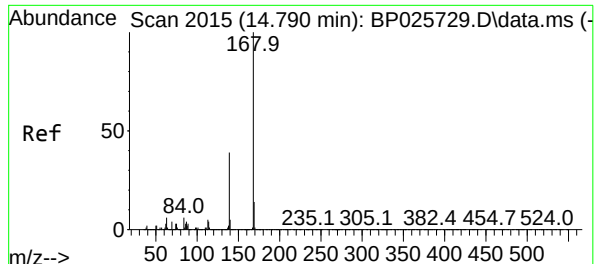
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#54
2,4-Dinitrophenol
Concen: 42.110 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

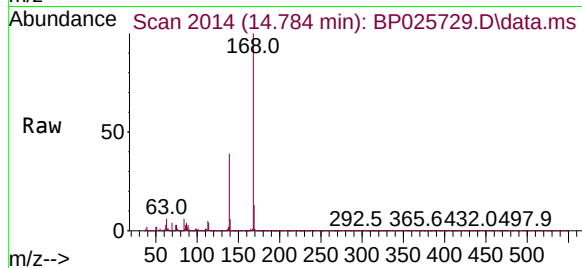
Tgt Ion:184 Resp: 174477
Ion Ratio Lower Upper
184 100
63 64.2 52.5 78.7
154 66.1 51.5 77.3





#55
Dibenzofuran
Concen: 42.712 ng
RT: 14.784 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

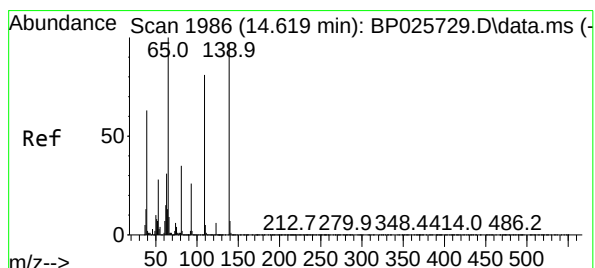
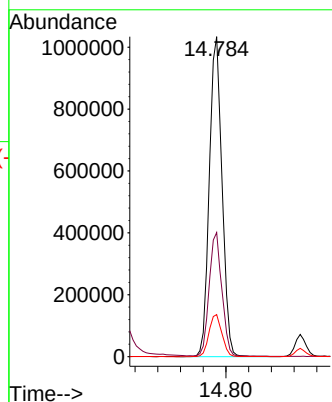
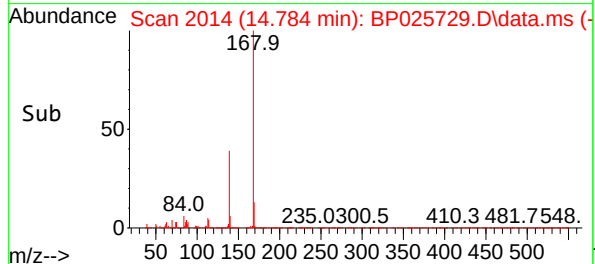
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 160741
Ion Ratio Lower Upper
168 100
139 38.8 31.7 47.5
169 13.1 10.8 16.2

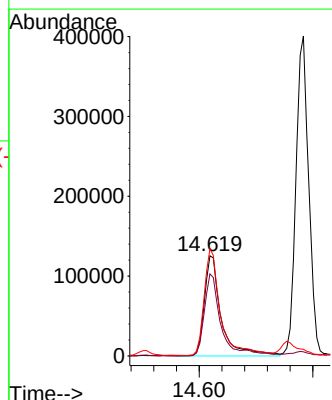
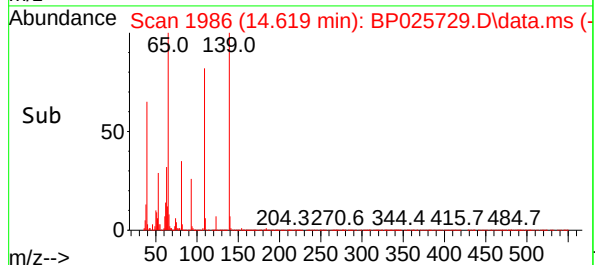
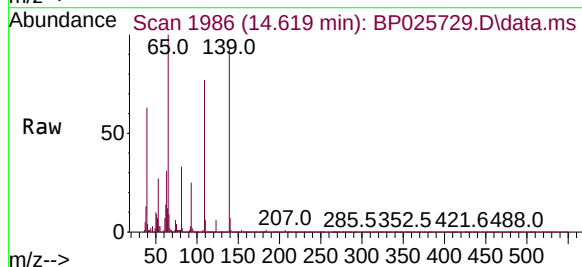
Manual Integrations
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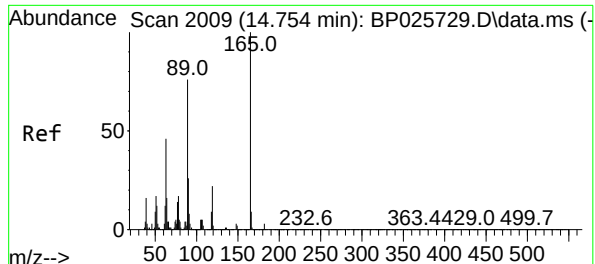
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#56
4-Nitrophenol
Concen: 44.044 ng
RT: 14.619 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:139 Resp: 256685
Ion Ratio Lower Upper
139 100
109 82.0 62.9 102.9
65 107.0 83.4 123.4





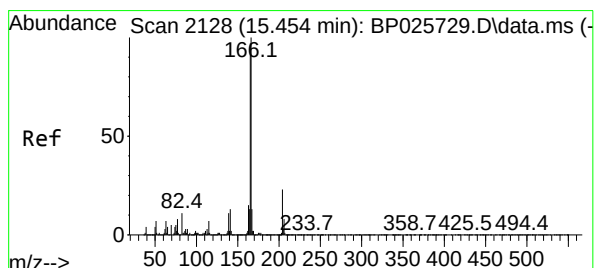
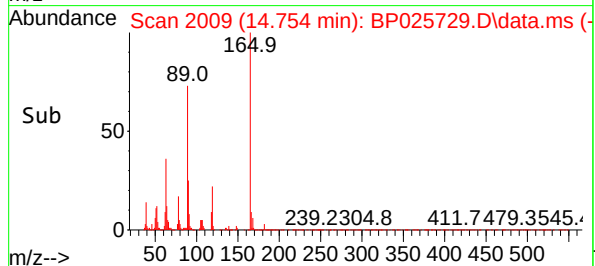
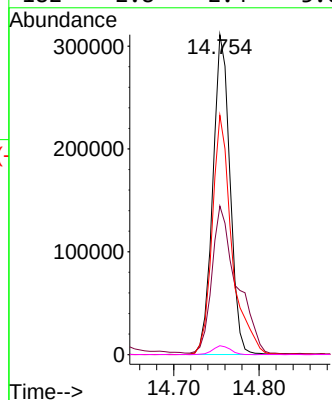
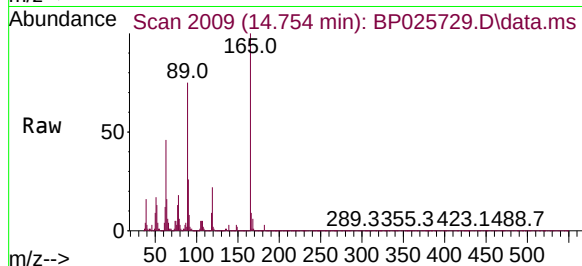
#57
2,4-Dinitrotoluene
Concen: 45.264 ng
RT: 14.754 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 435664
Ion Ratio Lower Upper
165 100
63 46.4 37.7 56.5
89 74.8 61.0 91.6
182 2.8 2.4 3.6

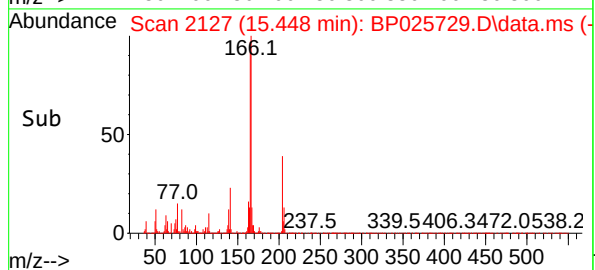
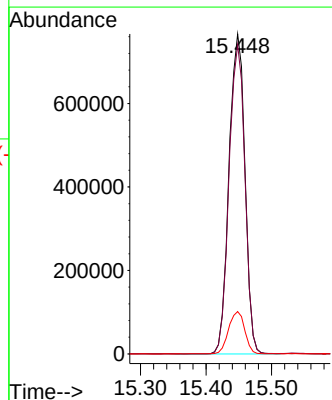
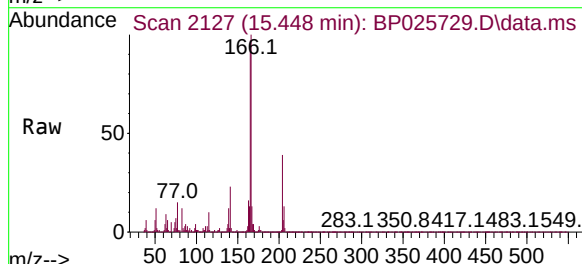
Manual Integrations
APPROVED

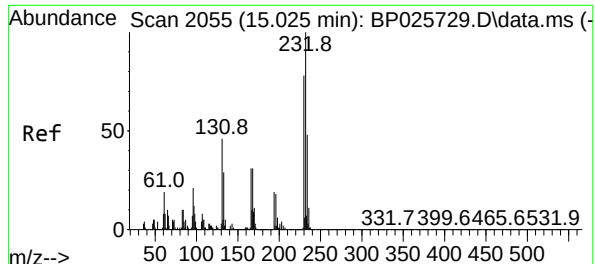
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#58
Fluorene
Concen: 43.194 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:166 Resp: 1292575
Ion Ratio Lower Upper
166 100
165 96.6 77.7 116.5
167 13.2 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.710 ng

RT: 15.019 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 373358

Ion Ratio Lower Upper

232 100

131 44.2 36.7 55.1

130 2.5 2.0 3.0

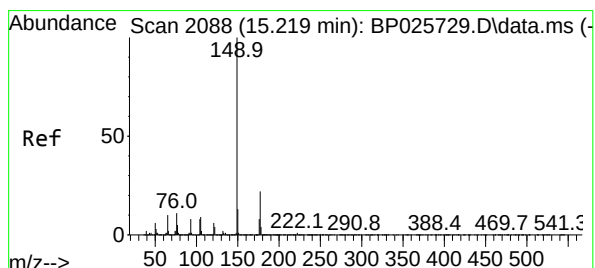
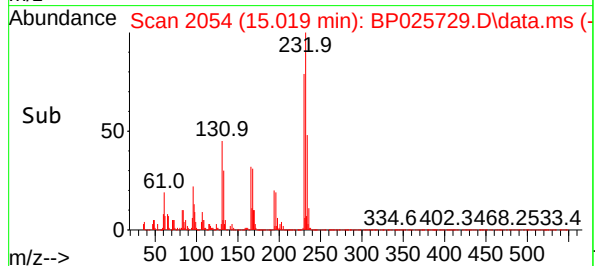
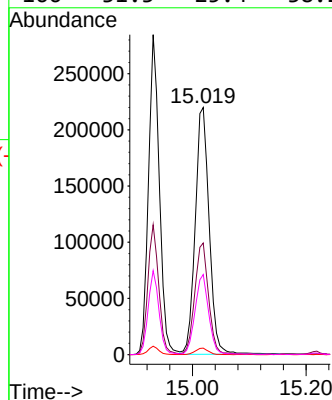
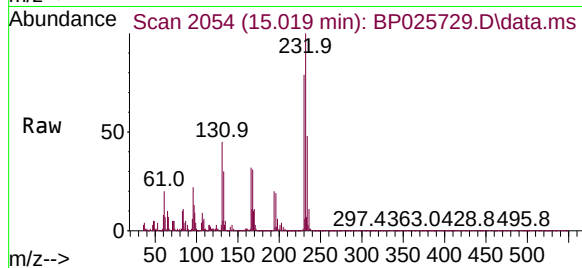
166 31.3 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#60

Diethylphthalate

Concen: 42.459 ng

RT: 15.219 min Scan# 2088

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

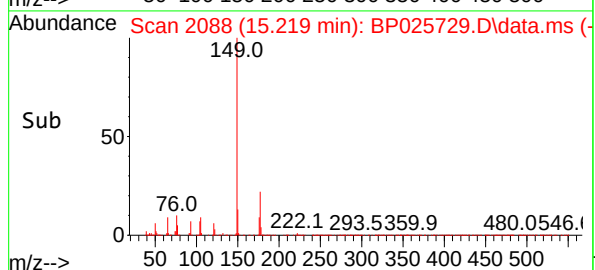
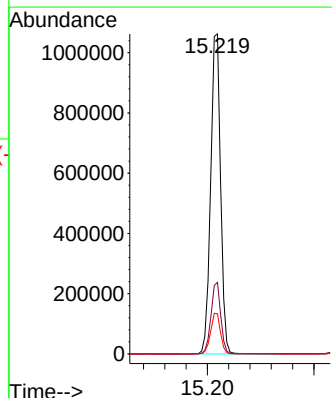
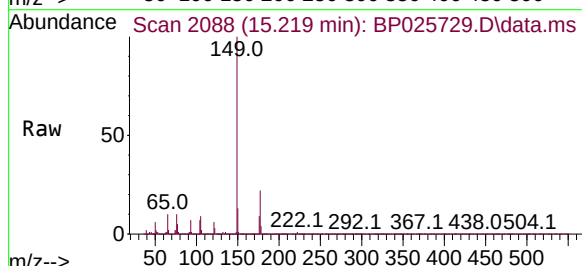
Tgt Ion:149 Resp: 1374845

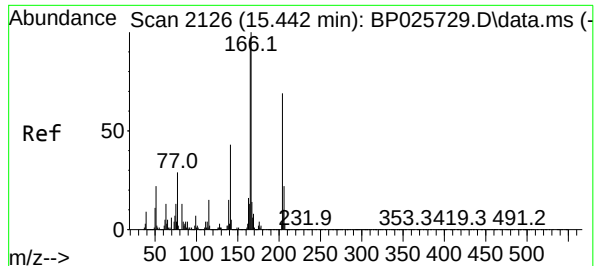
Ion Ratio Lower Upper

149 100

177 22.4 17.7 26.5

150 12.5 10.0 15.0





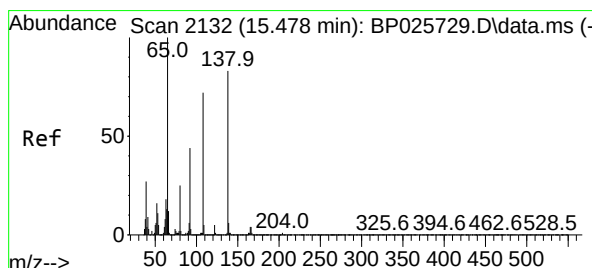
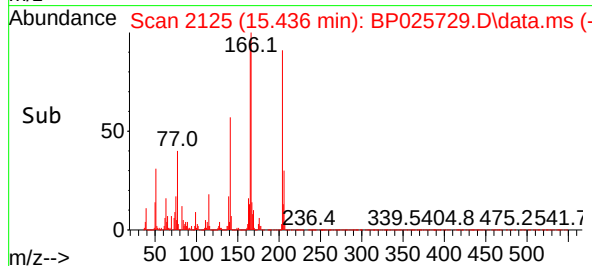
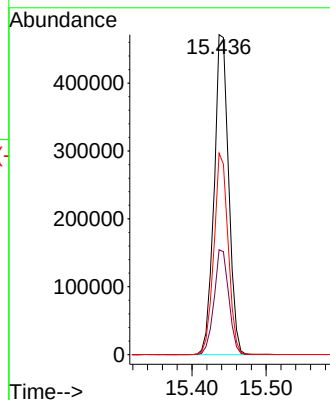
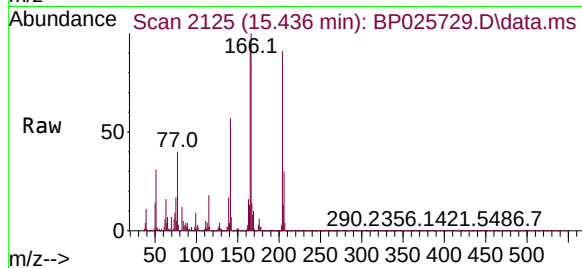
#61
4-Chlorophenyl-phenylether
Concen: 42.637 ng
RT: 15.436 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 643036
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 62.9 49.7 74.5

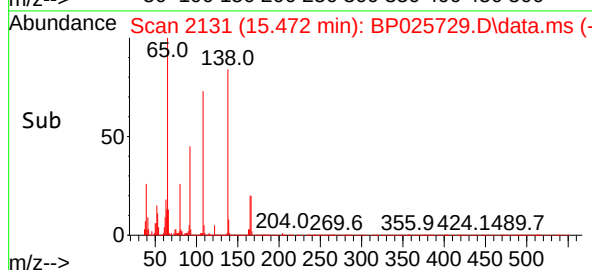
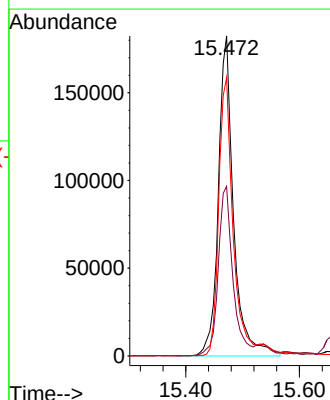
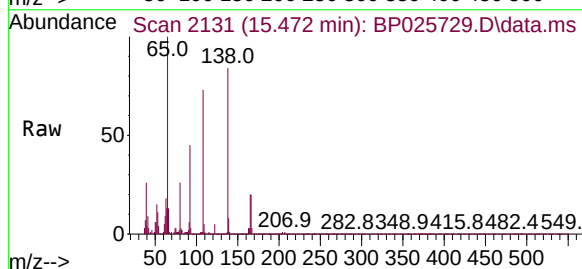
Manual Integrations
APPROVED

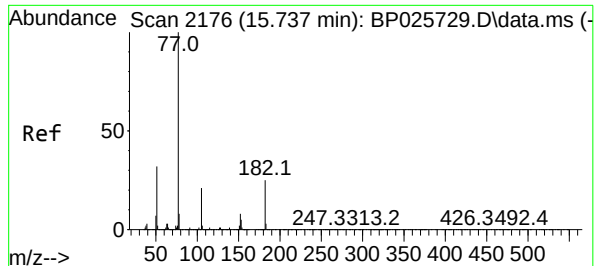
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#62
4-Nitroaniline
Concen: 46.442 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

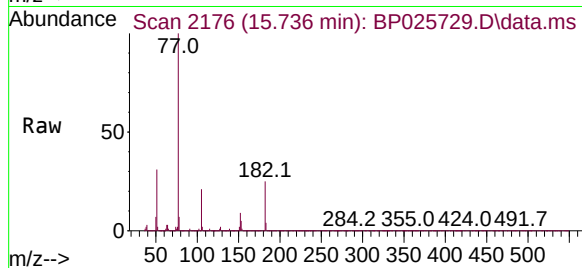
Tgt Ion:138 Resp: 338121
Ion Ratio Lower Upper
138 100
92 53.0 33.3 73.3
108 87.0 66.7 106.7





#63
Azobenzene
Concen: 43.872 ng
RT: 15.736 min Scan# 2176
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

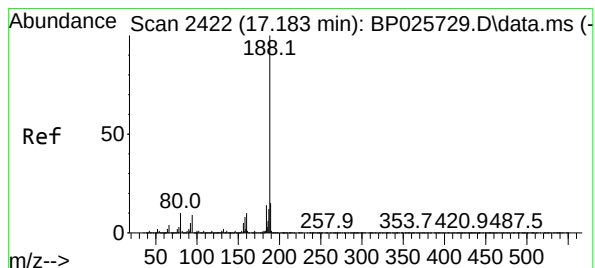
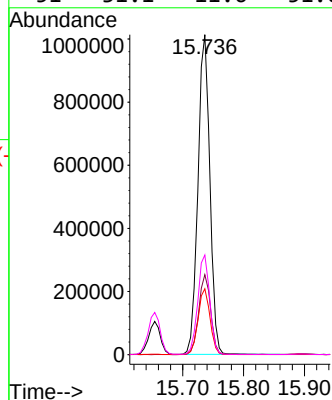
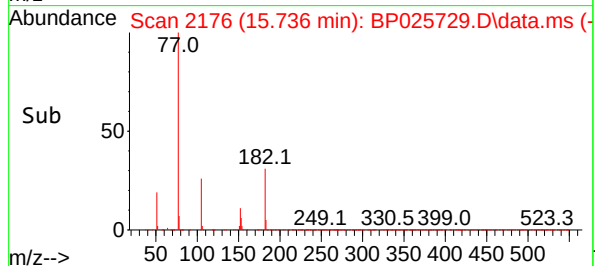
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 1373602
Ion Ratio Lower Upper
77 100
182 25.0 5.2 45.2
105 20.6 1.1 41.1
51 31.1 11.6 51.6

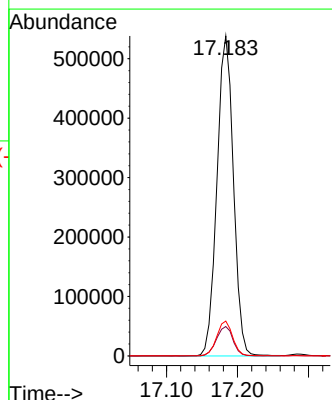
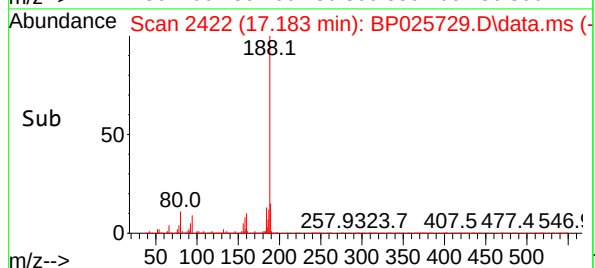
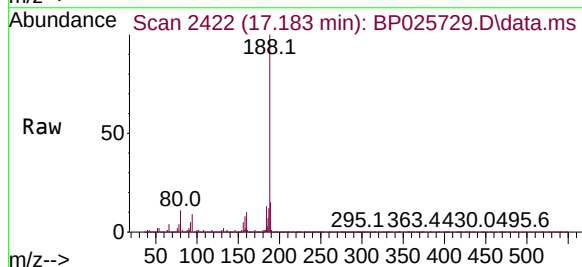
Manual Integrations
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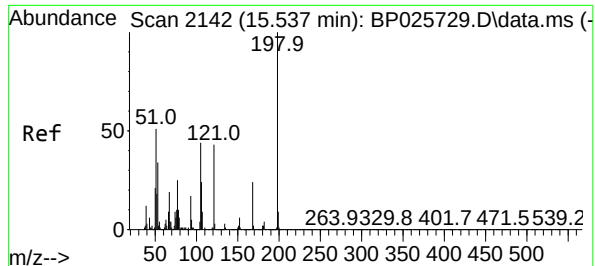
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

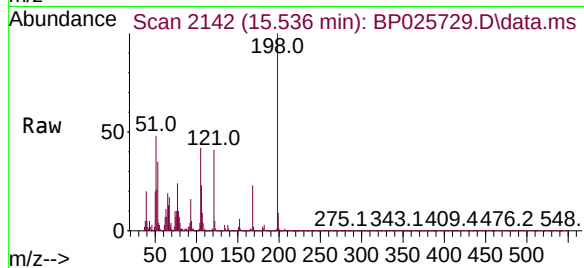
Tgt Ion:188 Resp: 868840
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 10.9 7.7 11.5





#65
4,6-Dinitro-2-methylphenol
Concen: 45.293 ng
RT: 15.536 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

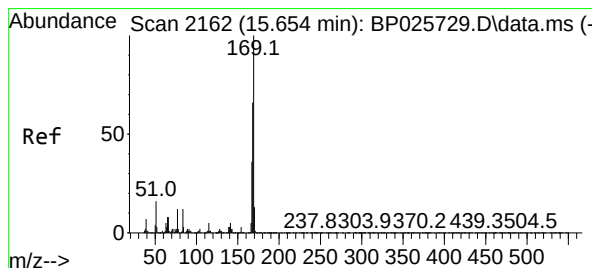
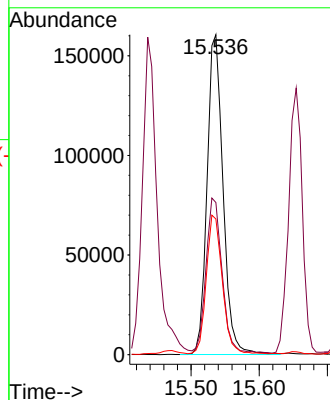
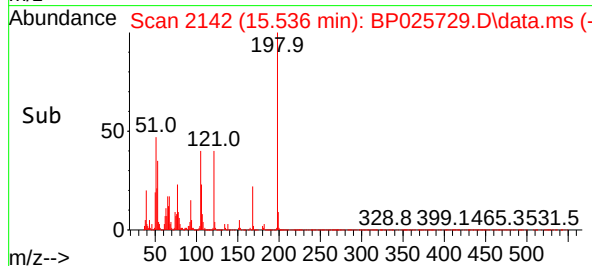
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:198 Resp: 261709
Ion Ratio Lower Upper
198 100
51 47.5 33.4 73.4
105 42.4 24.3 64.3

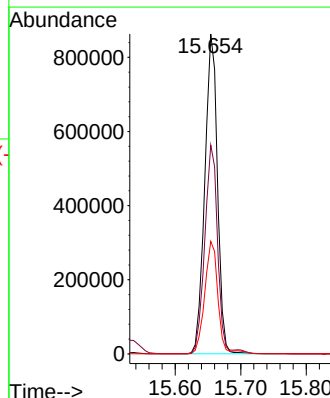
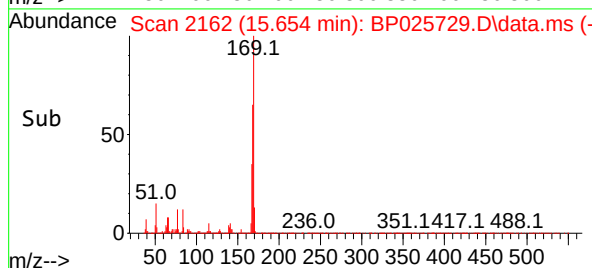
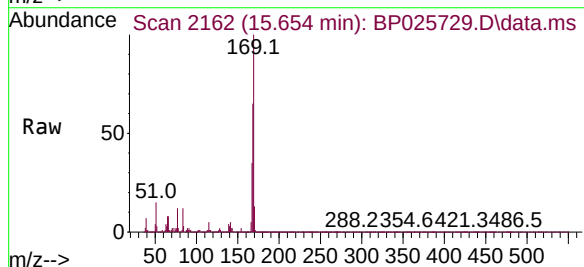
Manual Integrations
APPROVED

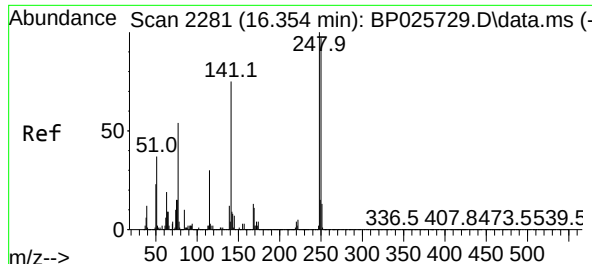
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#66
n-Nitrosodiphenylamine
Concen: 43.383 ng
RT: 15.654 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

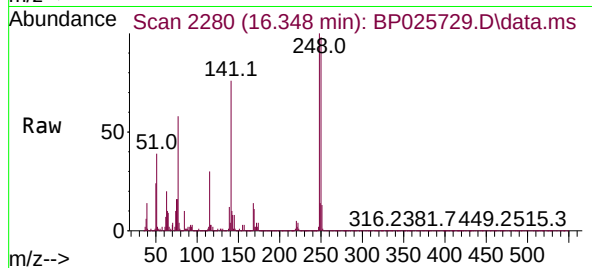
Tgt Ion:169 Resp: 1153503
Ion Ratio Lower Upper
169 100
168 65.3 52.6 78.8
167 35.2 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 43.298 ng
RT: 16.348 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

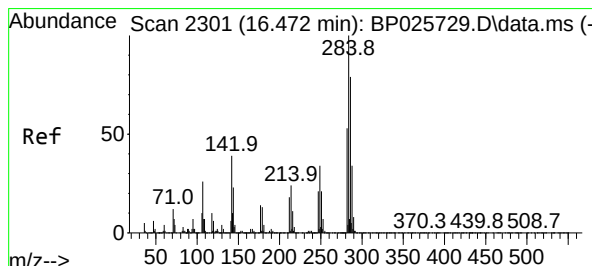
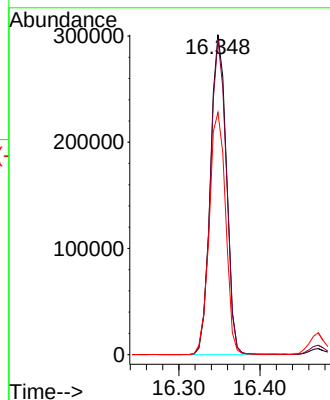
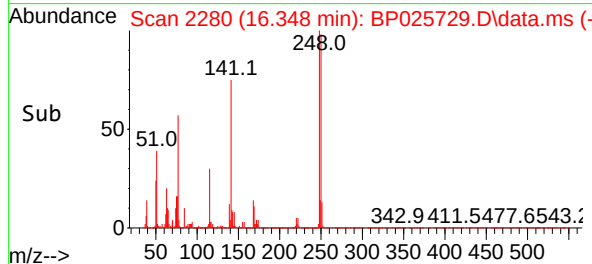
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:248 Resp: 413274
Ion Ratio Lower Upper
248 100
250 98.4 77.5 116.3
141 75.7 60.2 90.4

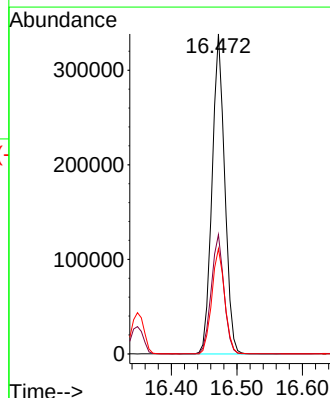
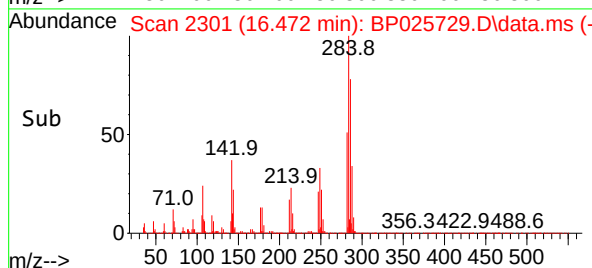
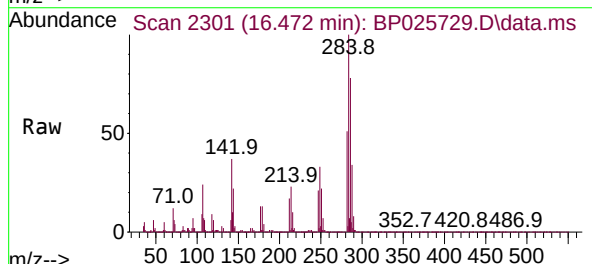
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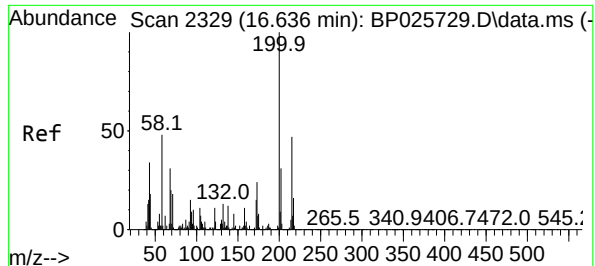
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#68
Hexachlorobenzene
Concen: 42.564 ng
RT: 16.472 min Scan# 2301
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

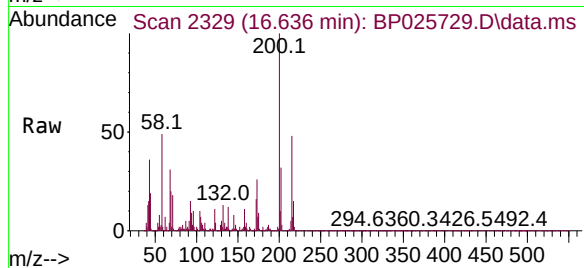
Tgt Ion:284 Resp: 453064
Ion Ratio Lower Upper
284 100
142 37.3 31.3 46.9
249 32.9 27.3 40.9





#69
Atrazine
Concen: 44.392 ng
RT: 16.636 min Scan# 2329
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

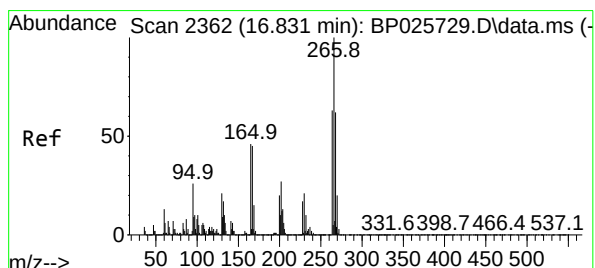
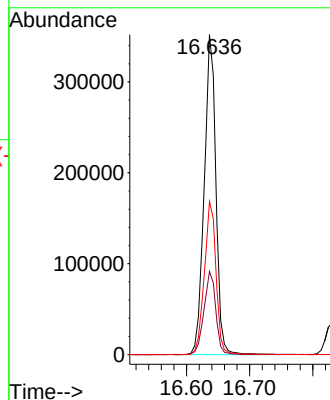
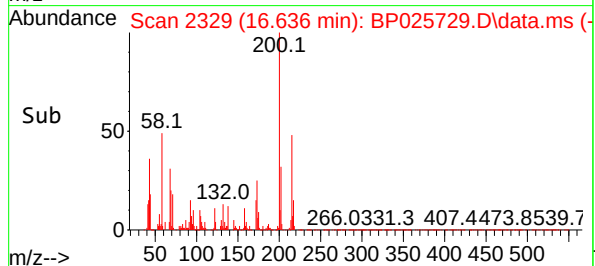
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:200 Resp: 451179
Ion Ratio Lower Upper
200 100
173 26.0 4.2 44.2
215 47.8 27.3 67.3

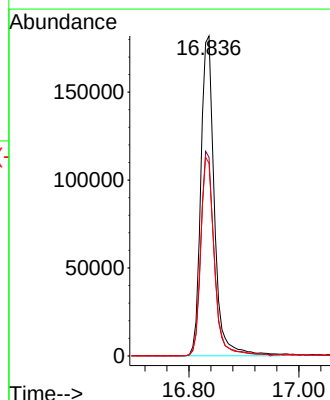
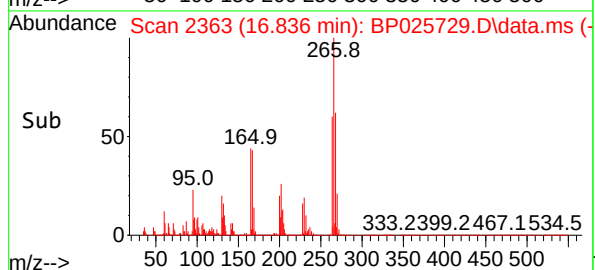
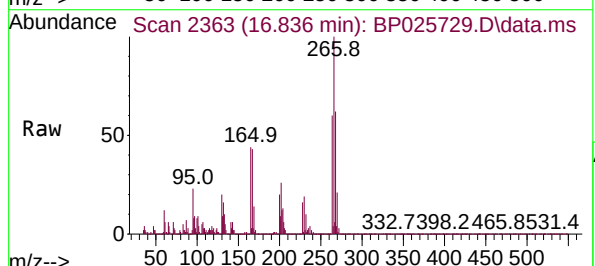
Manual Integrations
APPROVED

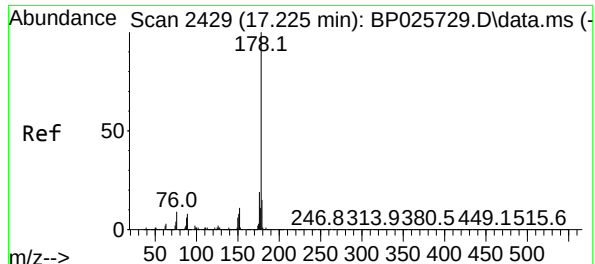
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#70
Pentachlorophenol
Concen: 44.297 ng
RT: 16.836 min Scan# 2363
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

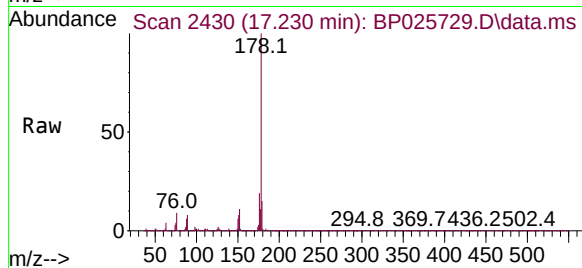
Tgt Ion:266 Resp: 311192
Ion Ratio Lower Upper
266 100
268 62.1 49.8 74.8
264 60.2 50.2 75.2





#71
Phenanthrene
Concen: 42.751 ng
RT: 17.230 min Scan# 2429
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

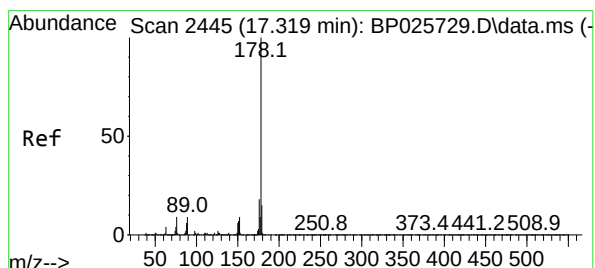
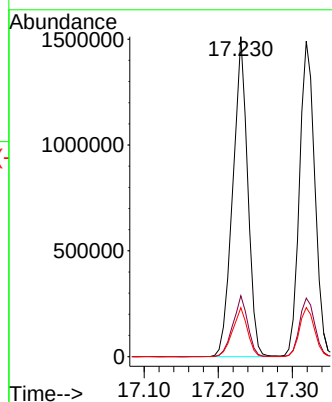
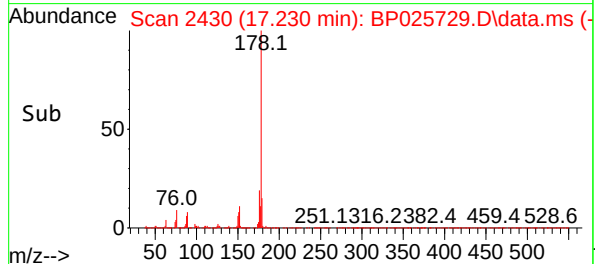
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 2106998
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.3 12.2 18.4

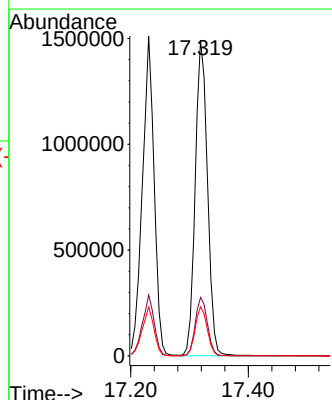
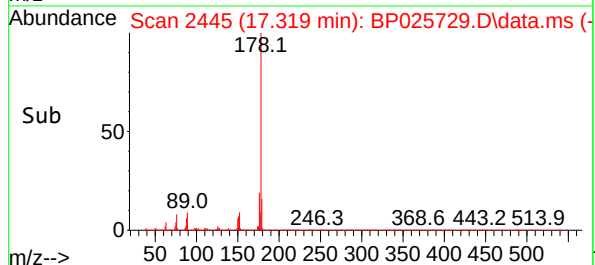
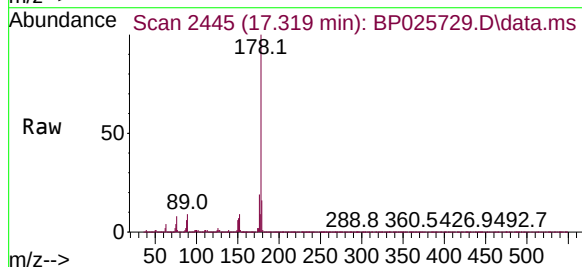
Manual Integrations
APPROVED

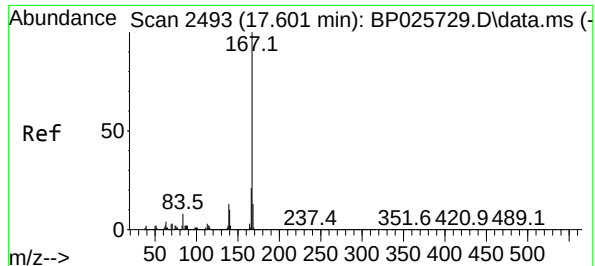
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#72
Anthracene
Concen: 42.974 ng
RT: 17.319 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

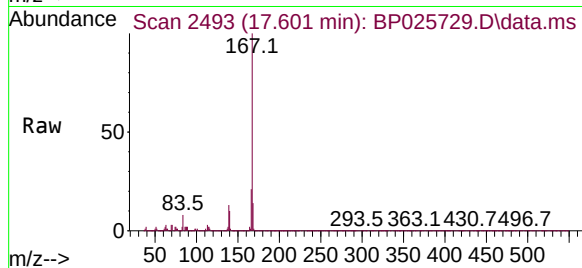
Tgt Ion:178 Resp: 2149009
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.6 12.2 18.4





#73
Carbazole
Concen: 43.830 ng
RT: 17.601 min Scan# 2493
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

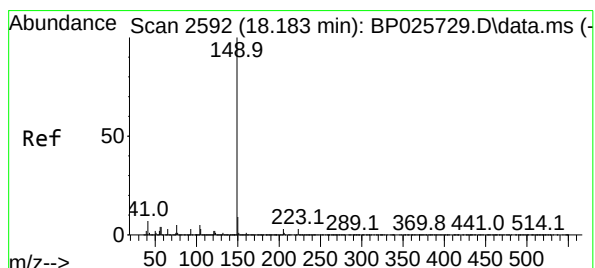
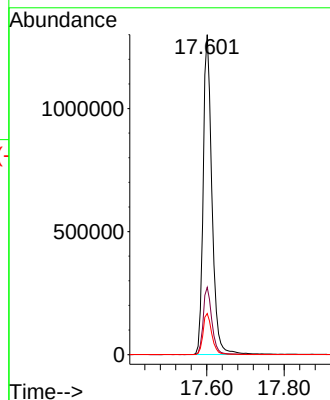
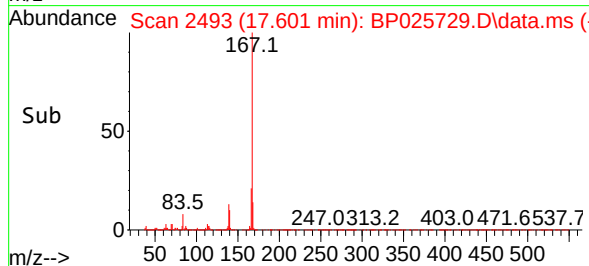
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:167 Resp: 2037704
Ion Ratio Lower Upper
167 100
166 21.0 17.0 25.4
139 12.8 10.6 16.0

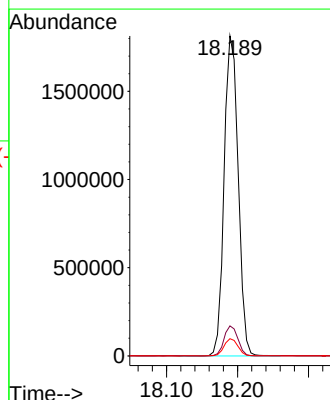
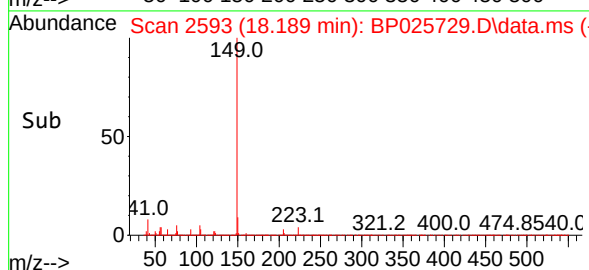
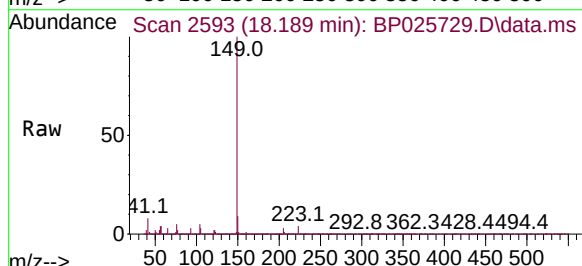
Manual Integrations
APPROVED

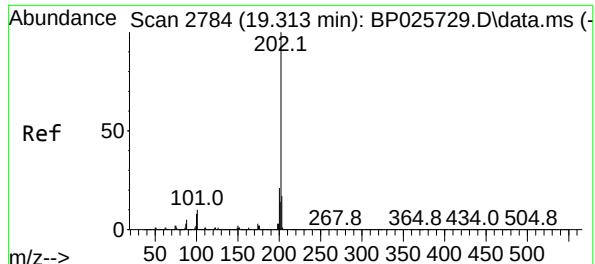
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#74
Di-n-butylphthalate
Concen: 43.793 ng
RT: 18.189 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

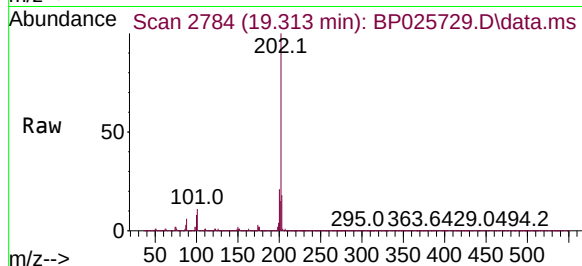
Tgt Ion:149 Resp: 2498531
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 42.535 ng
RT: 19.313 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

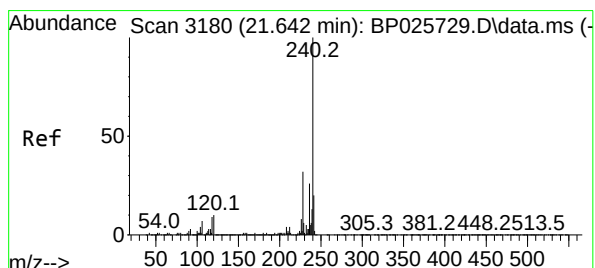
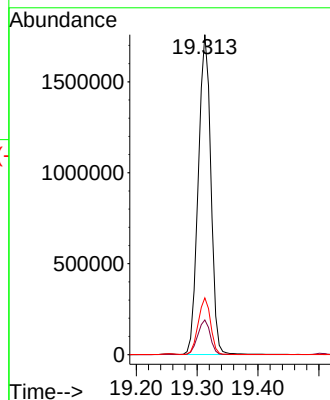
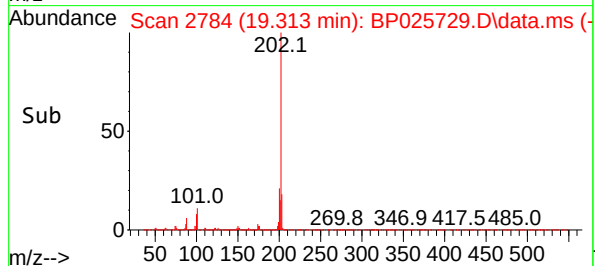
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 2514212
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.4
203 17.7 0.0 37.4

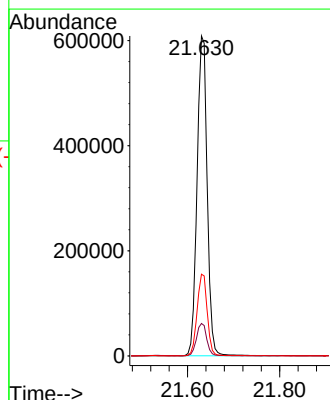
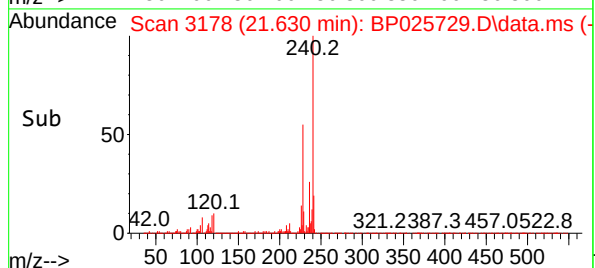
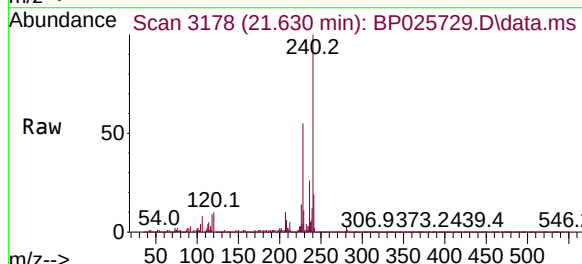
Manual Integrations
APPROVED

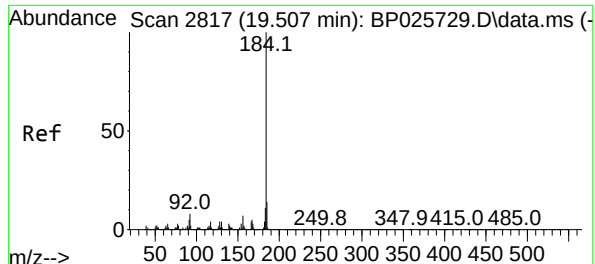
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.012 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

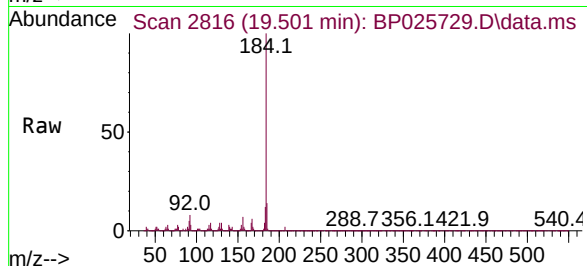
Tgt Ion:240 Resp: 926553
Ion Ratio Lower Upper
240 100
120 10.1 8.0 12.0
236 25.6 20.7 31.1





#77
Benzidine
Concen: 45.307 ng
RT: 19.501 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

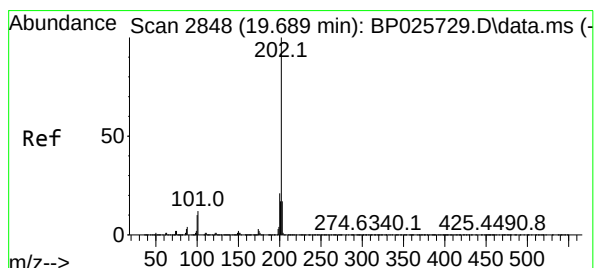
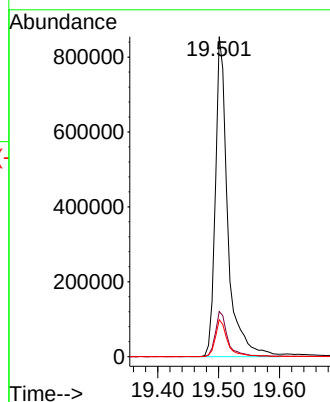
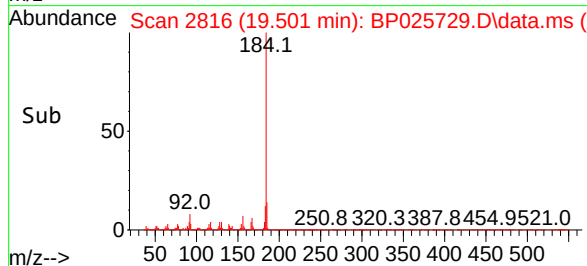
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 1209219
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.5 9.2 13.8

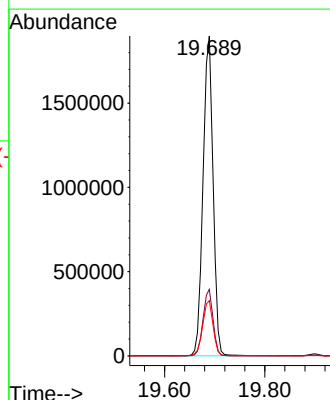
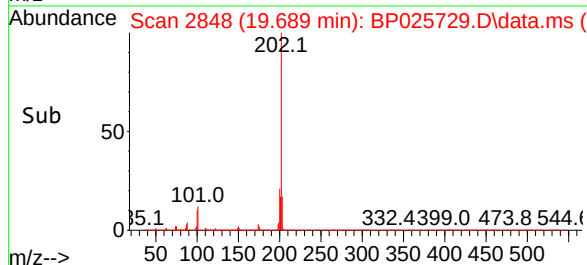
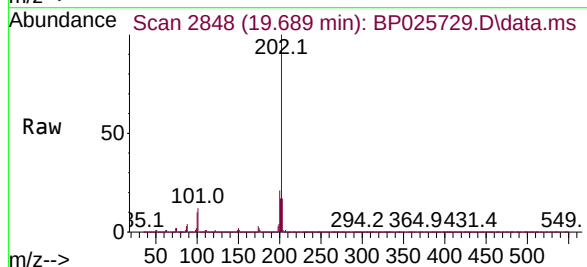
Manual Integrations
APPROVED

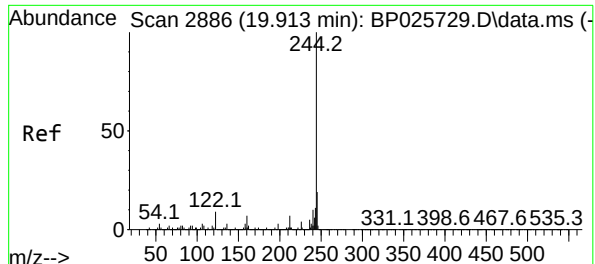
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#78
Pyrene
Concen: 42.875 ng
RT: 19.689 min Scan# 2848
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

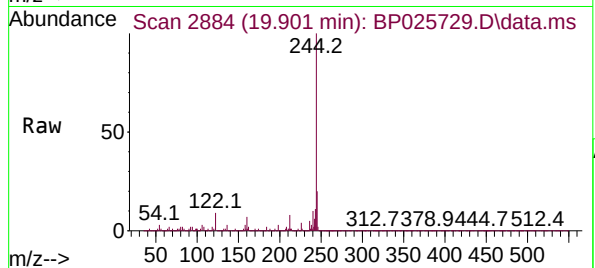
Tgt Ion:202 Resp: 2650721
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.6
203 17.3 13.9 20.9





#79
Terphenyl-d14
Concen: 84.704 ng
RT: 19.901 min Scan# 2884
Delta R.T. -0.012 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

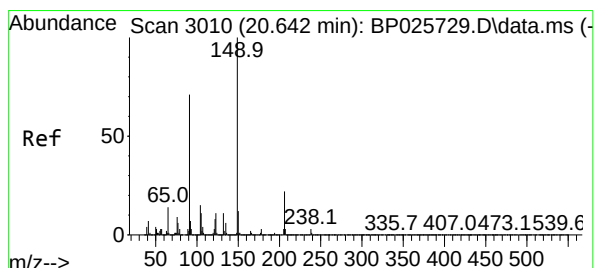
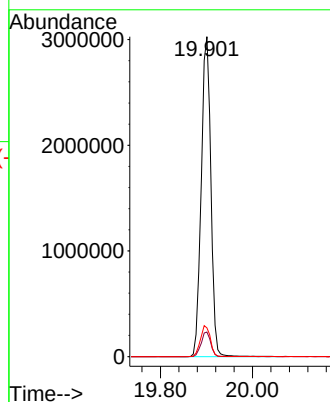
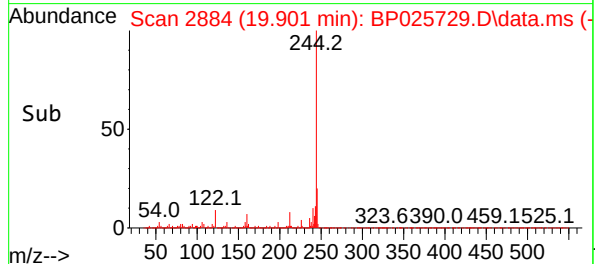
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:244 Resp: 4362586
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 9.0 7.1 10.7

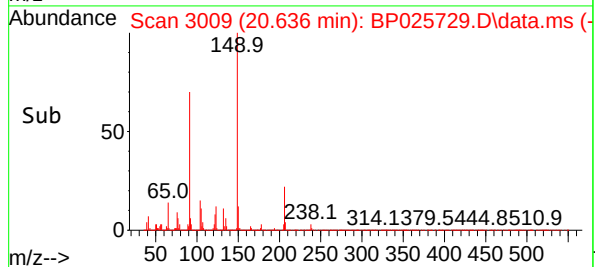
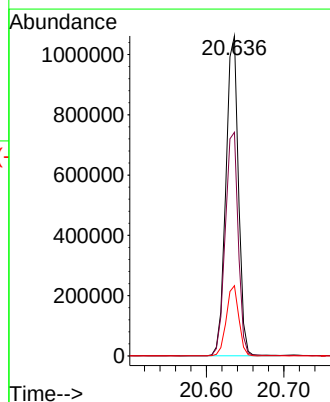
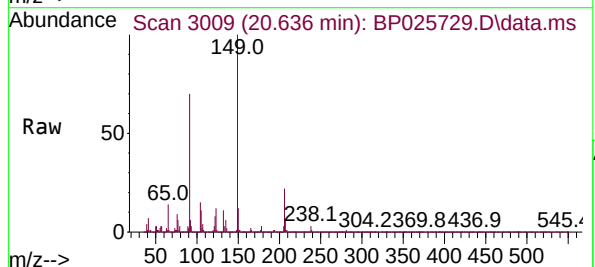
Manual Integrations
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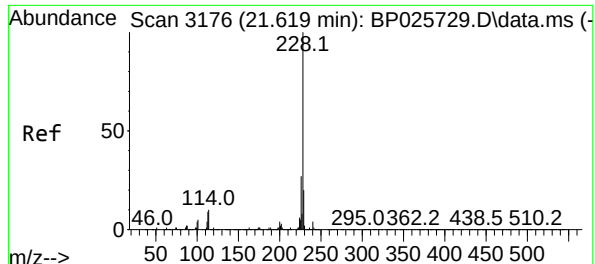
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#80
Butylbenzylphthalate
Concen: 44.213 ng
RT: 20.636 min Scan# 3009
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

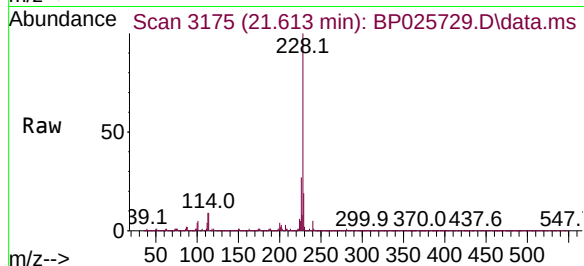
Tgt Ion:149 Resp: 1198520
Ion Ratio Lower Upper
149 100
91 69.9 56.6 85.0
206 21.9 17.4 26.0





#81
Benzo(a)anthracene
Concen: 42.456 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

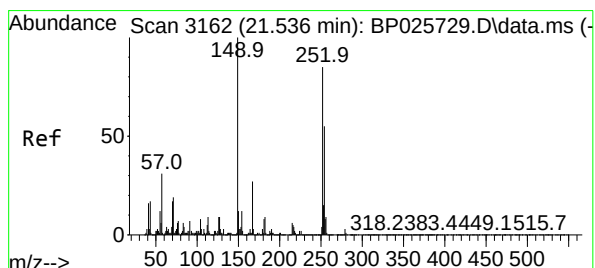
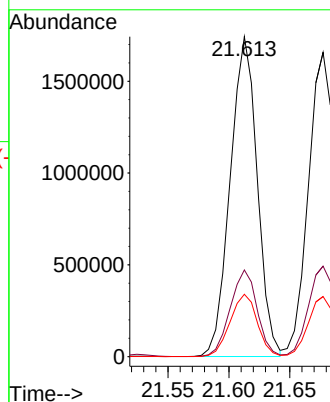
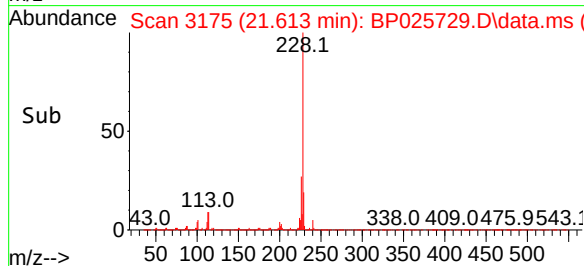
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 2693098
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 19.5 15.7 23.5

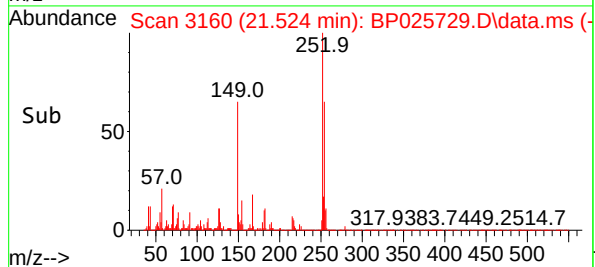
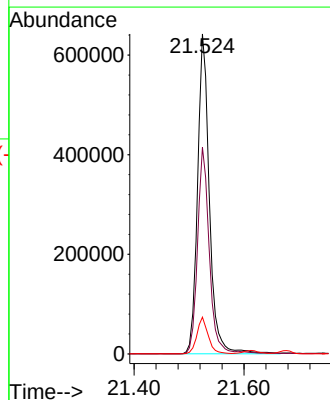
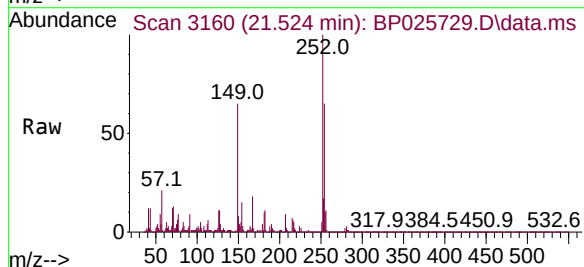
Manual Integrations
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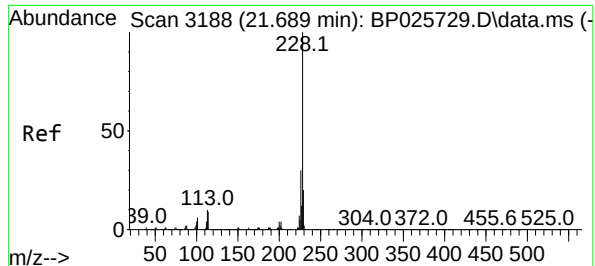
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#82
3,3'-Dichlorobenzidine
Concen: 43.803 ng
RT: 21.524 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

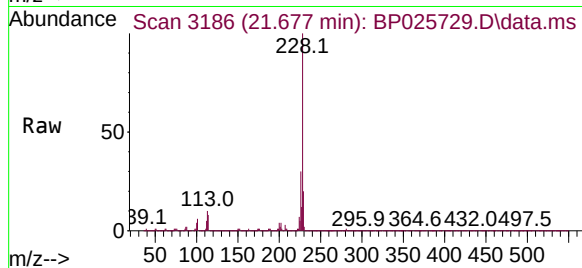
Tgt Ion:252 Resp: 960752
Ion Ratio Lower Upper
252 100
254 64.6 51.4 77.0
126 11.5 8.3 12.5





#83
Chrysene
Concen: 42.152 ng
RT: 21.677 min Scan# 3186
Delta R.T. -0.012 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

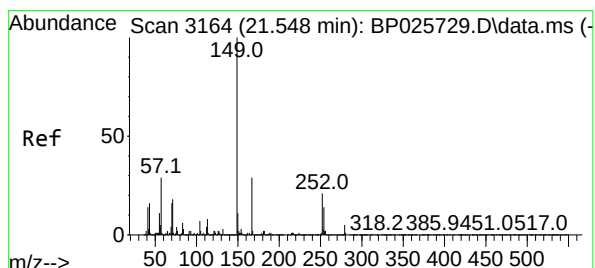
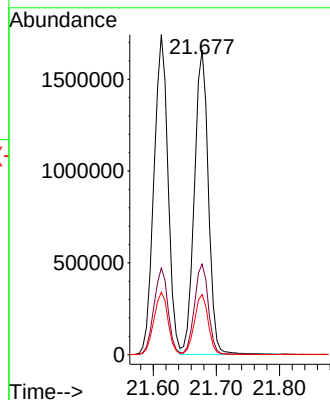
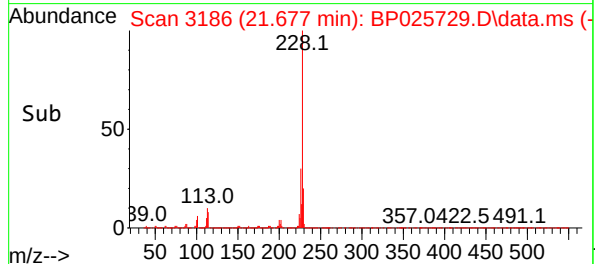
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 2548856
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.6
229 19.7 15.6 23.4

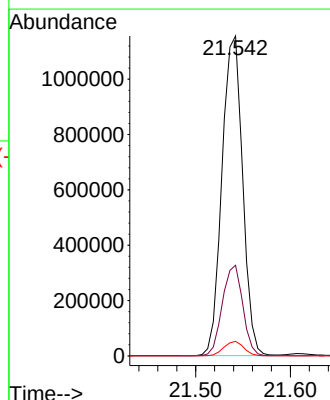
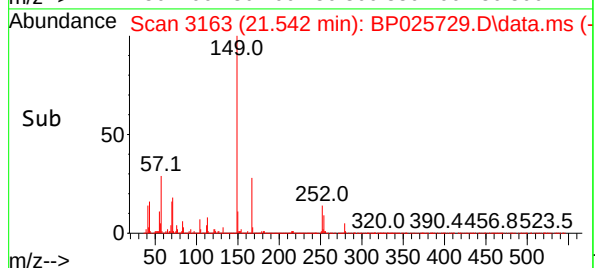
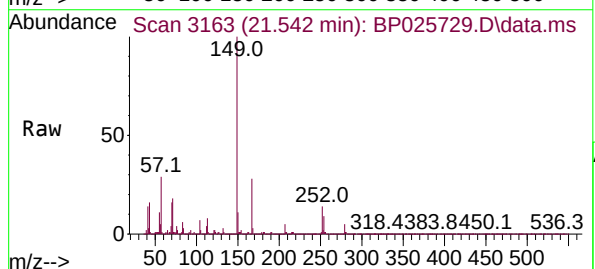
Manual Integrations
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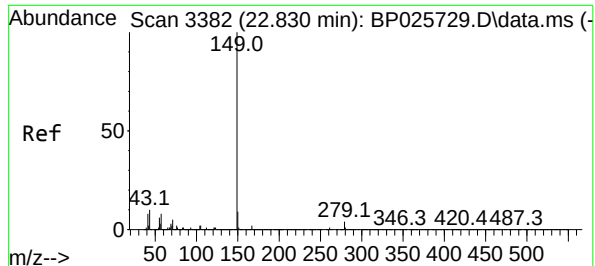
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.144 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

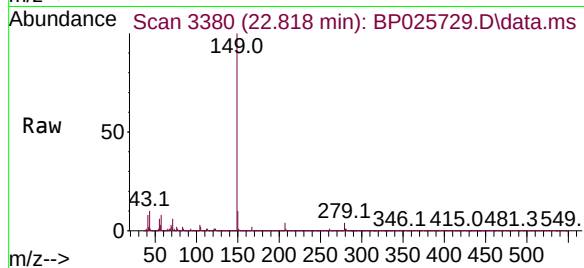
Tgt Ion:149 Resp: 1750717
Ion Ratio Lower Upper
149 100
167 28.3 22.9 34.3
279 4.5 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 43.867 ng
RT: 22.818 min Scan# 3382
Delta R.T. -0.012 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

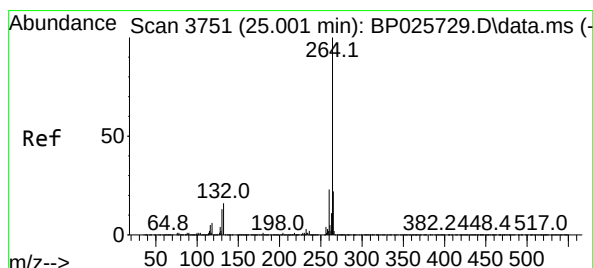
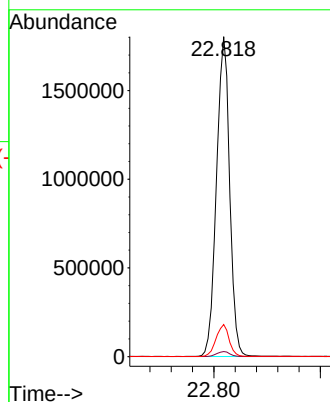
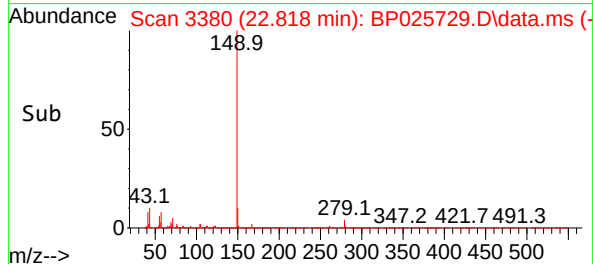
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 3094664
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 8.0 12.0

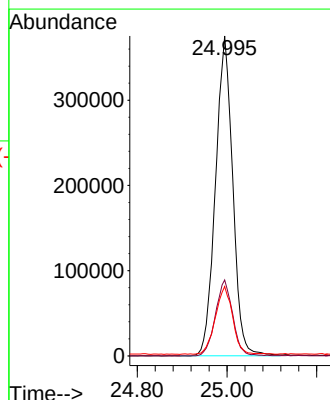
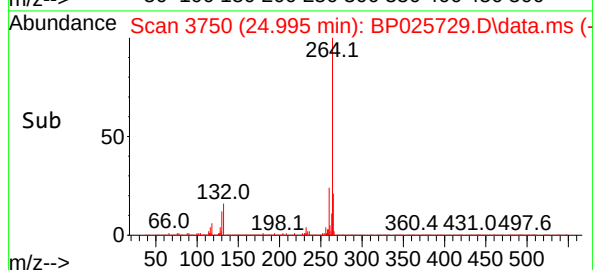
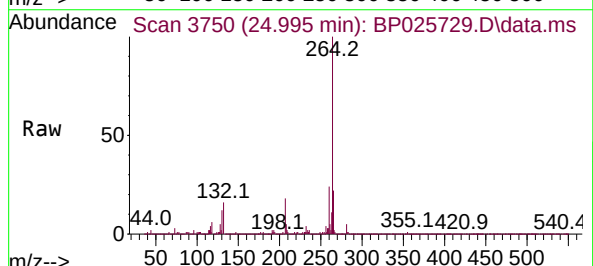
Manual Integrations
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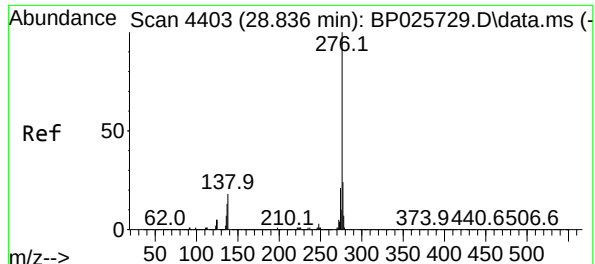
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3750
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

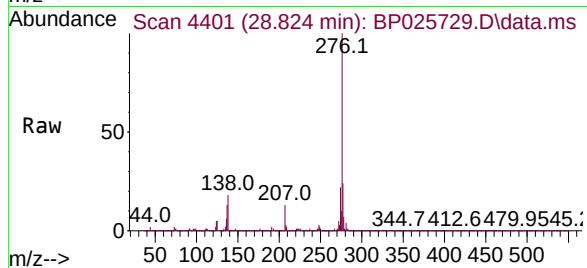
Tgt Ion:264 Resp: 1000954
Ion Ratio Lower Upper
264 100
260 23.7 18.3 27.5
265 21.7 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.902 ng
RT: 28.824 min Scan# 4403
Delta R.T. -0.012 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

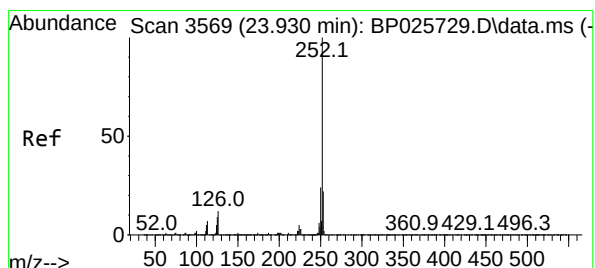
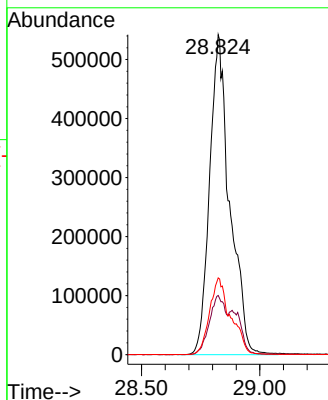
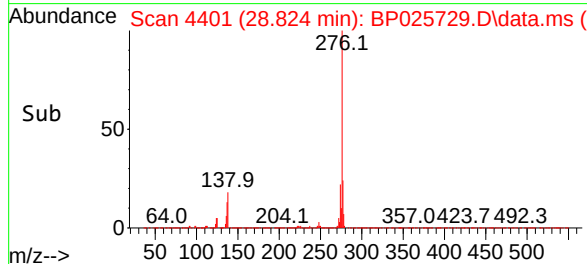
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 276 Resp: 3195673
Ion Ratio Lower Upper
276 100
138 14.9 13.4 20.2
277 25.2 9.1 13.7

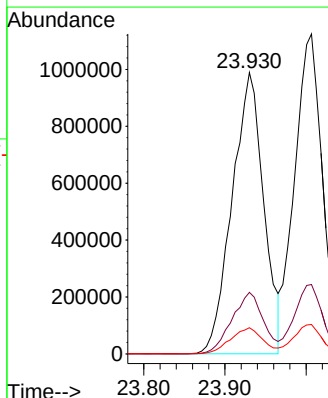
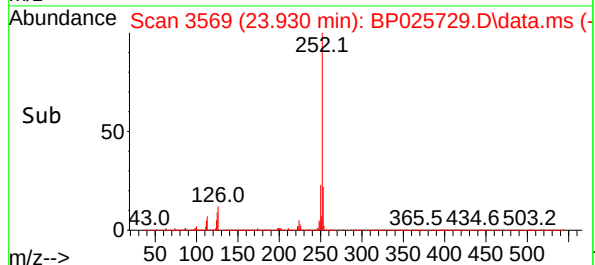
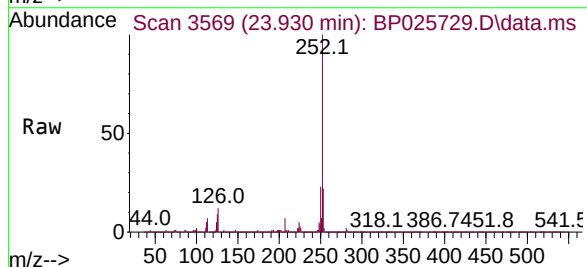
Manual Integrations
APPROVED

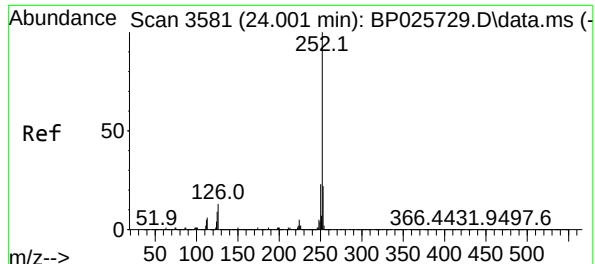
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#88
Benzo(b)fluoranthene
Concen: 43.687 ng
RT: 23.930 min Scan# 3569
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 252 Resp: 2674118
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 9.3 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 42.989 ng

RT: 24.007 min Scan# 3581

Delta R.T. 0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 2685118

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

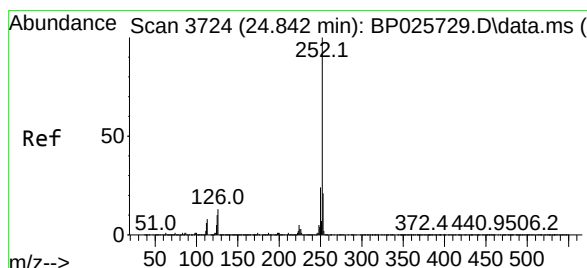
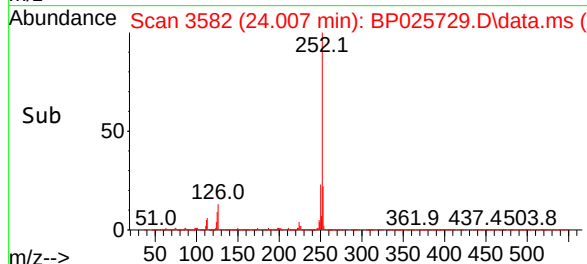
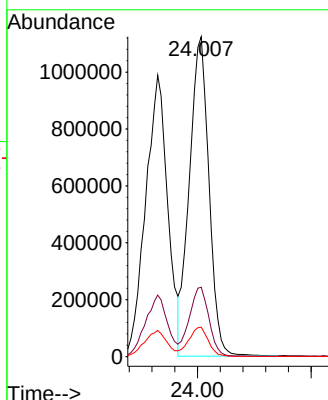
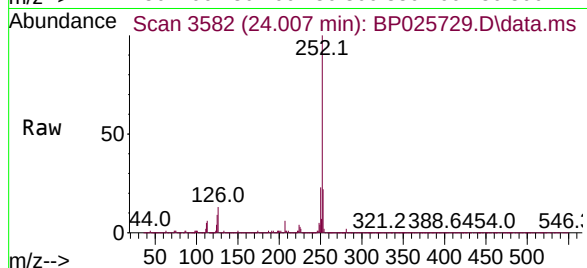
125 9.2 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#90

Benzo(a)pyrene

Concen: 43.660 ng

RT: 24.836 min Scan# 3723

Delta R.T. -0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

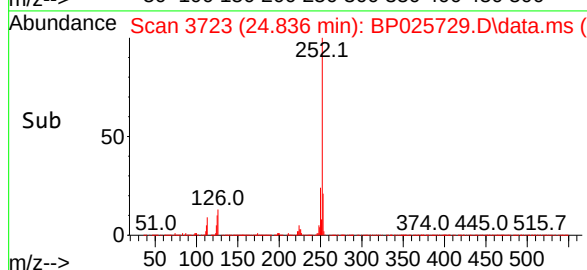
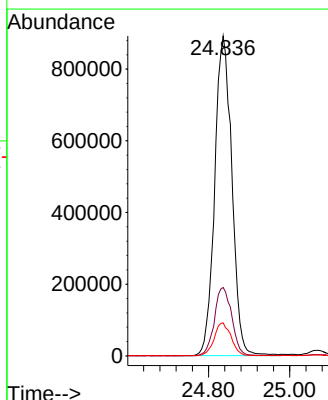
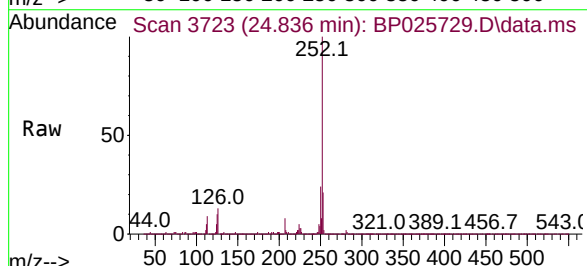
Tgt Ion:252 Resp: 2617139

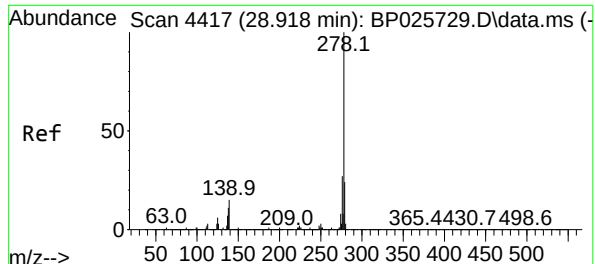
Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 10.3 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 43.586 ng

RT: 28.906 min Scan# 4417

Delta R.T. -0.012 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:278 Resp: 2596318

Ion Ratio Lower Upper

278 100

139 15.7 12.1 18.1

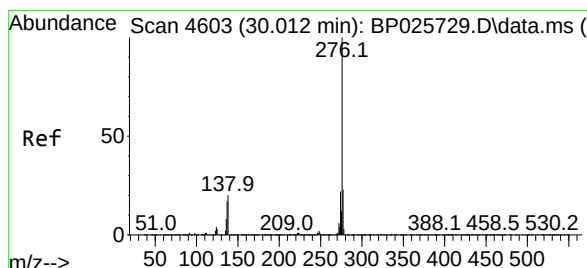
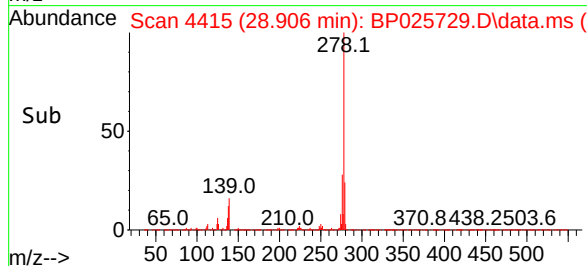
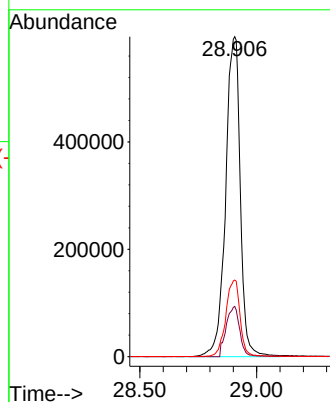
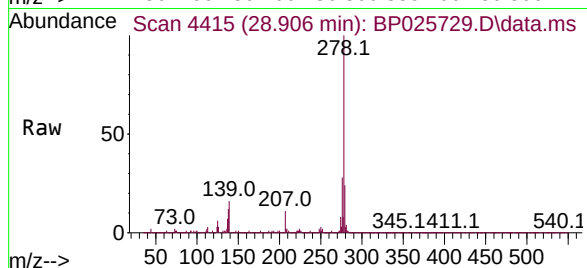
279 23.9 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#92

Benzo(g,h,i)perylene

Concen: 43.305 ng

RT: 30.006 min Scan# 4602

Delta R.T. -0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

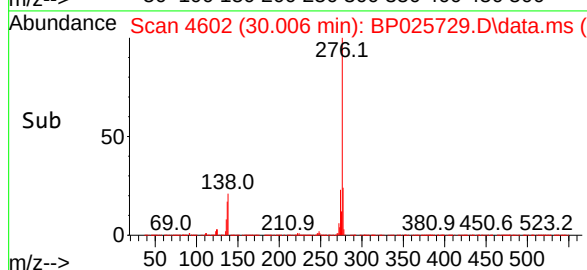
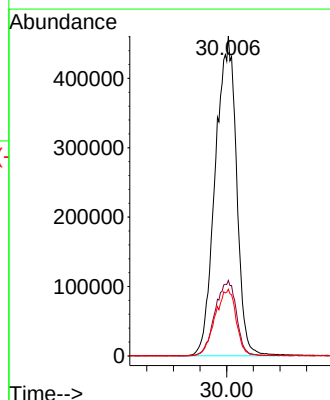
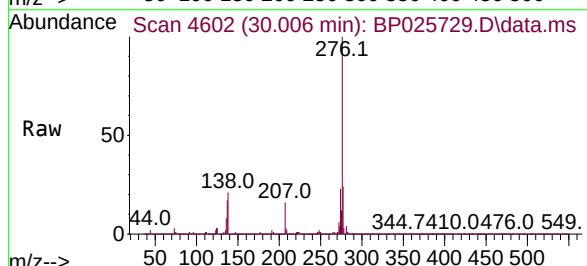
Tgt Ion:276 Resp: 2536855

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 20.8 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025731.D
 Acq On : 11 Sep 2025 13:43
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Quant Time: Sep 11 16:25:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	144908	20.000	ng	0.00
21) Naphthalene-d8	10.531	136	594465	20.000	ng	0.00
39) Acenaphthene-d10	14.389	164	399973	20.000	ng	0.01
64) Phenanthrene-d10	17.189	188	829072	20.000	ng	0.00
76) Chrysene-d12	21.636	240	850069	20.000	ng	0.00
86) Perylene-d12	24.995	264	937177	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1076648	119.885	ng	0.00
7) Phenol-d6	6.949	99	1441118	120.727	ng	0.00
23) Nitrobenzene-d5	8.907	82	1624115	120.514	ng	0.00
42) 2,4,6-Tribromophenol	15.901	330	596882	119.643	ng	0.00
45) 2-Fluorobiphenyl	12.995	172	3440852	114.546	ng	0.00
79) Terphenyl-d14	19.913	244	5375608	113.763	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.308	88	214449	56.894	ng	99
3) Pyridine	3.708	79	608506	58.630	ng	98
4) n-Nitrosodimethylamine	3.614	42	283590	57.906	ng	98
6) Aniline	7.090	93	984589	60.086	ng	99
8) 2-Chlorophenol	7.331	128	593699	60.261	ng	99
9) Benzaldehyde	6.913	77	468269	65.521	ng	98
10) Phenol	6.972	94	761185	60.475	ng	99
11) bis(2-Chloroethyl)ether	7.190	93	594817	58.820	ng	97
12) 1,3-Dichlorobenzene	7.649	146	647387	57.736	ng	98
13) 1,4-Dichlorobenzene	7.790	146	669205	58.590	ng	98
14) 1,2-Dichlorobenzene	8.107	146	645593	58.182	ng	99
15) Benzyl Alcohol	7.996	79	587082	59.518	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.278	45	940663	56.880	ng	100
17) 2-Methylphenol	8.207	107	515294	60.722	ng	99
18) Hexachloroethane	8.825	117	255454	58.553	ng	96
19) n-Nitroso-di-n-propyla...	8.560	70	500512	60.833	ng	99
20) 3+4-Methylphenols	8.531	107	706319	59.431	ng	99
22) Acetophenone	8.578	105	959504	60.398	ng	# 99
24) Nitrobenzene	8.949	77	732954	60.626	ng	98
25) Isophorone	9.472	82	1411439	59.586	ng	100
26) 2-Nitrophenol	9.654	139	341952	63.706	ng	96
27) 2,4-Dimethylphenol	9.713	122	571131	60.651	ng	99
28) bis(2-Chloroethoxy)met...	9.948	93	805869	58.855	ng	100
29) 2,4-Dichlorophenol	10.190	162	583539	62.152	ng	98
30) 1,2,4-Trichlorobenzene	10.396	180	617864	58.392	ng	99
31) Naphthalene	10.578	128	1861226	58.065	ng	99
32) Benzoic acid	9.901	122	457710	65.376	ng	100
33) 4-Chloroaniline	10.690	127	828517	62.014	ng	99
34) Hexachlorobutadiene	10.860	225	402426	59.079	ng	99
35) Caprolactam	11.495	113	213931	59.232	ng	98
36) 4-Chloro-3-methylphenol	11.819	107	672438	60.073	ng	97
37) 2-Methylnaphthalene	12.190	142	1207999	58.676	ng	98
38) 1-Methylnaphthalene	12.407	142	1271354	57.909	ng	99
40) 1,2,4,5-Tetrachloroben...	12.560	216	724963	59.814	ng	100
41) Hexachlorocyclopentadiene	12.537	237	416561	63.104	ng	99
43) 2,4,6-Trichlorophenol	12.807	196	490224	61.525	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025731.D
 Acq On : 11 Sep 2025 13:43
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

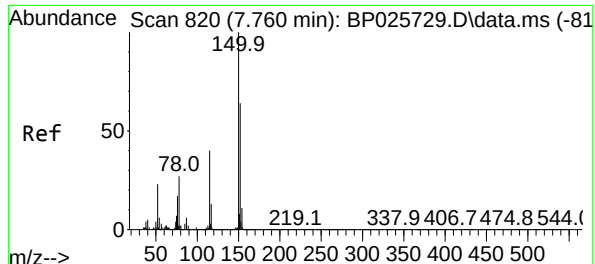
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	548795	61.887	ng	97
46) 1,1'-Biphenyl	13.201	154	1710115	58.250	ng	100
47) 2-Chloronaphthalene	13.248	162	1358189	58.754	ng	99
48) 2-Nitroaniline	13.460	65	481928	62.541	ng	97
49) Acenaphthylene	14.113	152	2244987	58.613	ng	99
50) Dimethylphthalate	13.836	163	1735637	56.838	ng	99
51) 2,6-Dinitrotoluene	13.960	165	395721	61.166	ng	98
52) Acenaphthene	14.454	154	1266404	57.334	ng	100
53) 3-Nitroaniline	14.295	138	428446	62.976	ng	98
54) 2,4-Dinitrophenol	14.513	184	241144	58.695	ng	99
55) Dibenzofuran	14.789	168	2062085	57.280	ng	99
56) 4-Nitrophenol	14.619	139	335924	58.606	ng	94
57) 2,4-Dinitrotoluene	14.760	165	564986	61.363	ng	98
58) Fluorene	15.448	166	1619859	56.587	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.025	232	471644	59.043	ng	100
60) Diethylphthalate	15.225	149	1767001	57.046	ng	100
61) 4-Chlorophenyl-phenyle...	15.442	204	817173	56.642	ng	99
62) 4-Nitroaniline	15.478	138	451315	64.802	ng	97
63) Azobenzene	15.742	77	1761607	58.817	ng	99
65) 4,6-Dinitro-2-methylph...	15.536	198	341390	61.918	ng	97
66) n-Nitrosodiphenylamine	15.660	169	1476982	58.214	ng	99
67) 4-Bromophenyl-phenylether	16.354	248	530862	58.285	ng	97
68) Hexachlorobenzene	16.483	284	586880	57.781	ng	95
69) Atrazine	16.642	200	563586	58.112	ng	97
70) Pentachlorophenol	16.836	266	400840	59.795	ng	100
71) Phenanthrene	17.230	178	2648539	56.316	ng	100
72) Anthracene	17.325	178	2753779	57.710	ng	100
73) Carbazole	17.607	167	2580907	58.177	ng	99
74) Di-n-butylphthalate	18.189	149	3187132	58.542	ng	100
75) Fluoranthene	19.313	202	3216943	57.034	ng	100
77) Benzidine	19.513	184	1473612	60.181	ng	99
78) Pyrene	19.689	202	3334872	58.794	ng	99
80) Butylbenzylphthalate	20.630	149	1497716	60.222	ng	98
81) Benzo(a)anthracene	21.613	228	3391233	58.272	ng	99
82) 3,3'-Dichlorobenzidine	21.530	252	1193448	59.308	ng	99
83) Chrysene	21.677	228	3234610	58.306	ng	100
84) Bis(2-ethylhexyl)phtha...	21.542	149	2185686	60.070	ng	99
85) Di-n-octyl phthalate	22.830	149	3857923	59.606	ng	100
87) Indeno(1,2,3-cd)pyrene	28.824	276	4176186	61.276	ng	# 85
88) Benzo(b)fluoranthene	23.930	252	3417862	59.638	ng	99
89) Benzo(k)fluoranthene	24.007	252	3431342	58.674	ng	100
90) Benzo(a)pyrene	24.848	252	3396800	60.523	ng	99
91) Dibenzo(a,h)anthracene	28.906	278	3396390	60.898	ng	99
92) Benzo(g,h,i)perylene	30.012	276	3366014	61.370	ng	99

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

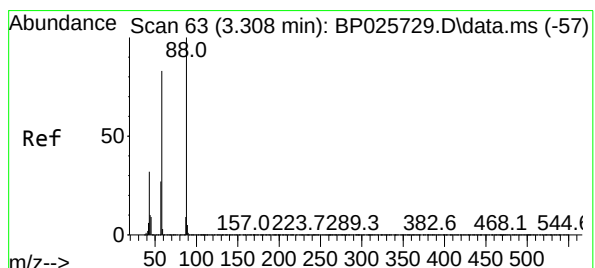
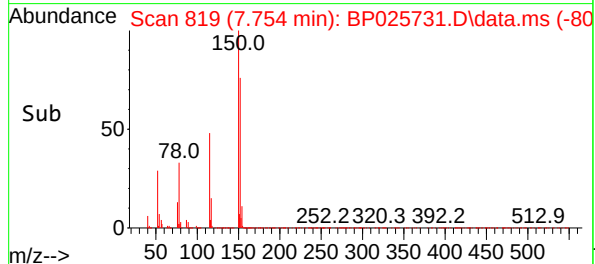
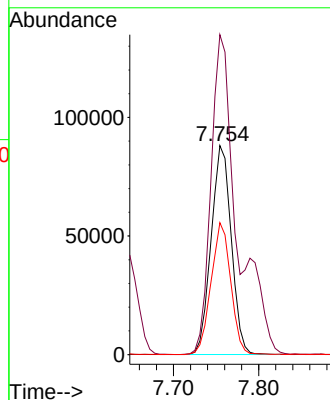
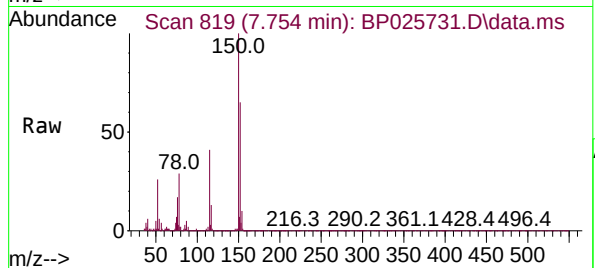
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.754 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

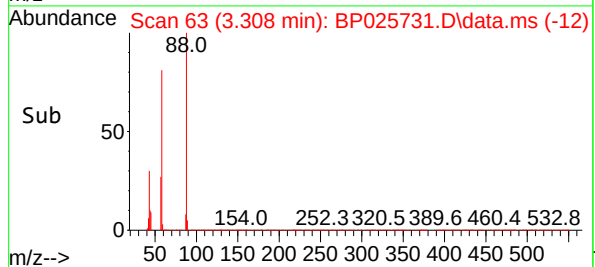
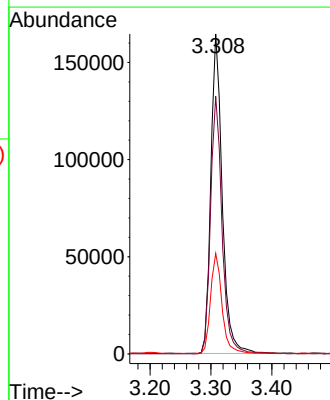
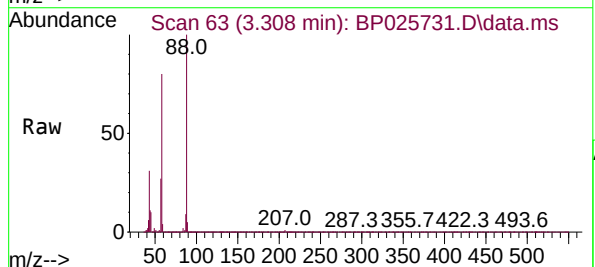
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BNA_P
ClientSampleId :
SSTDICC060

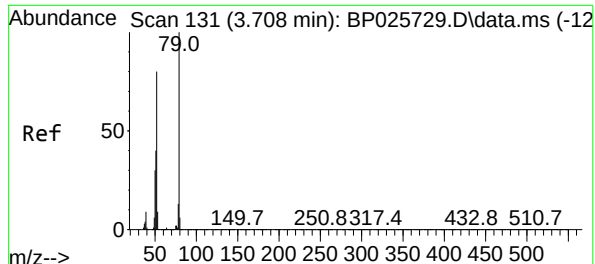
Tgt Ion:152 Resp: 144908
Ion Ratio Lower Upper
152 100
150 153.1 124.3 186.5
115 63.1 50.3 75.5



#2
1,4-Dioxane
Concen: 56.894 ng
RT: 3.308 min Scan# 63
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion: 88 Resp: 214449
Ion Ratio Lower Upper
88 100
58 81.2 65.5 98.3
43 31.4 25.2 37.8





#3

Pyridine

Concen: 58.630 ng

RT: 3.708 min Scan# 131

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

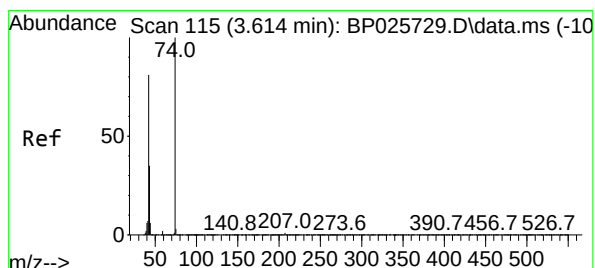
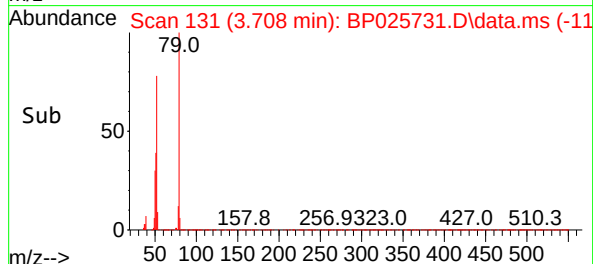
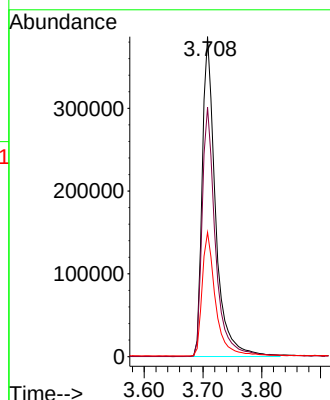
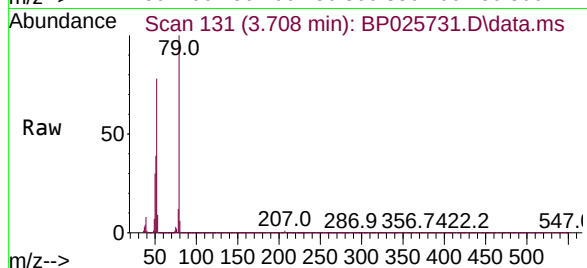
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 608506

Ion	Ratio	Lower	Upper
79	100		
52	77.9	63.7	95.5
51	38.8	32.4	48.6



#4

n-Nitrosodimethylamine

Concen: 57.906 ng

RT: 3.614 min Scan# 115

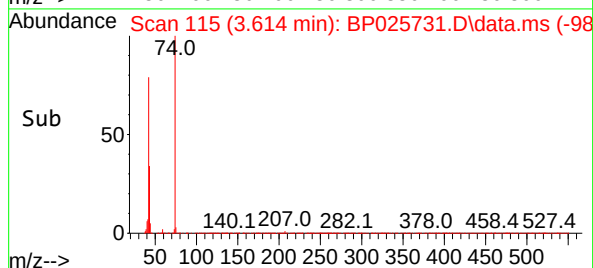
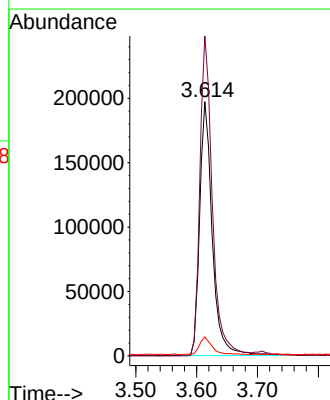
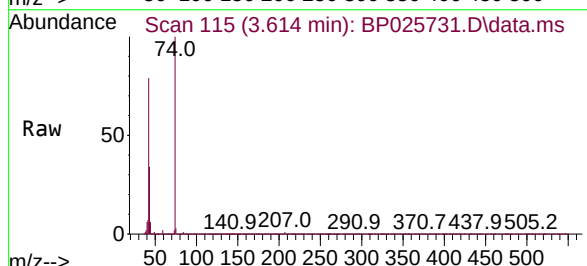
Delta R.T. -0.000 min

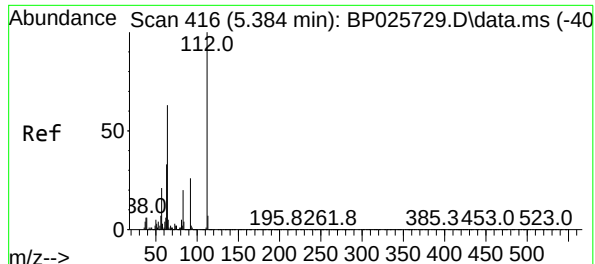
Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Tgt Ion: 42 Resp: 283590

Ion	Ratio	Lower	Upper
42	100		
74	125.9	99.2	148.8
44	7.5	6.4	9.6

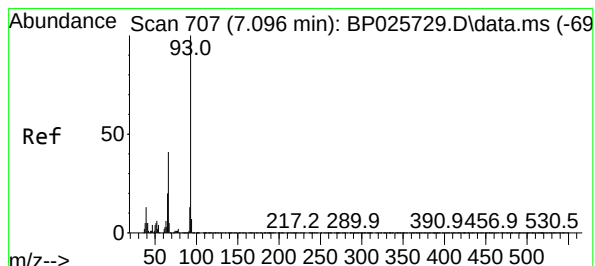
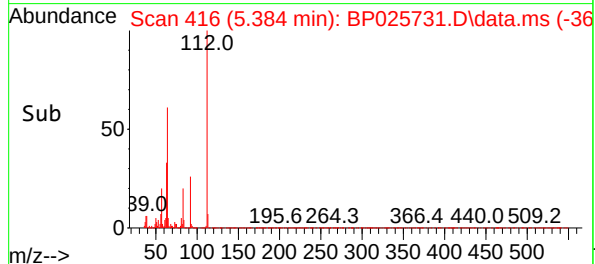
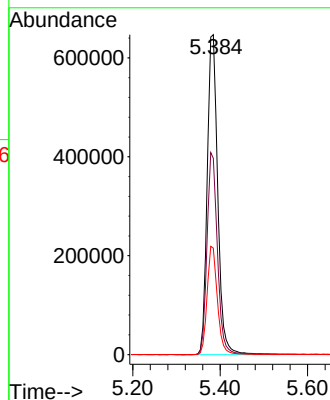
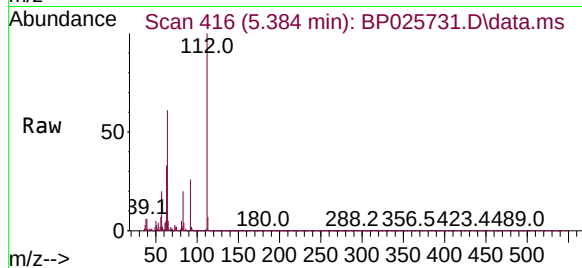




#5
2-Fluorophenol
Concen: 119.885 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

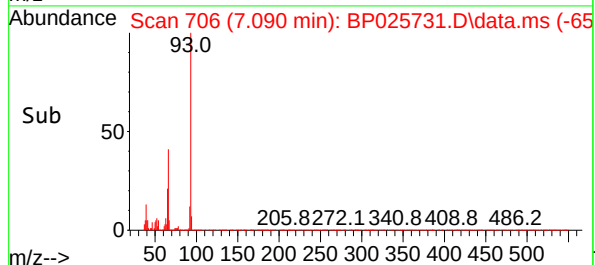
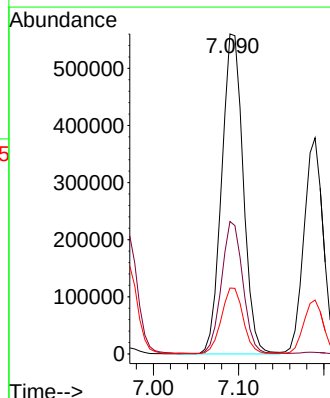
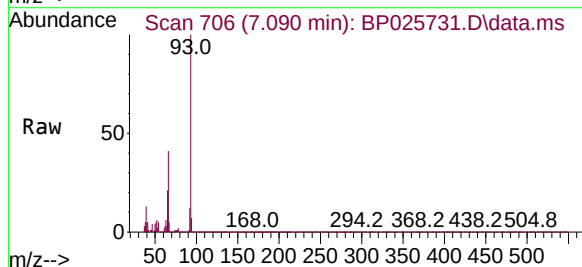
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

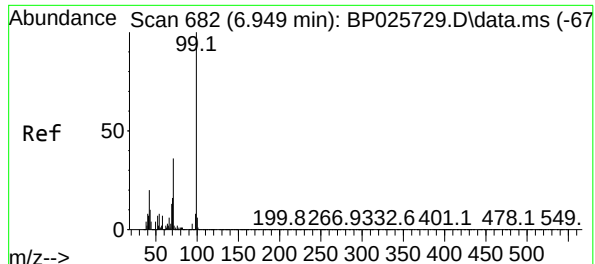
Tgt Ion:112 Resp: 1076648
Ion Ratio Lower Upper
112 100
64 61.4 50.2 75.4
63 33.3 26.7 40.1



#6
Aniline
Concen: 60.086 ng
RT: 7.090 min Scan# 706
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion: 93 Resp: 984589
Ion Ratio Lower Upper
93 100
66 41.4 32.6 49.0
65 20.6 16.2 24.2

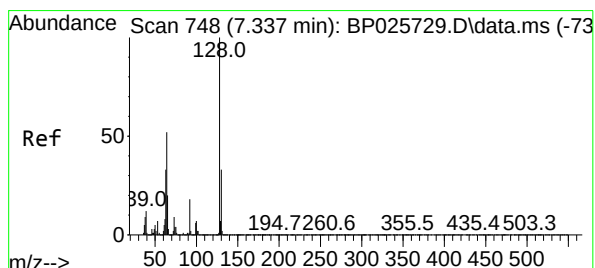
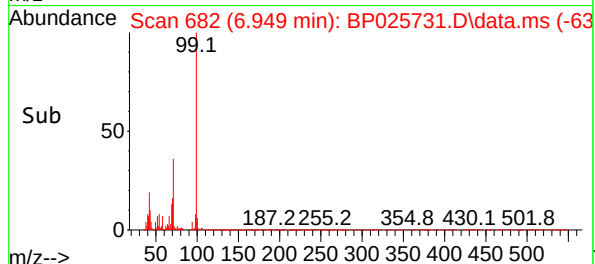
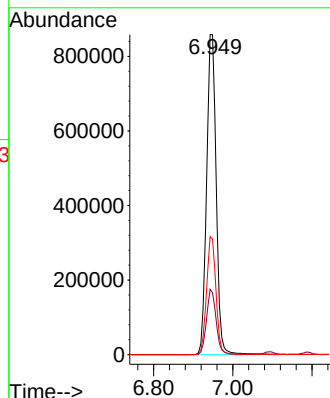
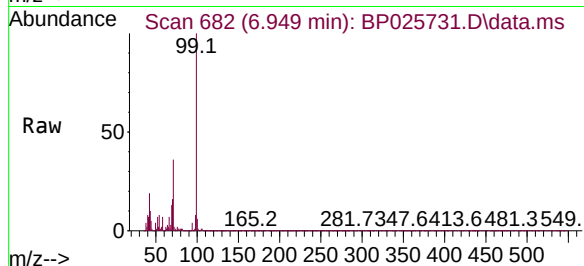




#7
Phenol-d6
Concen: 120.727 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

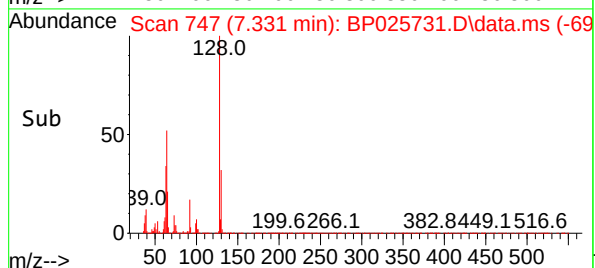
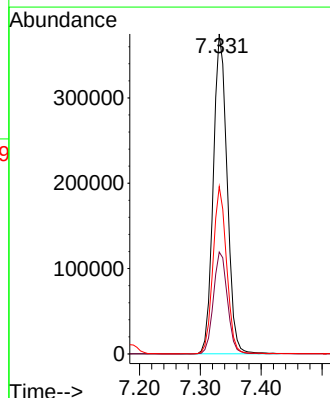
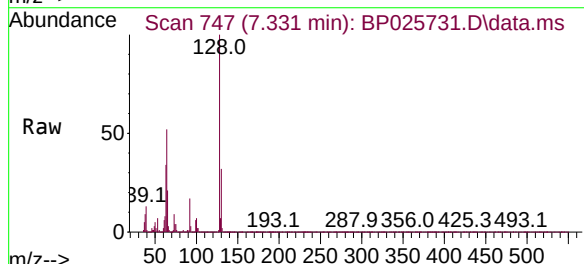
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

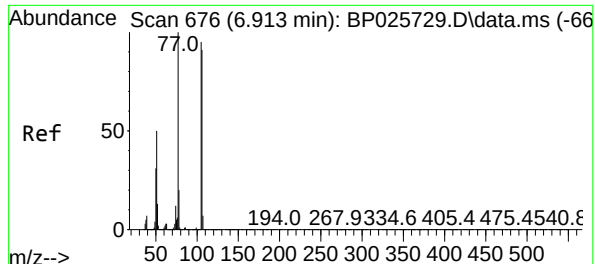
Tgt Ion: 99 Resp: 1441118
Ion Ratio Lower Upper
99 100
42 19.3 15.6 23.4
71 36.1 28.6 43.0



#8
2-Chlorophenol
Concen: 60.261 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion: 128 Resp: 593699
Ion Ratio Lower Upper
128 100
130 31.8 12.6 52.6
64 52.3 31.6 71.6

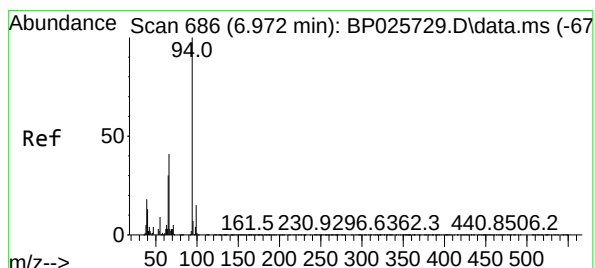
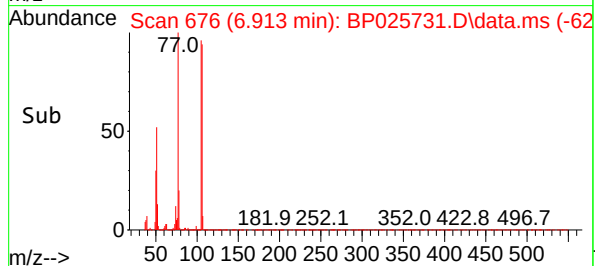
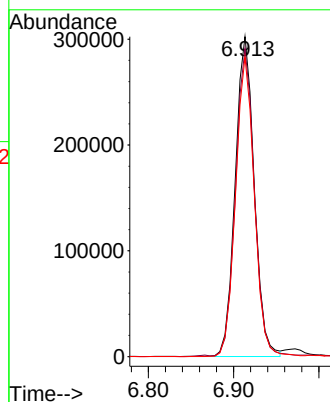
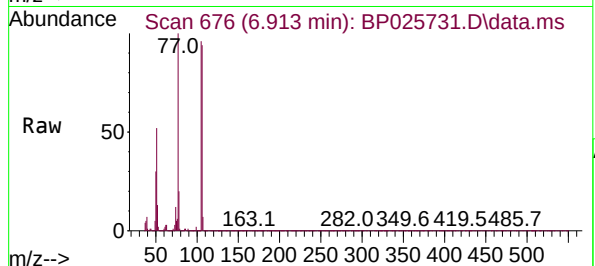




#9
Benzaldehyde
Concen: 65.521 ng
RT: 6.913 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

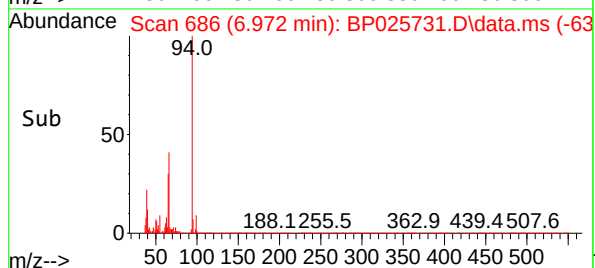
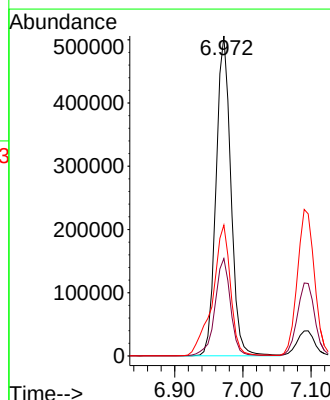
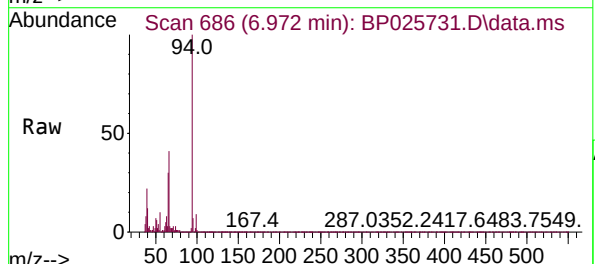
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

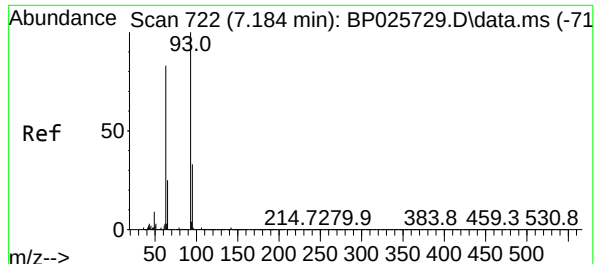
Tgt Ion: 77 Resp: 468269
Ion Ratio Lower Upper
77 100
105 96.3 75.2 115.2
106 93.5 71.3 111.3



#10
Phenol
Concen: 60.475 ng
RT: 6.972 min Scan# 686
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion: 94 Resp: 761185
Ion Ratio Lower Upper
94 100
65 30.5 10.2 50.2
66 40.9 21.4 61.4

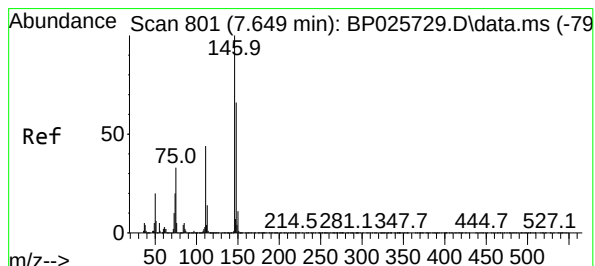
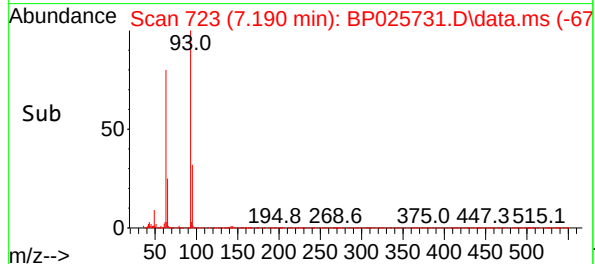
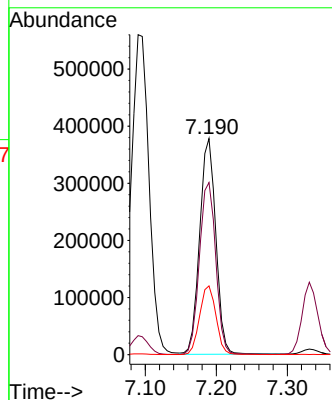
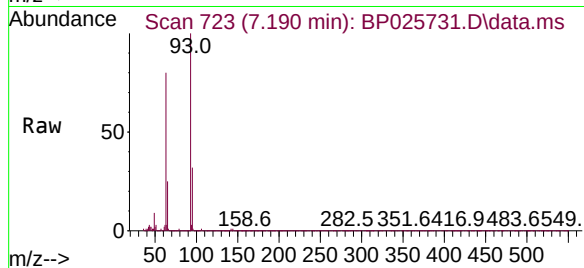




#11
bis(2-Chloroethyl)ether
Concen: 58.820 ng
RT: 7.190 min Scan# 722
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

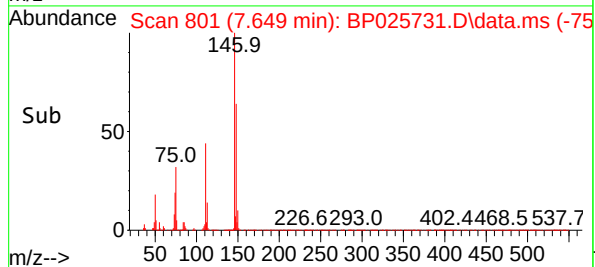
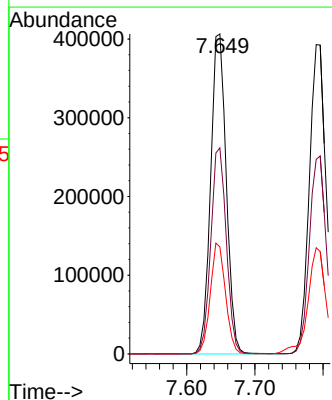
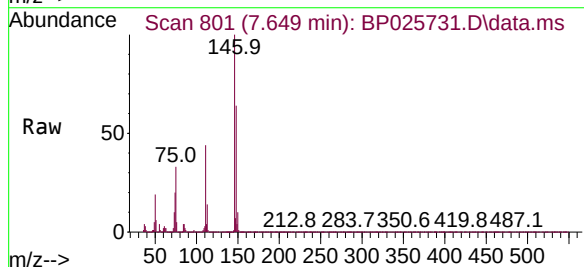
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

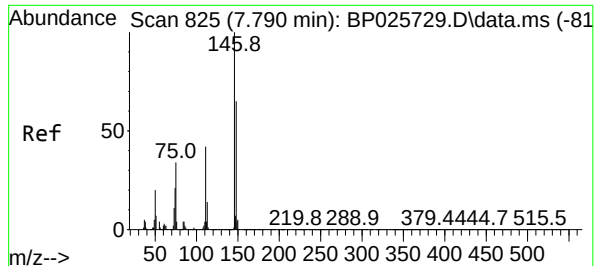
Tgt Ion: 93 Resp: 594817
Ion Ratio Lower Upper
93 100
63 79.6 62.6 102.6
95 31.8 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 57.736 ng
RT: 7.649 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion: 146 Resp: 647387
Ion Ratio Lower Upper
146 100
148 64.4 52.7 79.1
75 33.4 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 58.590 ng

RT: 7.790 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

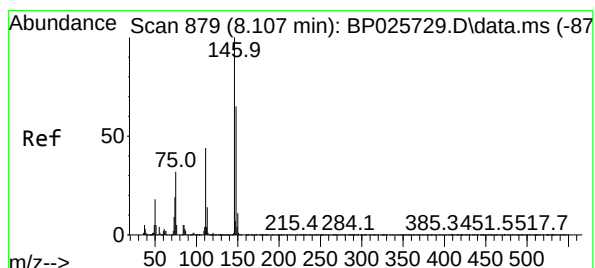
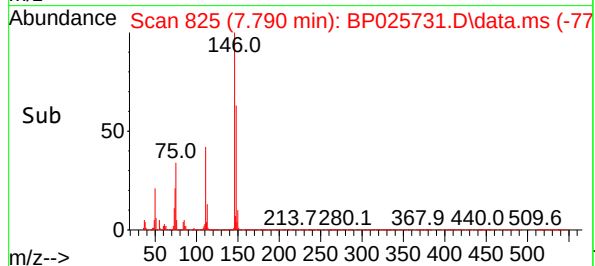
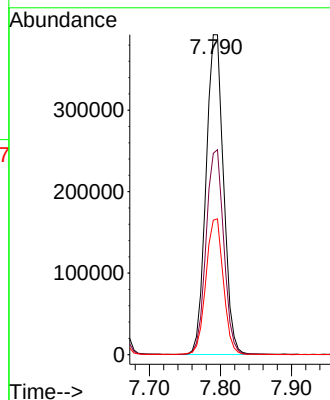
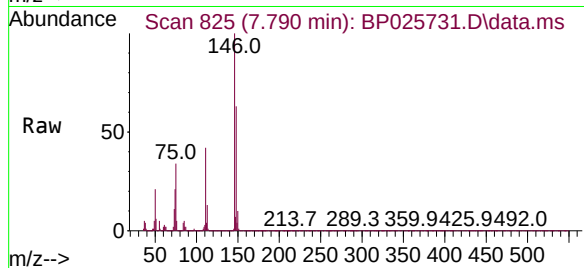
Tgt Ion:146 Resp: 669205

Ion Ratio Lower Upper

146 100

148 62.9 52.0 78.0

111 42.0 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 58.182 ng

RT: 8.107 min Scan# 879

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

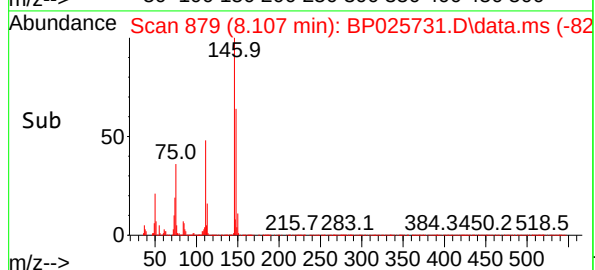
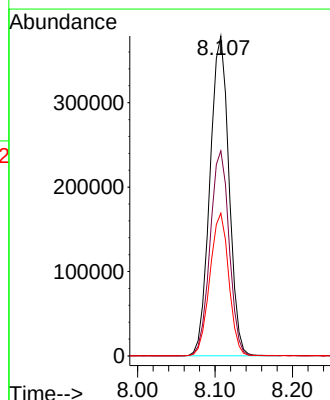
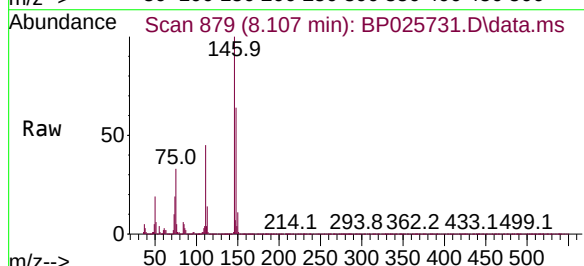
Tgt Ion:146 Resp: 645593

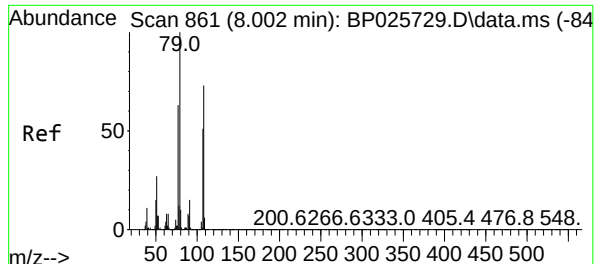
Ion Ratio Lower Upper

146 100

148 64.1 51.7 77.5

111 44.6 35.5 53.3





#15

Benzyl Alcohol

Concen: 59.518 ng

RT: 7.996 min Scan# 861

Delta R.T. -0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

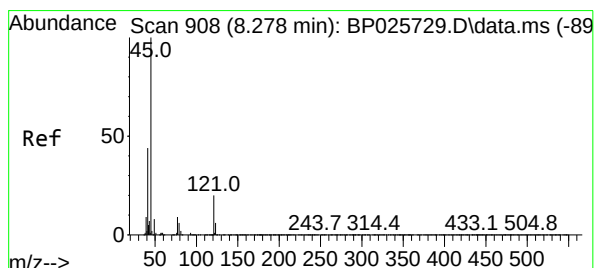
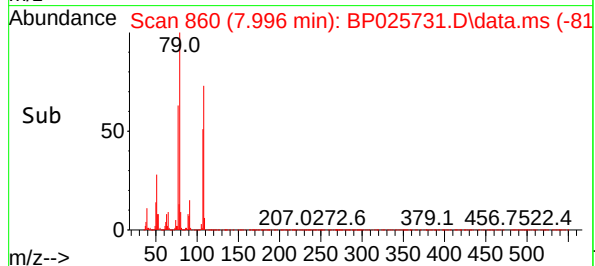
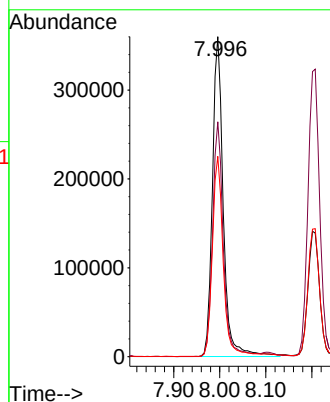
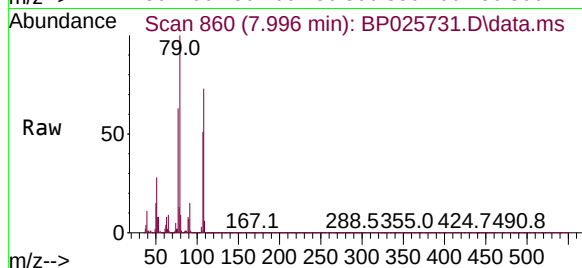
Tgt Ion: 79 Resp: 587082

Ion Ratio Lower Upper

79 100

108 73.4 58.7 88.1

77 62.6 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 56.880 ng

RT: 8.278 min Scan# 908

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

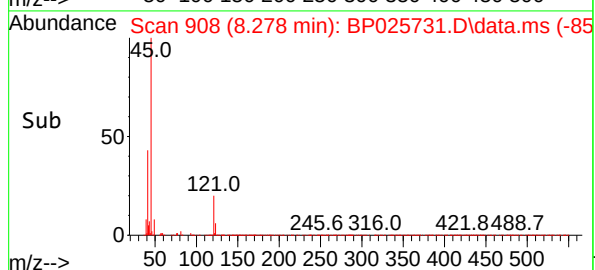
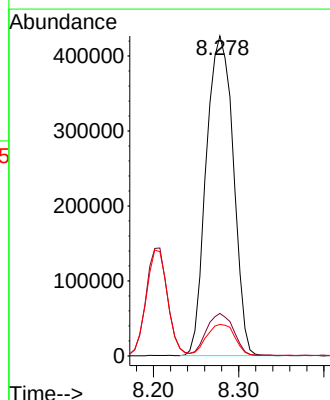
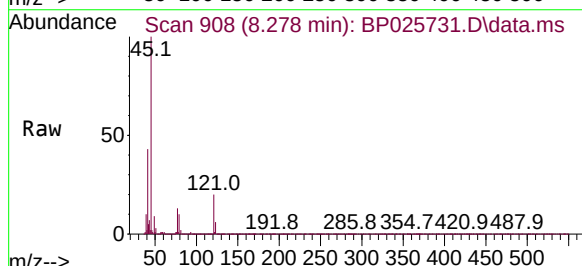
Tgt Ion: 45 Resp: 940663

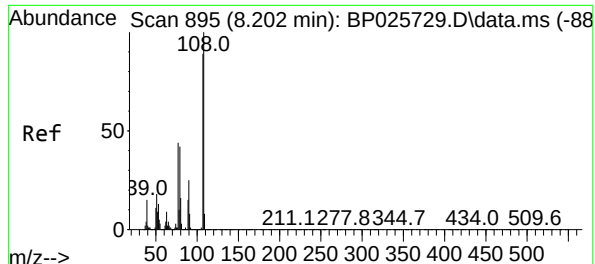
Ion Ratio Lower Upper

45 100

77 13.3 0.0 33.1

79 9.8 0.0 30.0

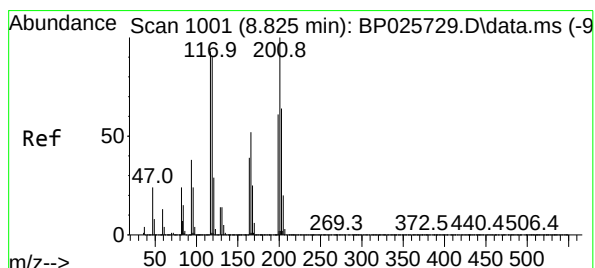
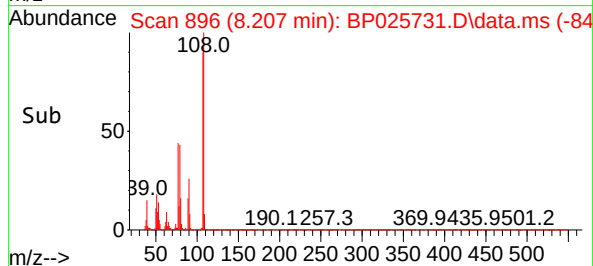
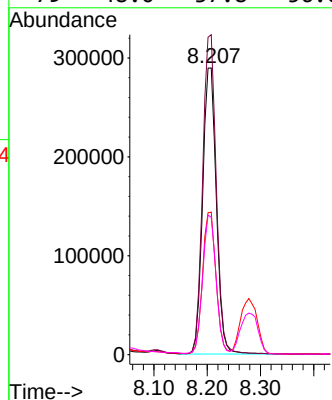
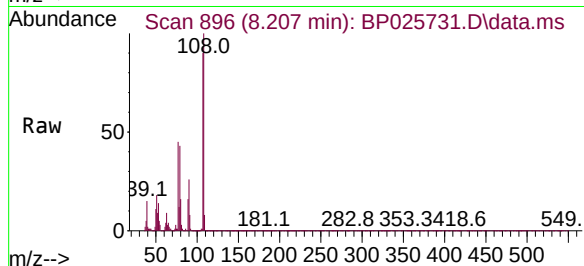




#17
2-Methylphenol
Concen: 60.722 ng
RT: 8.207 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

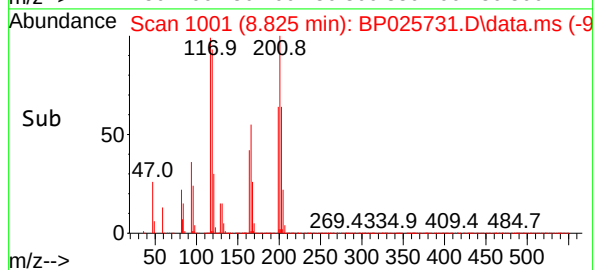
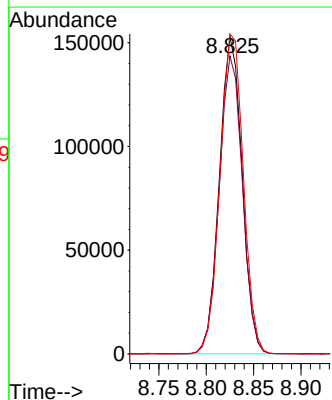
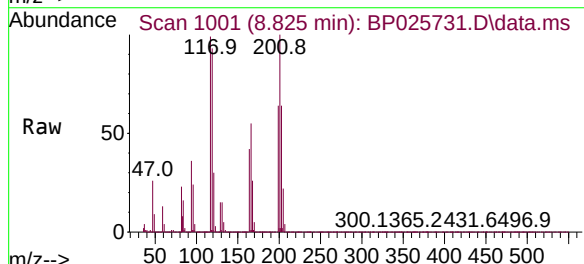
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

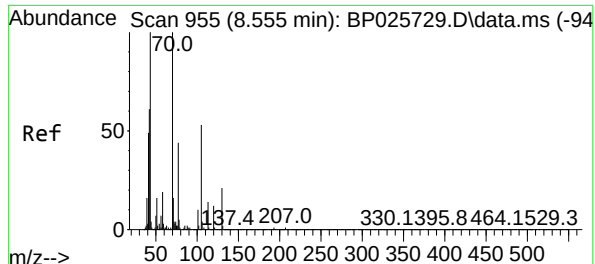
Tgt Ion:	107	Resp:	515294
Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.6	134.4
77	49.7	39.3	58.9
79	48.0	37.8	56.6



#18
Hexachloroethane
Concen: 58.553 ng
RT: 8.825 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:	117	Resp:	255454
Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.1	115.7
201	100.9	85.6	128.4





#19

n-Nitroso-di-n-propylamine

Concen: 60.833 ng

RT: 8.560 min Scan# 91

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 500512

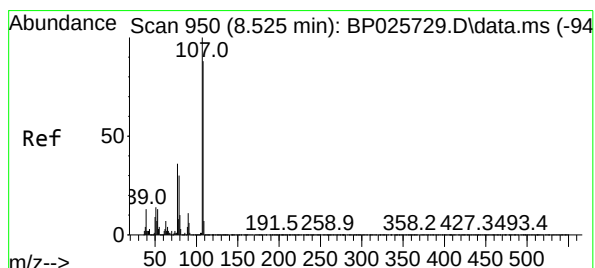
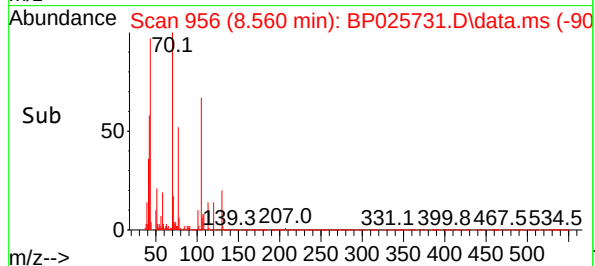
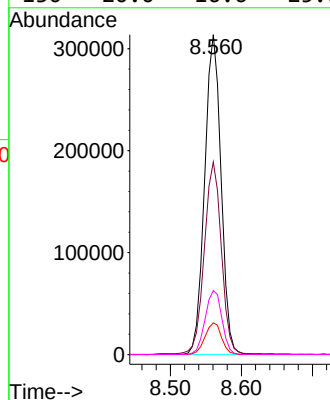
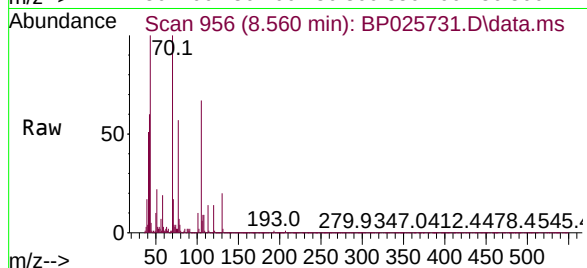
Ion Ratio Lower Upper

70 100

42 60.2 49.0 73.4

101 9.9 7.9 11.9

130 20.0 16.6 25.0



#20

3+4-Methylphenols

Concen: 59.431 ng

RT: 8.531 min Scan# 951

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Tgt Ion: 107 Resp: 706319

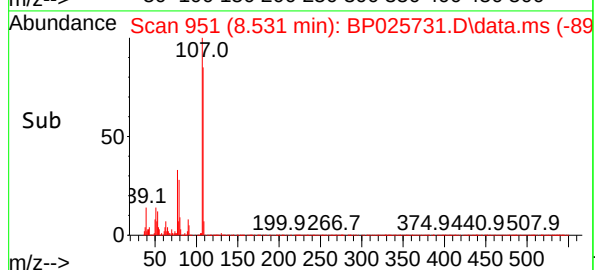
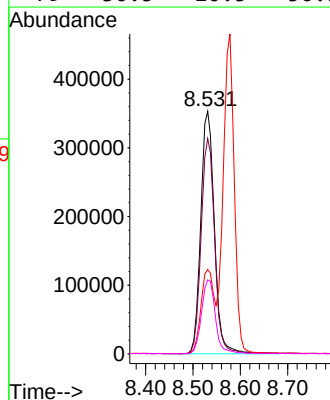
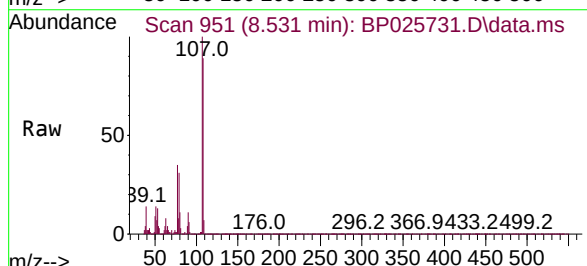
Ion Ratio Lower Upper

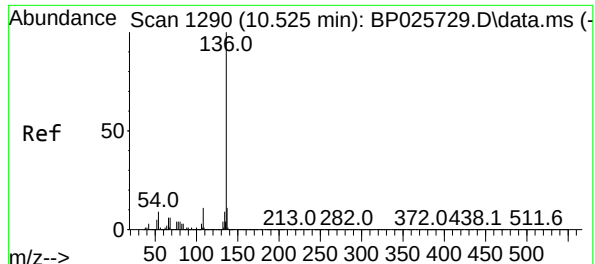
107 100

108 88.7 67.8 107.8

77 34.8 16.1 56.1

79 30.5 10.5 50.5

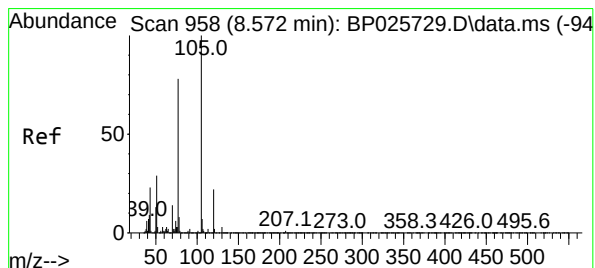
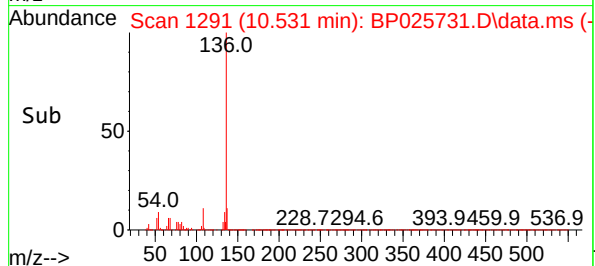
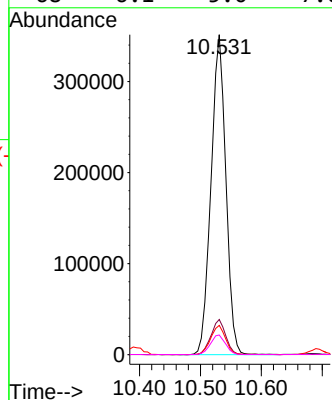
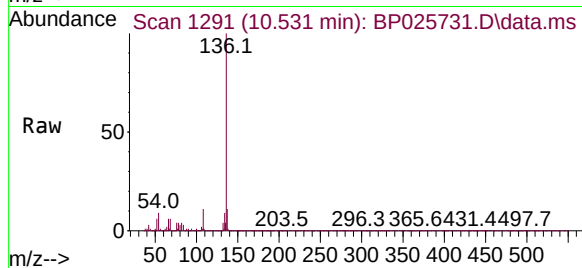




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.531 min Scan# 1291
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

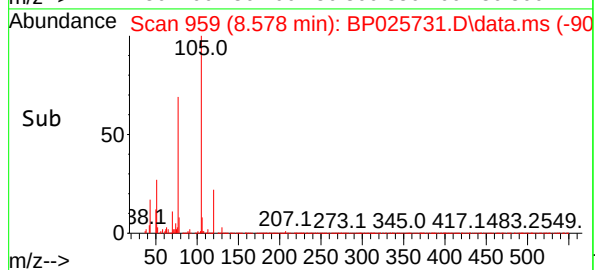
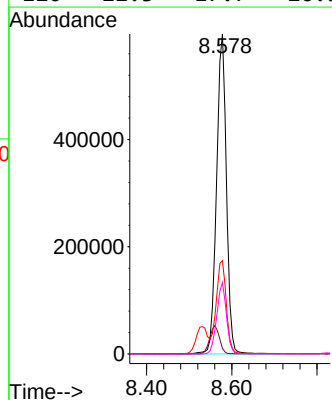
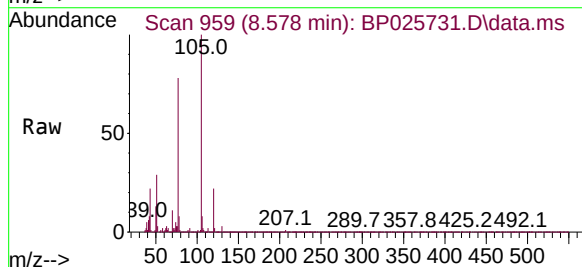
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

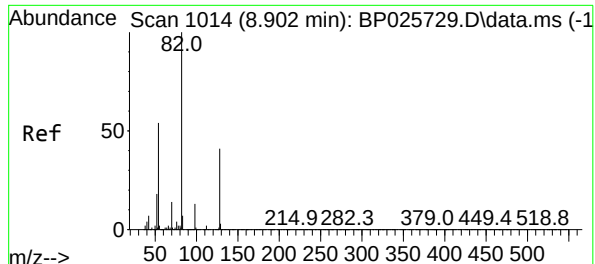
Tgt Ion	136	137	54	68
Ratio	100	11.0	9.1	6.1
Lower		8.7	7.5	5.0
Upper		13.1	11.3	7.6



#22
Acetophenone
Concen: 60.398 ng
RT: 8.578 min Scan# 959
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion	105	71	51	120
Ratio	100	1.7	29.1	22.3
Lower		1.8	23.5	17.7
Upper		2.8	35.3	26.5

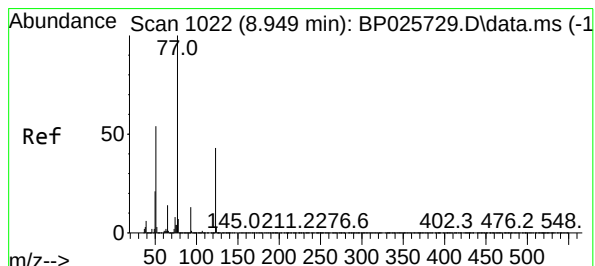
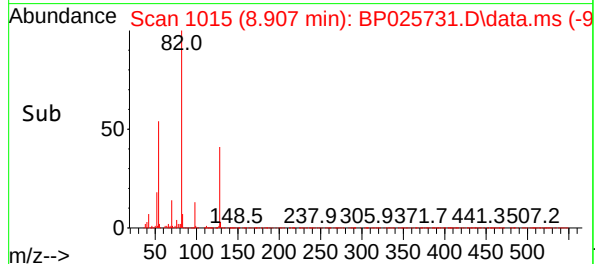
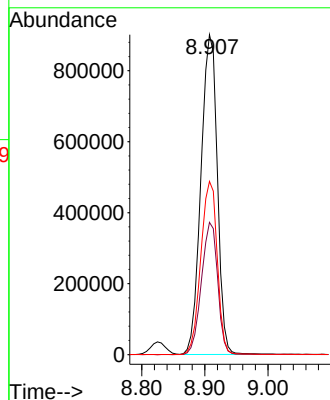
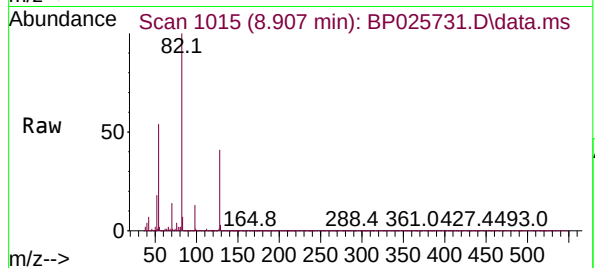




#23
Nitrobenzene-d5
Concen: 120.514 ng
RT: 8.907 min Scan# 1015
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

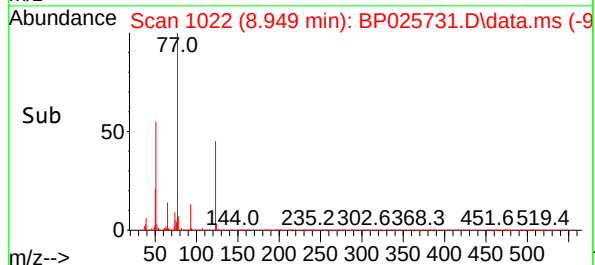
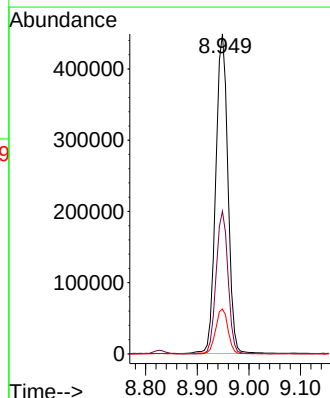
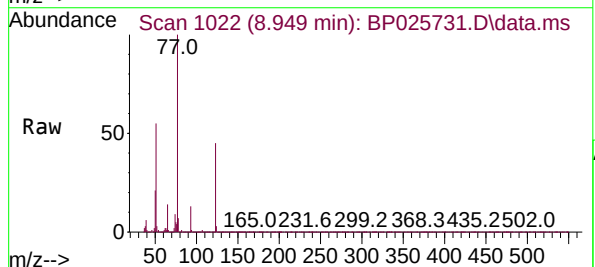
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

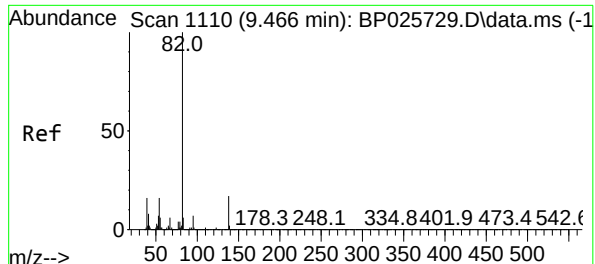
Tgt Ion: 82 Resp: 1624115
Ion Ratio Lower Upper
82 100
128 41.3 32.9 49.3
54 54.1 43.4 65.2



#24
Nitrobenzene
Concen: 60.626 ng
RT: 8.949 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion: 77 Resp: 732954
Ion Ratio Lower Upper
77 100
123 44.6 34.4 51.6
65 14.0 10.8 16.2





#25

Isophorone

Concen: 59.586 ng

RT: 9.472 min Scan# 1111

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

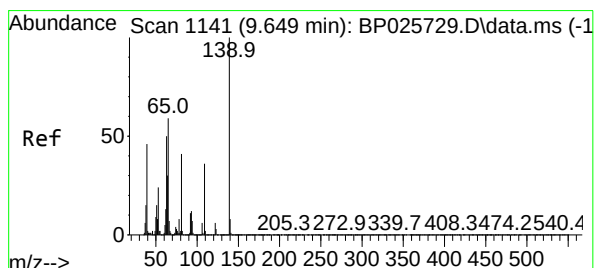
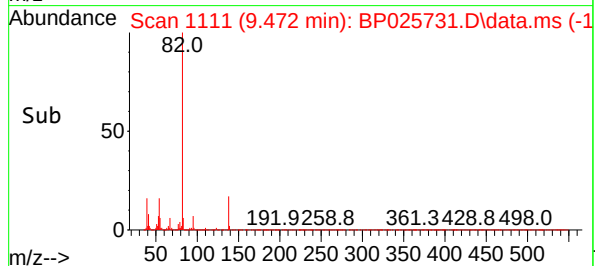
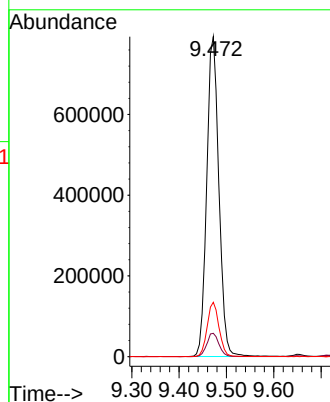
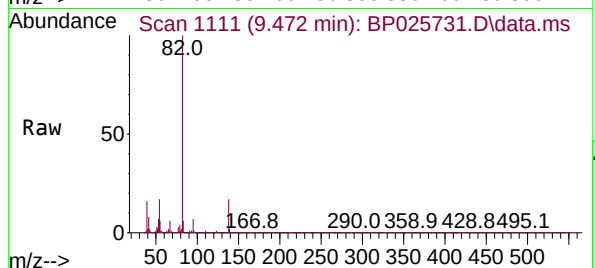
Tgt Ion: 82 Resp: 1411439

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.8

138 17.0 13.5 20.3



#26

2-Nitrophenol

Concen: 63.706 ng

RT: 9.654 min Scan# 1142

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

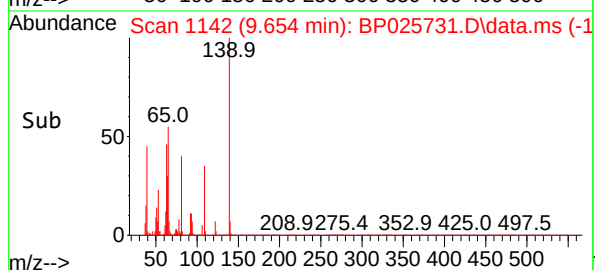
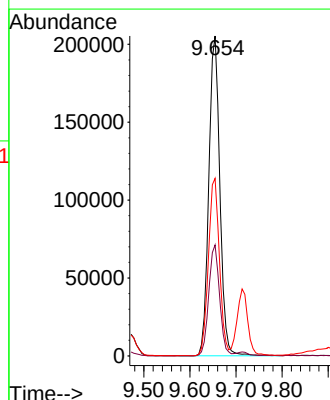
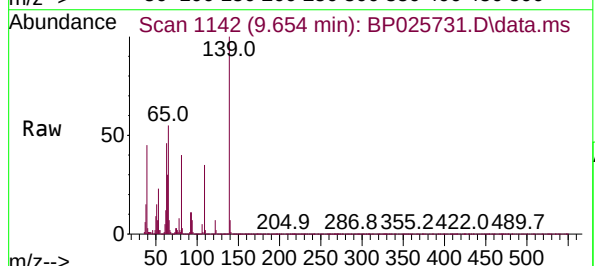
Tgt Ion: 139 Resp: 341952

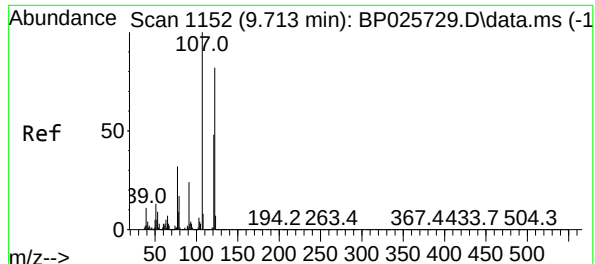
Ion Ratio Lower Upper

139 100

109 34.7 29.0 43.4

65 55.5 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 60.651 ng

RT: 9.713 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

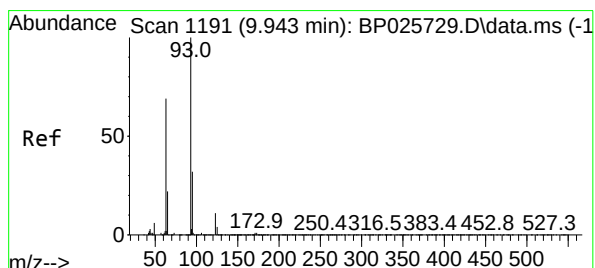
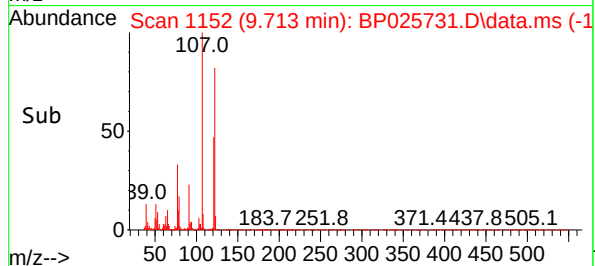
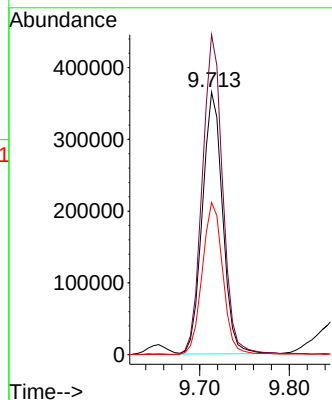
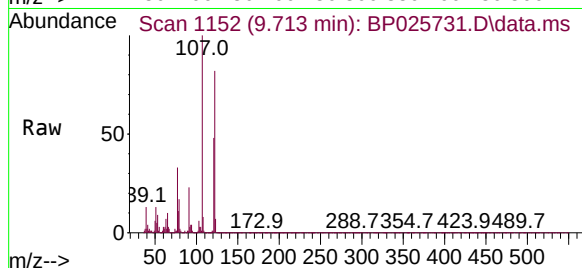
Tgt Ion:122 Resp: 571131

Ion Ratio Lower Upper

122 100

107 121.9 97.9 146.9

121 57.9 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 58.855 ng

RT: 9.948 min Scan# 1192

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

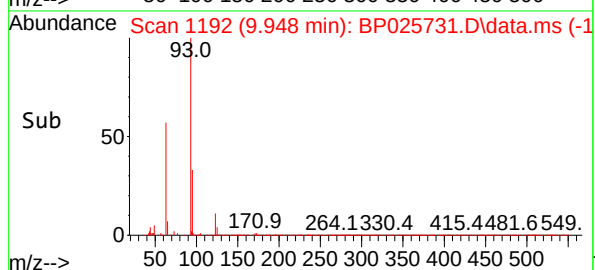
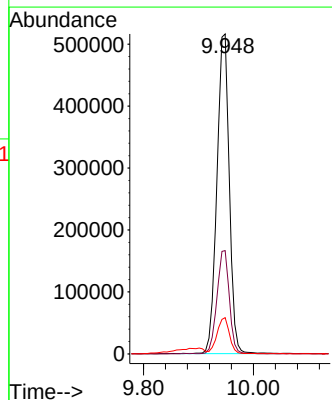
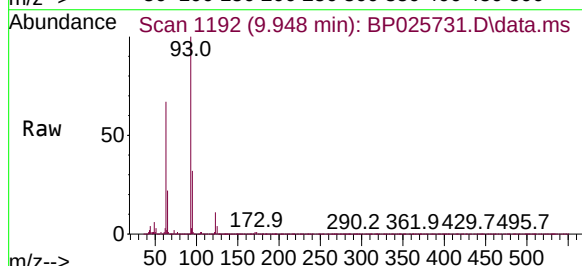
Tgt Ion: 93 Resp: 805869

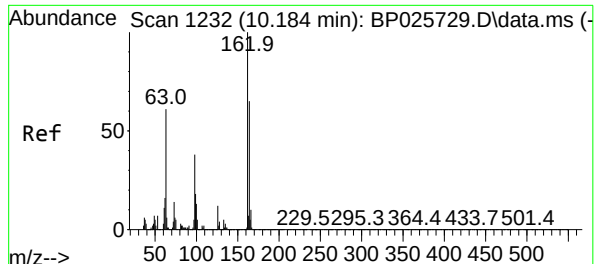
Ion Ratio Lower Upper

93 100

95 32.3 25.6 38.4

123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 62.152 ng

RT: 10.190 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

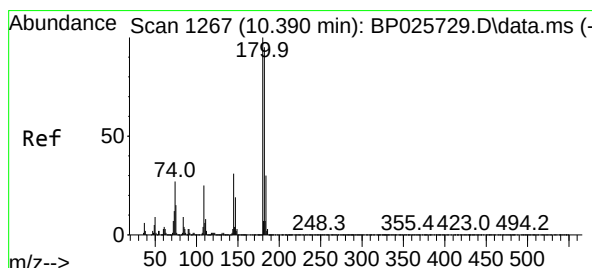
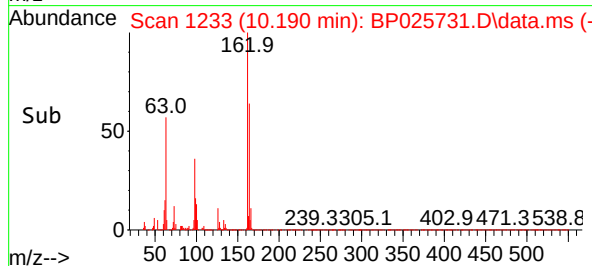
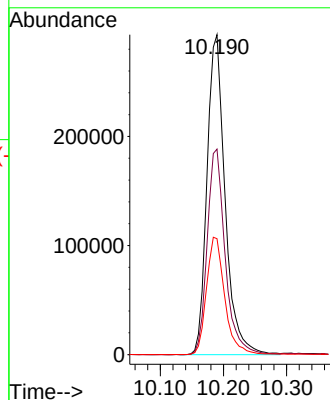
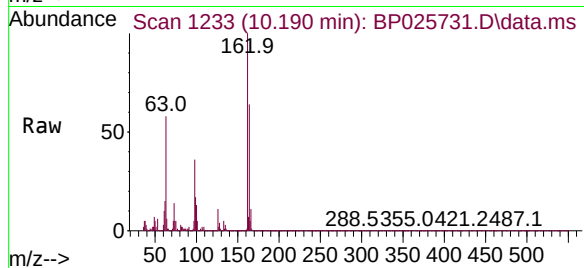
Tgt Ion:162 Resp: 583539

Ion Ratio Lower Upper

162 100

164 64.2 44.7 84.7

98 36.2 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 58.392 ng

RT: 10.396 min Scan# 1268

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

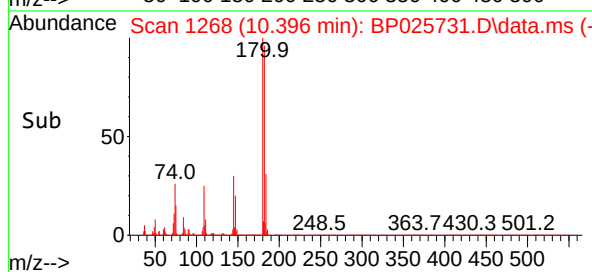
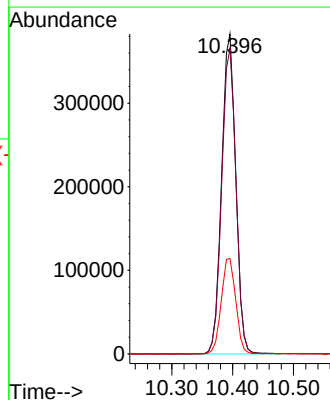
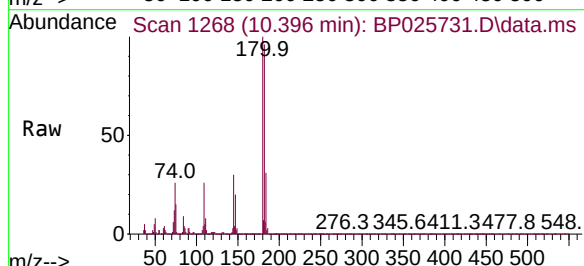
Tgt Ion:180 Resp: 617864

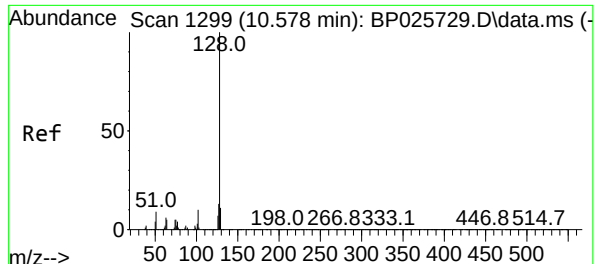
Ion Ratio Lower Upper

180 100

182 95.5 76.0 114.0

145 29.8 24.7 37.1

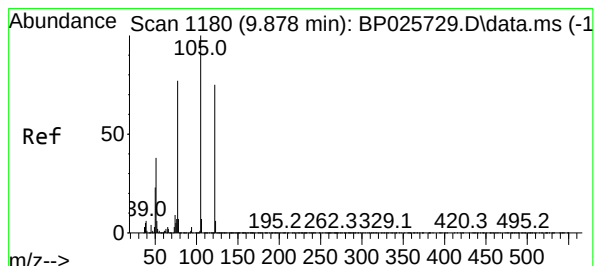
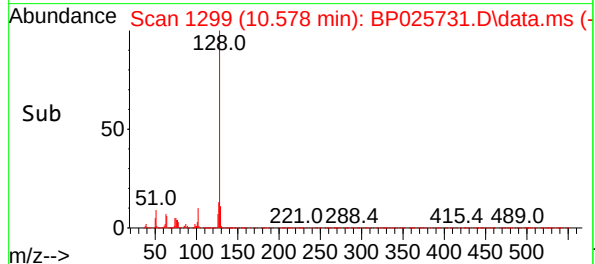
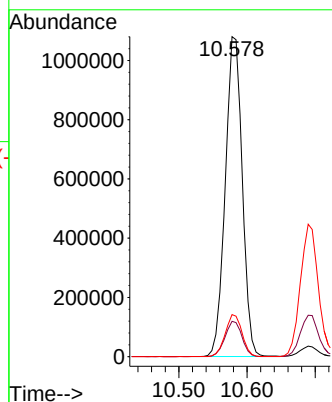
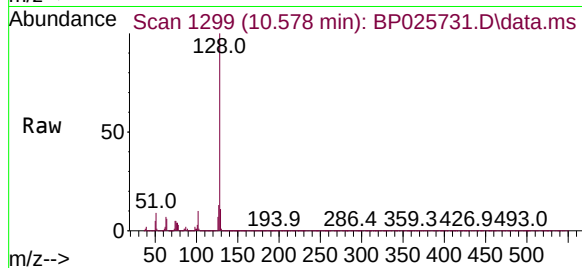




#31
Naphthalene
Concen: 58.065 ng
RT: 10.578 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

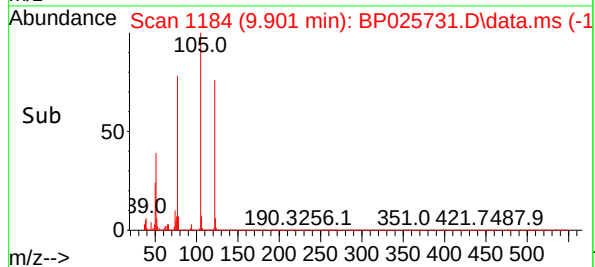
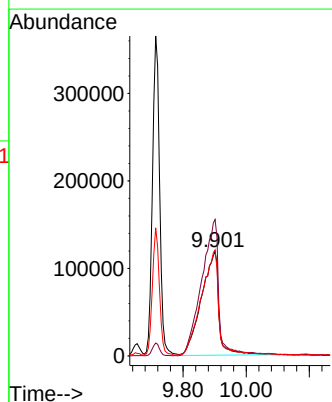
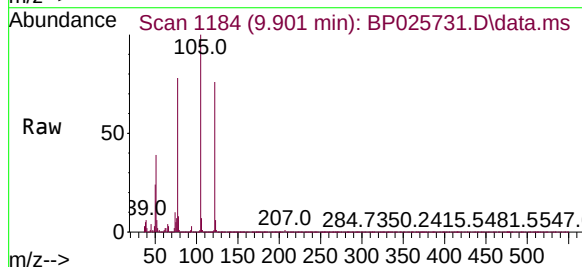
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

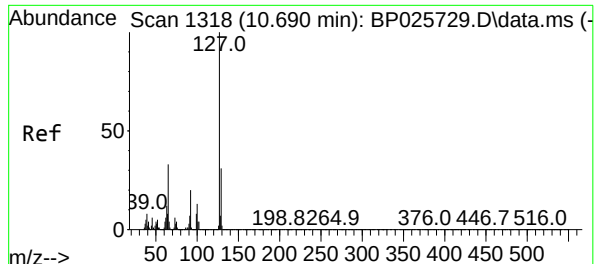
Tgt Ion:128 Resp: 1861226
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 65.376 ng
RT: 9.901 min Scan# 1184
Delta R.T. 0.023 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:122 Resp: 457710
Ion Ratio Lower Upper
122 100
105 131.1 111.5 151.5
77 101.9 81.8 121.8

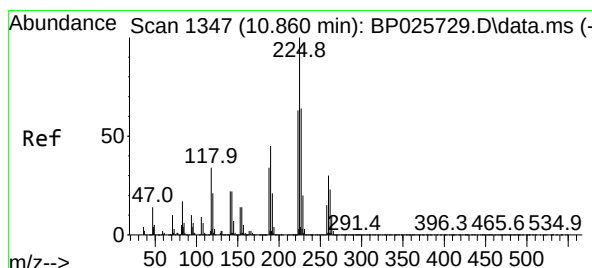
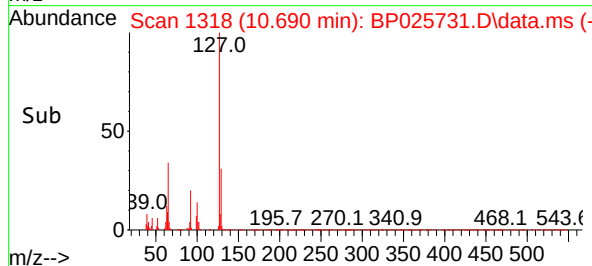
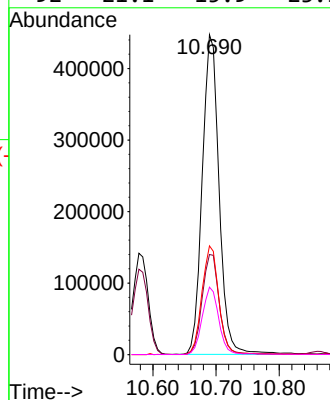
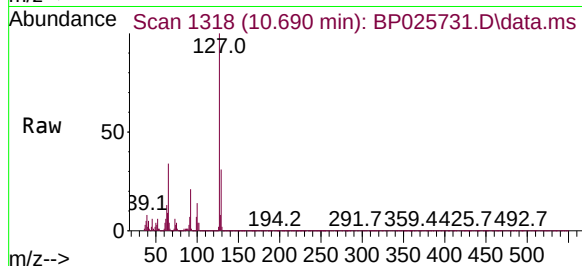




#33
4-Chloroaniline
Concen: 62.014 ng
RT: 10.690 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

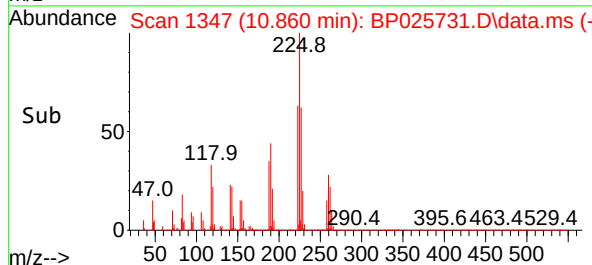
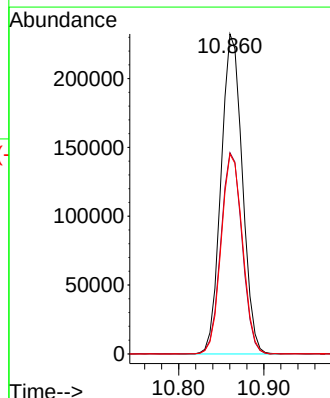
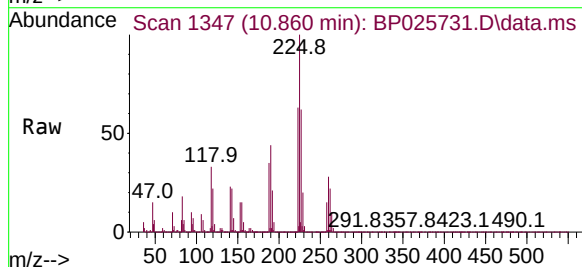
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

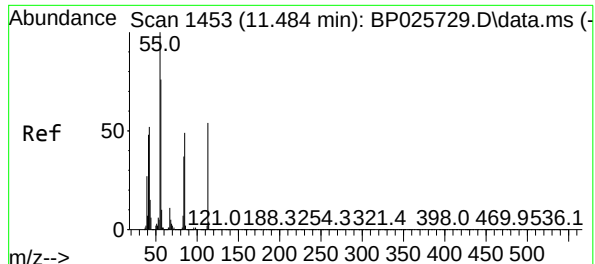
Tgt Ion:	127	Resp:	828517
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.1	37.7
65	34.0	26.4	39.6
92	21.1	15.9	23.9



#34
Hexachlorobutadiene
Concen: 59.079 ng
RT: 10.860 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:	225	Resp:	402426
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.1	75.1
227	62.4	51.2	76.8

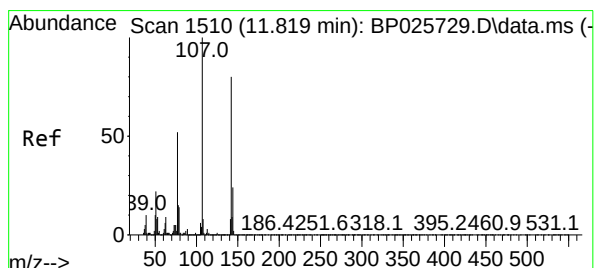
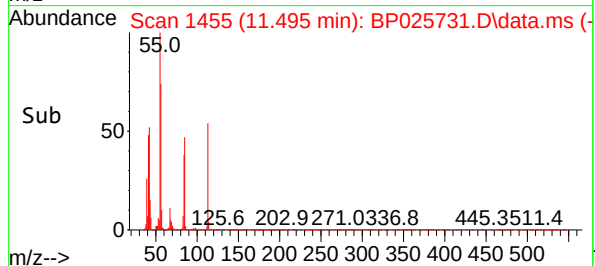
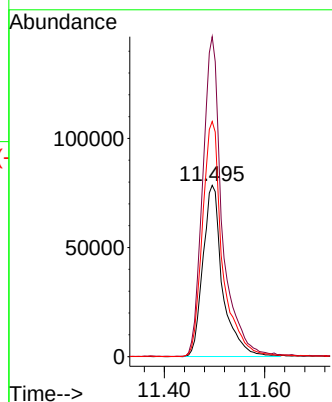
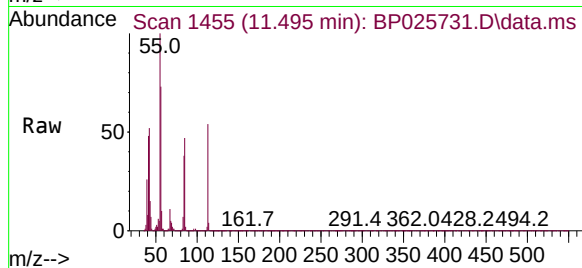




#35
Caprolactam
Concen: 59.232 ng
RT: 11.495 min Scan# 1453
Delta R.T. 0.012 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

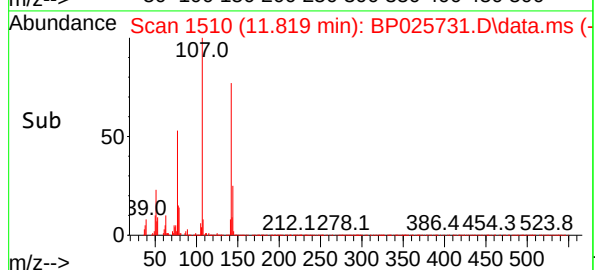
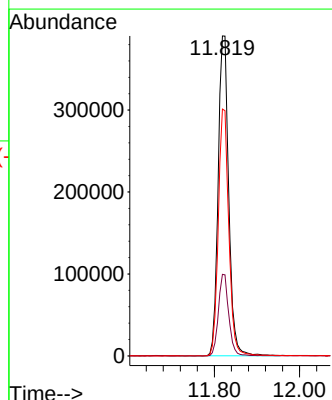
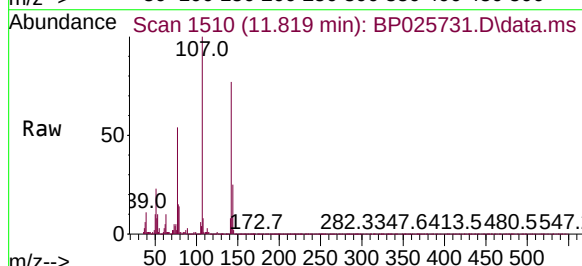
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

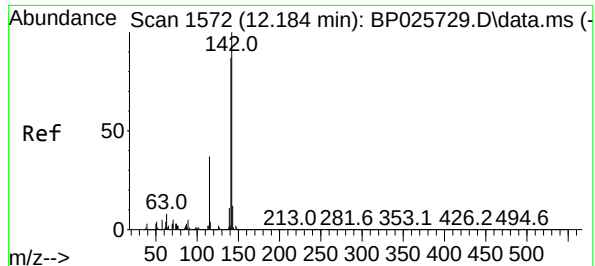
Tgt Ion	Ratio	Lower	Upper
113	100		
55	186.8	165.5	205.5
56	137.2	121.1	161.1



#36
4-Chloro-3-methylphenol
Concen: 60.073 ng
RT: 11.819 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	19.4	29.2
142	77.1	63.8	95.6

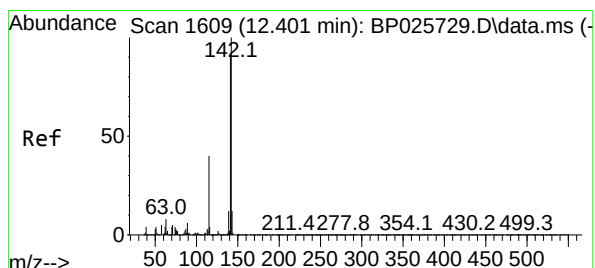
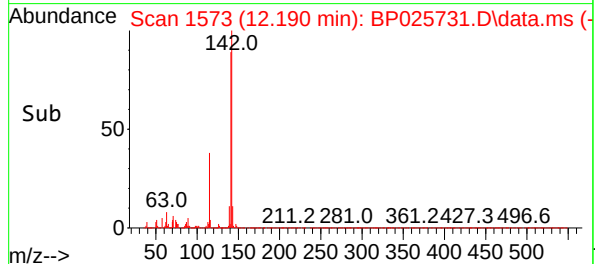
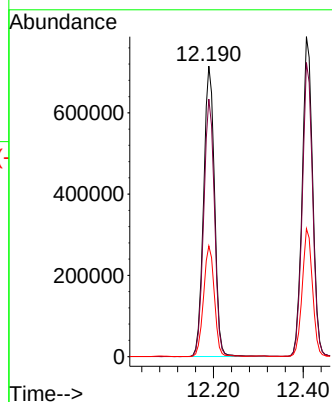
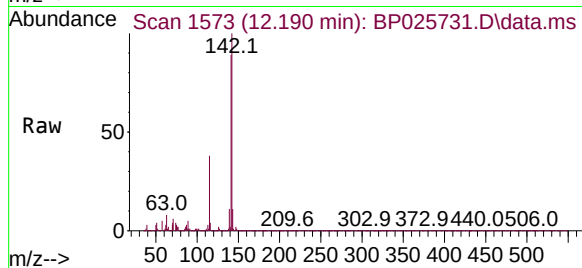




#37
2-Methylnaphthalene
Concen: 58.676 ng
RT: 12.190 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

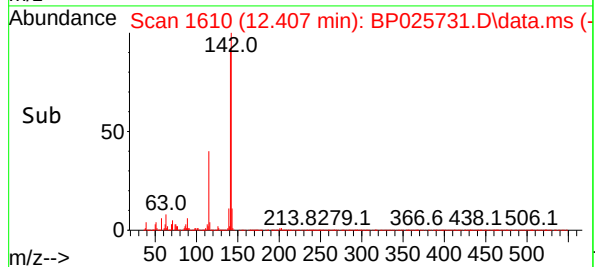
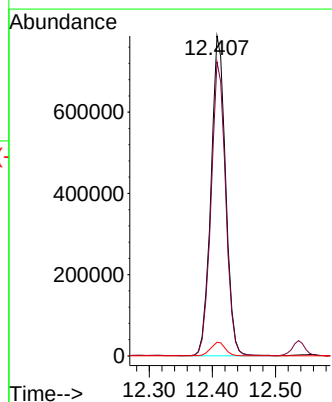
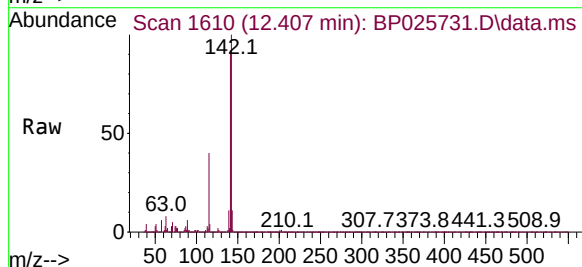
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

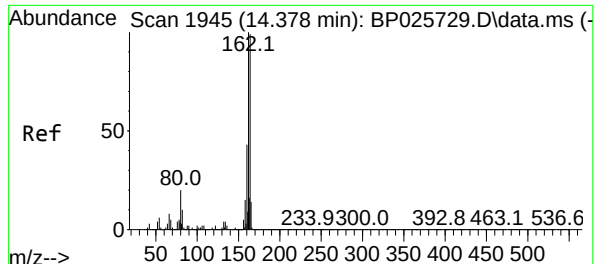
Tgt Ion:142 Resp: 1207999
Ion Ratio Lower Upper
142 100
141 88.7 69.6 104.4
115 38.1 30.0 45.0



#38
1-Methylnaphthalene
Concen: 57.909 ng
RT: 12.407 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:142 Resp: 1271354
Ion Ratio Lower Upper
142 100
141 91.9 72.7 109.1
116 4.3 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.389 min Scan# 1947

Delta R.T. 0.012 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

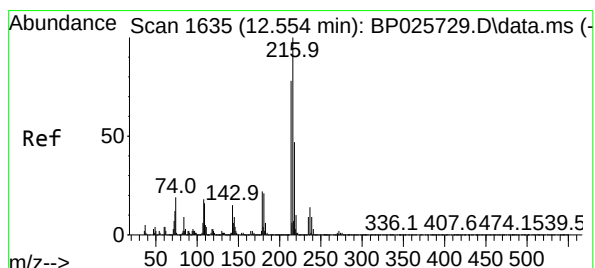
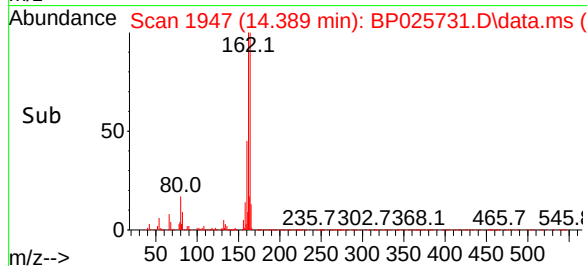
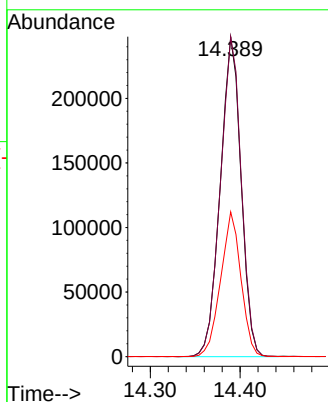
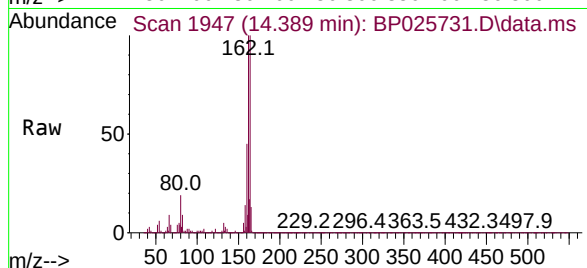
Tgt Ion:164 Resp: 399973

Ion Ratio Lower Upper

164 100

162 100.2 80.6 120.8

160 45.4 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 59.814 ng

RT: 12.560 min Scan# 1636

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Tgt Ion:216 Resp: 724963

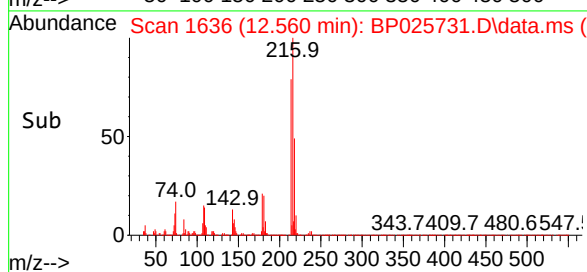
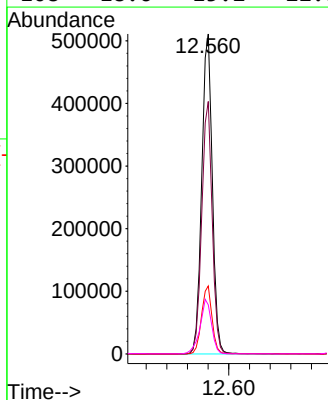
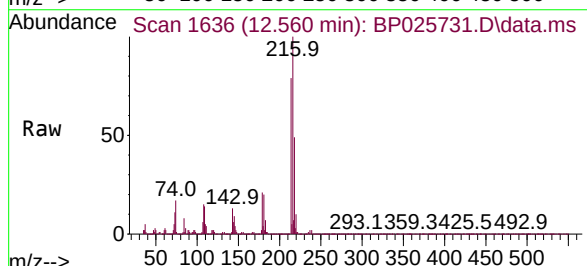
Ion Ratio Lower Upper

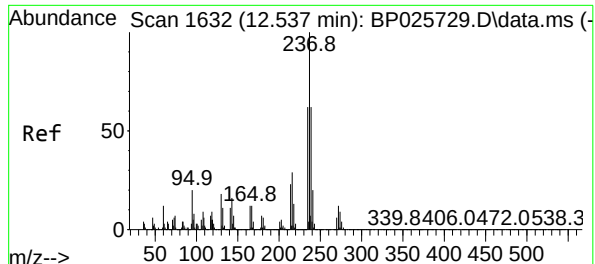
216 100

214 77.9 62.4 93.6

179 21.1 17.0 25.6

108 18.6 15.2 22.8

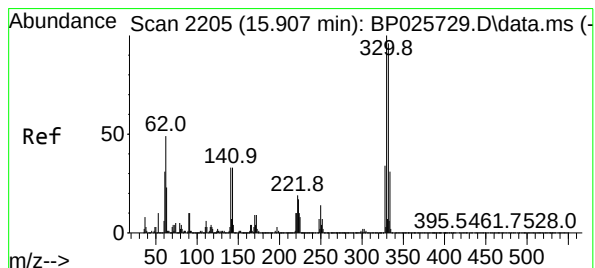
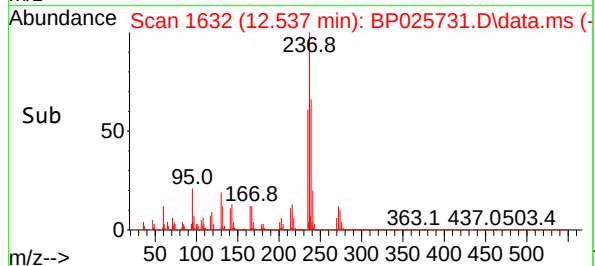
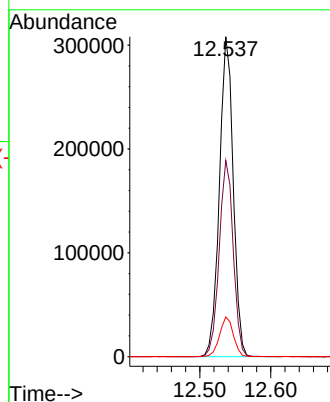
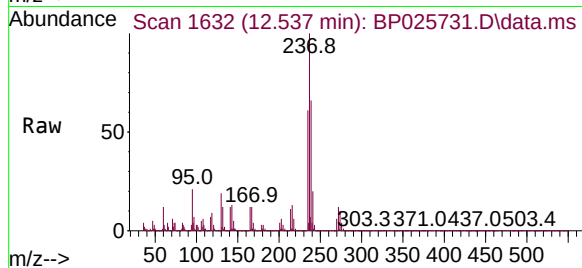




#41
Hexachlorocyclopentadiene
Concen: 63.104 ng
RT: 12.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

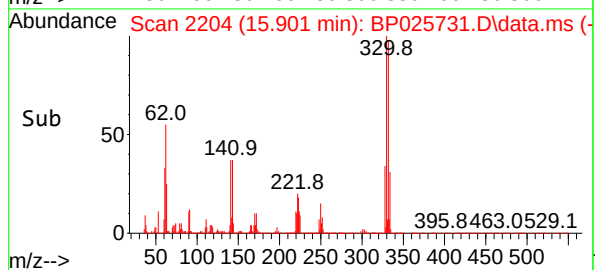
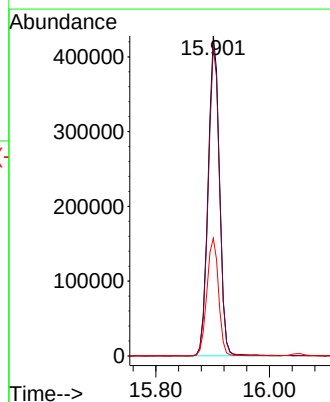
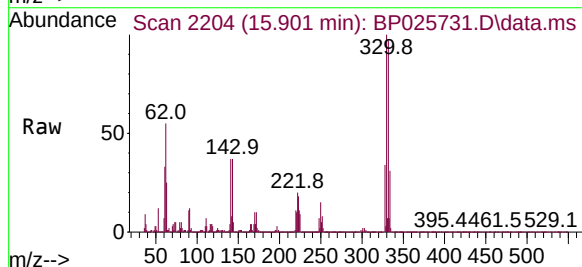
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

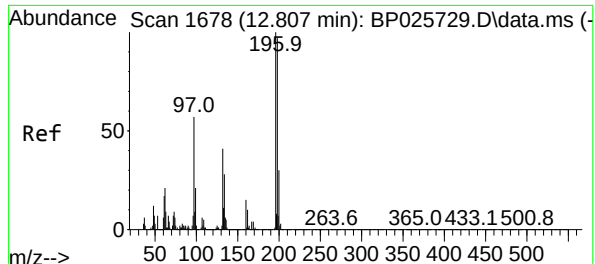
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.3	41.9	81.9
272	12.4	0.0	31.8



#42
2,4,6-Tribromophenol
Concen: 119.643 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	37.5	31.0	46.4





#43

2,4,6-Trichlorophenol

Concen: 61.525 ng

RT: 12.807 min Scan# 1678

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

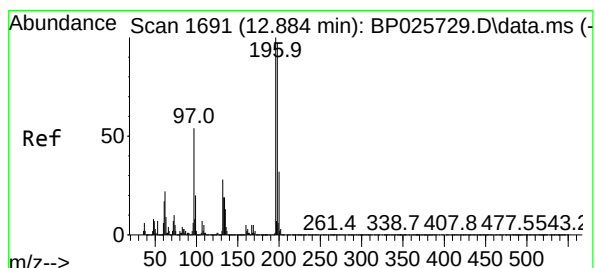
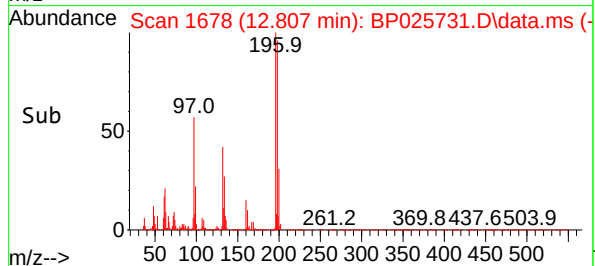
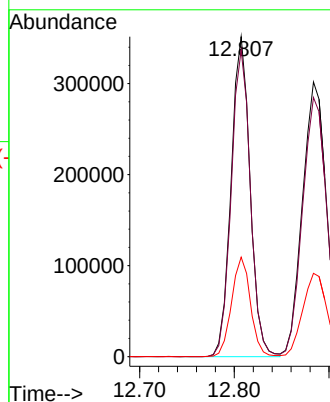
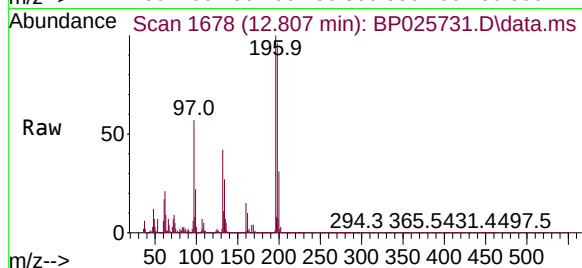
Tgt Ion:196 Resp: 490224

Ion Ratio Lower Upper

196 100

198 95.8 77.2 115.8

200 31.1 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 61.887 ng

RT: 12.884 min Scan# 1691

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Tgt Ion:196 Resp: 548795

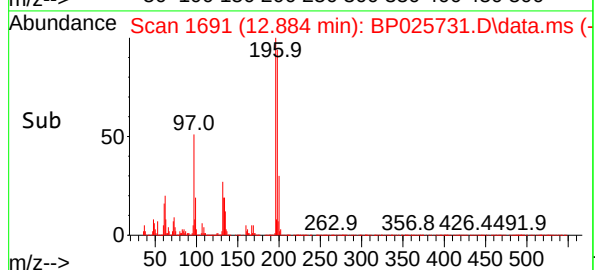
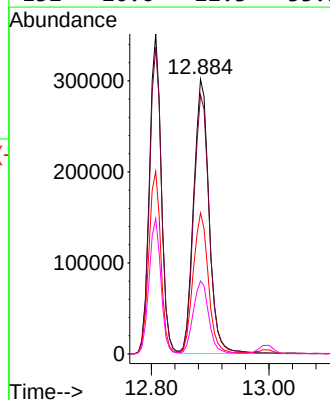
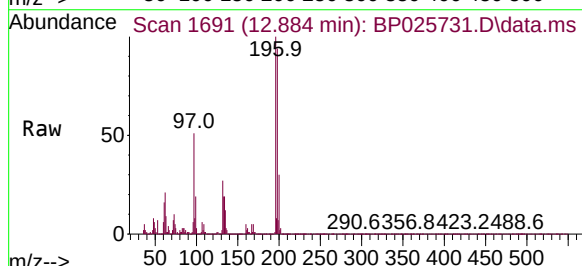
Ion Ratio Lower Upper

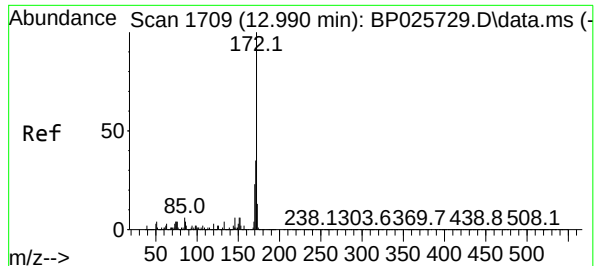
196 100

198 94.4 77.8 116.8

97 51.3 43.3 64.9

132 26.6 22.3 33.5

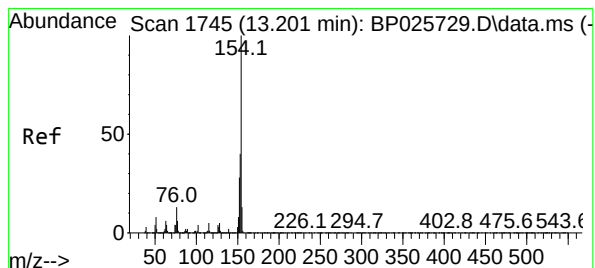
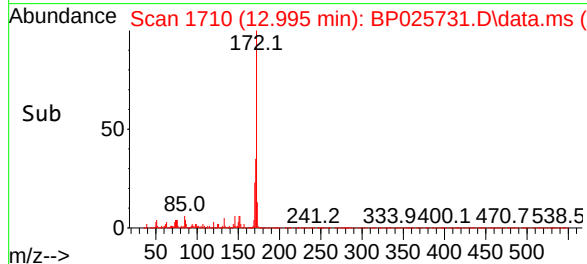
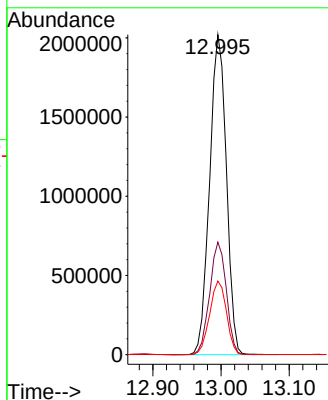
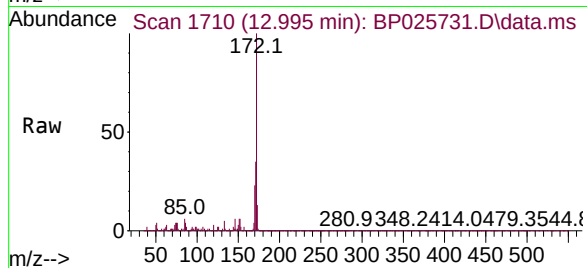




#45
2-Fluorobiphenyl
Concen: 114.546 ng
RT: 12.995 min Scan# 1709
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

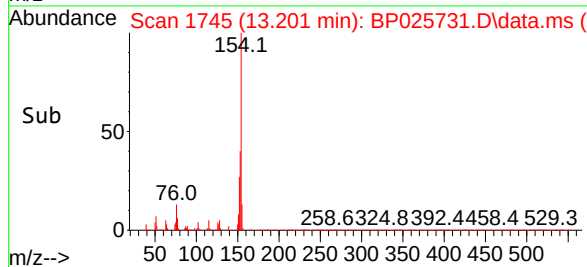
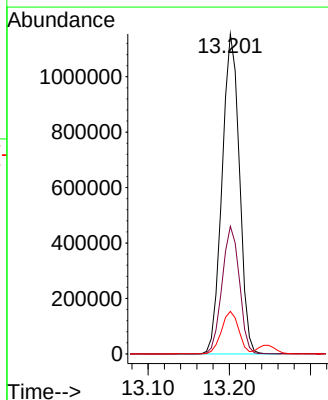
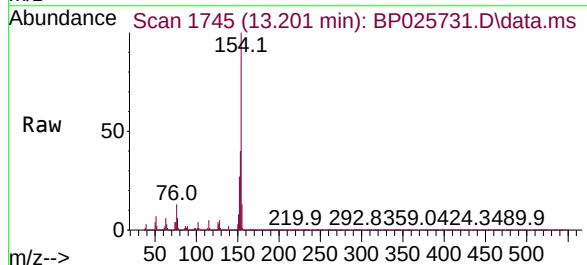
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

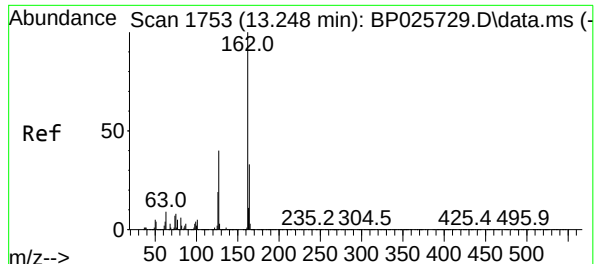
Tgt Ion:172 Resp: 3440852
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 23.0 18.6 27.8



#46
1,1'-Biphenyl
Concen: 58.250 ng
RT: 13.201 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:154 Resp: 1710115
Ion Ratio Lower Upper
154 100
153 39.9 19.7 59.7
76 13.3 0.0 33.3

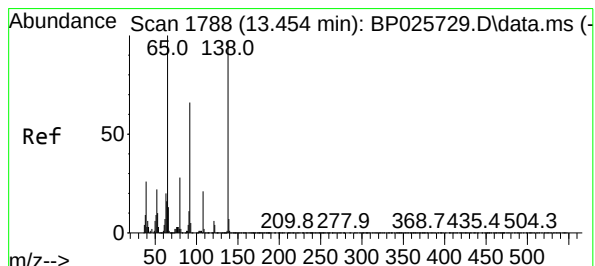
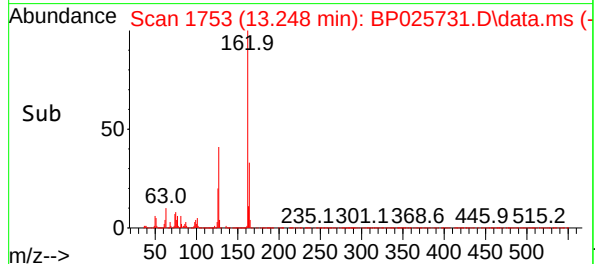
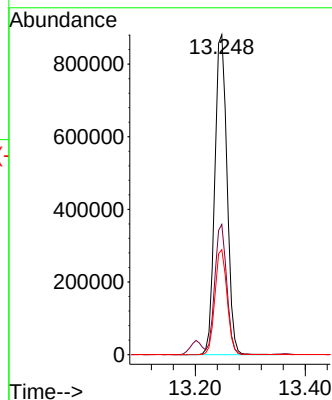
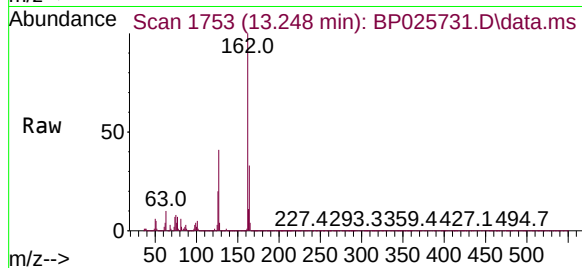




#47
2-Chloronaphthalene
Concen: 58.754 ng
RT: 13.248 min Scan# 1753
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

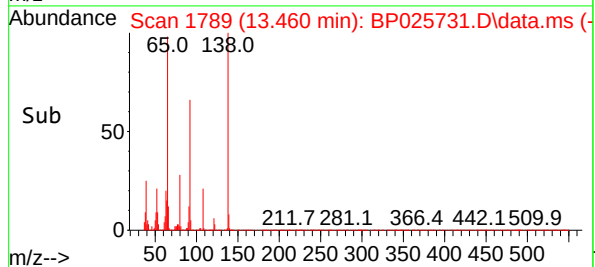
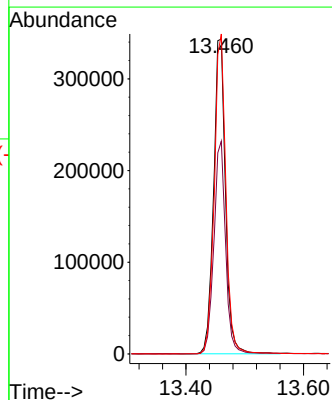
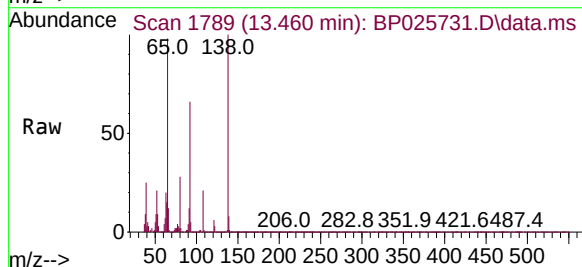
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

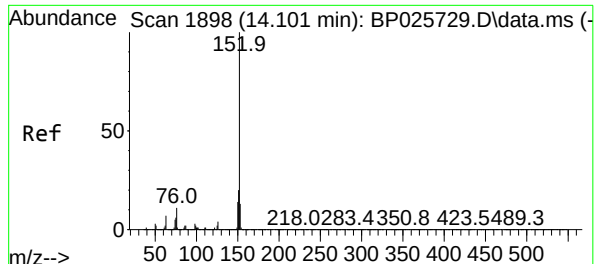
Tgt Ion:162 Resp: 1358189
Ion Ratio Lower Upper
162 100
127 40.7 32.2 48.4
164 32.8 26.5 39.7



#48
2-Nitroaniline
Concen: 62.541 ng
RT: 13.460 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion: 65 Resp: 481928
Ion Ratio Lower Upper
65 100
92 67.6 53.1 79.7
138 101.6 77.8 116.8





#49

Acenaphthylene

Concen: 58.613 ng

RT: 14.113 min Scan# 1900

Delta R.T. 0.012 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

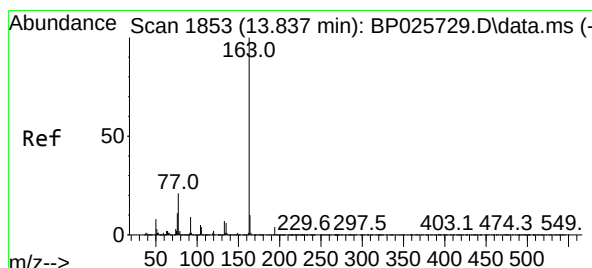
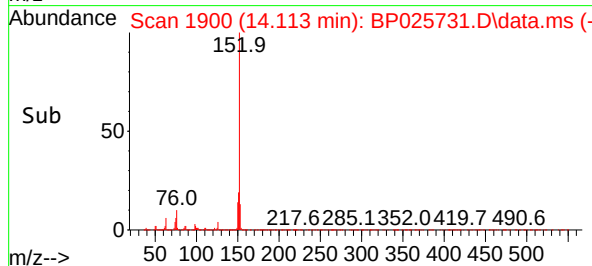
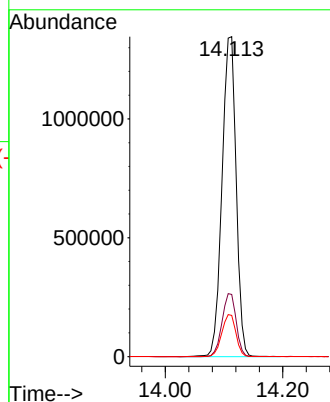
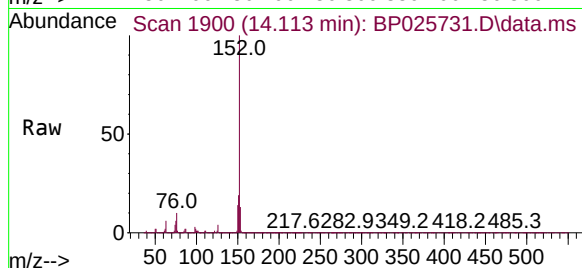
Tgt Ion:152 Resp: 2244987

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.6

153 12.9 10.5 15.7



#50

Dimethylphthalate

Concen: 56.838 ng

RT: 13.836 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

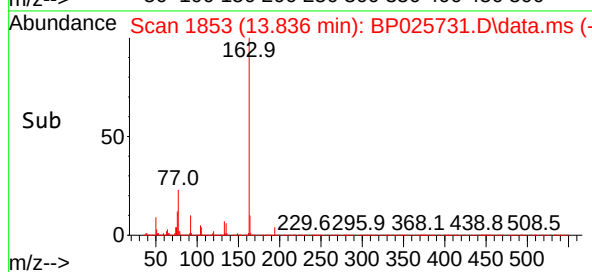
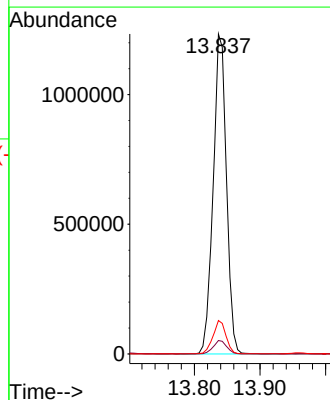
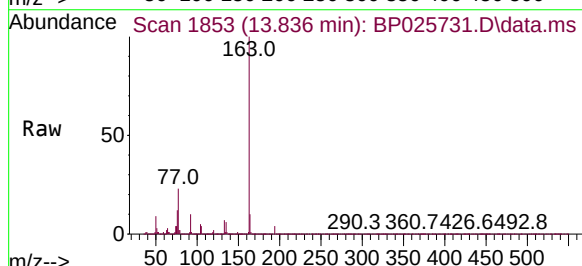
Tgt Ion:163 Resp: 1735637

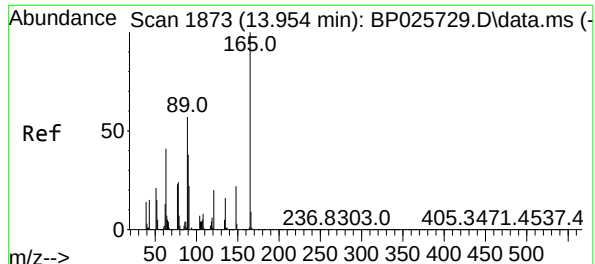
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.4 8.2 12.2

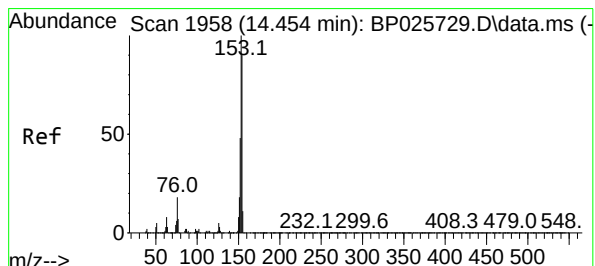
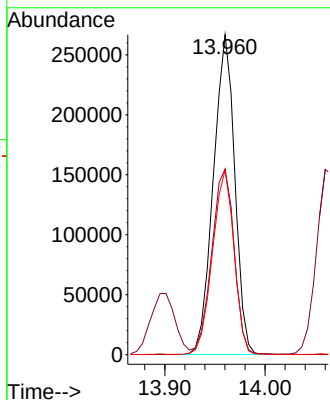
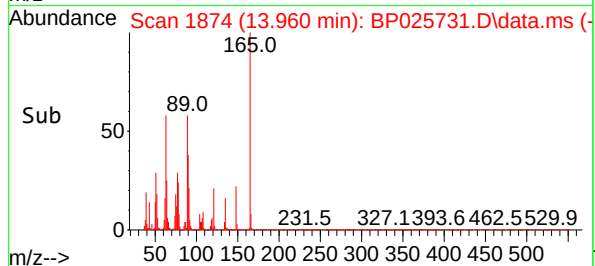
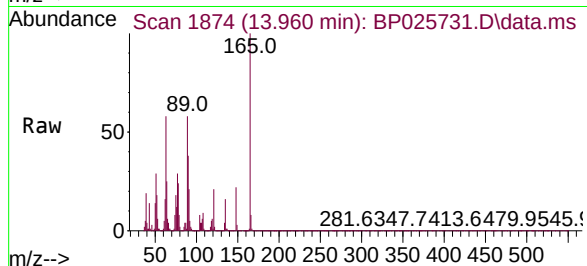




#51
2,6-Dinitrotoluene
Concen: 61.166 ng
RT: 13.960 min Scan# 1873
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

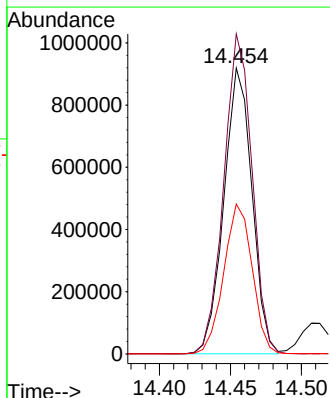
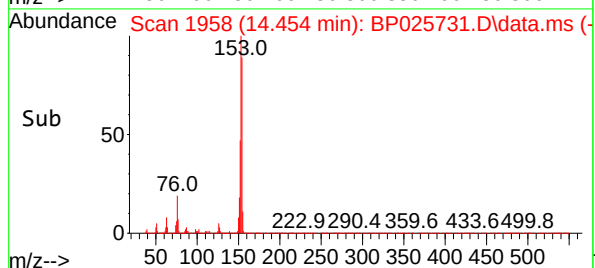
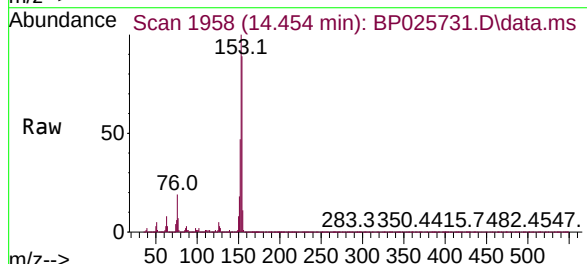
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

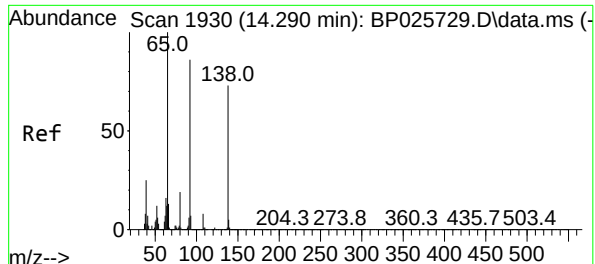
Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.0	48.1	72.1
89	57.7	45.4	68.0



#52
Acenaphthene
Concen: 57.334 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.4	134.0
152	52.4	42.5	63.7

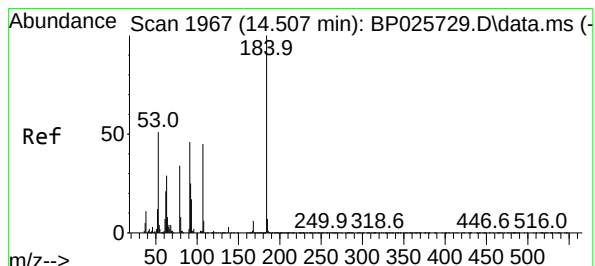
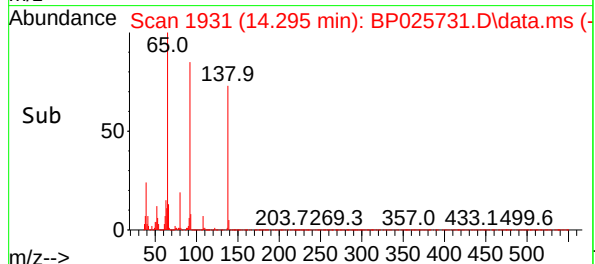
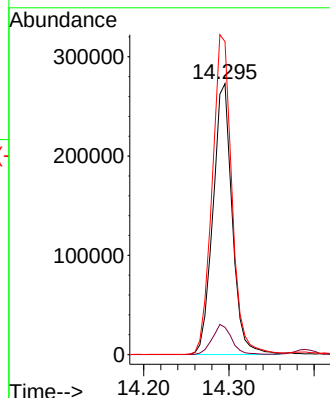
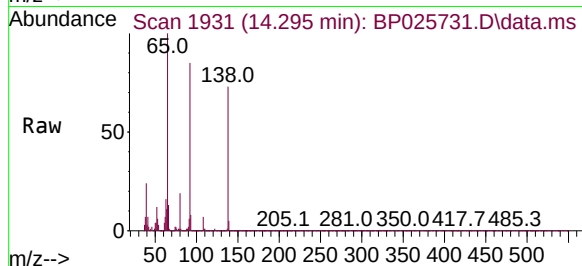




#53
3-Nitroaniline
Concen: 62.976 ng
RT: 14.295 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

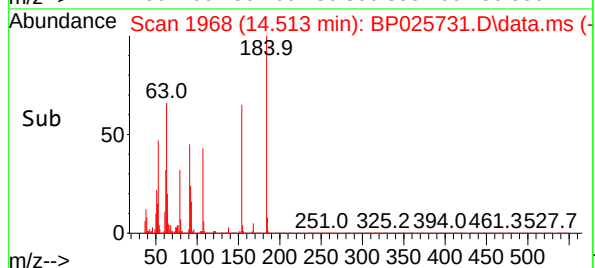
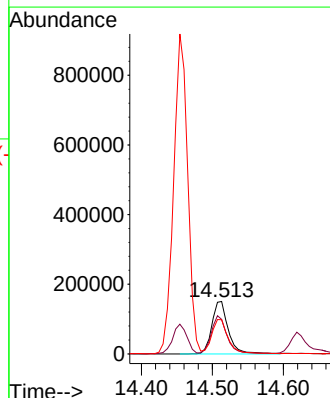
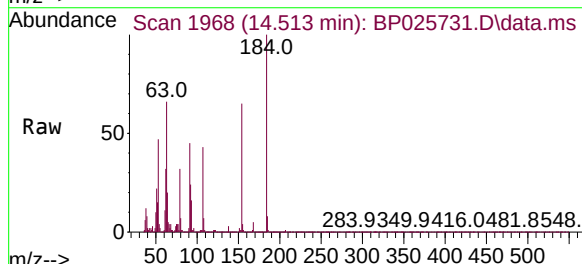
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

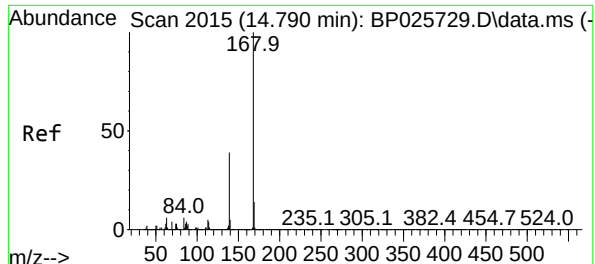
Tgt Ion:138 Resp: 428446
Ion Ratio Lower Upper
138 100
108 10.1 8.7 13.1
92 115.5 94.6 142.0



#54
2,4-Dinitrophenol
Concen: 58.695 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:184 Resp: 241144
Ion Ratio Lower Upper
184 100
63 66.0 52.5 78.7
154 65.2 51.5 77.3

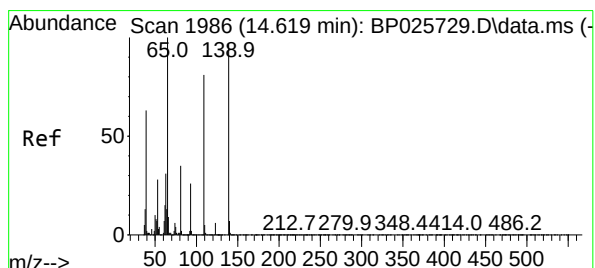
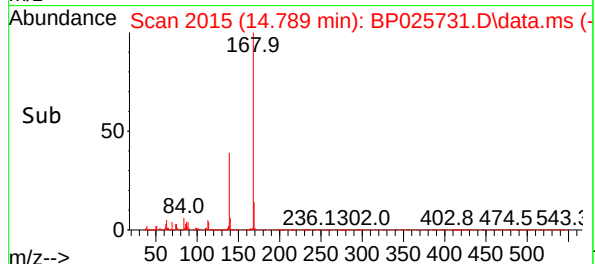
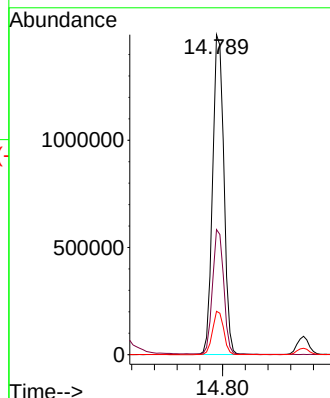
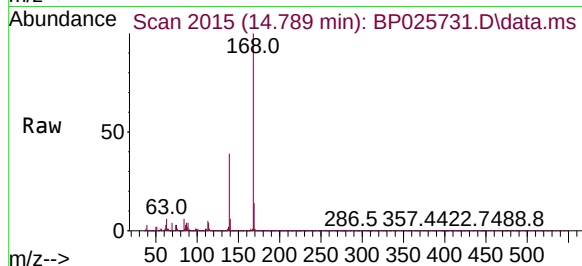




#55
Dibenzofuran
Concen: 57.280 ng
RT: 14.789 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

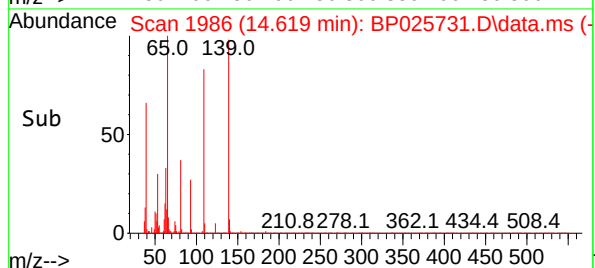
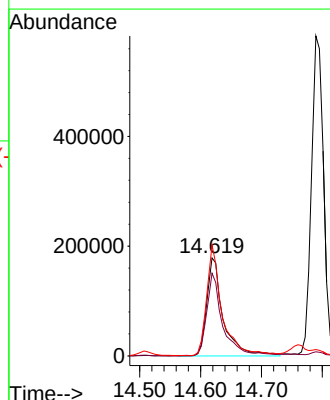
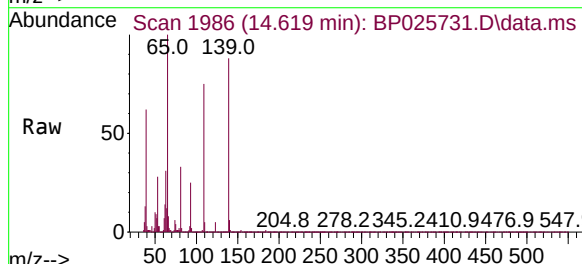
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

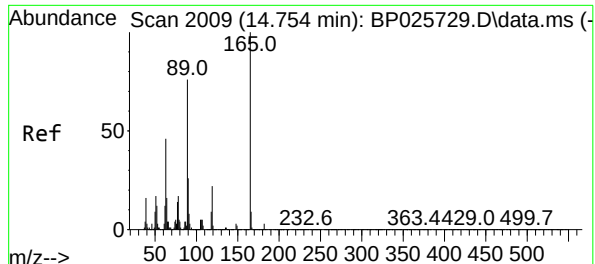
Tgt Ion:168 Resp: 2062085
Ion Ratio Lower Upper
168 100
139 39.1 31.7 47.5
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 58.606 ng
RT: 14.619 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:139 Resp: 335924
Ion Ratio Lower Upper
139 100
109 84.3 62.9 102.9
65 113.1 83.4 123.4

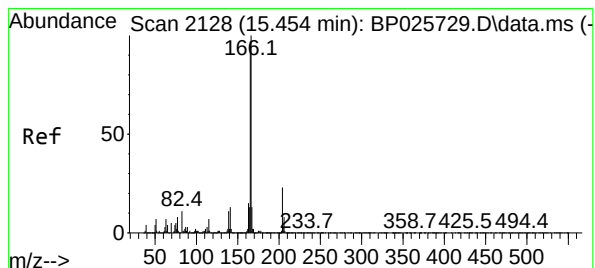
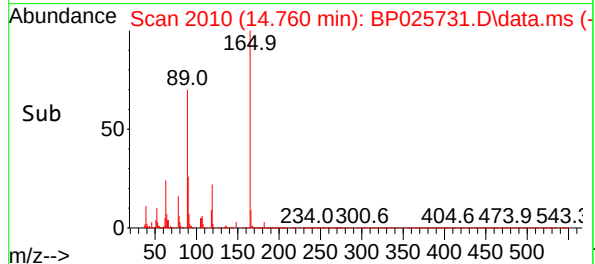
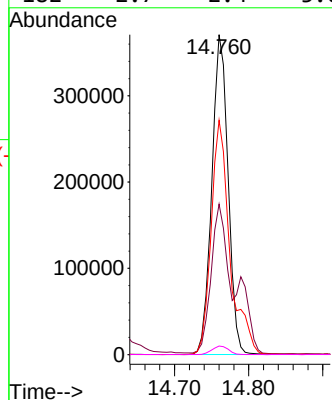
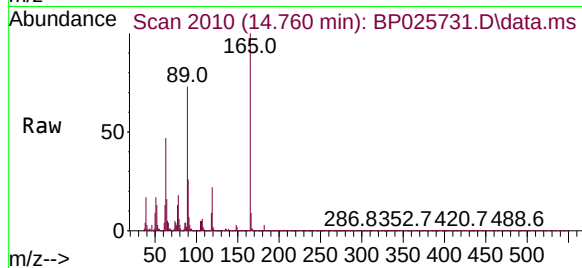




#57
2,4-Dinitrotoluene
Concen: 61.363 ng
RT: 14.760 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

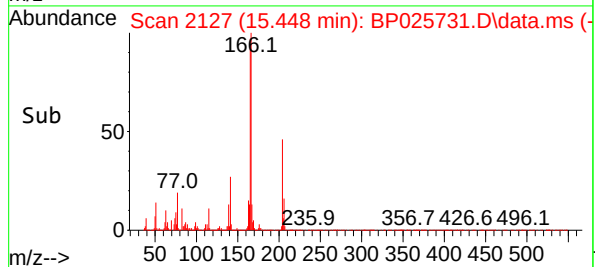
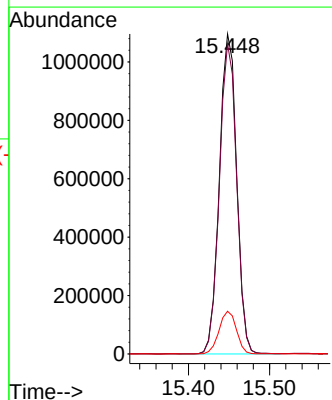
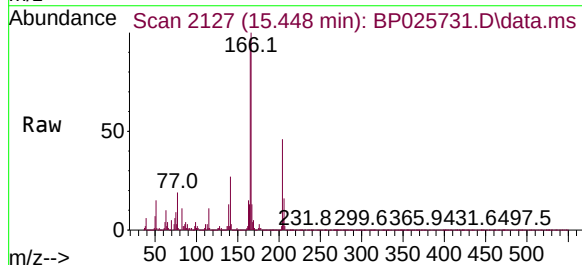
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

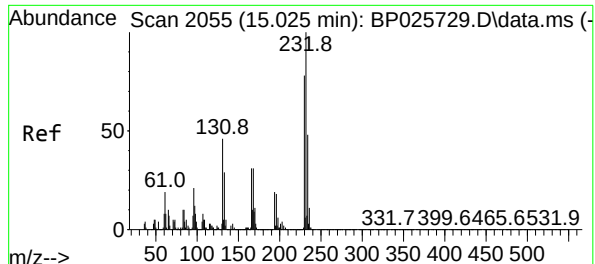
Tgt Ion:165 Resp: 564986
Ion Ratio Lower Upper
165 100
63 47.0 37.7 56.5
89 73.2 61.0 91.6
182 2.7 2.4 3.6



#58
Fluorene
Concen: 56.587 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:166 Resp: 1619859
Ion Ratio Lower Upper
166 100
165 96.9 77.7 116.5
167 13.3 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 59.043 ng

RT: 15.025 min Scan# 2055

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:232 Resp: 471644

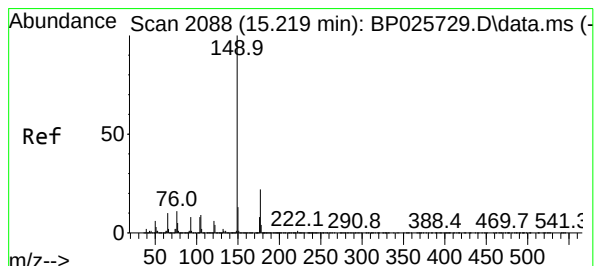
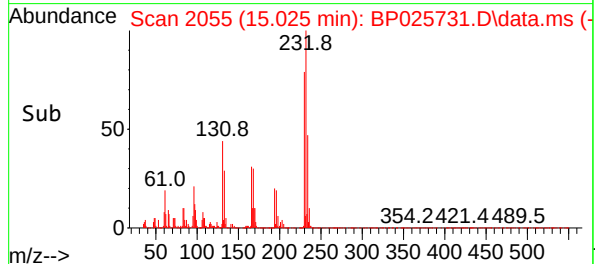
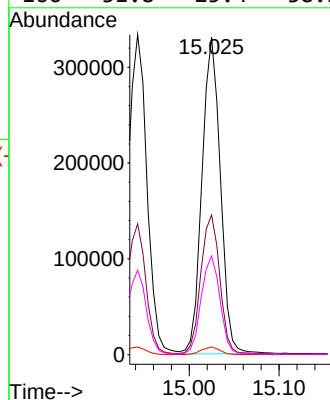
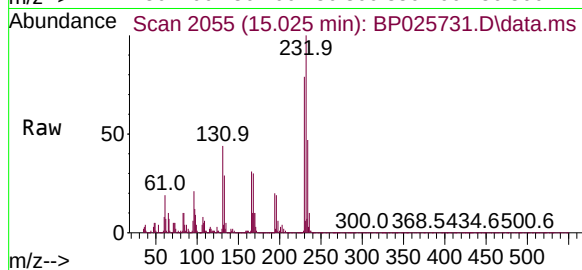
Ion Ratio Lower Upper

232 100

131 45.9 36.7 55.1

130 2.5 2.0 3.0

166 31.8 25.4 38.2



#60

Diethylphthalate

Concen: 57.046 ng

RT: 15.225 min Scan# 2089

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

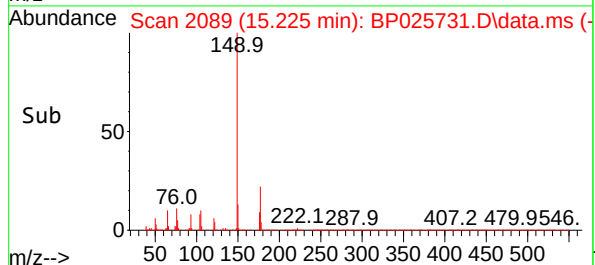
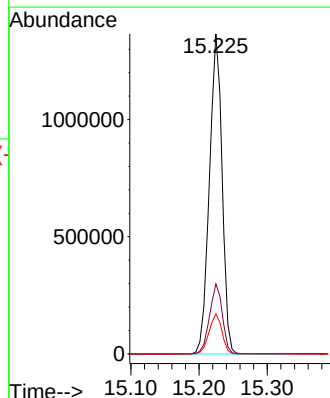
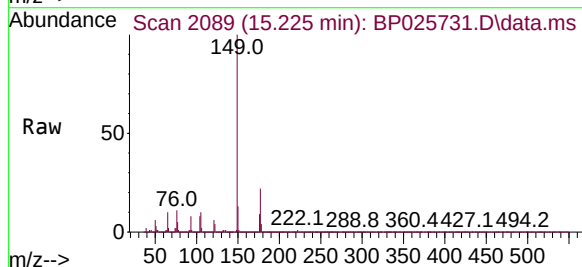
Tgt Ion:149 Resp: 1767001

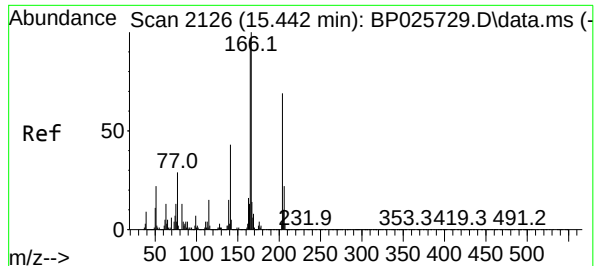
Ion Ratio Lower Upper

149 100

177 21.8 17.7 26.5

150 12.5 10.0 15.0

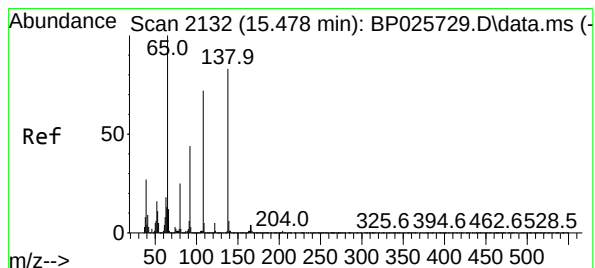
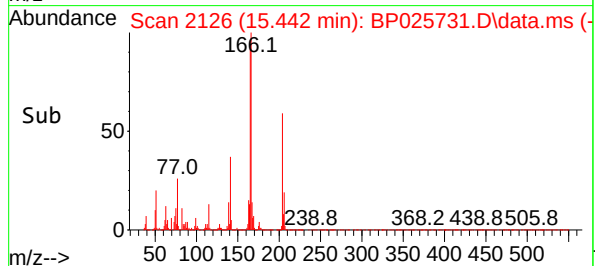
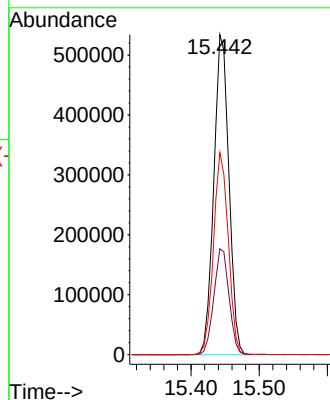
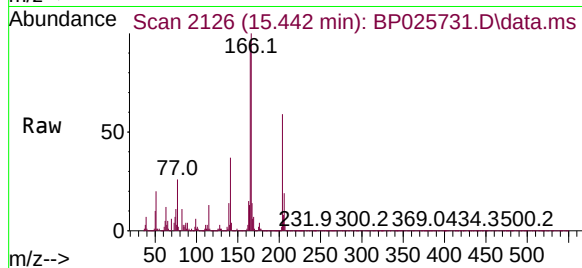




#61
4-Chlorophenyl-phenylether
Concen: 56.642 ng
RT: 15.442 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

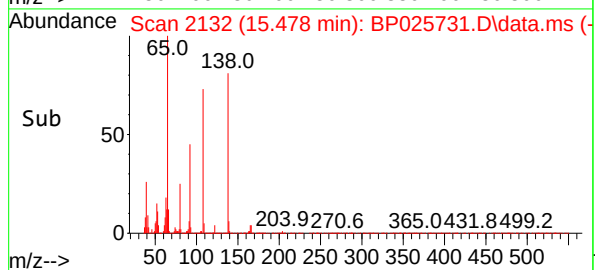
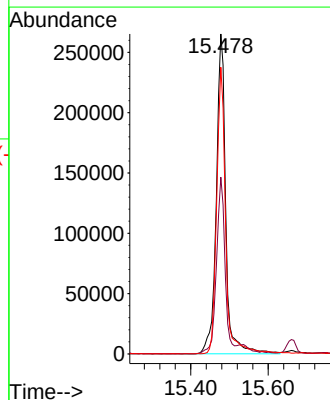
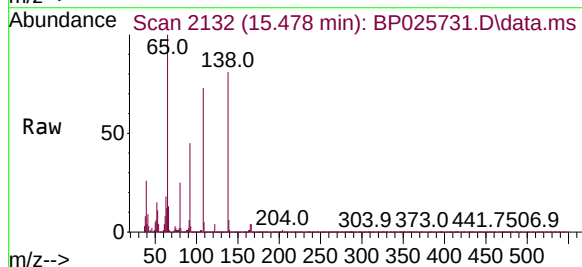
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

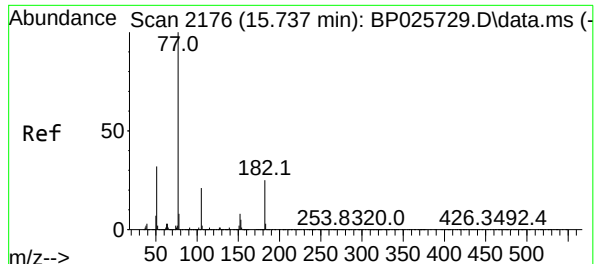
Tgt Ion:204 Resp: 817173
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 63.1 49.7 74.5



#62
4-Nitroaniline
Concen: 64.802 ng
RT: 15.478 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:138 Resp: 451315
Ion Ratio Lower Upper
138 100
92 55.2 33.3 73.3
108 89.6 66.7 106.7

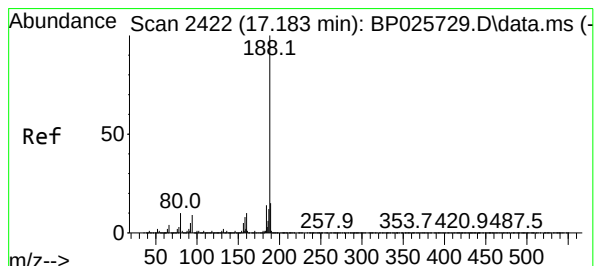
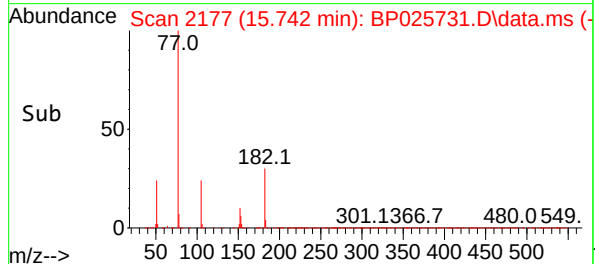
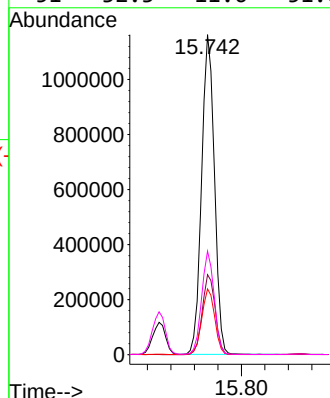
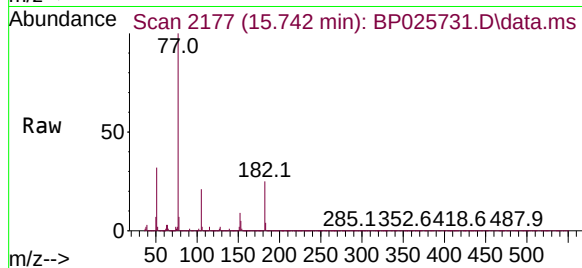




#63
Azobenzene
Concen: 58.817 ng
RT: 15.742 min Scan# 2176
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

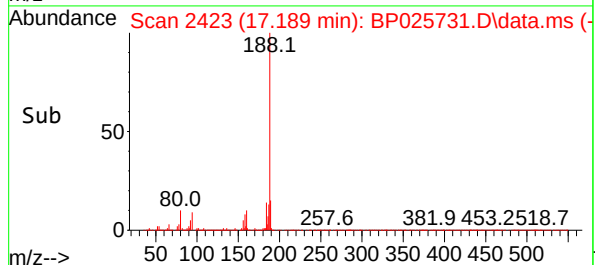
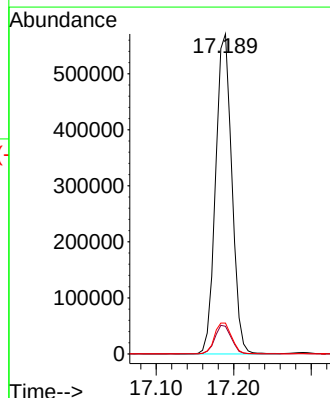
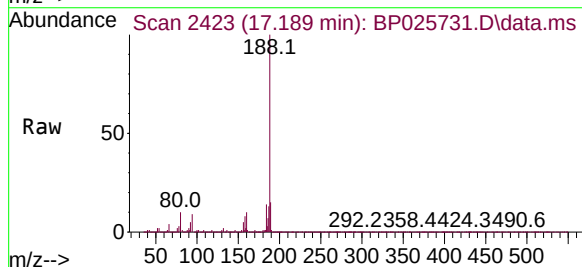
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

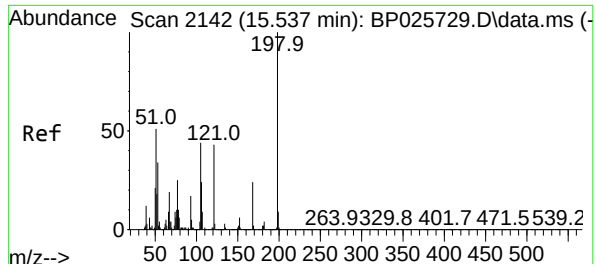
Tgt Ion: 77 Resp: 1761607
Ion Ratio Lower Upper
77 100
182 25.0 5.2 45.2
105 20.5 1.1 41.1
51 32.3 11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion: 188 Resp: 829072
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.0
80 9.6 7.7 11.5

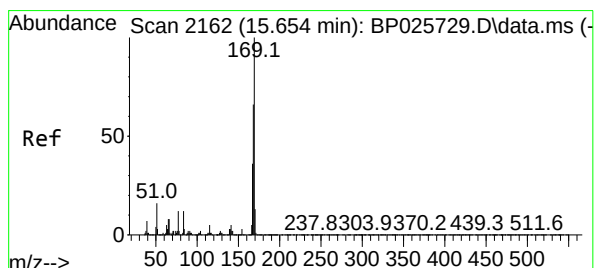
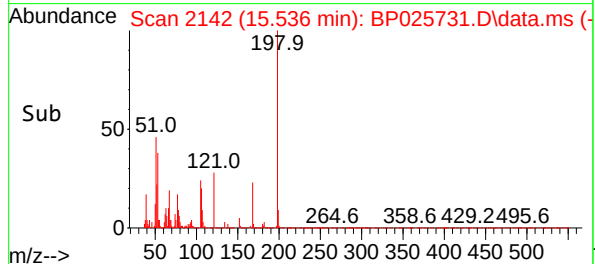
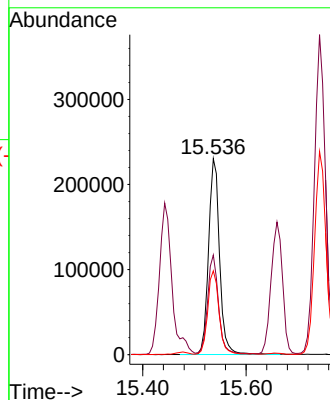
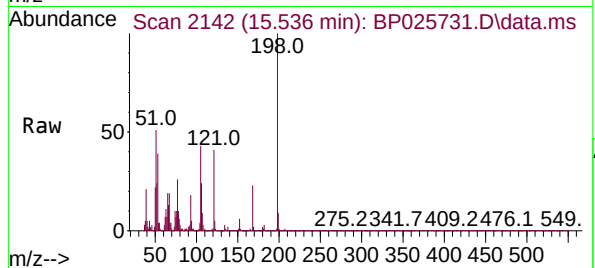




#65
4,6-Dinitro-2-methylphenol
Concen: 61.918 ng
RT: 15.536 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

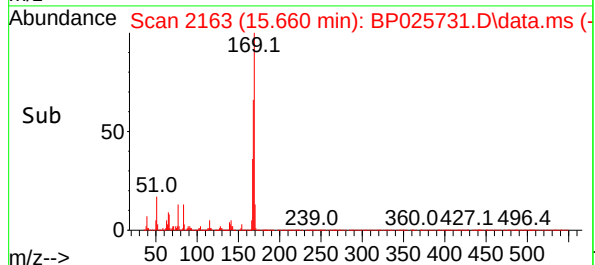
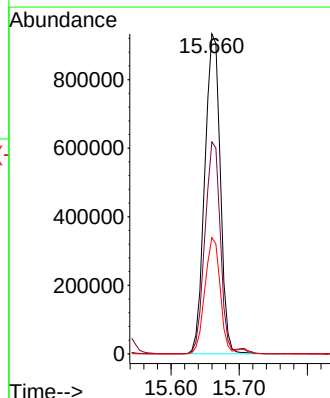
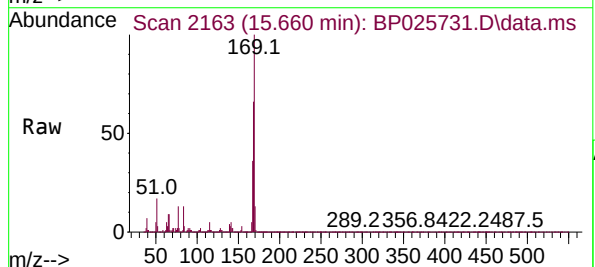
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

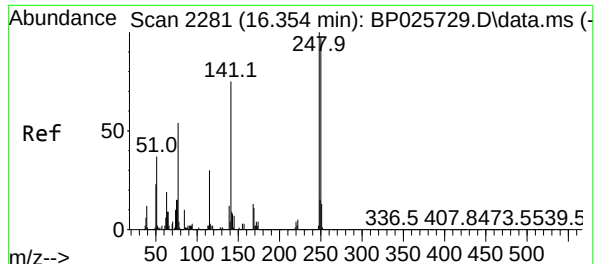
Tgt Ion:198 Resp: 341390
Ion Ratio Lower Upper
198 100
51 50.8 33.4 73.4
105 42.7 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 58.214 ng
RT: 15.660 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:169 Resp: 1476982
Ion Ratio Lower Upper
169 100
168 66.2 52.6 78.8
167 36.3 28.5 42.7

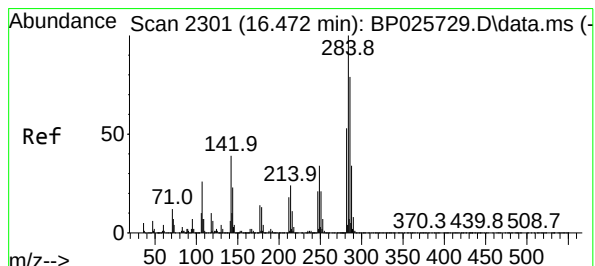
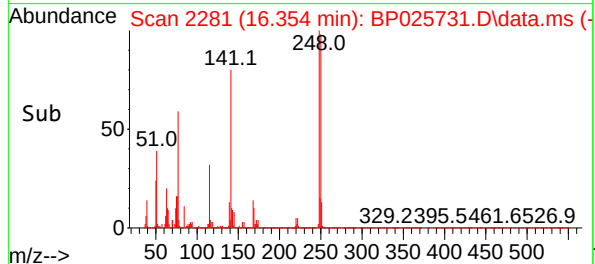
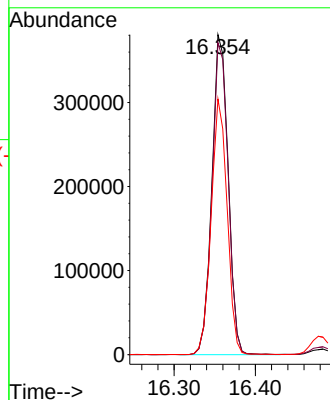
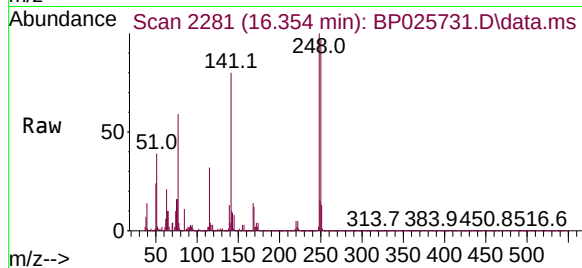




#67
4-Bromophenyl-phenylether
Concen: 58.285 ng
RT: 16.354 min Scan# 2281
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

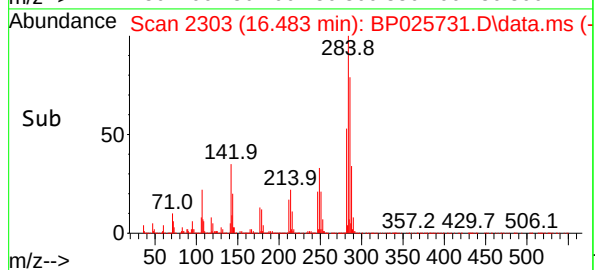
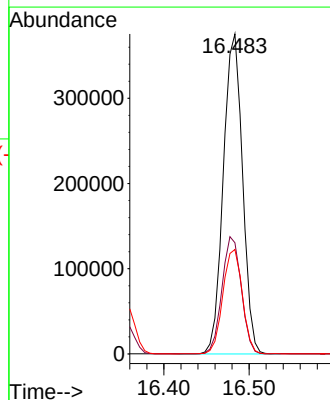
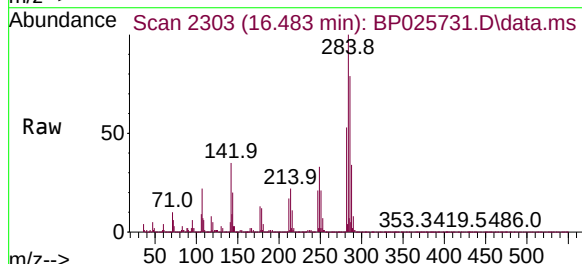
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

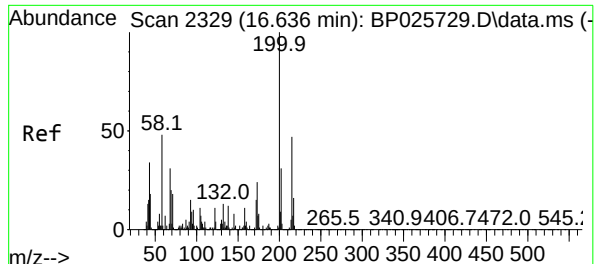
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.5	116.3
141	79.9	60.2	90.4



#68
Hexachlorobenzene
Concen: 57.781 ng
RT: 16.483 min Scan# 2303
Delta R.T. 0.012 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	31.3	46.9
249	32.6	27.3	40.9

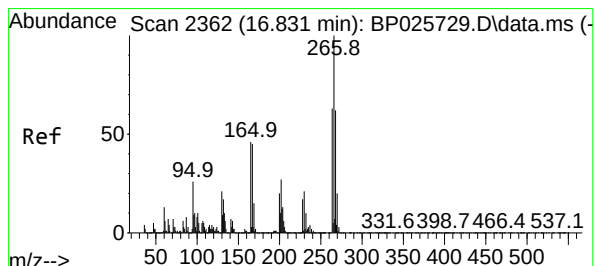
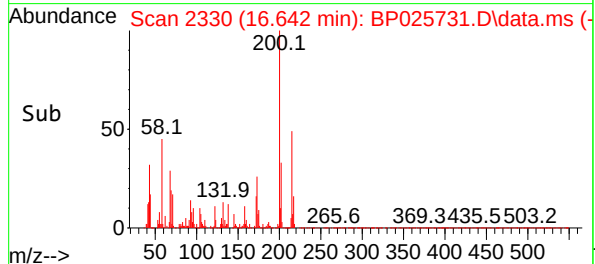
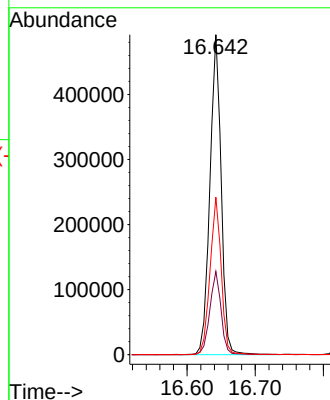
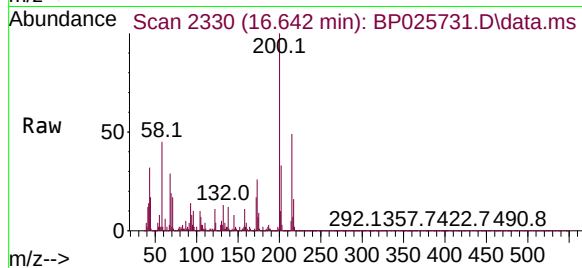




#69
Atrazine
Concen: 58.112 ng
RT: 16.642 min Scan# 2330
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

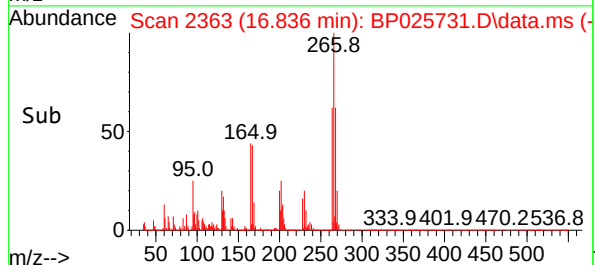
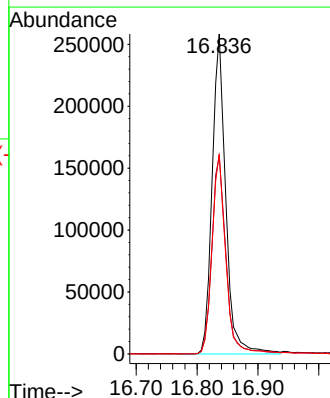
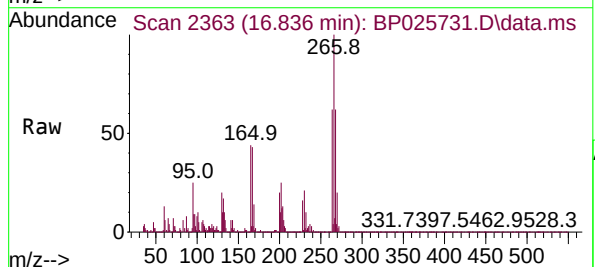
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

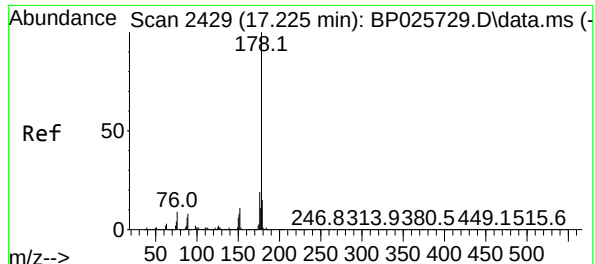
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.0	4.2	44.2
215	49.2	27.3	67.3



#70
Pentachlorophenol
Concen: 59.795 ng
RT: 16.836 min Scan# 2363
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	49.8	74.8
264	62.5	50.2	75.2

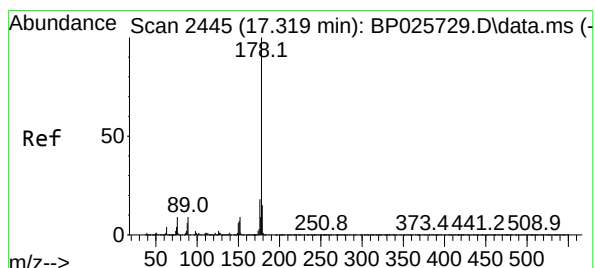
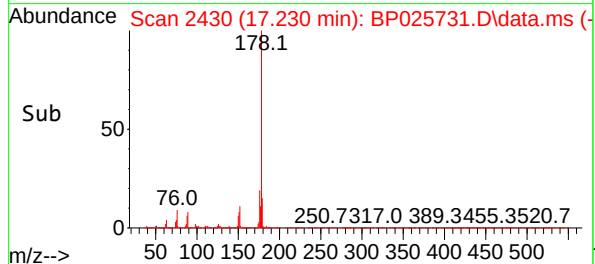
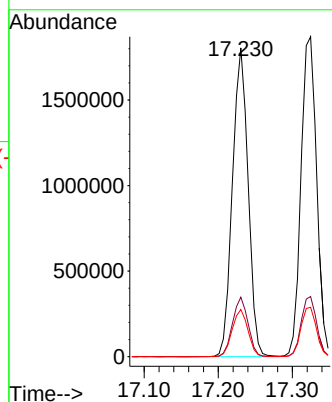
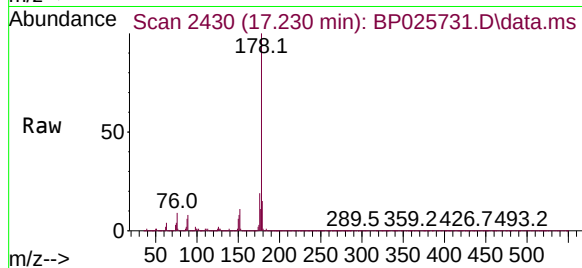




#71
Phenanthrene
Concen: 56.316 ng
RT: 17.230 min Scan# 2429
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

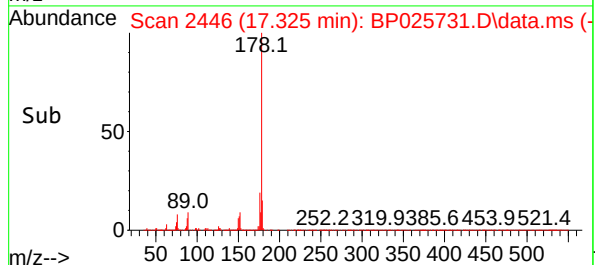
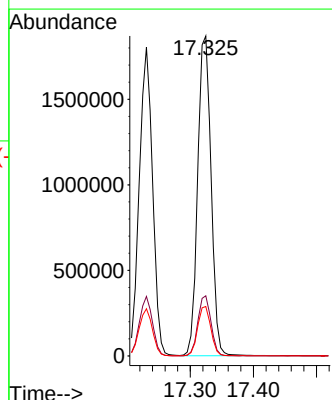
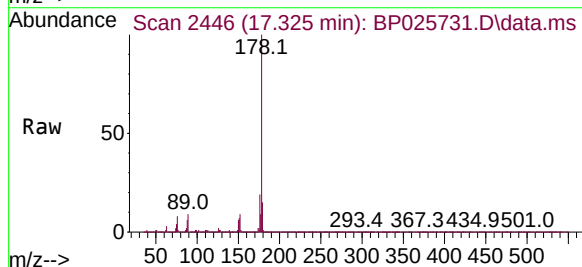
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

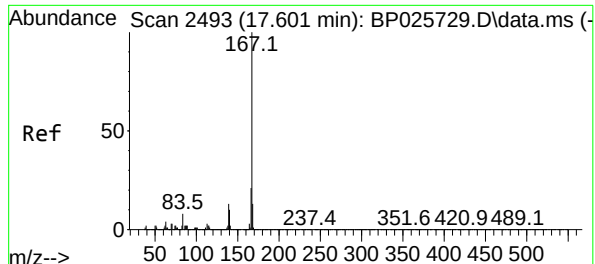
Tgt Ion:178 Resp: 2648539
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.3 12.2 18.4



#72
Anthracene
Concen: 57.710 ng
RT: 17.325 min Scan# 2446
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:178 Resp: 2753779
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.4 12.2 18.4

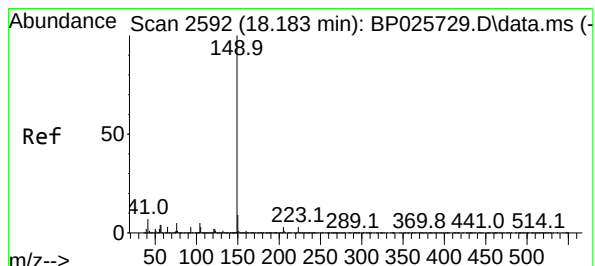
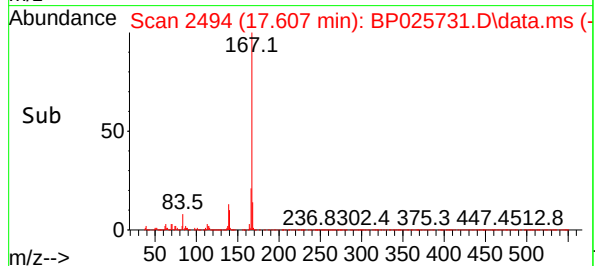
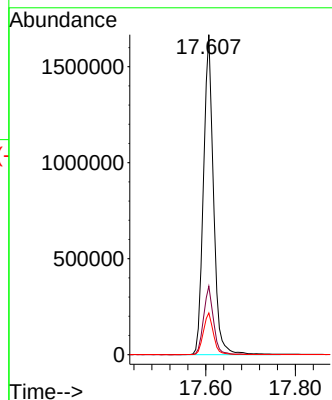
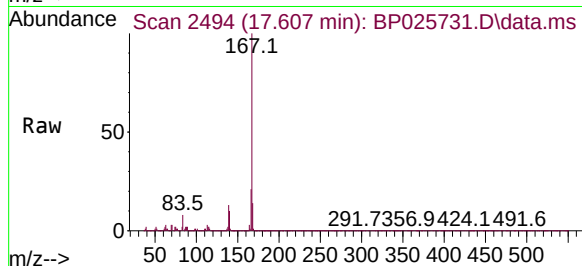




#73
Carbazole
Concen: 58.177 ng
RT: 17.607 min Scan# 2493
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

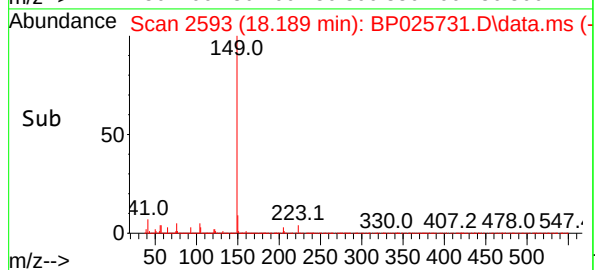
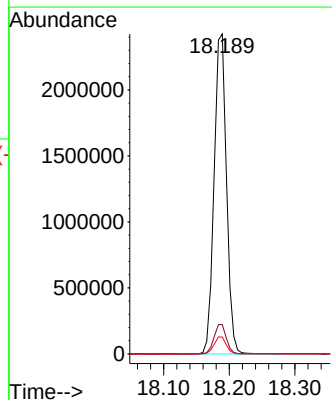
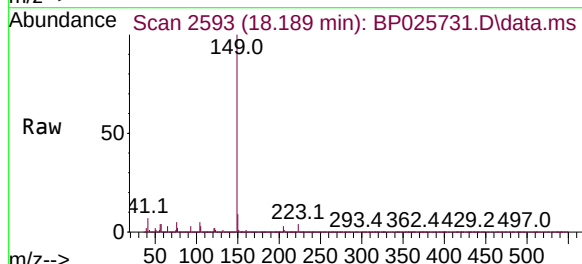
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

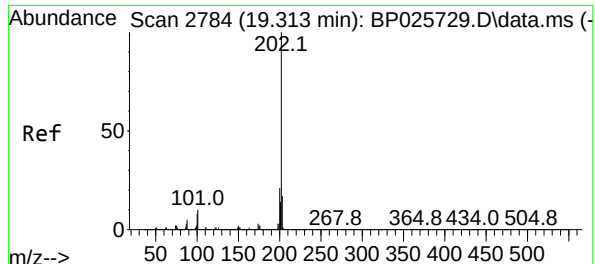
Tgt Ion:167 Resp: 2580907
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.4
139 13.0 10.6 16.0



#74
Di-n-butylphthalate
Concen: 58.542 ng
RT: 18.189 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:149 Resp: 3187132
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.3 4.3 6.5

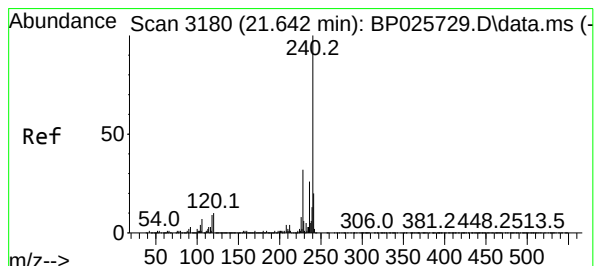
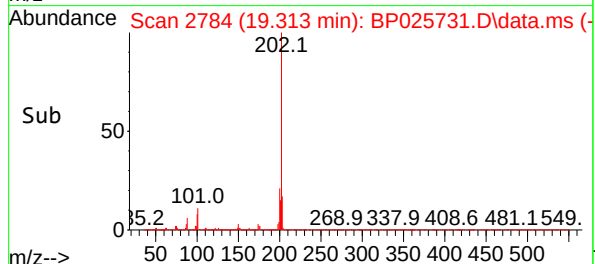
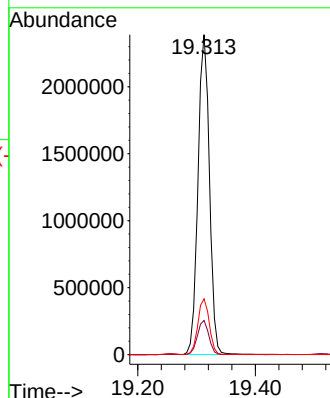
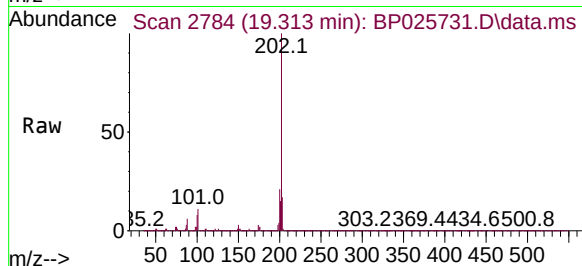




#75
Fluoranthene
Concen: 57.034 ng
RT: 19.313 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

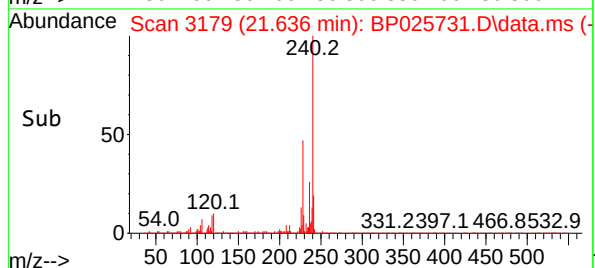
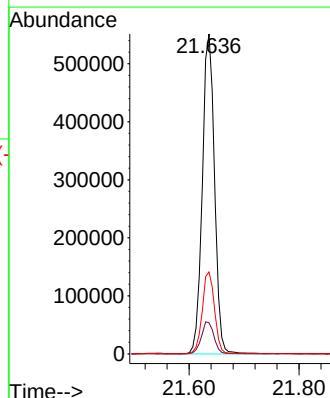
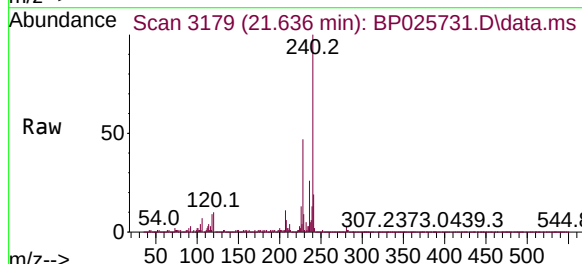
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

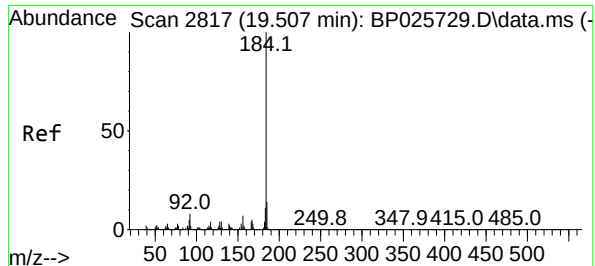
Tgt Ion:202 Resp: 3216943
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.4
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:240 Resp: 850069
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 25.6 20.7 31.1





#77

Benzidine

Concen: 60.181 ng

RT: 19.513 min Scan# 2817

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

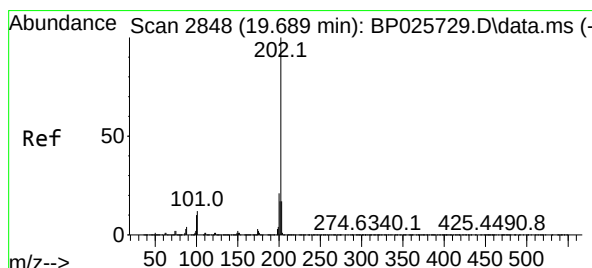
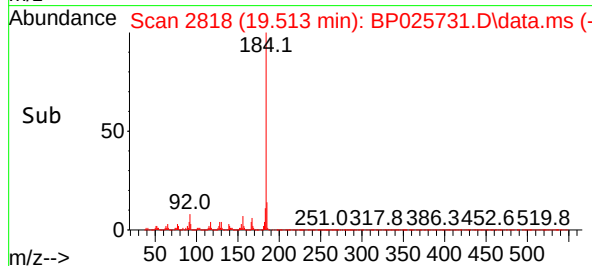
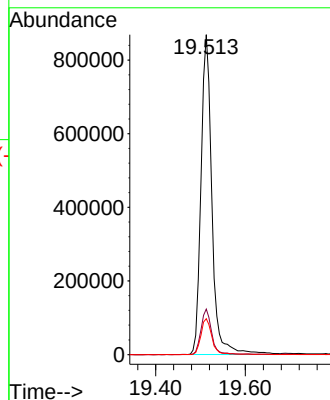
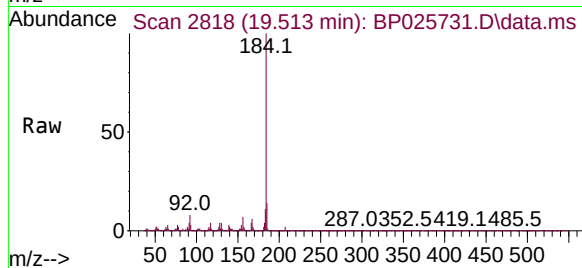
Tgt Ion:184 Resp: 1473612

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

183 11.2 9.2 13.8



#78

Pyrene

Concen: 58.794 ng

RT: 19.689 min Scan# 2848

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

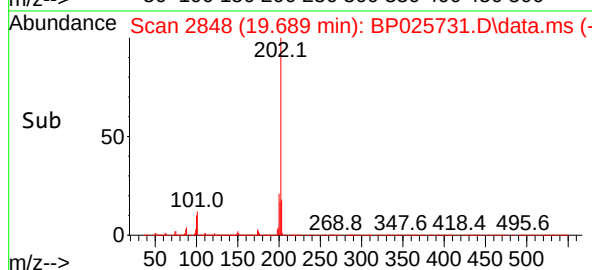
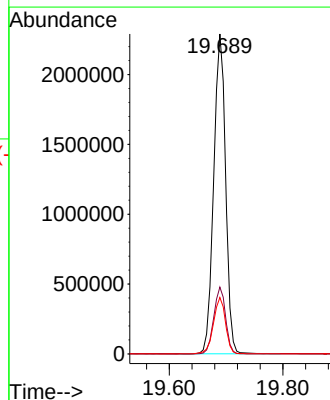
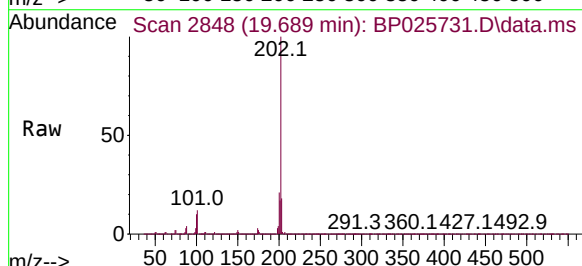
Tgt Ion:202 Resp: 3334872

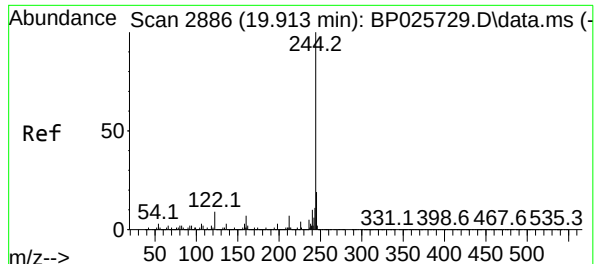
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.6

203 17.6 13.9 20.9

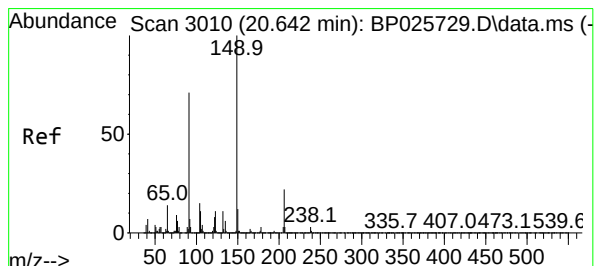
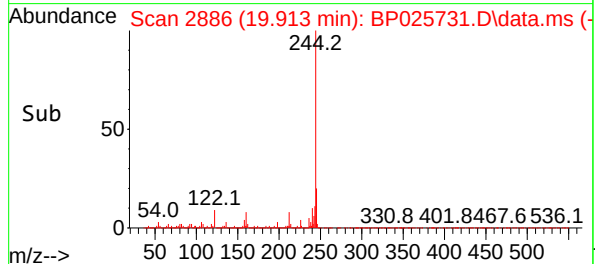
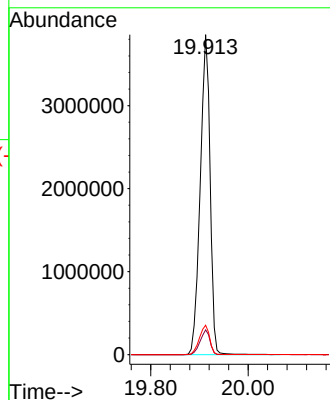
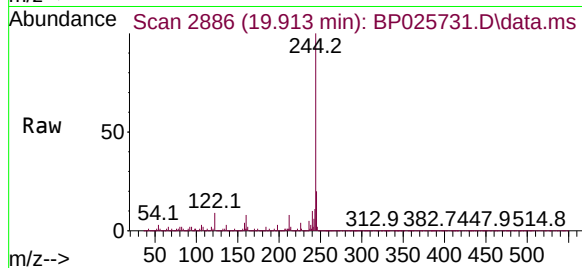




#79
Terphenyl-d14
Concen: 113.763 ng
RT: 19.913 min Scan# 2886
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

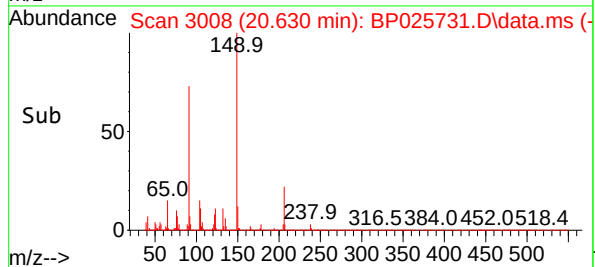
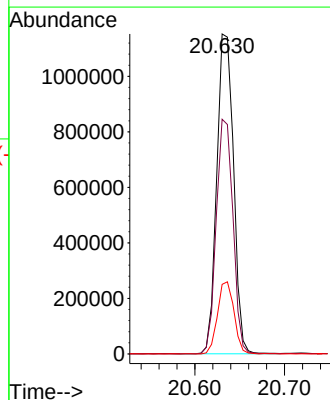
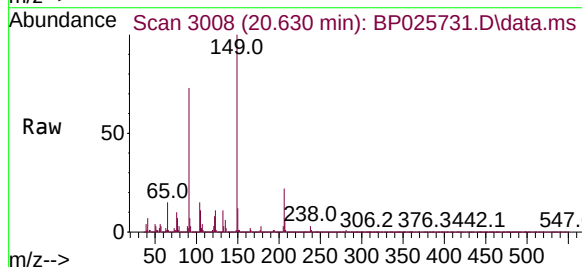
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

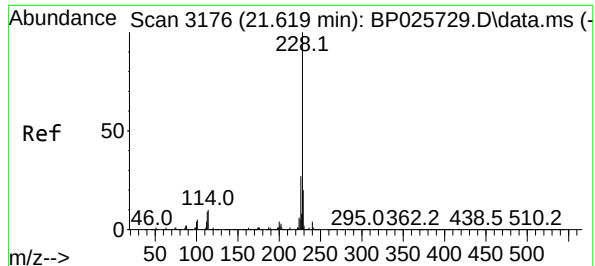
Tgt Ion:244 Resp: 5375608
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 9.2 7.1 10.7



#80
Butylbenzylphthalate
Concen: 60.222 ng
RT: 20.630 min Scan# 3008
Delta R.T. -0.012 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:149 Resp: 1497716
Ion Ratio Lower Upper
149 100
91 73.3 56.6 85.0
206 21.7 17.4 26.0

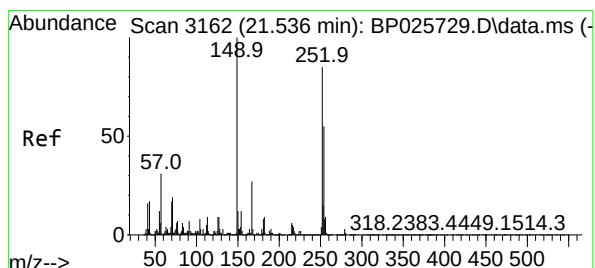
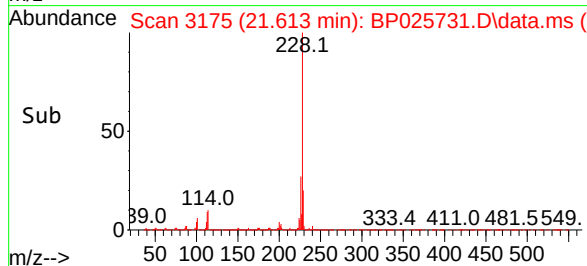
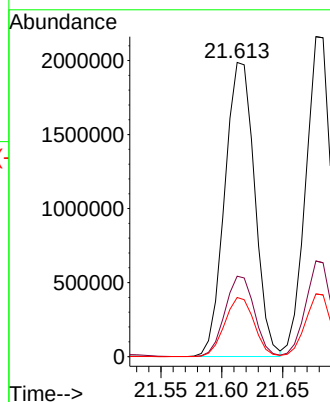
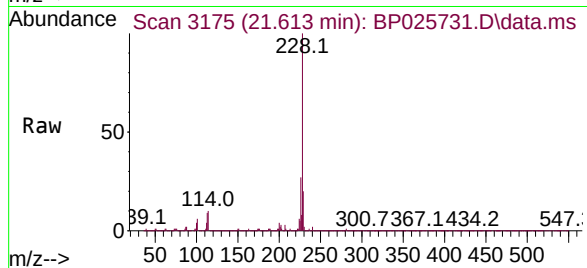




#81
Benzo(a)anthracene
Concen: 58.272 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

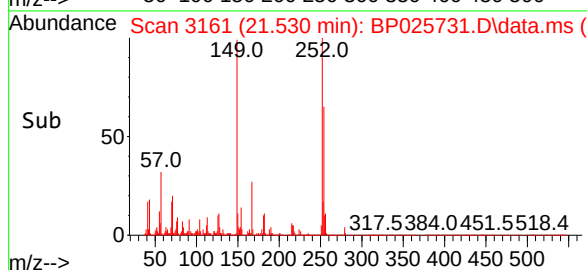
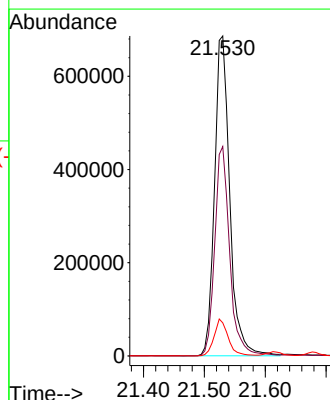
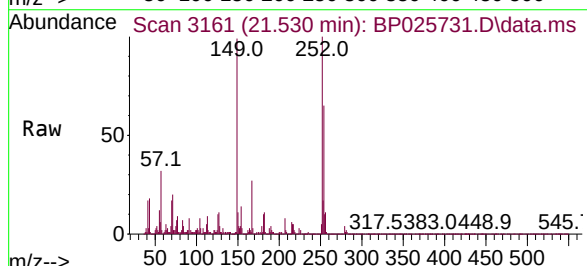
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

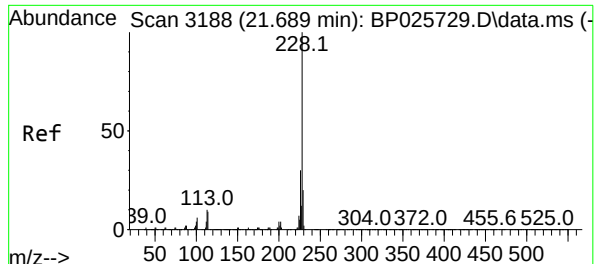
Tgt Ion:228 Resp: 3391233
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 20.1 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 59.308 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:252 Resp: 1193448
Ion Ratio Lower Upper
252 100
254 65.4 51.4 77.0
126 10.3 8.3 12.5

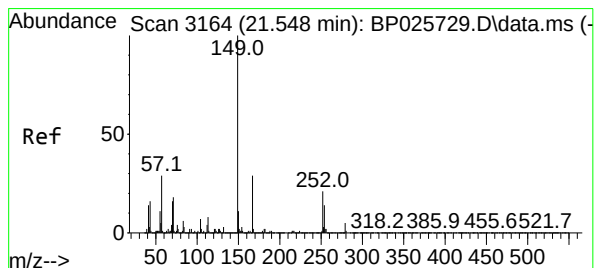
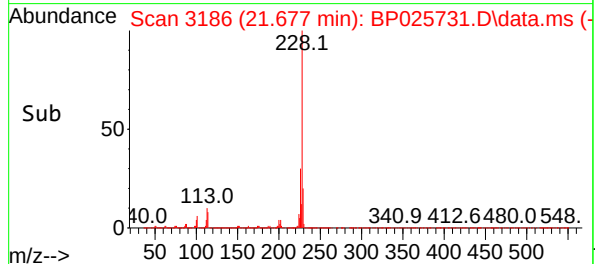
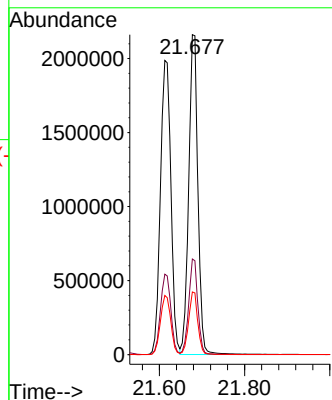
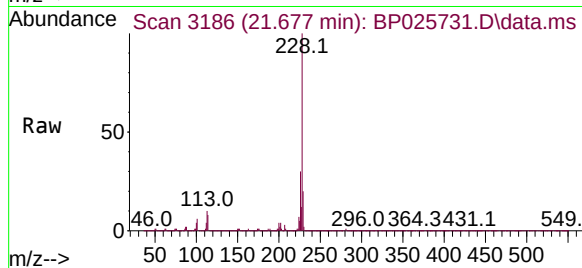




#83
Chrysene
Concen: 58.306 ng
RT: 21.677 min Scan# 3186
Delta R.T. -0.012 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

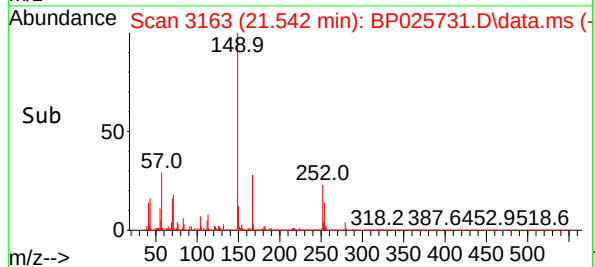
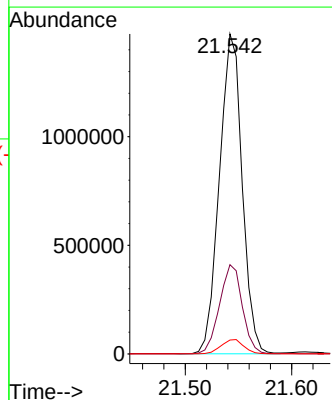
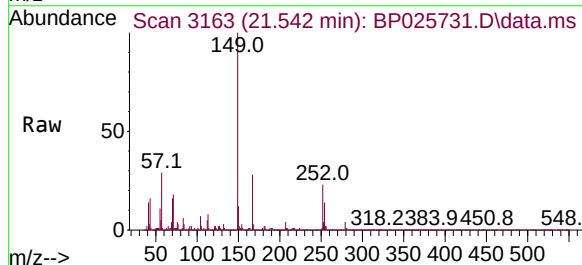
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

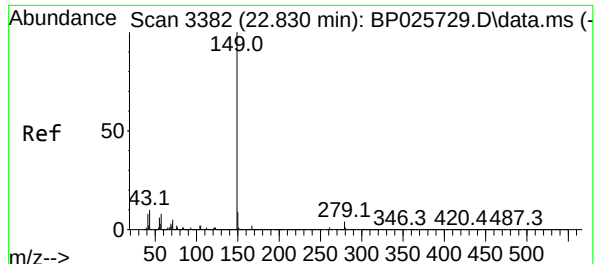
Tgt Ion:228 Resp: 3234610
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.6
229 19.6 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 60.070 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:149 Resp: 2185686
Ion Ratio Lower Upper
149 100
167 27.9 22.9 34.3
279 4.3 3.8 5.8

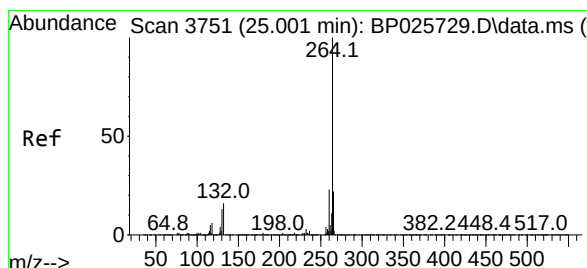
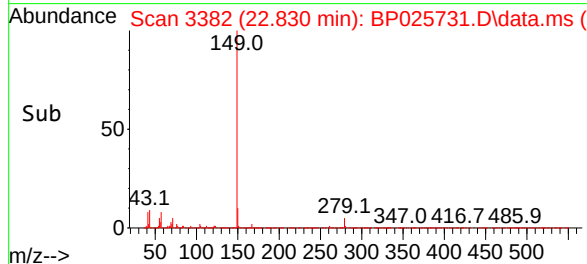
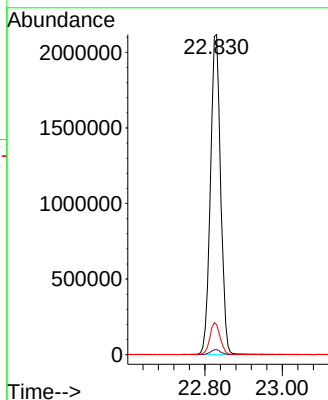
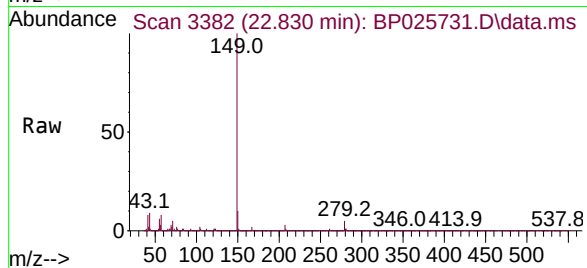




#85
Di-n-octyl phthalate
Concen: 59.606 ng
RT: 22.830 min Scan# 3382
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

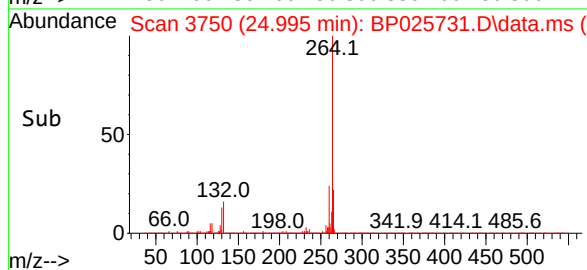
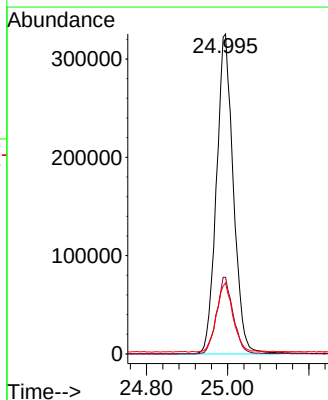
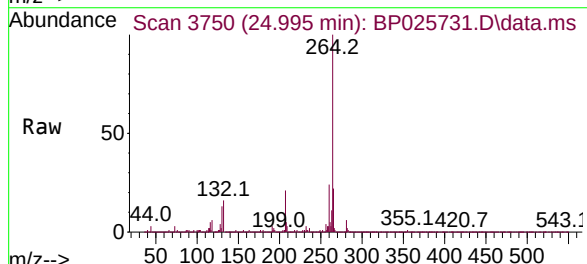
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

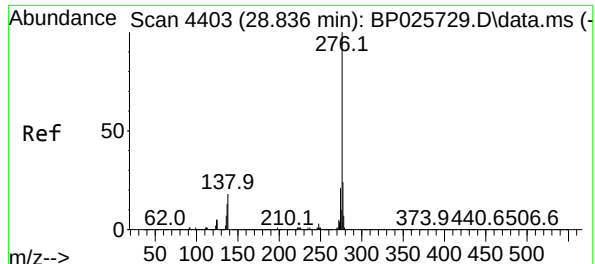
Tgt Ion:149 Resp: 3857923
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3750
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:264 Resp: 937177
Ion Ratio Lower Upper
264 100
260 23.9 18.3 27.5
265 22.2 17.3 25.9

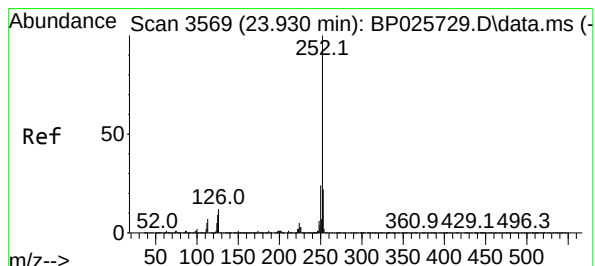
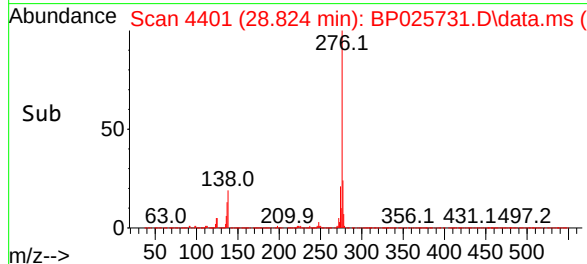
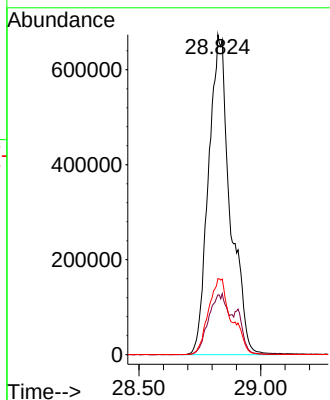
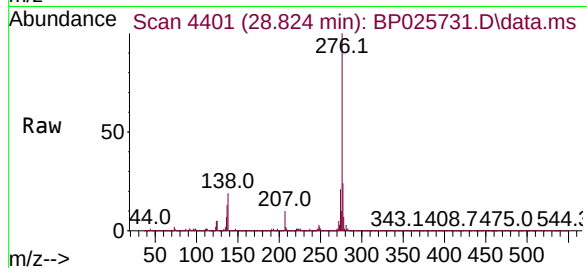




#87
Indeno(1,2,3-cd)pyrene
Concen: 61.276 ng
RT: 28.824 min Scan# 4403
Delta R.T. -0.012 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

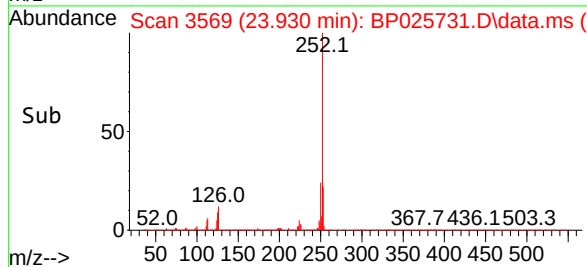
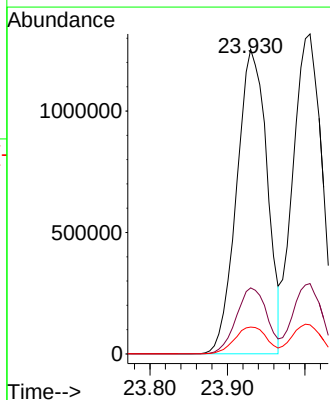
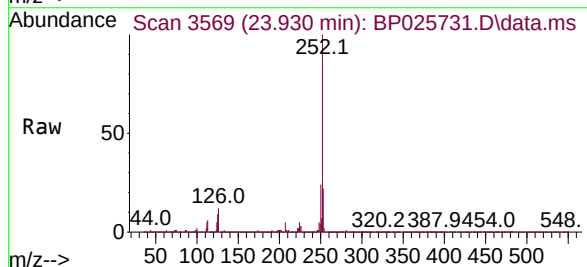
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

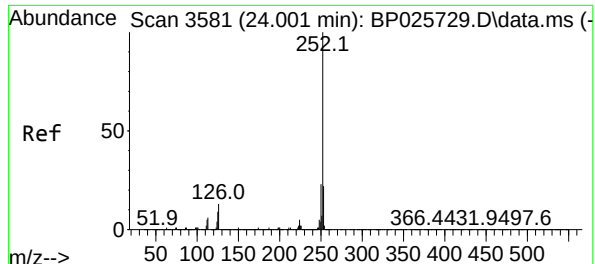
Tgt Ion:276 Resp: 4176186
Ion Ratio Lower Upper
276 100
138 16.9 13.4 20.2
277 25.2 9.1 13.7#



#88
Benzo(b)fluoranthene
Concen: 59.638 ng
RT: 23.930 min Scan# 3569
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:252 Resp: 3417862
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 8.8 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 58.674 ng

RT: 24.007 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

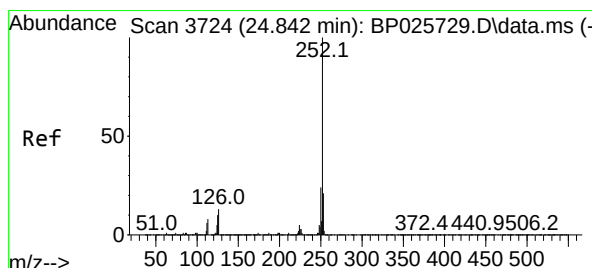
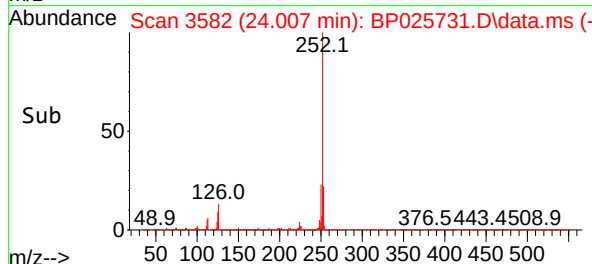
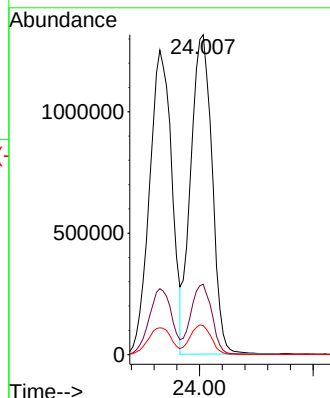
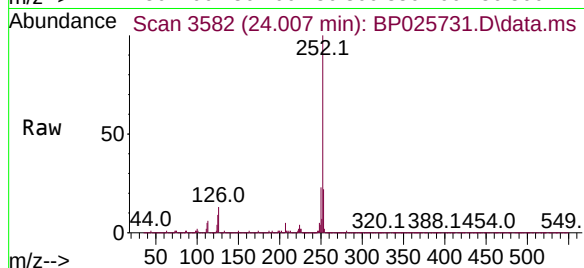
Tgt Ion:252 Resp: 3431342

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.1 7.5 11.3



#90

Benzo(a)pyrene

Concen: 60.523 ng

RT: 24.848 min Scan# 3725

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

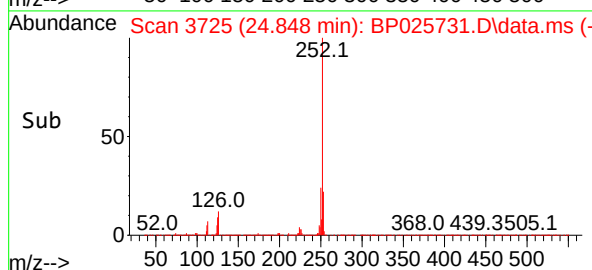
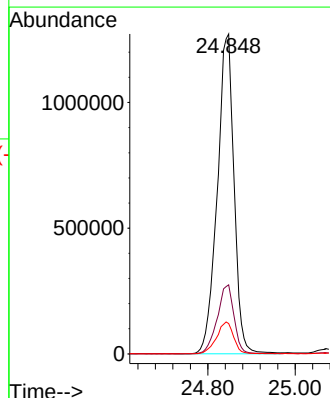
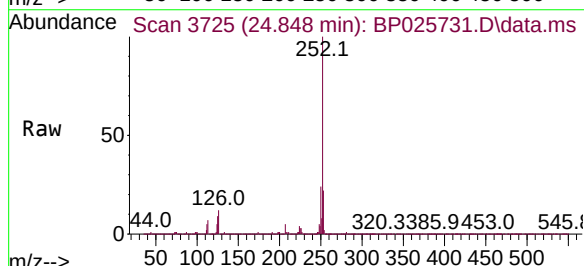
Tgt Ion:252 Resp: 3396800

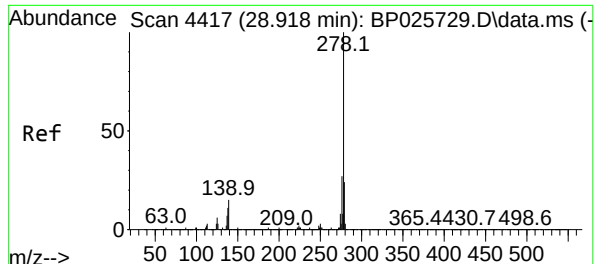
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

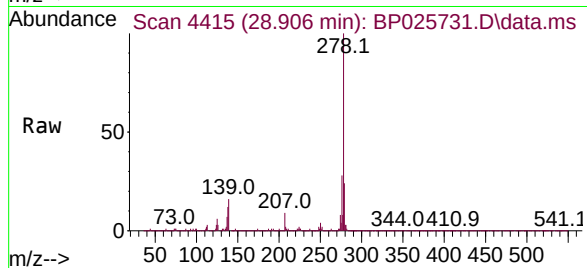
125 9.5 8.3 12.5



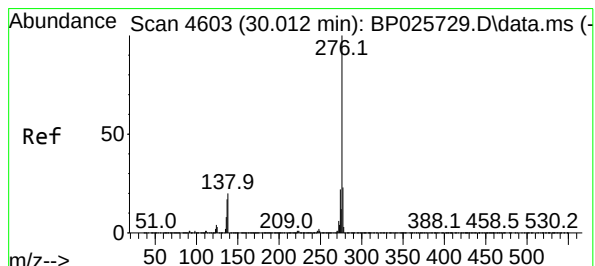
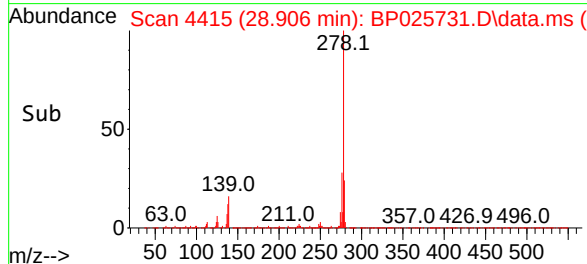
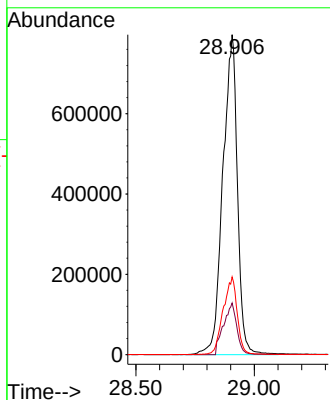


#91
Dibenzo(a,h)anthracene
Concen: 60.898 ng
RT: 28.906 min Scan# 4417
Delta R.T. -0.012 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

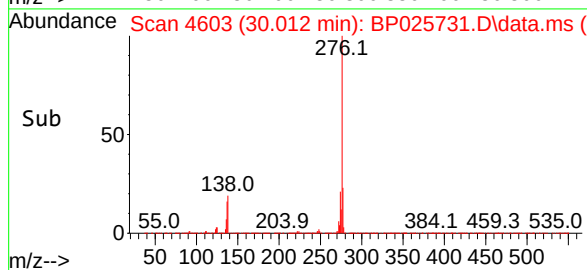
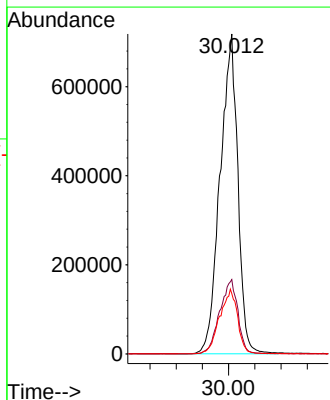
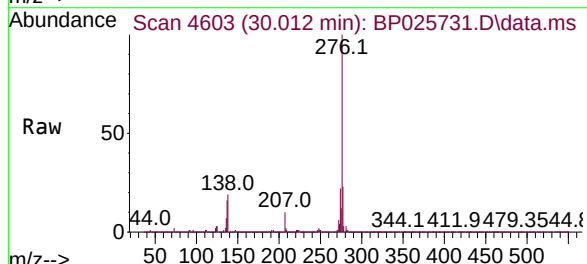


Tgt Ion:278 Resp: 3396390
Ion Ratio Lower Upper
278 100
139 16.1 12.1 18.1
279 24.3 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 61.370 ng
RT: 30.012 min Scan# 4603
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:276 Resp: 3366014
Ion Ratio Lower Upper
276 100
277 23.2 18.7 28.1
138 18.8 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025732.D
 Acq On : 11 Sep 2025 14:24
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Quant Time: Sep 11 16:26:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	156685	20.000	ng	0.00
21) Naphthalene-d8	10.531	136	657507	20.000	ng	0.00
39) Acenaphthene-d10	14.384	164	457251	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	963896	20.000	ng	0.00
76) Chrysene-d12	21.642	240	964091	20.000	ng	0.00
86) Perylene-d12	24.995	264	1072676	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1519863	156.516	ng	0.00
7) Phenol-d6	6.949	99	2060064	159.607	ng	0.00
23) Nitrobenzene-d5	8.908	82	2312828	155.163	ng	0.00
42) 2,4,6-Tribromophenol	15.901	330	901504	158.067	ng	0.00
45) 2-Fluorobiphenyl	12.996	172	4820104	140.360	ng	0.00
79) Terphenyl-d14	19.913	244	7841805	146.328	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.308	88	293942	72.123	ng	100
3) Pyridine	3.708	79	864675	77.049	ng	97
4) n-Nitrosodimethylamine	3.614	42	406094	76.687	ng	100
6) Aniline	7.096	93	1418325	80.049	ng	99
8) 2-Chlorophenol	7.337	128	852861	80.059	ng	99
9) Benzaldehyde	6.914	77	614881	79.569	ng	100
10) Phenol	6.972	94	1090983	80.162	ng	99
11) bis(2-Chloroethyl)ether	7.190	93	855627	78.251	ng	98
12) 1,3-Dichlorobenzene	7.649	146	917305	75.659	ng	97
13) 1,4-Dichlorobenzene	7.796	146	935253	75.728	ng	99
14) 1,2-Dichlorobenzene	8.108	146	905715	75.489	ng	99
15) Benzyl Alcohol	8.002	79	865116	81.113	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.278	45	1365629	76.370	ng	99
17) 2-Methylphenol	8.208	107	747211	81.433	ng	100
18) Hexachloroethane	8.825	117	362679	76.881	ng	96
19) n-Nitroso-di-n-propyla...	8.560	70	721517	81.103	ng	99
20) 3+4-Methylphenols	8.531	107	1023340	79.634	ng	99
22) Acetophenone	8.572	105	1366991	77.798	ng	# 98
24) Nitrobenzene	8.949	77	1052990	78.746	ng	98
25) Isophorone	9.484	82	2070061	79.012	ng	100
26) 2-Nitrophenol	9.649	139	504228	84.931	ng	96
27) 2,4-Dimethylphenol	9.713	122	842469	80.887	ng	99
28) bis(2-Chloroethoxy)met...	9.937	93	1190837	78.631	ng	99
29) 2,4-Dichlorophenol	10.190	162	850329	81.883	ng	99
30) 1,2,4-Trichlorobenzene	10.390	180	902735	77.134	ng	99
31) Naphthalene	10.578	128	2657135	74.948	ng	99
32) Benzoic acid	9.925	122	680741	87.910	ng	98
33) 4-Chloroaniline	10.684	127	1237939	83.774	ng	98
34) Hexachlorobutadiene	10.866	225	571616	75.871	ng	100
35) Caprolactam	11.513	113	324639	81.266	ng	96
36) 4-Chloro-3-methylphenol	11.825	107	998570	80.654	ng	96
37) 2-Methylnaphthalene	12.190	142	1750889	76.891	ng	99
38) 1-Methylnaphthalene	12.407	142	1849786	76.178	ng	99
40) 1,2,4,5-Tetrachloroben...	12.554	216	1039713	75.038	ng	100
41) Hexachlorocyclopentadiene	12.537	237	641317	84.983	ng	98
43) 2,4,6-Trichlorophenol	12.807	196	725824	79.683	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025732.D
 Acq On : 11 Sep 2025 14:24
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Quant Time: Sep 11 16:26:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

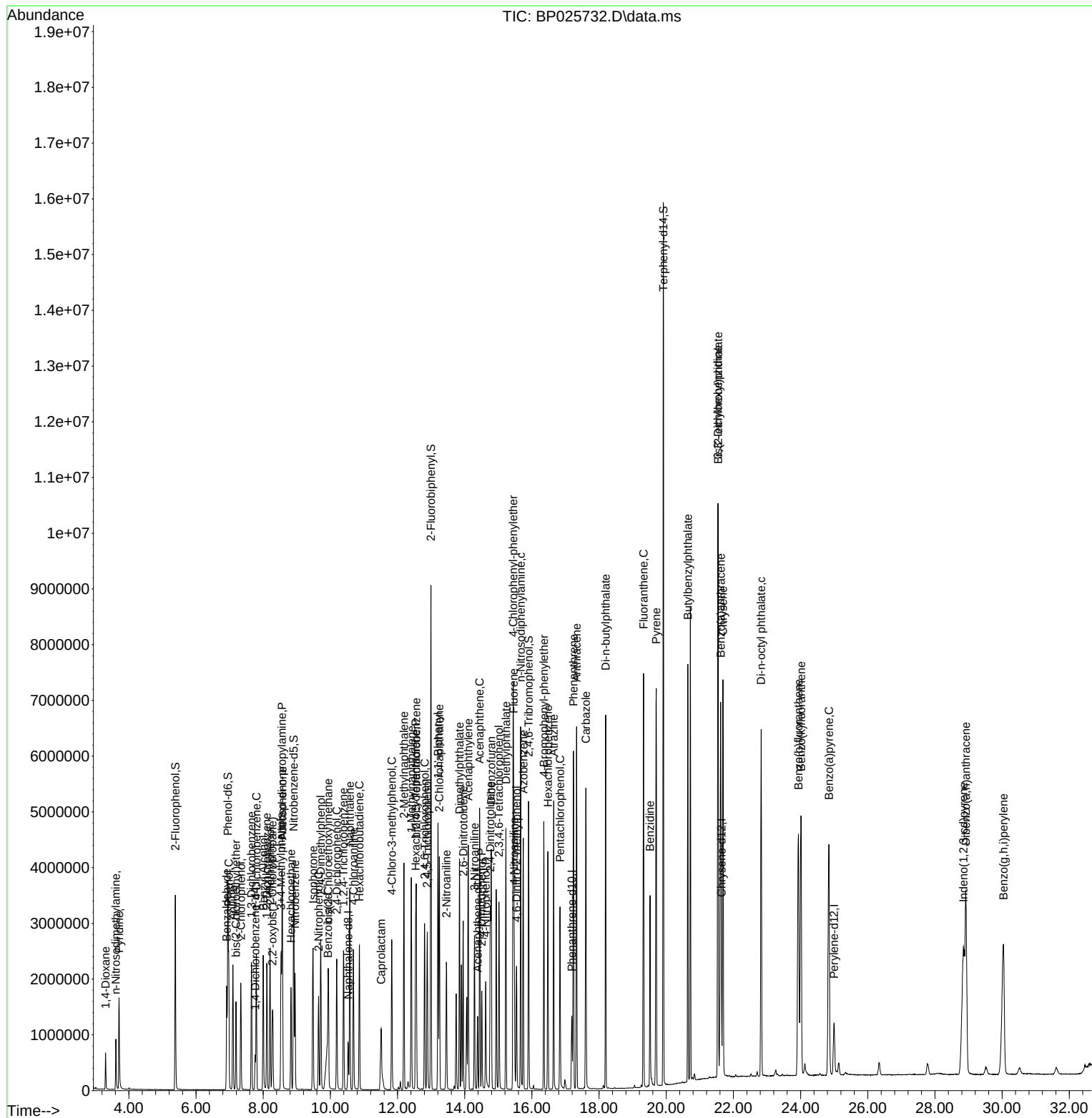
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	806956	79.601	ng	97
46) 1,1'-Biphenyl	13.201	154	2497929	74.426	ng	100
47) 2-Chloronaphthalene	13.243	162	1962349	74.255	ng	98
48) 2-Nitroaniline	13.454	65	733091	83.218	ng	97
49) Acenaphthylene	14.107	152	3311359	75.625	ng	99
50) Dimethylphthalate	13.843	163	2615037	74.909	ng	99
51) 2,6-Dinitrotoluene	13.954	165	580821	78.530	ng	100
52) Acenaphthene	14.443	154	1846398	73.121	ng	100
53) 3-Nitroaniline	14.290	138	649230	83.474	ng	100
54) 2,4-Dinitrophenol	14.507	184	382175	79.506	ng	93
55) Dibenzofuran	14.790	168	2999483	72.882	ng	99
56) 4-Nitrophenol	14.625	139	527475	78.823	ng	98
57) 2,4-Dinitrotoluene	14.760	165	853243	81.062	ng	98
58) Fluorene	15.454	166	2363617	72.225	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.019	232	722846	79.155	ng	98
60) Diethylphthalate	15.225	149	2678679	75.646	ng	100
61) 4-Chlorophenyl-phenyle...	15.442	204	1190470	72.181	ng	97
62) 4-Nitroaniline	15.472	138	667122	83.790	ng	99
63) Azobenzene	15.742	77	2578205	75.299	ng	99
65) 4,6-Dinitro-2-methylph...	15.542	198	537070	83.783	ng	97
66) n-Nitrosodiphenylamine	15.666	169	2109969	71.530	ng	100
67) 4-Bromophenyl-phenylether	16.354	248	792238	74.816	ng	97
68) Hexachlorobenzene	16.478	284	892102	75.546	ng	96
69) Atrazine	16.648	200	876809	77.763	ng	99
70) Pentachlorophenol	16.837	266	629802	80.808	ng	98
71) Phenanthrene	17.236	178	3960390	72.431	ng	100
72) Anthracene	17.331	178	4027019	72.588	ng	100
73) Carbazole	17.607	167	3852545	74.694	ng	99
74) Di-n-butylphthalate	18.195	149	4705330	74.340	ng	100
75) Fluoranthene	19.325	202	4786922	72.998	ng	100
77) Benzidine	19.519	184	2065703	74.384	ng	100
78) Pyrene	19.701	202	4911699	76.353	ng	100
80) Butylbenzylphthalate	20.642	149	2268963	80.443	ng	98
81) Benzo(a)anthracene	21.619	228	5031313	76.229	ng	100
82) 3,3'-Dichlorobenzidine	21.536	252	1705366	74.725	ng	99
83) Chrysene	21.689	228	4667905	74.190	ng	99
84) Bis(2-ethylhexyl)phtha...	21.542	149	3154011	76.431	ng	100
85) Di-n-octyl phthalate	22.824	149	5799888	79.012	ng	100
87) Indeno(1,2,3-cd)pyrene	28.848	276	5948880	76.261	ng	# 84
88) Benzo(b)fluoranthene	23.936	252	5088293	77.570	ng	99
89) Benzo(k)fluoranthene	24.013	252	4938760	73.783	ng	99
90) Benzo(a)pyrene	24.842	252	4896947	76.231	ng	99
91) Dibenzo(a,h)anthracene	28.918	278	4903653	76.817	ng	98
92) Benzo(g,h,i)perylene	30.036	276	4826771	76.886	ng	99

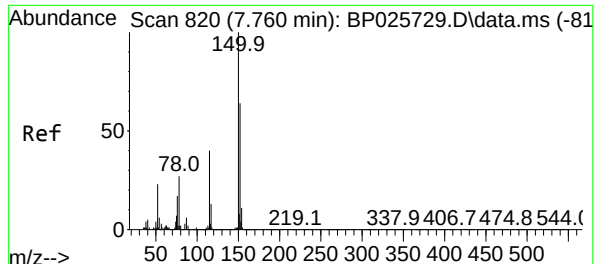
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025732.D
 Acq On : 11 Sep 2025 14:24
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Quant Time: Sep 11 16:26:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

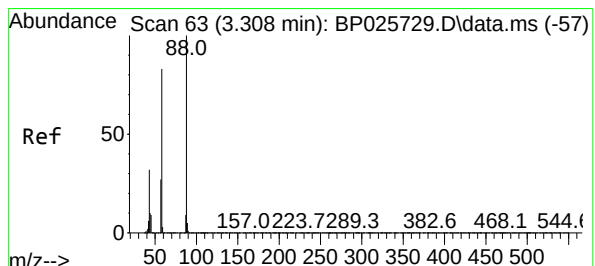
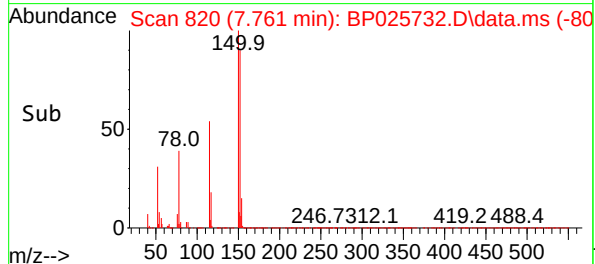
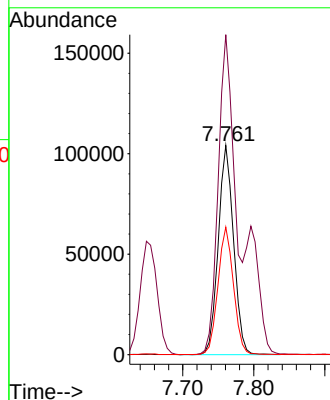
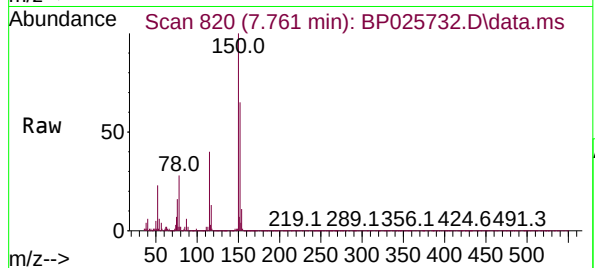




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.761 min Scan# 81
Delta R.T. 0.001 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

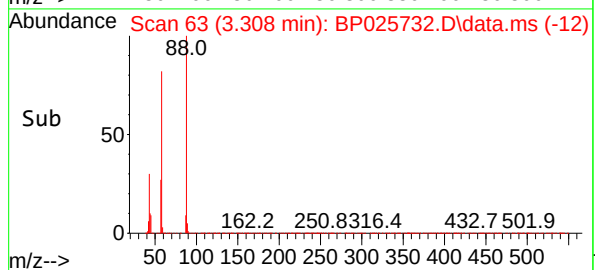
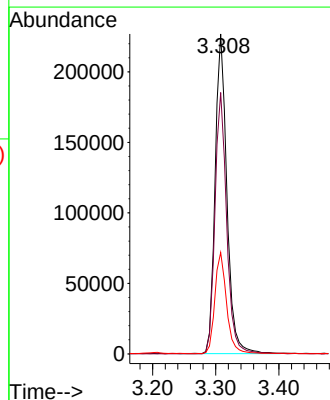
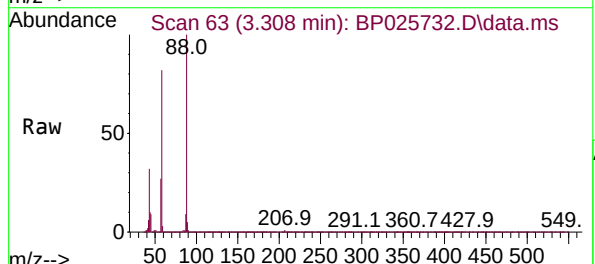
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

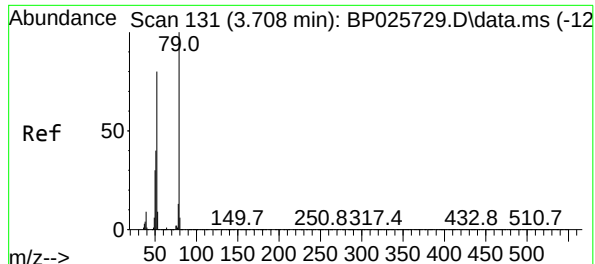
Tgt Ion:152 Resp: 156685
Ion Ratio Lower Upper
152 100
150 153.0 124.3 186.5
115 61.0 50.3 75.5



#2
1,4-Dioxane
Concen: 72.123 ng
RT: 3.308 min Scan# 63
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion: 88 Resp: 293942
Ion Ratio Lower Upper
88 100
58 81.8 65.5 98.3
43 31.6 25.2 37.8

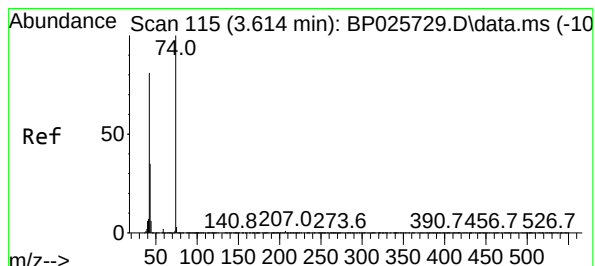
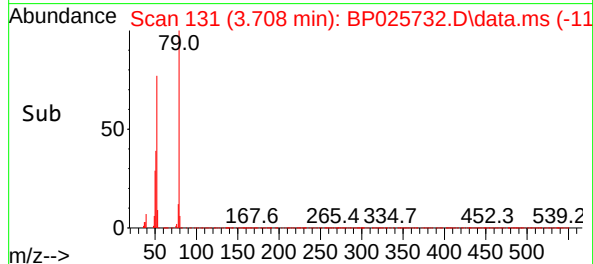
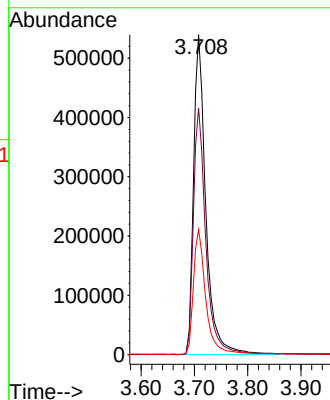
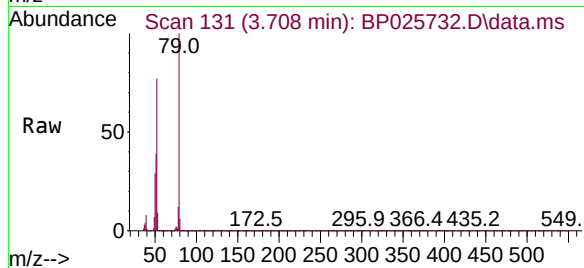




#3
Pyridine
Concen: 77.049 ng
RT: 3.708 min Scan# 131
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

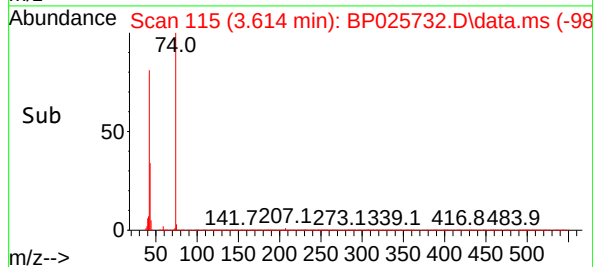
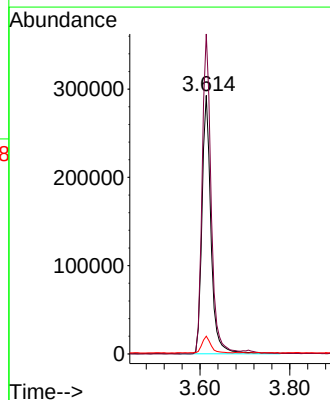
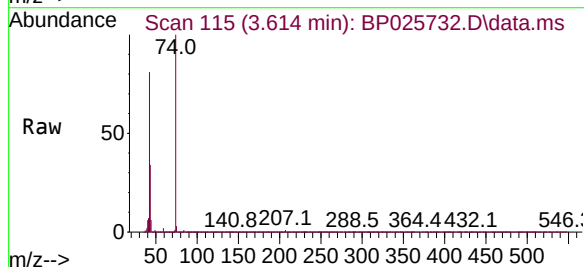
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

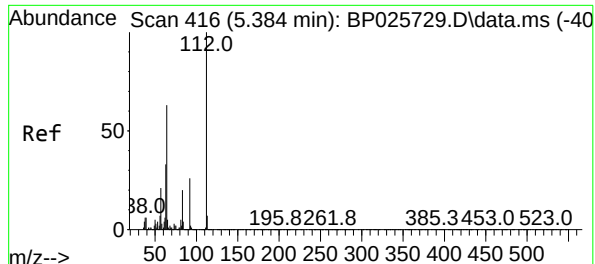
Tgt Ion: 79 Resp: 864675
Ion Ratio Lower Upper
79 100
52 77.1 63.7 95.5
51 39.1 32.4 48.6



#4
n-Nitrosodimethylamine
Concen: 76.687 ng
RT: 3.614 min Scan# 115
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion: 42 Resp: 406094
Ion Ratio Lower Upper
42 100
74 123.8 99.2 148.8
44 6.8 6.4 9.6





#5

2-Fluorophenol

Concen: 156.516 ng

RT: 5.384 min Scan# 416

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

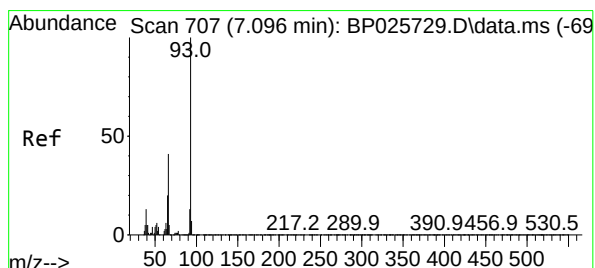
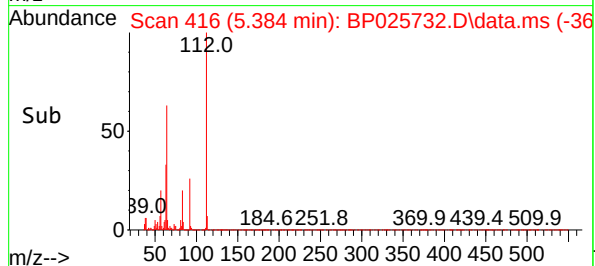
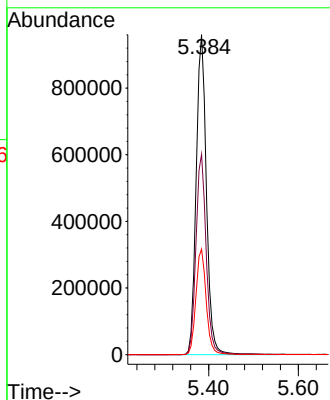
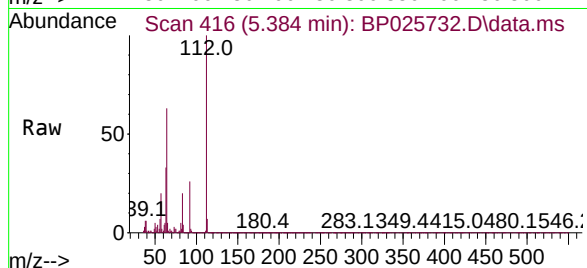
Tgt Ion:112 Resp: 1519863

Ion Ratio Lower Upper

112 100

64 62.6 50.2 75.4

63 33.0 26.7 40.1



#6

Aniline

Concen: 80.049 ng

RT: 7.096 min Scan# 707

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

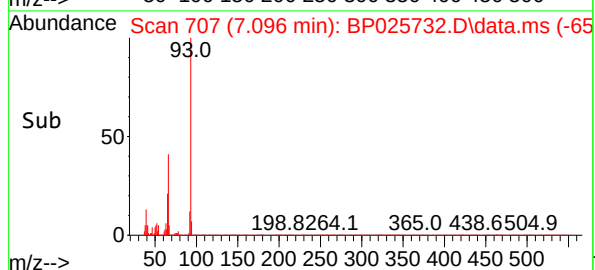
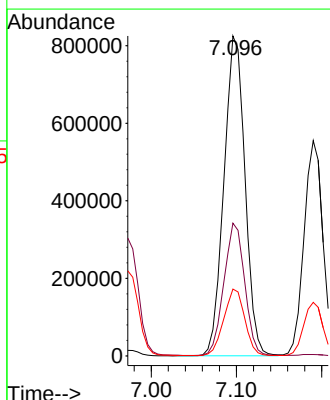
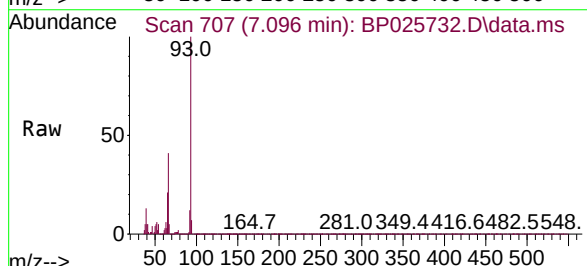
Tgt Ion: 93 Resp: 1418325

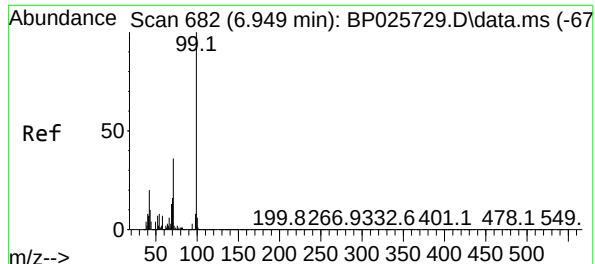
Ion Ratio Lower Upper

93 100

66 41.5 32.6 49.0

65 20.9 16.2 24.2

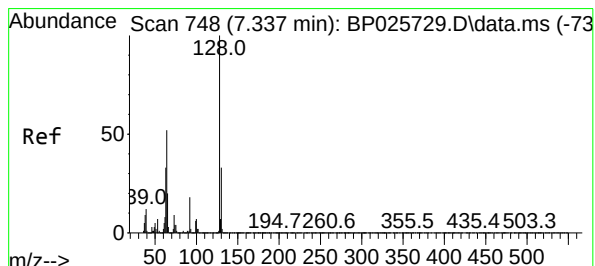
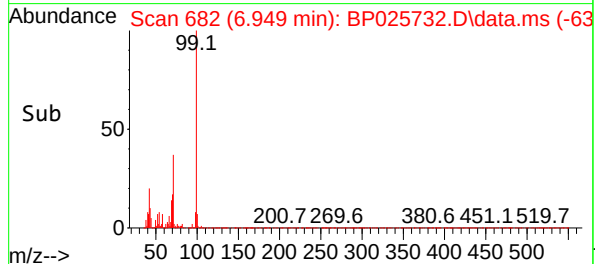
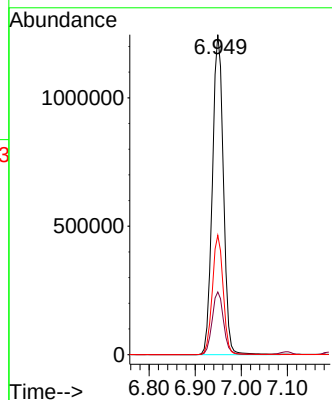
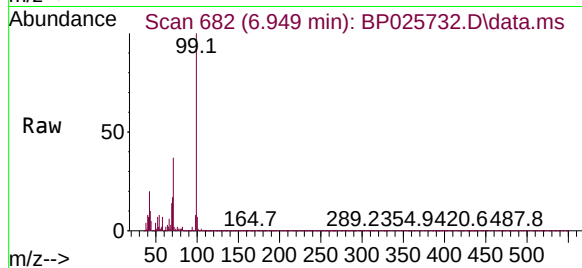




#7
Phenol-d6
Concen: 159.607 ng
RT: 6.949 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

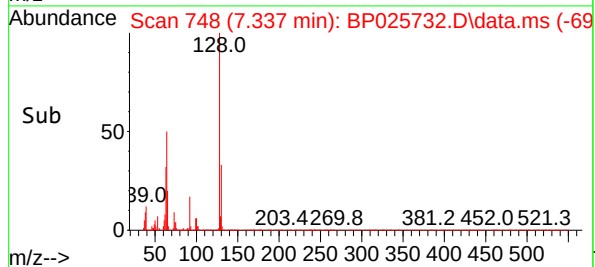
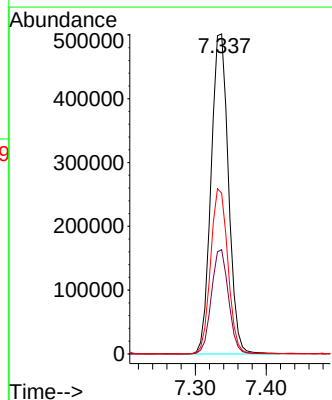
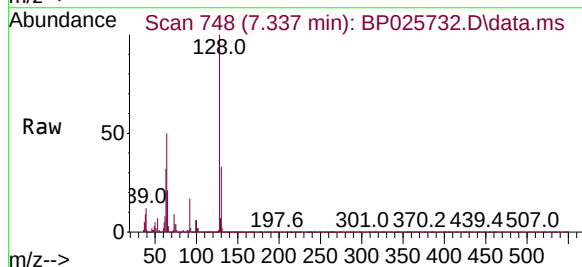
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

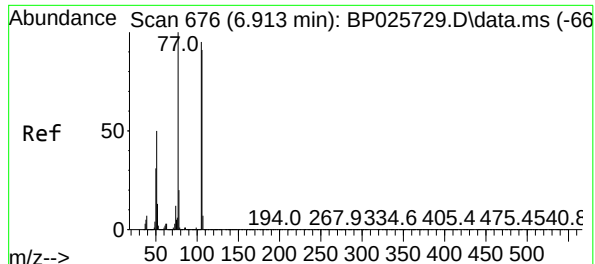
Tgt Ion: 99 Resp: 2060064
Ion Ratio Lower Upper
99 100
42 19.6 15.6 23.4
71 37.3 28.6 43.0



#8
2-Chlorophenol
Concen: 80.059 ng
RT: 7.337 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion: 128 Resp: 852861
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 50.2 31.6 71.6

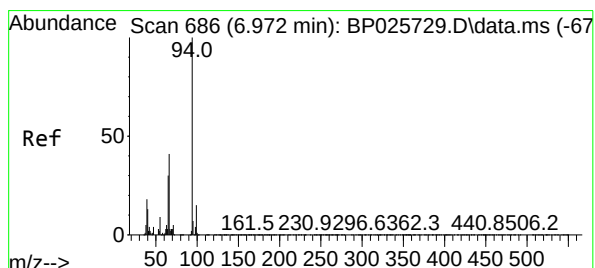
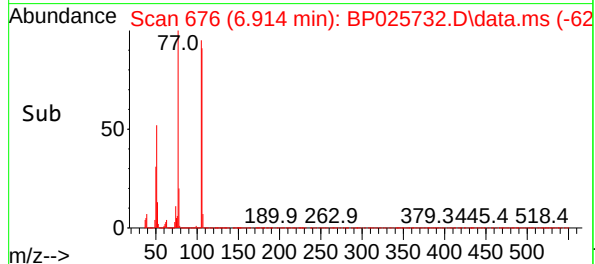
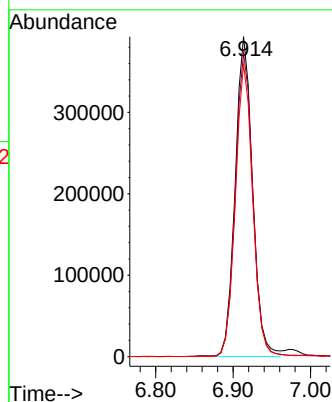
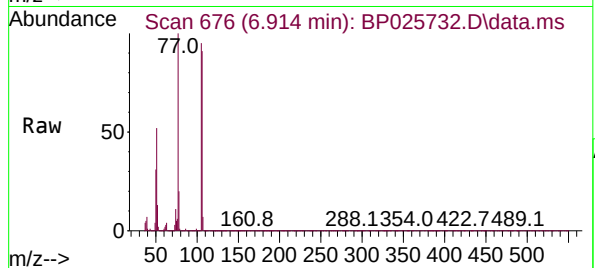




#9
Benzaldehyde
Concen: 79.569 ng
RT: 6.914 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

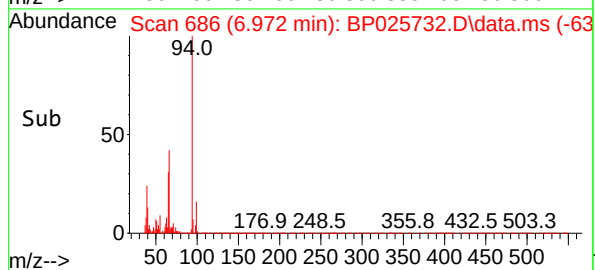
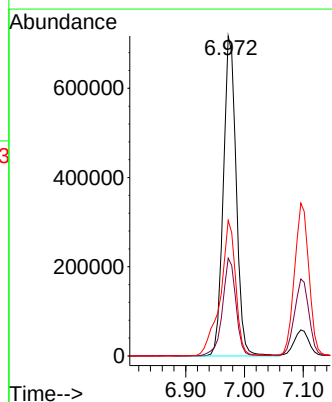
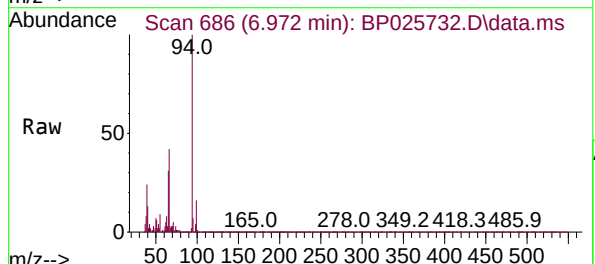
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

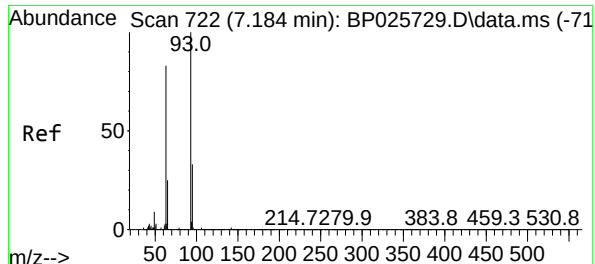
Tgt Ion: 77 Resp: 614881
Ion Ratio Lower Upper
77 100
105 95.0 75.2 115.2
106 91.3 71.3 111.3



#10
Phenol
Concen: 80.162 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion: 94 Resp: 1090983
Ion Ratio Lower Upper
94 100
65 30.5 10.2 50.2
66 42.3 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 78.251 ng

RT: 7.190 min Scan# 722

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

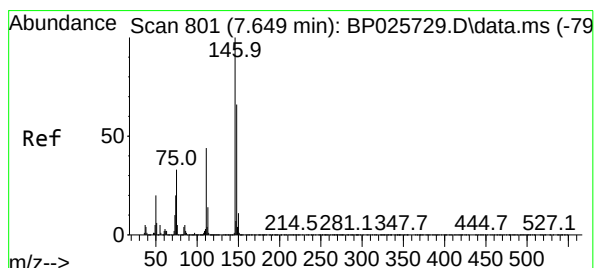
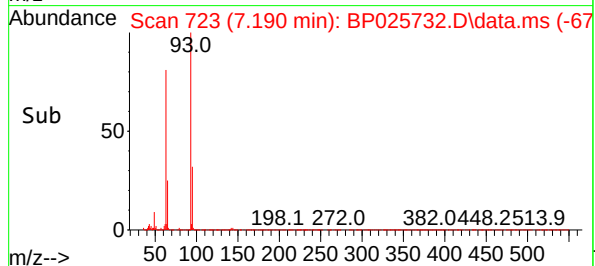
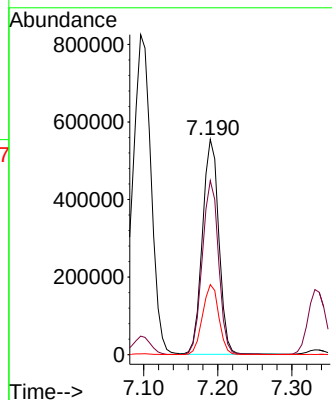
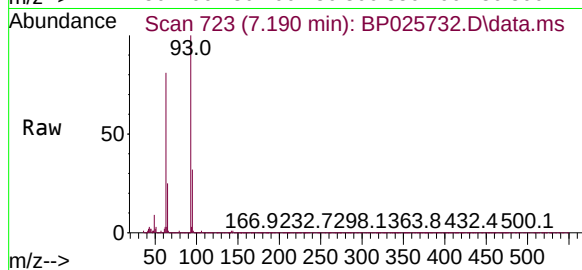
Tgt Ion: 93 Resp: 855627

Ion Ratio Lower Upper

93 100

63 80.8 62.6 102.6

95 32.5 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 75.659 ng

RT: 7.649 min Scan# 801

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

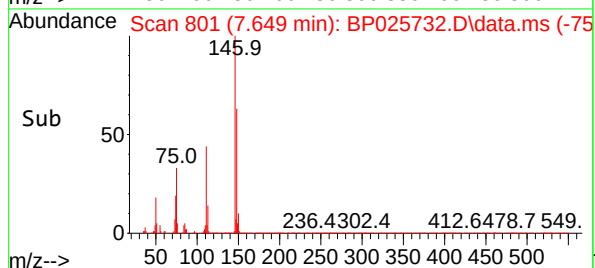
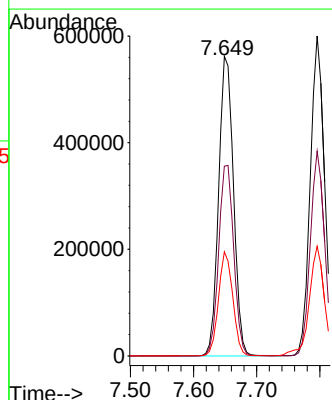
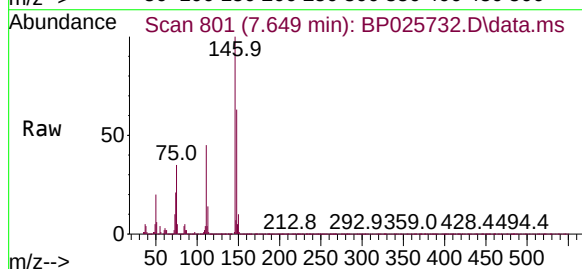
Tgt Ion: 146 Resp: 917305

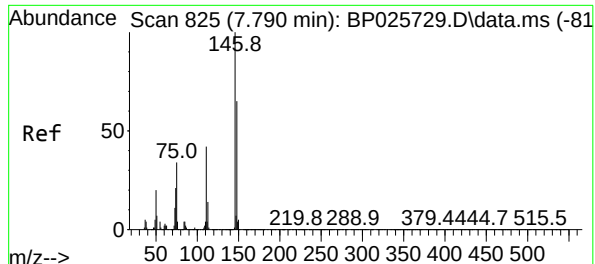
Ion Ratio Lower Upper

146 100

148 63.3 52.7 79.1

75 34.8 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 75.728 ng

RT: 7.796 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

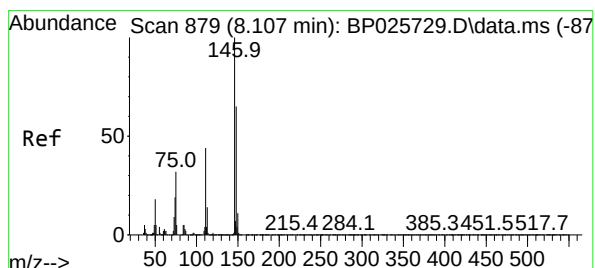
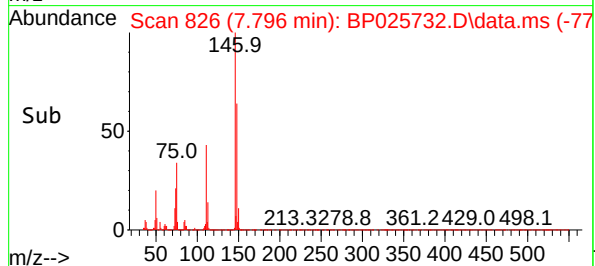
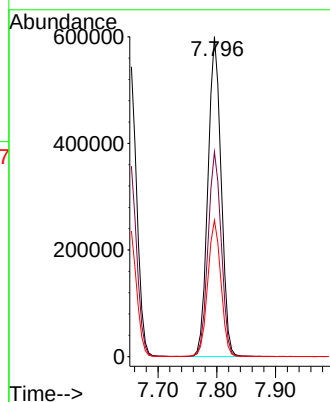
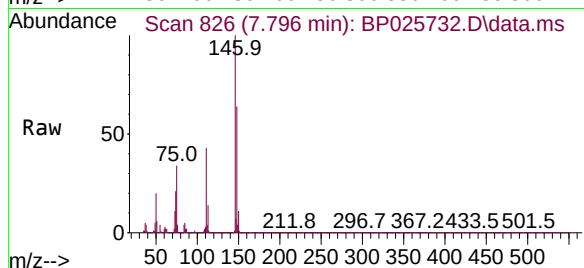
Tgt Ion:146 Resp: 935253

Ion Ratio Lower Upper

146 100

148 64.0 52.0 78.0

111 42.6 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 75.489 ng

RT: 8.108 min Scan# 879

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

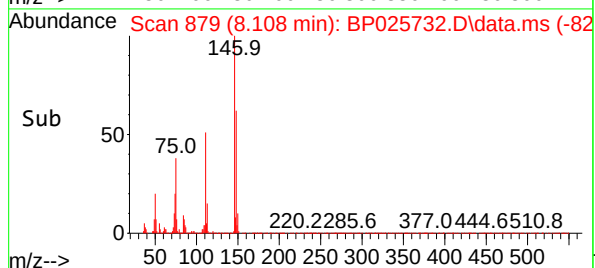
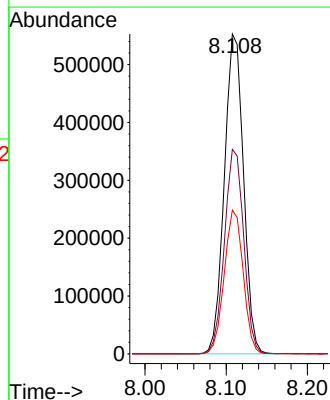
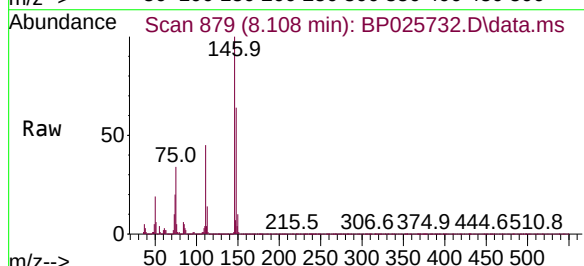
Tgt Ion:146 Resp: 905715

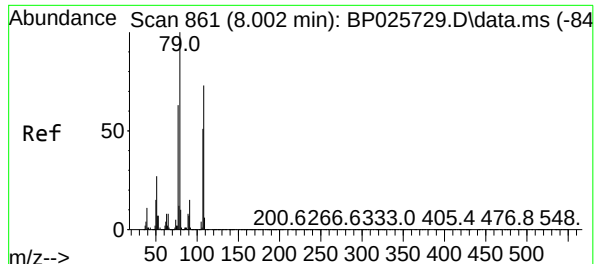
Ion Ratio Lower Upper

146 100

148 63.9 51.7 77.5

111 44.9 35.5 53.3

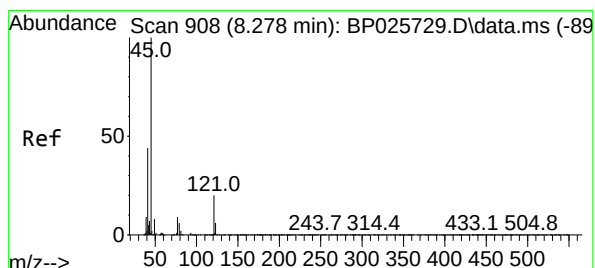
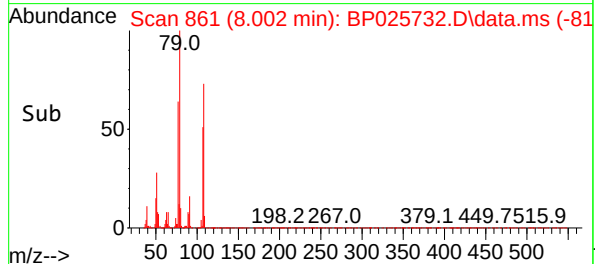
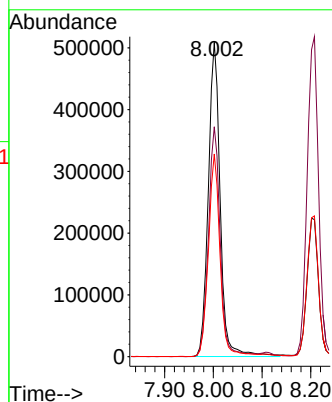
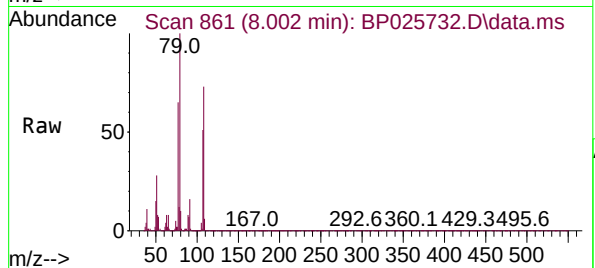




#15
Benzyl Alcohol
Concen: 81.113 ng
RT: 8.002 min Scan# 861
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

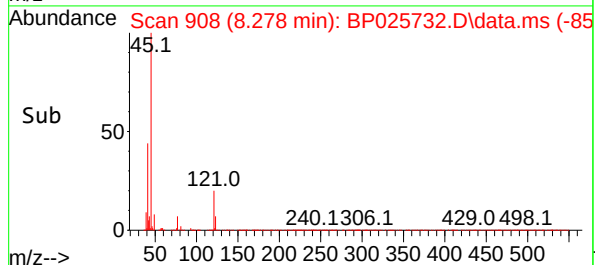
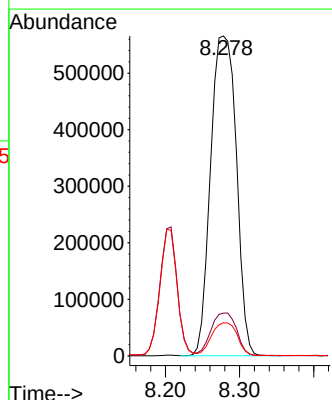
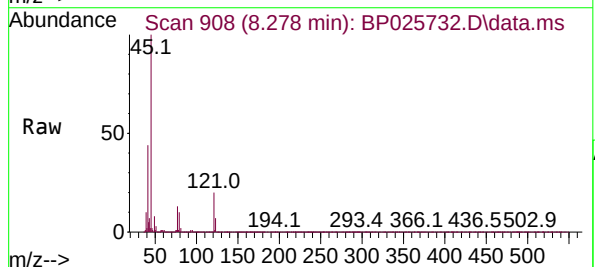
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

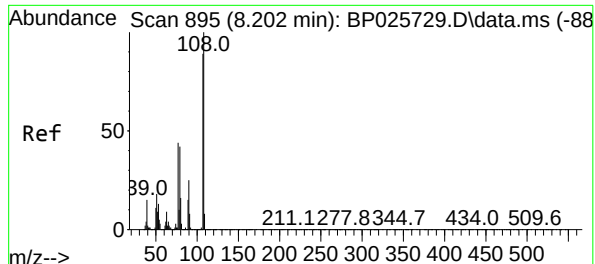
Tgt Ion: 79 Resp: 865116
Ion Ratio Lower Upper
79 100
108 73.1 58.7 88.1
77 64.5 50.2 75.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 76.370 ng
RT: 8.278 min Scan# 908
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion: 45 Resp: 1365629
Ion Ratio Lower Upper
45 100
77 13.4 0.0 33.1
79 10.3 0.0 30.0

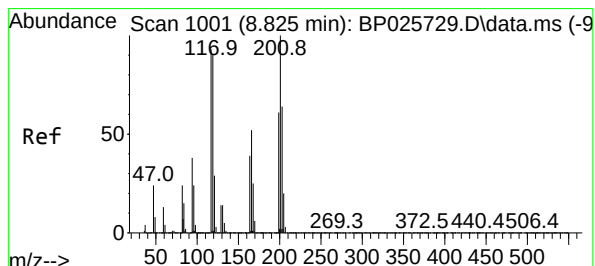
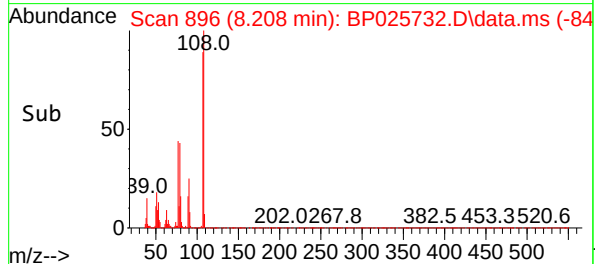
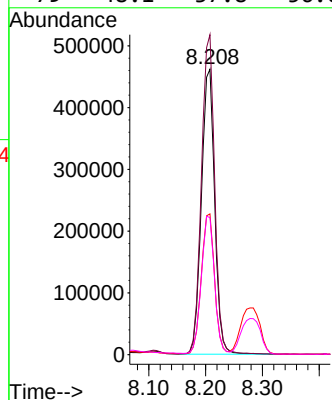
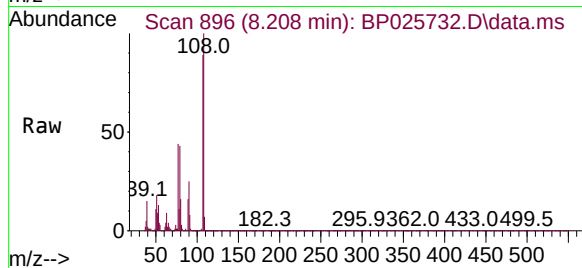




#17
2-Methylphenol
Concen: 81.433 ng
RT: 8.208 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

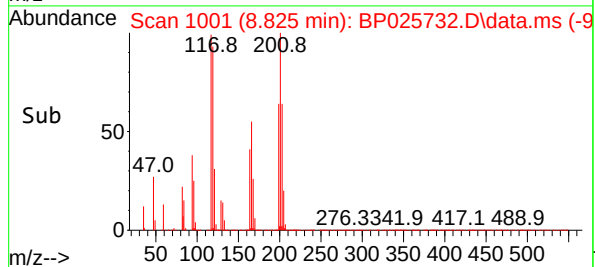
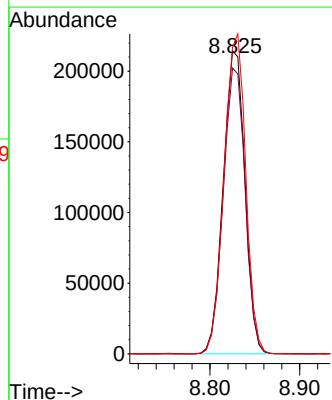
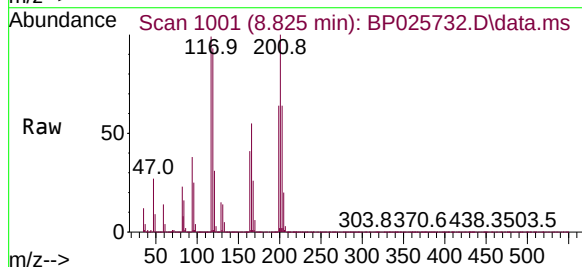
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

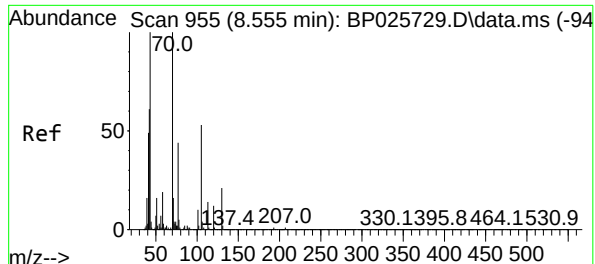
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.6	134.4
77	49.3	39.3	58.9
79	48.1	37.8	56.6



#18
Hexachloroethane
Concen: 76.881 ng
RT: 8.825 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.1	115.7
201	101.0	85.6	128.4





#19

n-Nitroso-di-n-propylamine

Concen: 81.103 ng

RT: 8.560 min Scan# 91

Delta R.T. 0.006 min

Lab File: BP025732.D

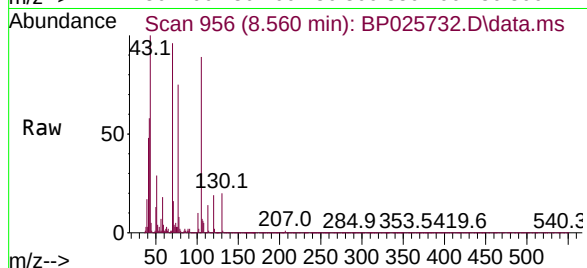
Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080



Tgt Ion: 70 Resp: 721517

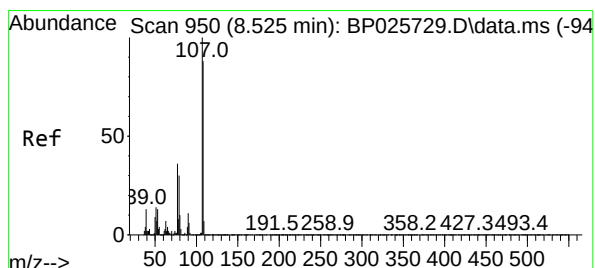
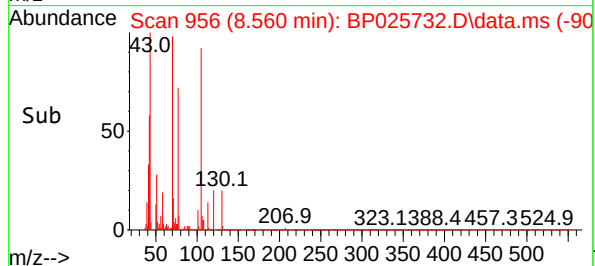
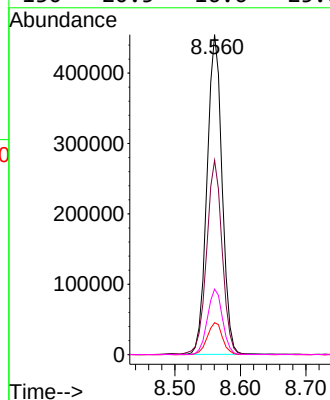
Ion Ratio Lower Upper

70 100

42 60.8 49.0 73.4

101 10.0 7.9 11.9

130 20.5 16.6 25.0



#20

3+4-Methylphenols

Concen: 79.634 ng

RT: 8.531 min Scan# 951

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Tgt Ion: 107 Resp: 1023340

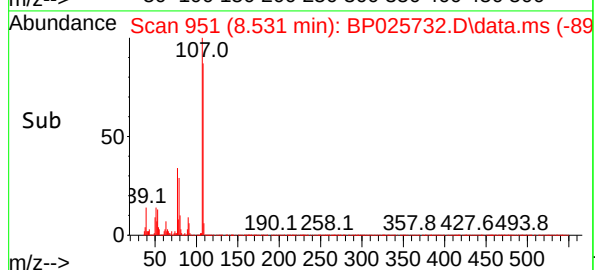
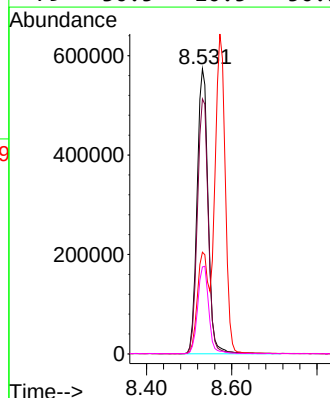
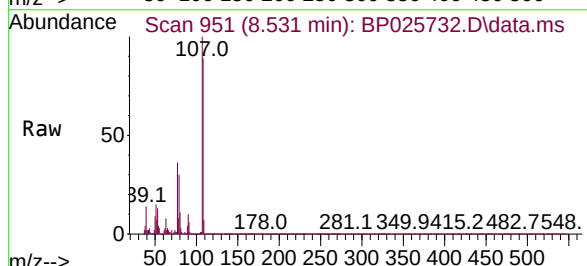
Ion Ratio Lower Upper

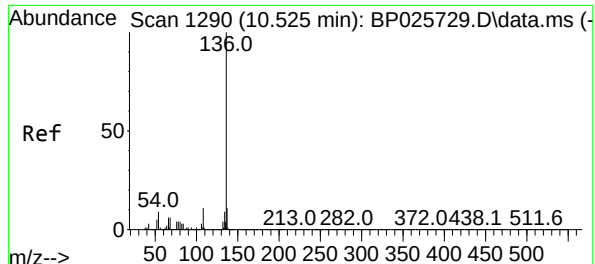
107 100

108 89.5 67.8 107.8

77 35.7 16.1 56.1

79 30.5 10.5 50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.531 min Scan# 1291

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:136 Resp: 657507

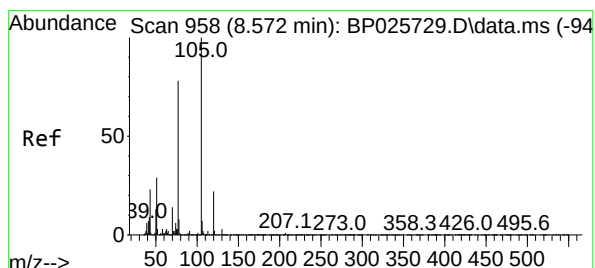
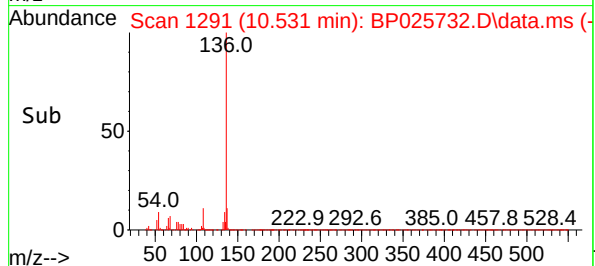
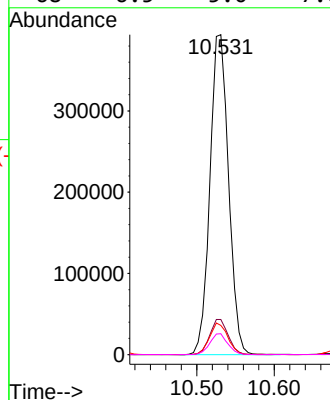
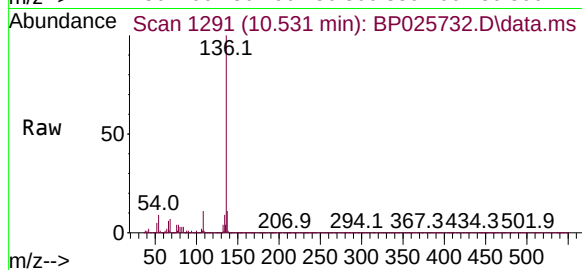
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.1 7.5 11.3

68 6.5 5.0 7.6



#22

Acetophenone

Concen: 77.798 ng

RT: 8.572 min Scan# 958

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Tgt Ion:105 Resp: 1366991

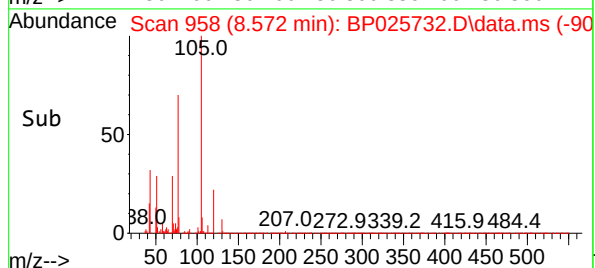
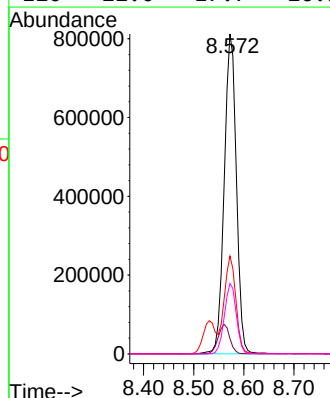
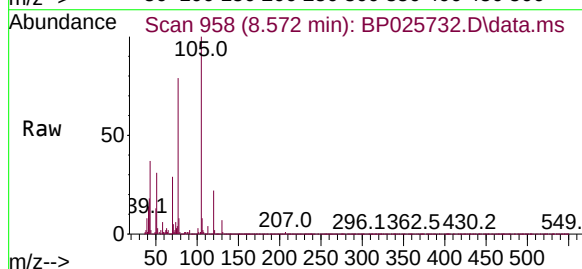
Ion Ratio Lower Upper

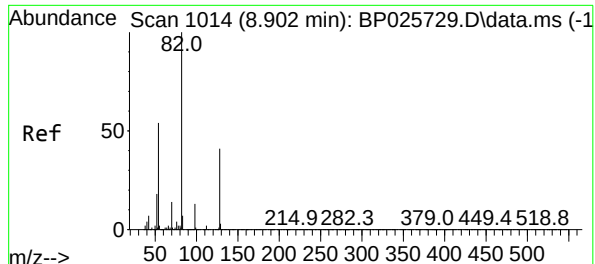
105 100

71 4.8 1.8 2.8

51 30.6 23.5 35.3

120 22.0 17.7 26.5





#23

Nitrobenzene-d5

Concen: 155.163 ng

RT: 8.908 min Scan# 1015

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

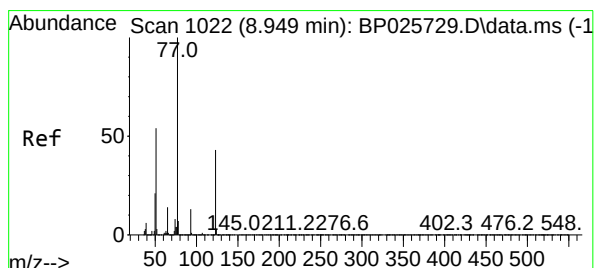
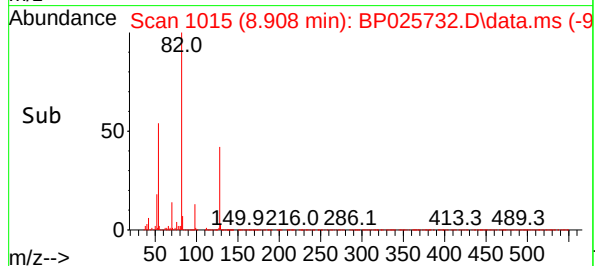
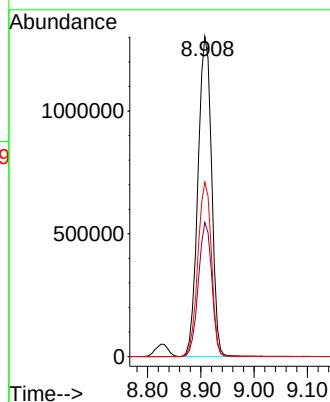
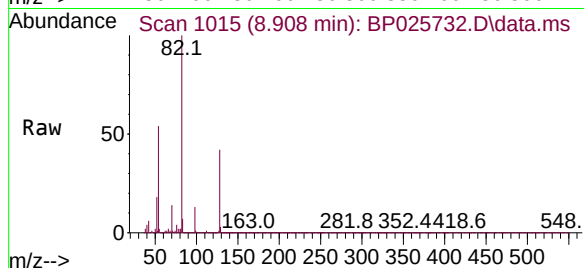
BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 2312828

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.9	49.3
54	54.5	43.4	65.2



#24

Nitrobenzene

Concen: 78.746 ng

RT: 8.949 min Scan# 1022

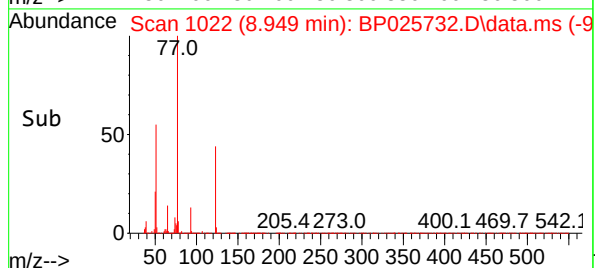
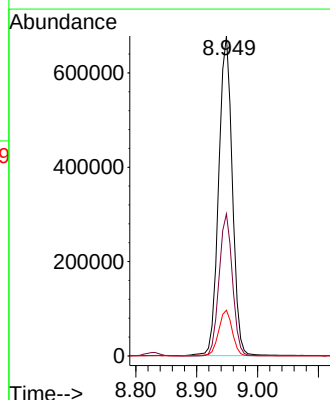
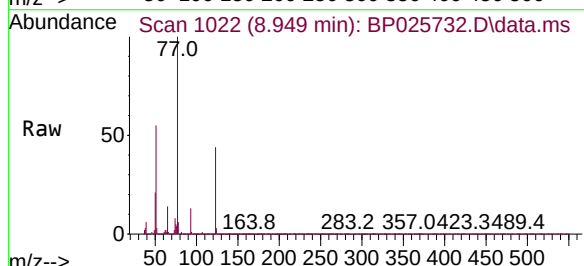
Delta R.T. 0.000 min

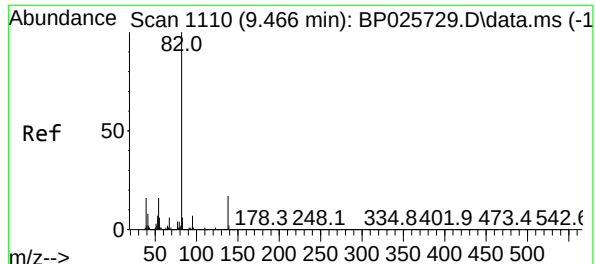
Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Tgt Ion: 77 Resp: 1052990

Ion	Ratio	Lower	Upper
77	100		
123	44.4	34.4	51.6
65	14.3	10.8	16.2

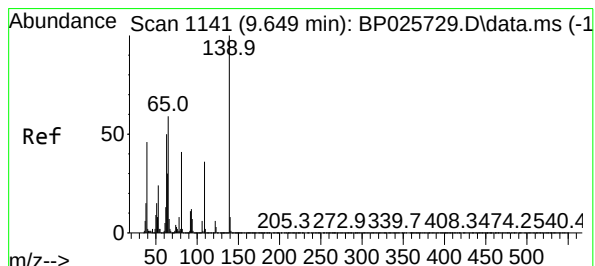
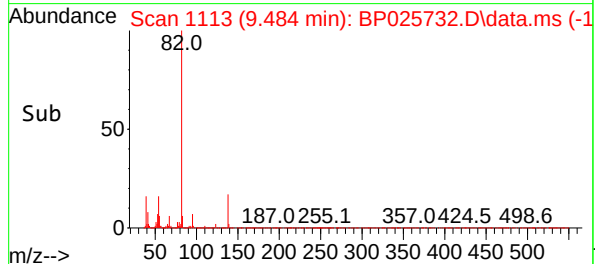
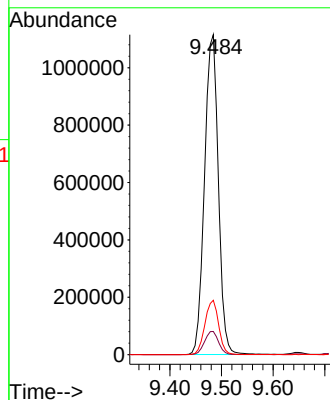
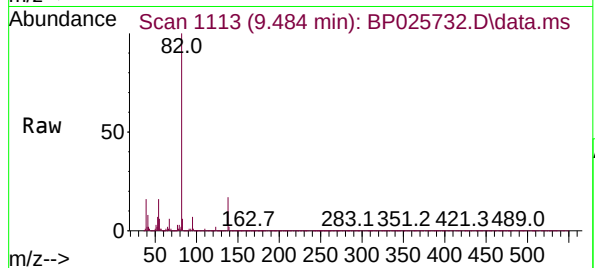




#25
Isophorone
Concen: 79.012 ng
RT: 9.484 min Scan# 1113
Delta R.T. 0.018 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

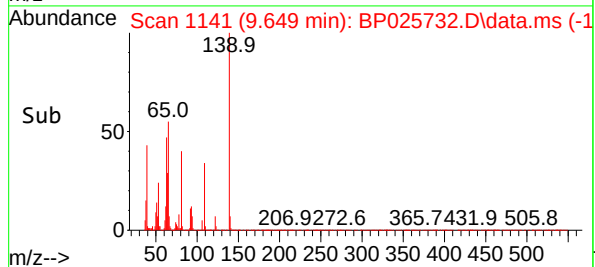
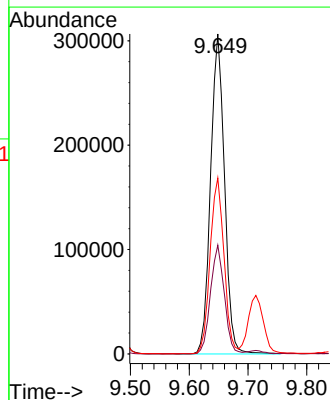
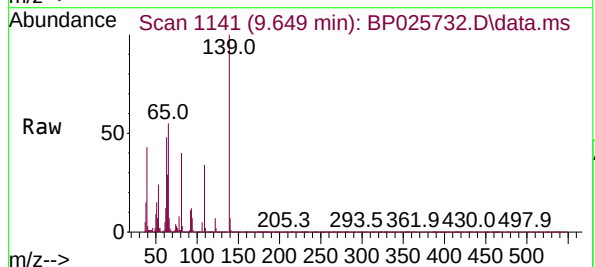
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

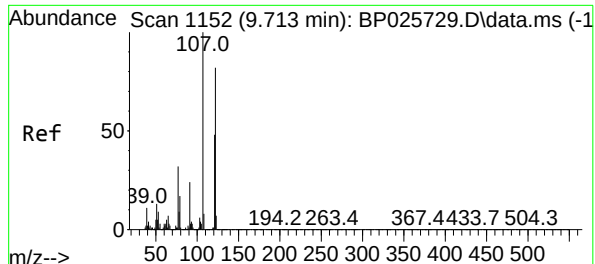
Tgt Ion: 82 Resp: 2070061
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 17.0 13.5 20.3



#26
2-Nitrophenol
Concen: 84.931 ng
RT: 9.649 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion: 139 Resp: 504228
Ion Ratio Lower Upper
139 100
109 34.0 29.0 43.4
65 55.0 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 80.887 ng

RT: 9.713 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

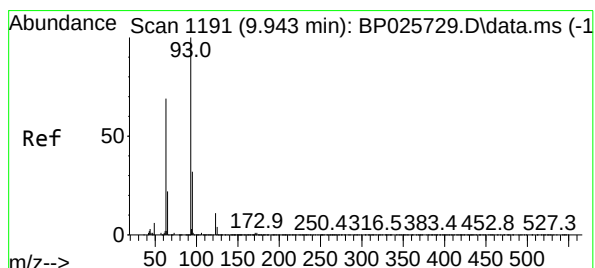
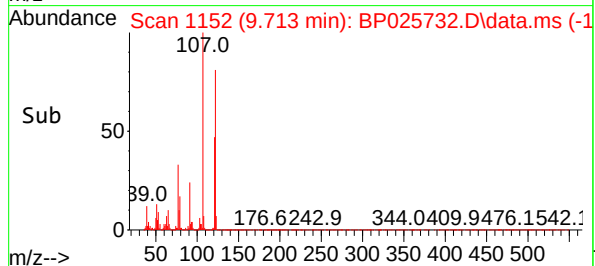
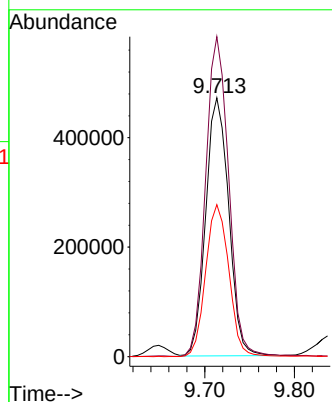
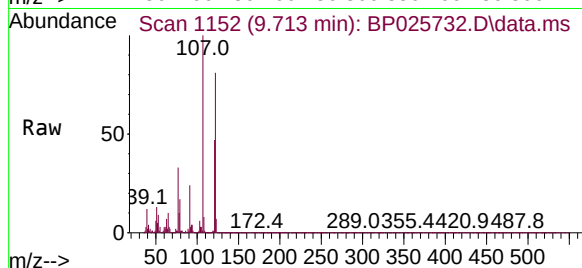
Tgt Ion:122 Resp: 842469

Ion Ratio Lower Upper

122 100

107 123.6 97.9 146.9

121 58.7 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 78.631 ng

RT: 9.937 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

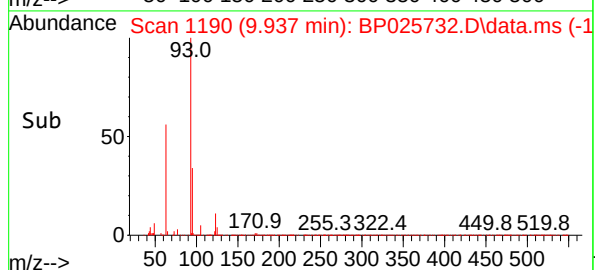
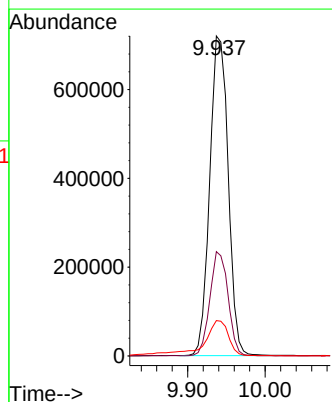
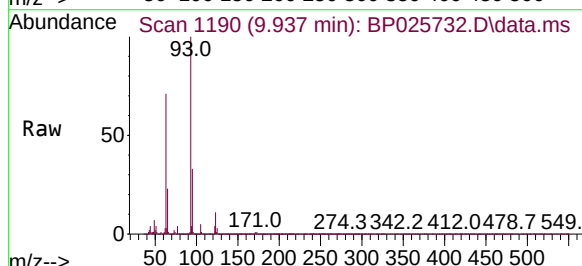
Tgt Ion: 93 Resp: 1190837

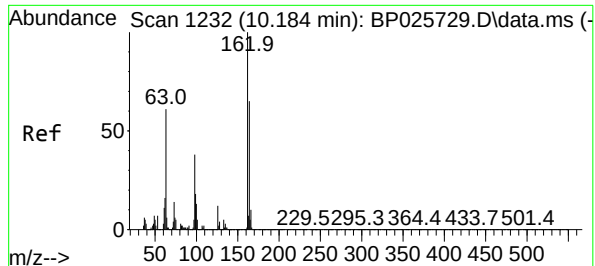
Ion Ratio Lower Upper

93 100

95 32.6 25.6 38.4

123 11.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 81.883 ng

RT: 10.190 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

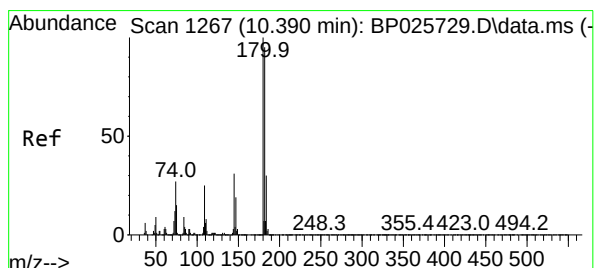
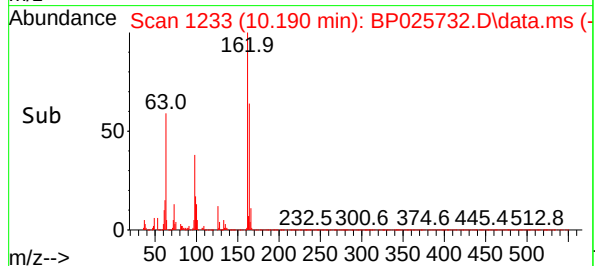
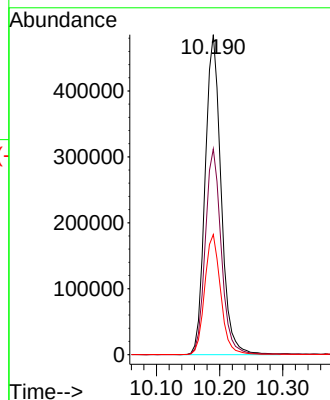
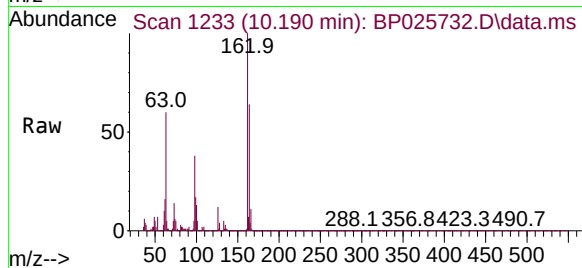
Tgt Ion:162 Resp: 850329

Ion Ratio Lower Upper

162 100

164 64.3 44.7 84.7

98 37.5 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 77.134 ng

RT: 10.390 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

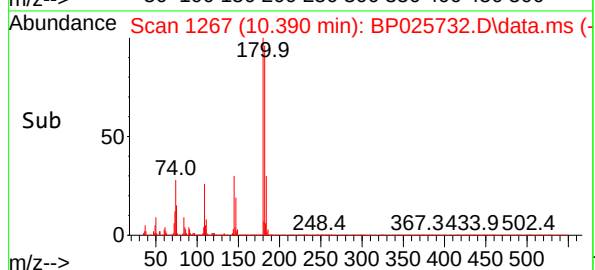
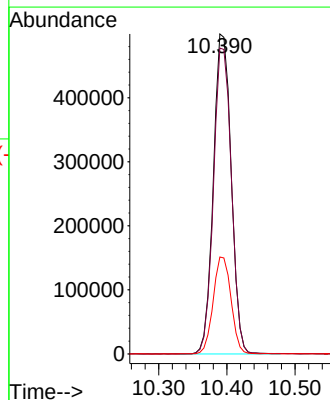
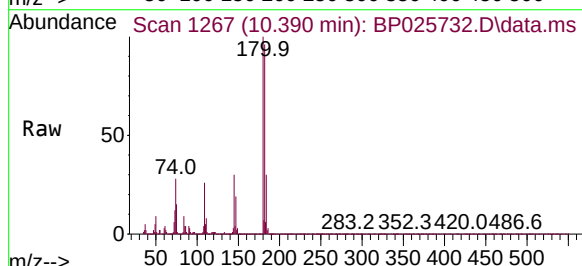
Tgt Ion:180 Resp: 902735

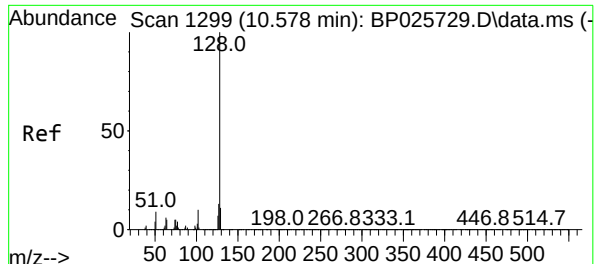
Ion Ratio Lower Upper

180 100

182 95.6 76.0 114.0

145 30.3 24.7 37.1





#31

Naphthalene

Concen: 74.948 ng

RT: 10.578 min Scan# 1299

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

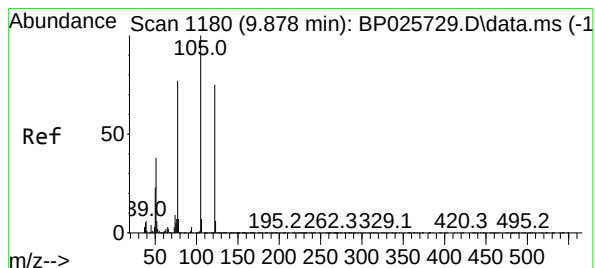
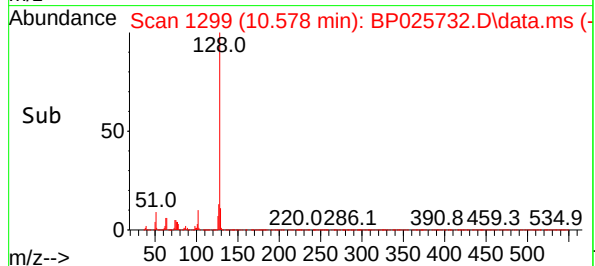
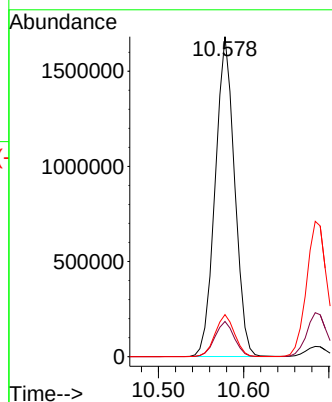
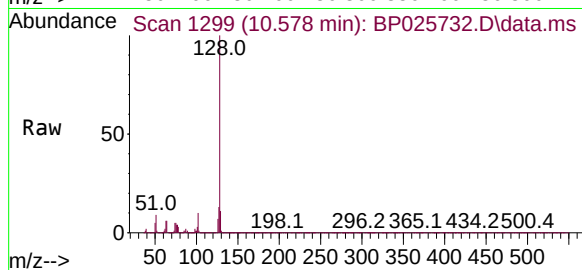
Tgt Ion:128 Resp: 2657135

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

127 13.2 10.2 15.4



#32

Benzoic acid

Concen: 87.910 ng

RT: 9.925 min Scan# 1188

Delta R.T. 0.047 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

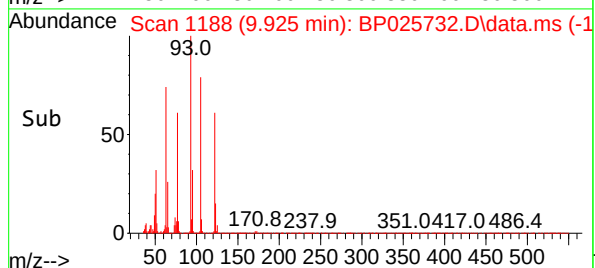
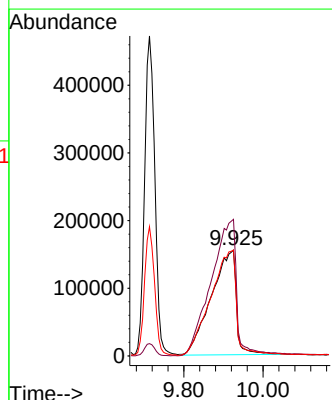
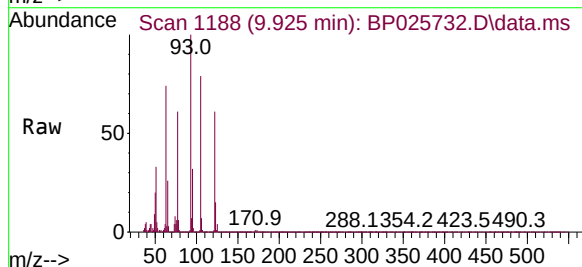
Tgt Ion:122 Resp: 680741

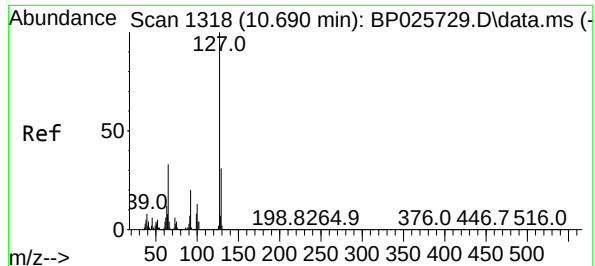
Ion Ratio Lower Upper

122 100

105 129.3 111.5 151.5

77 100.2 81.8 121.8



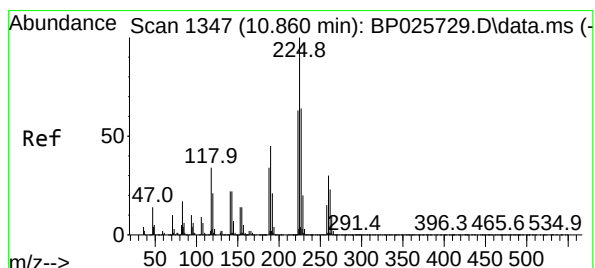
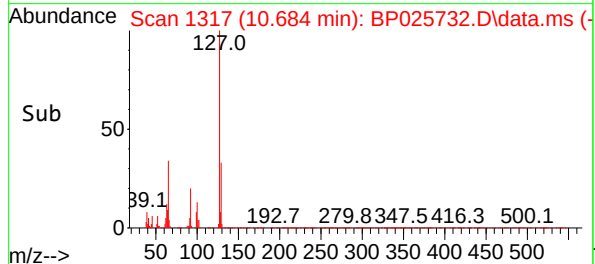
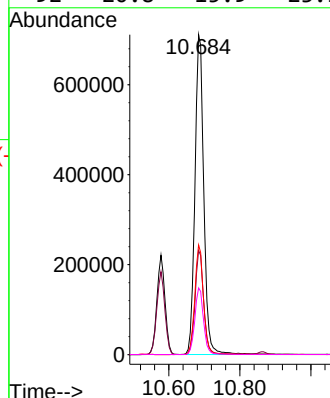
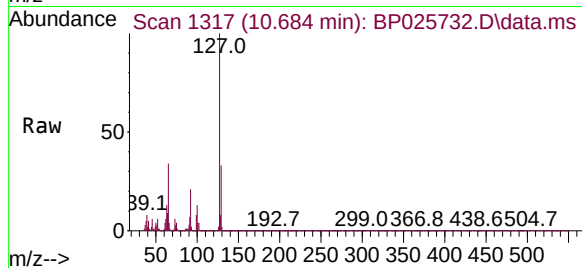


#33
4-Chloroaniline
Concen: 83.774 ng
RT: 10.684 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 1237939

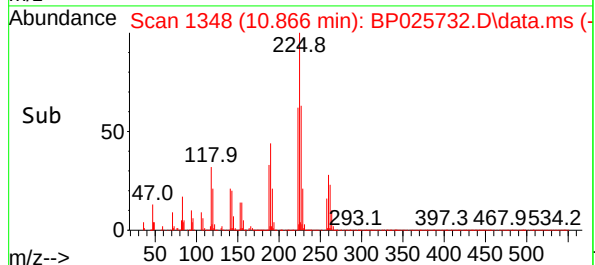
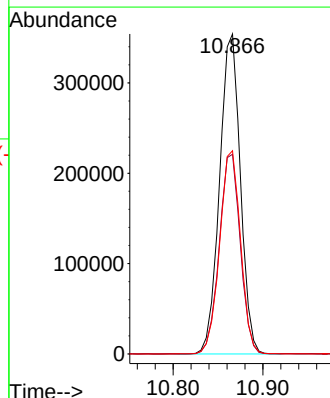
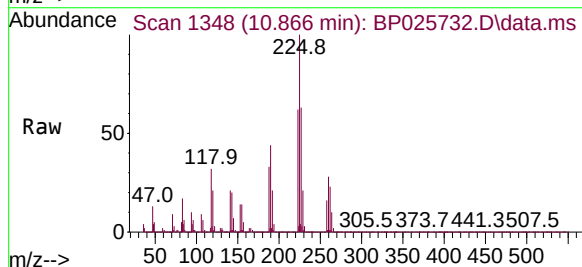
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.1	37.7
65	34.3	26.4	39.6
92	20.8	15.9	23.9

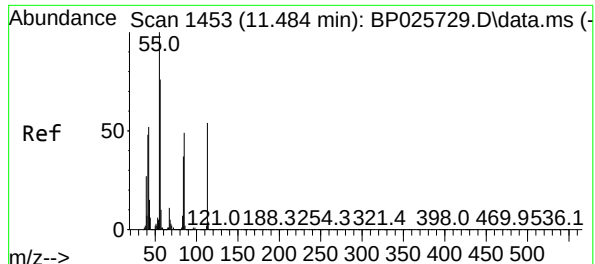


#34
Hexachlorobutadiene
Concen: 75.871 ng
RT: 10.866 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:225 Resp: 571616

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.1	75.1
227	63.5	51.2	76.8

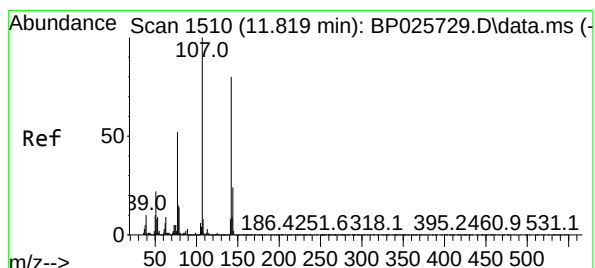
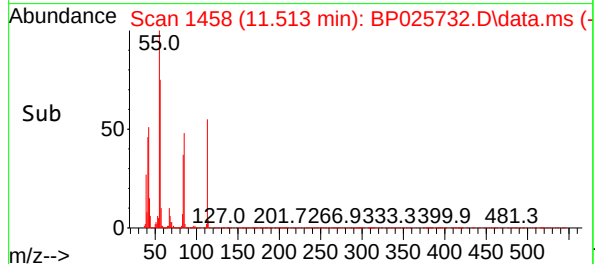
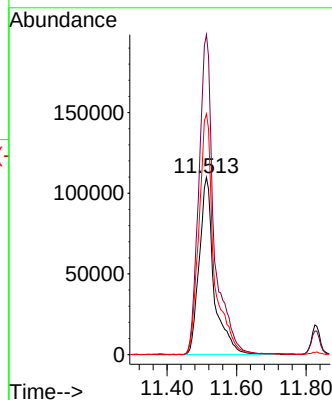
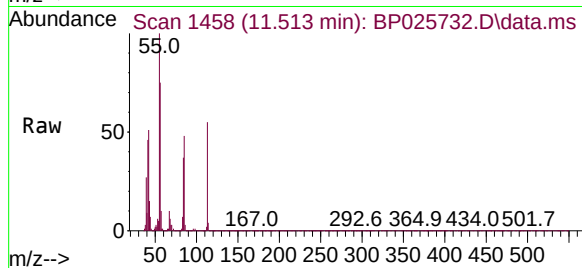




#35
Caprolactam
Concen: 81.266 ng
RT: 11.513 min Scan# 1453
Delta R.T. 0.029 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

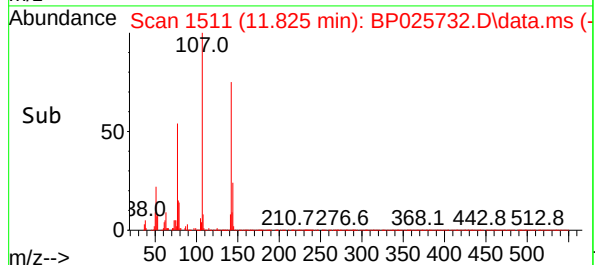
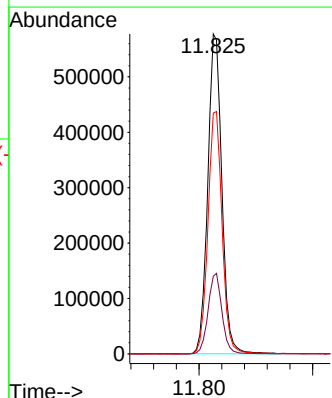
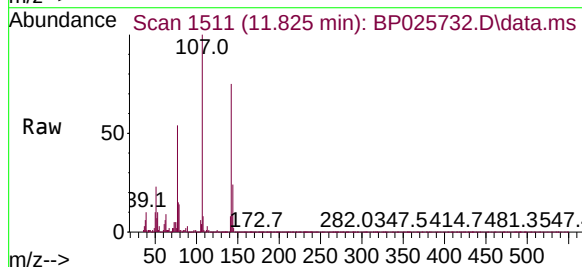
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

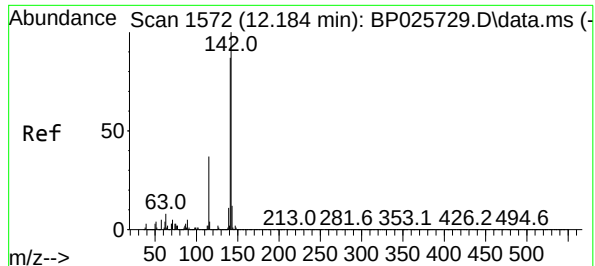
Tgt Ion	Ratio	Lower	Upper
113	100		
55	180.6	165.5	205.5
56	135.9	121.1	161.1



#36
4-Chloro-3-methylphenol
Concen: 80.654 ng
RT: 11.825 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.4	29.2
142	75.3	63.8	95.6

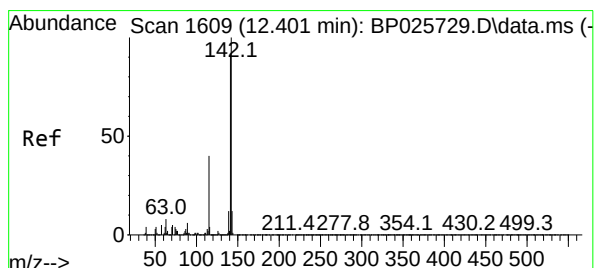
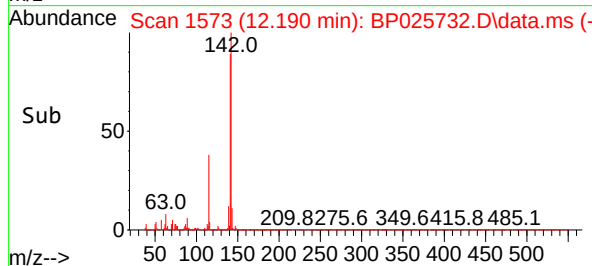
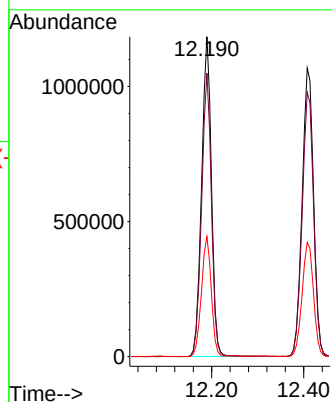
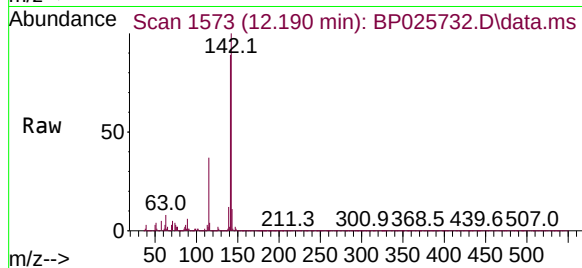




#37
2-Methylnaphthalene
Concen: 76.891 ng
RT: 12.190 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

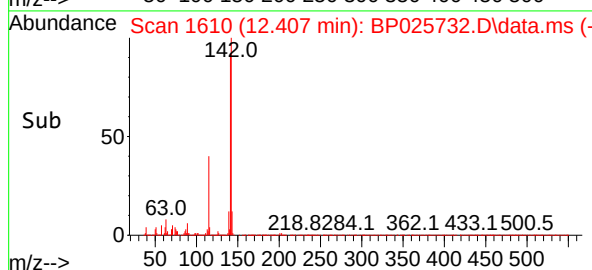
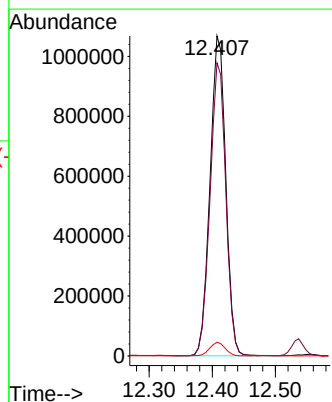
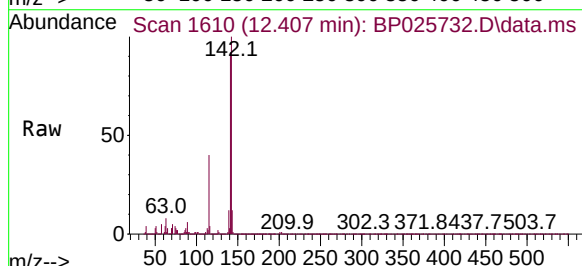
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

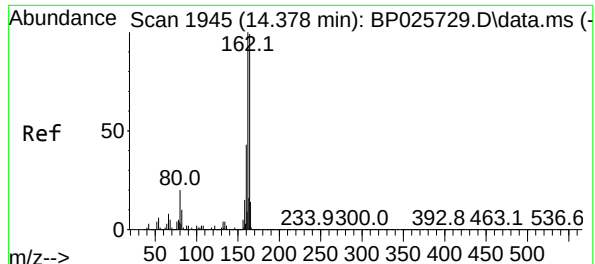
Tgt Ion:142 Resp: 1750889
Ion Ratio Lower Upper
142 100
141 88.5 69.6 104.4
115 37.5 30.0 45.0



#38
1-Methylnaphthalene
Concen: 76.178 ng
RT: 12.407 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:142 Resp: 1849786
Ion Ratio Lower Upper
142 100
141 91.6 72.7 109.1
116 4.3 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.384 min Scan# 1946

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

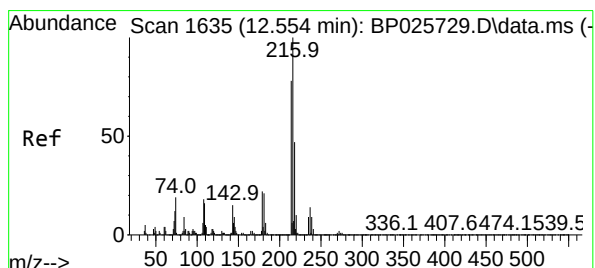
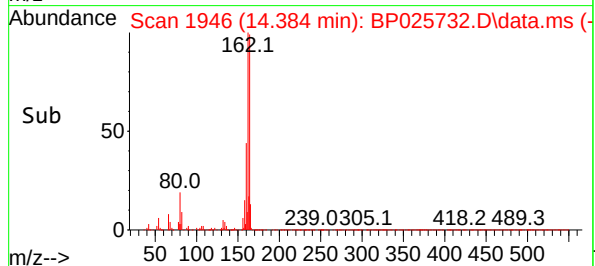
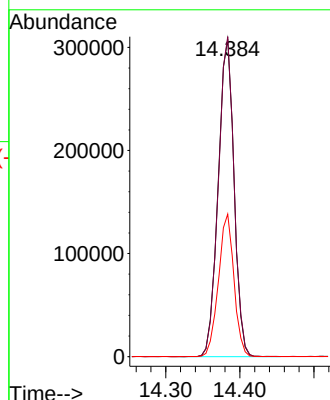
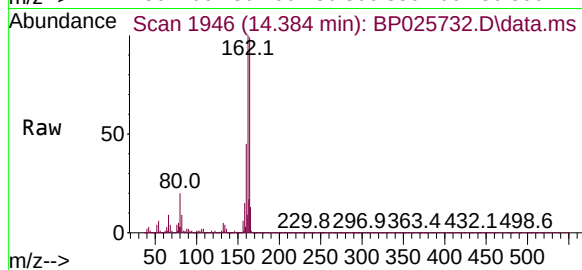
Tgt Ion:164 Resp: 457251

Ion Ratio Lower Upper

164 100

162 100.9 80.6 120.8

160 44.9 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 75.038 ng

RT: 12.554 min Scan# 1635

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Tgt Ion:216 Resp: 1039713

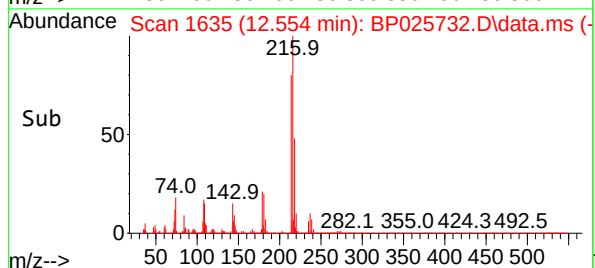
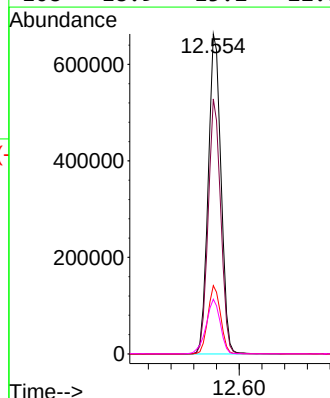
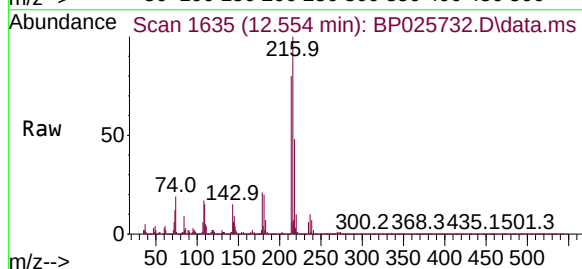
Ion Ratio Lower Upper

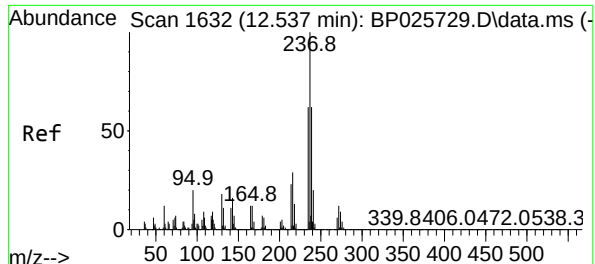
216 100

214 78.4 62.4 93.6

179 21.1 17.0 25.6

108 18.9 15.2 22.8

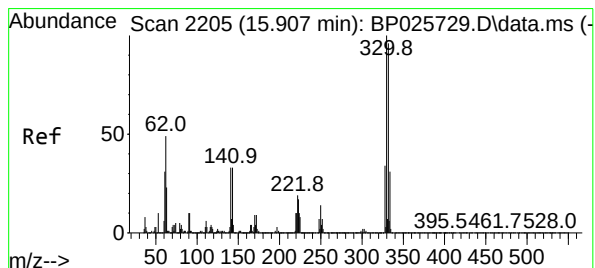
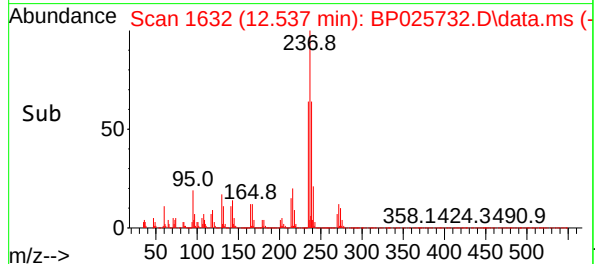
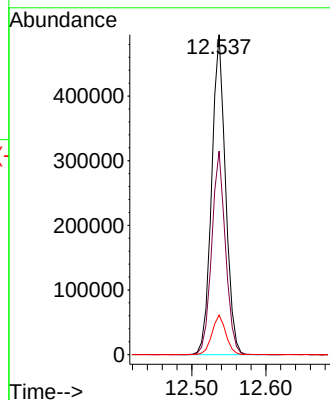
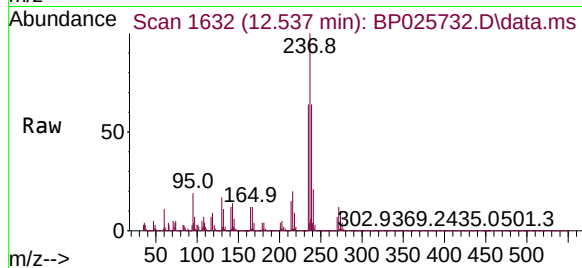




#41
Hexachlorocyclopentadiene
Concen: 84.983 ng
RT: 12.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

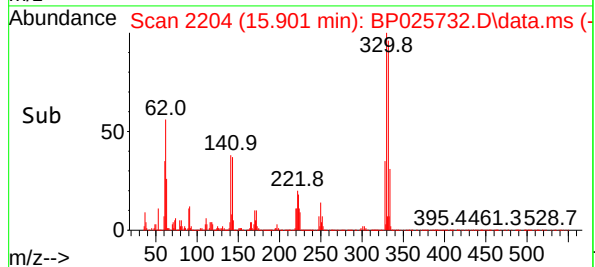
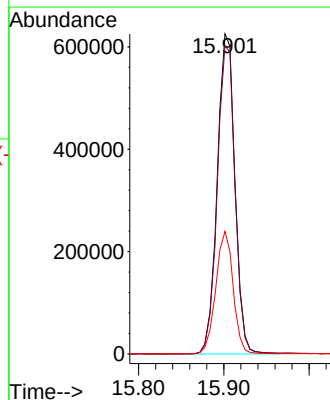
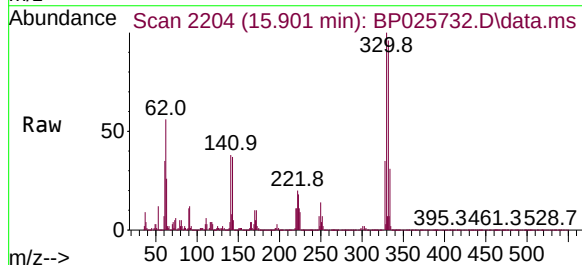
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

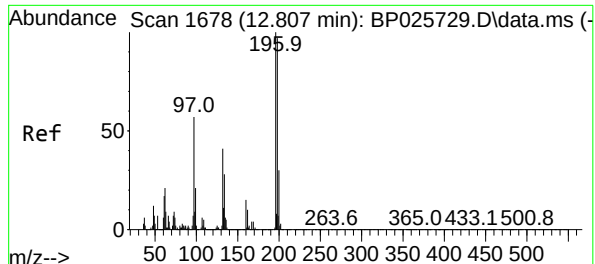
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.6	41.9	81.9
272	12.3	0.0	31.8



#42
2,4,6-Tribromophenol
Concen: 158.067 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	37.7	31.0	46.4





#43

2,4,6-Trichlorophenol

Concen: 79.683 ng

RT: 12.807 min Scan# 1678

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

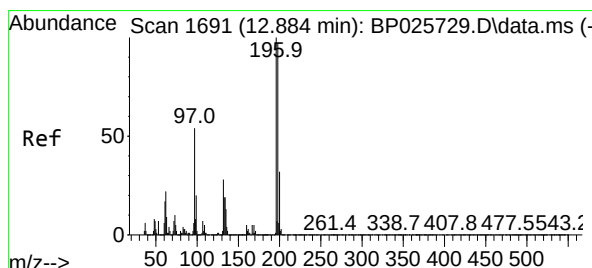
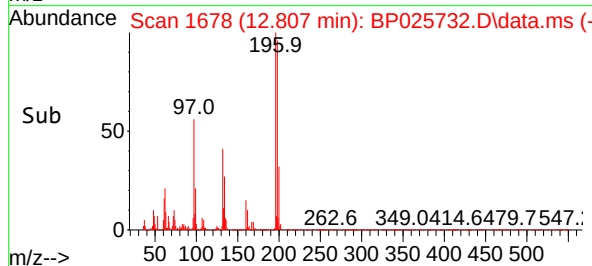
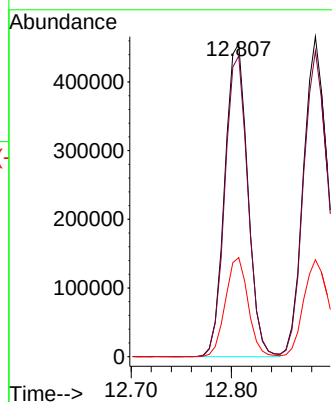
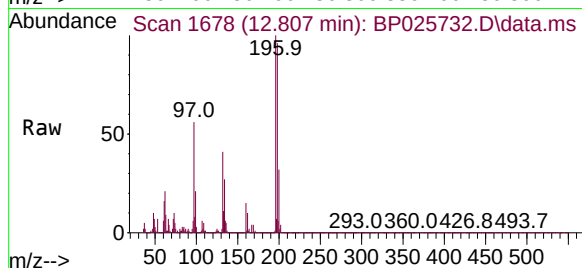
Tgt Ion:196 Resp: 725824

Ion Ratio Lower Upper

196 100

198 96.1 77.2 115.8

200 31.7 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 79.601 ng

RT: 12.884 min Scan# 1691

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Tgt Ion:196 Resp: 806956

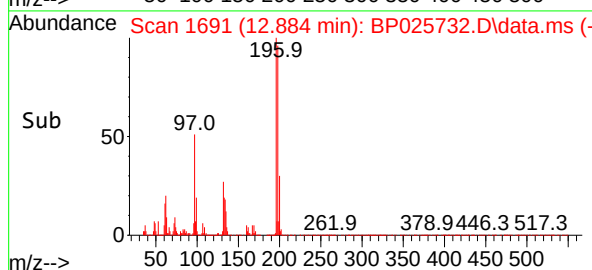
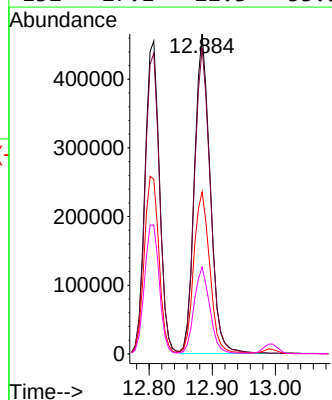
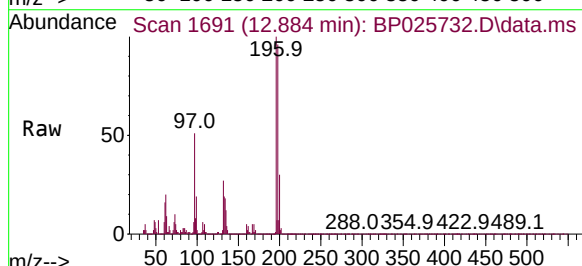
Ion Ratio Lower Upper

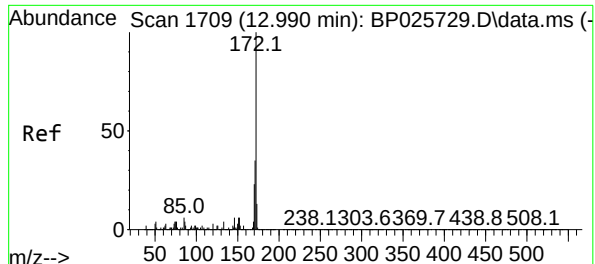
196 100

198 95.5 77.8 116.8

97 50.6 43.3 64.9

132 27.1 22.3 33.5

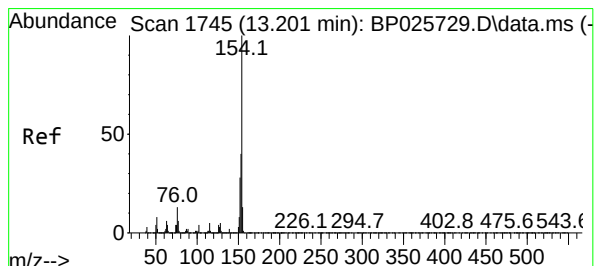
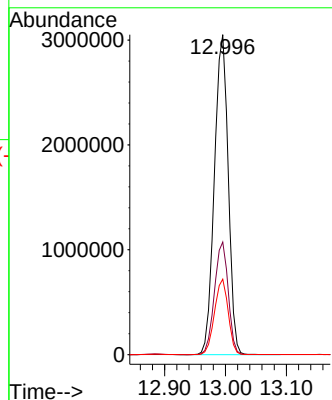
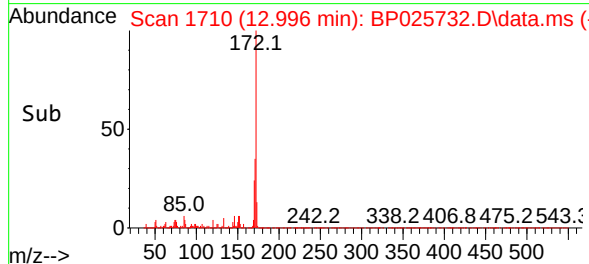
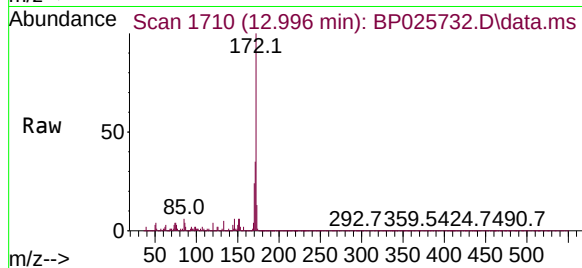




#45
2-Fluorobiphenyl
Concen: 140.360 ng
RT: 12.996 min Scan# 1710
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

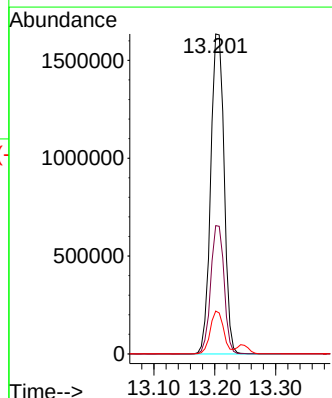
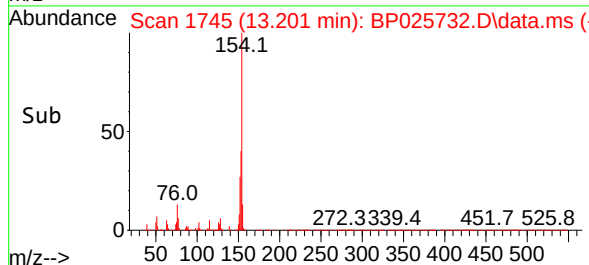
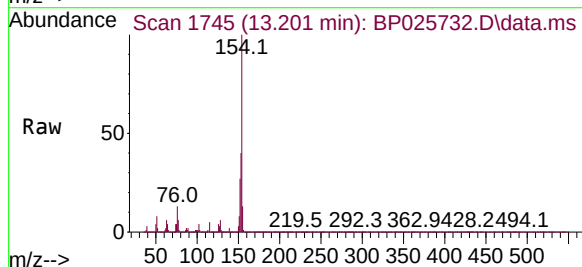
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

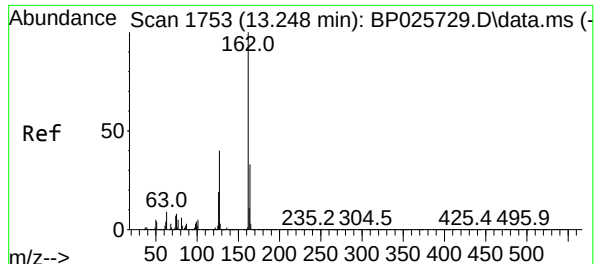
Tgt Ion:172 Resp: 4820104
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.6 18.6 27.8



#46
1,1'-Biphenyl
Concen: 74.426 ng
RT: 13.201 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:154 Resp: 2497929
Ion Ratio Lower Upper
154 100
153 40.1 19.7 59.7
76 13.4 0.0 33.3





#47

2-Chloronaphthalene

Concen: 74.255 ng

RT: 13.243 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

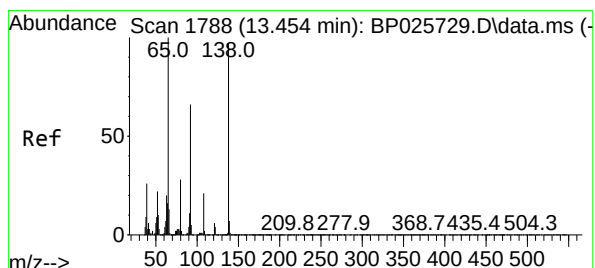
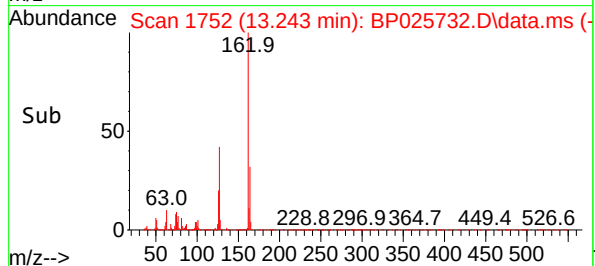
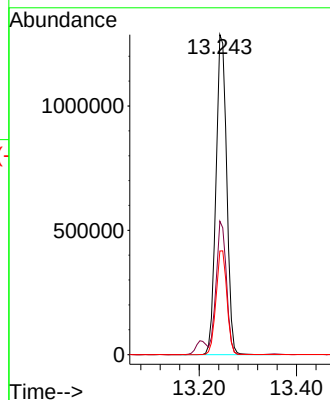
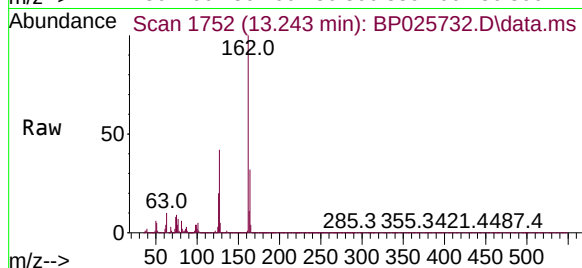
Tgt Ion:162 Resp: 1962349

Ion Ratio Lower Upper

162 100

127 41.7 32.2 48.4

164 32.4 26.5 39.7



#48

2-Nitroaniline

Concen: 83.218 ng

RT: 13.454 min Scan# 1788

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

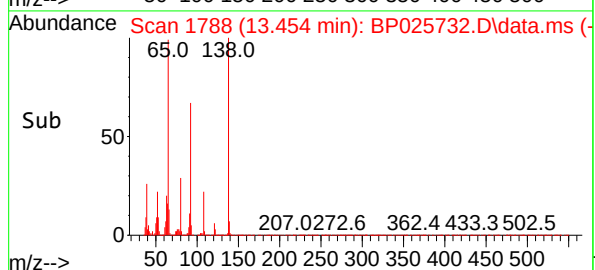
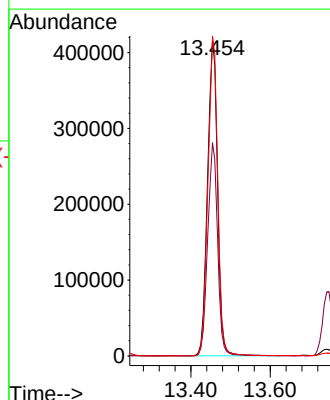
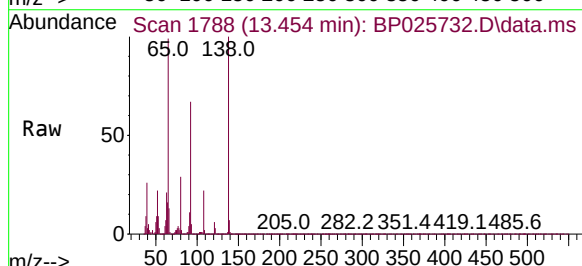
Tgt Ion: 65 Resp: 733091

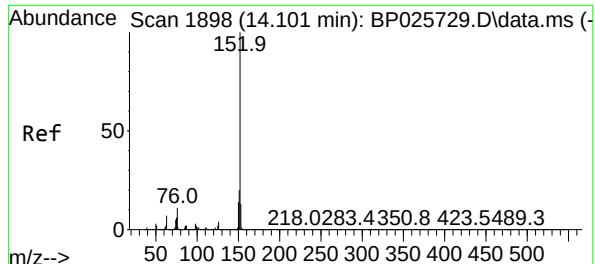
Ion Ratio Lower Upper

65 100

92 67.4 53.1 79.7

138 101.1 77.8 116.8





#49

Acenaphthylene

Concen: 75.625 ng

RT: 14.107 min Scan# 1898

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

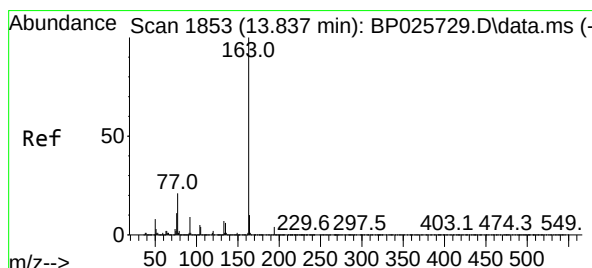
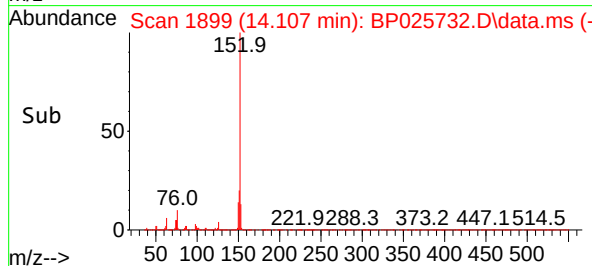
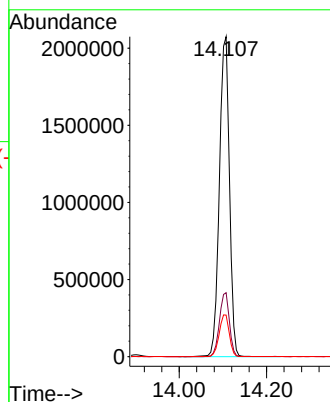
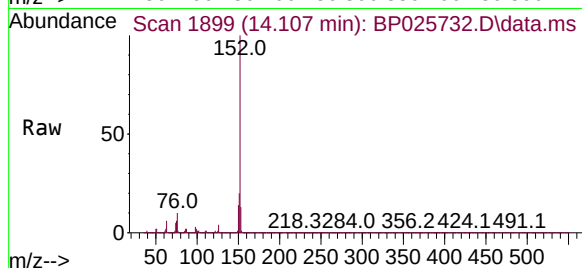
Tgt Ion:152 Resp: 3311359

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.6

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 74.909 ng

RT: 13.843 min Scan# 1854

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

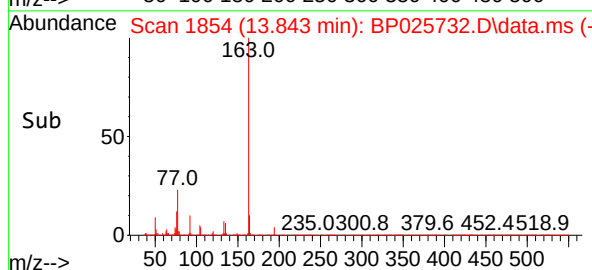
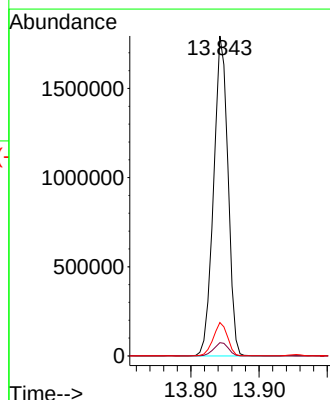
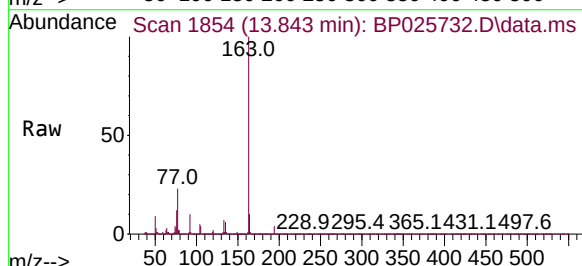
Tgt Ion:163 Resp: 2615037

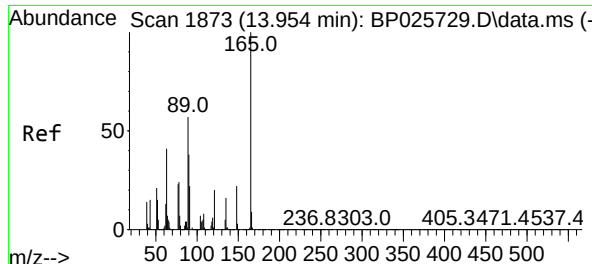
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.4 8.2 12.2

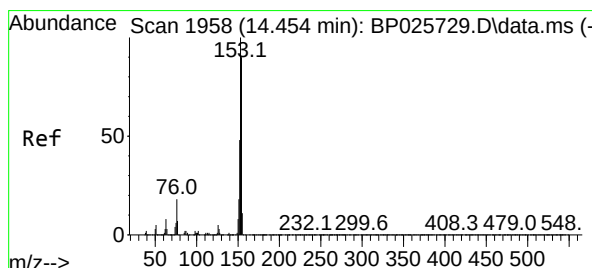
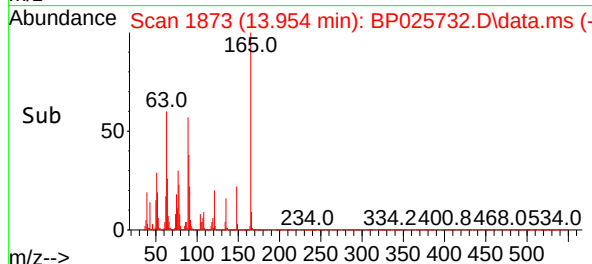
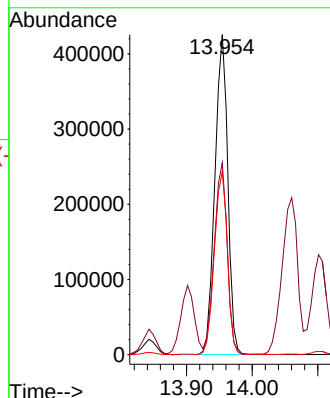
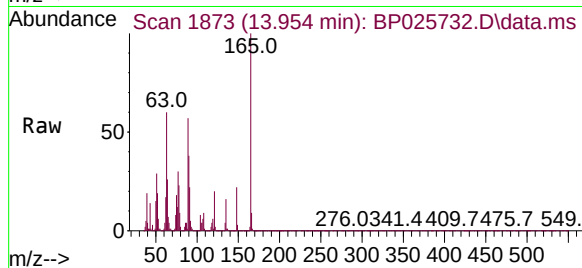




#51
2,6-Dinitrotoluene
Concen: 78.530 ng
RT: 13.954 min Scan# 1873
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

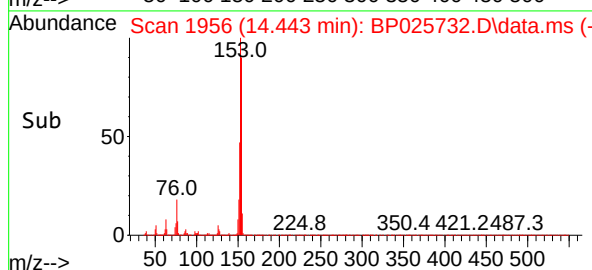
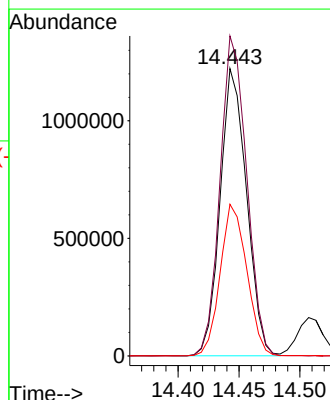
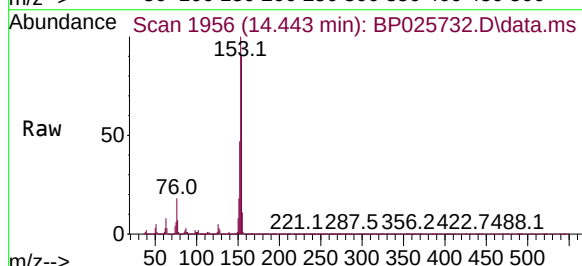
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

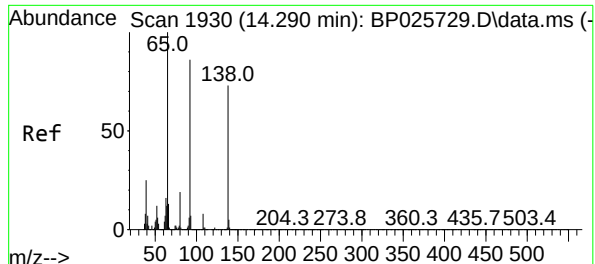
Tgt Ion:	165	Resp:	580821
Ion Ratio	Lower	Upper	
165	100		
63	59.9	48.1	72.1
89	57.1	45.4	68.0



#52
Acenaphthene
Concen: 73.121 ng
RT: 14.443 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:	154	Resp:	1846398
Ion Ratio	Lower	Upper	
154	100		
153	111.4	89.4	134.0
152	52.8	42.5	63.7

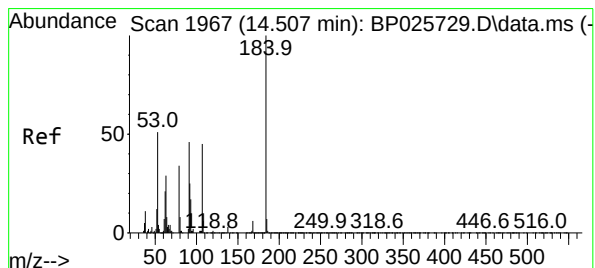
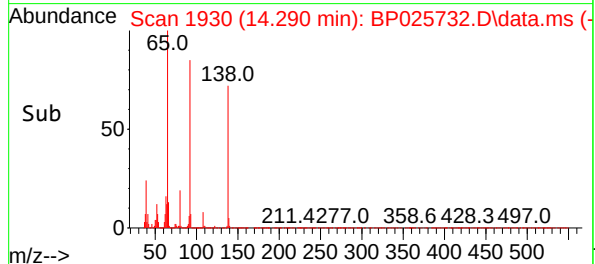
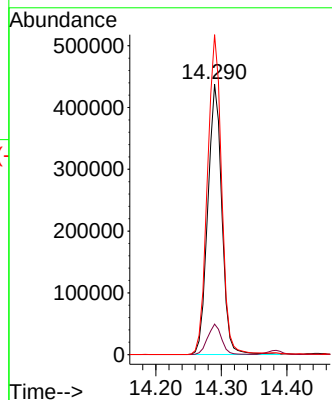
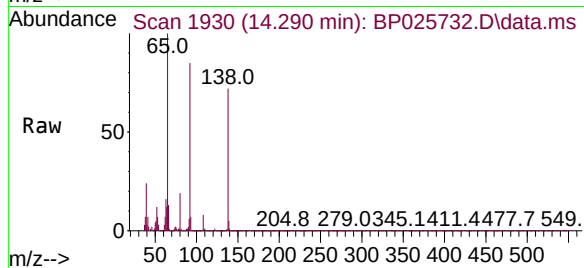




#53
3-Nitroaniline
Concen: 83.474 ng
RT: 14.290 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

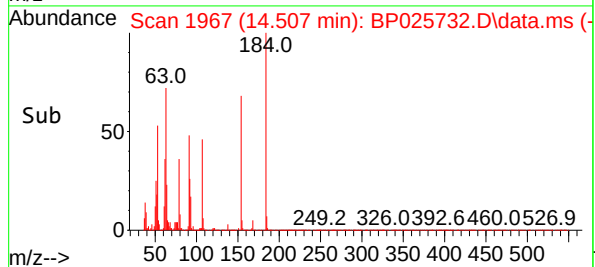
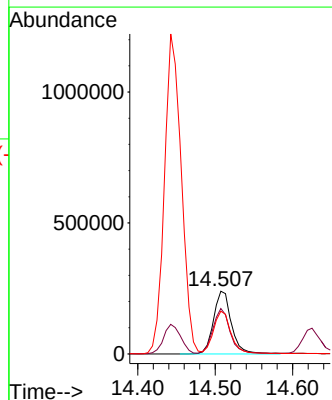
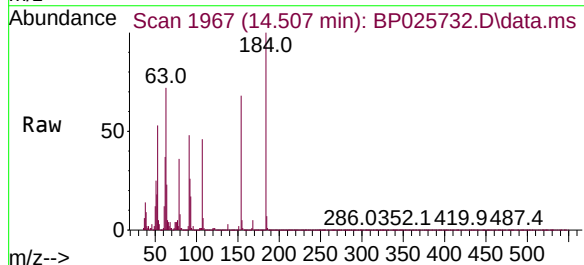
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

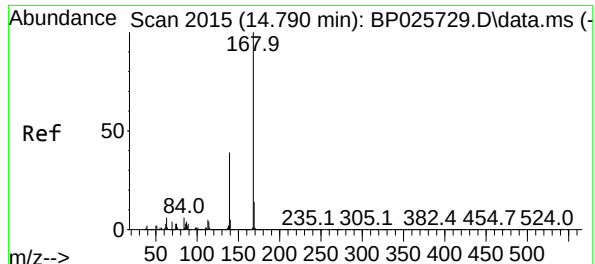
Tgt Ion:138 Resp: 649230
Ion Ratio Lower Upper
138 100
108 11.3 8.7 13.1
92 118.4 94.6 142.0



#54
2,4-Dinitrophenol
Concen: 79.506 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:184 Resp: 382175
Ion Ratio Lower Upper
184 100
63 72.4 52.5 78.7
154 68.1 51.5 77.3





#55

Dibenzofuran

Concen: 72.882 ng

RT: 14.790 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

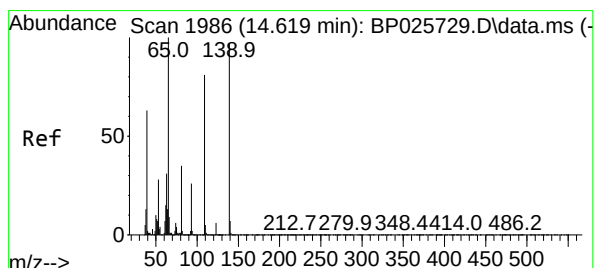
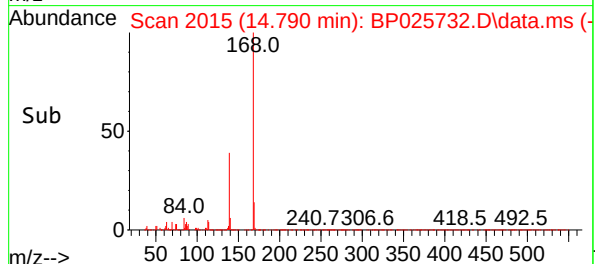
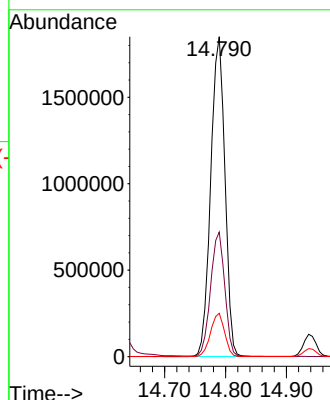
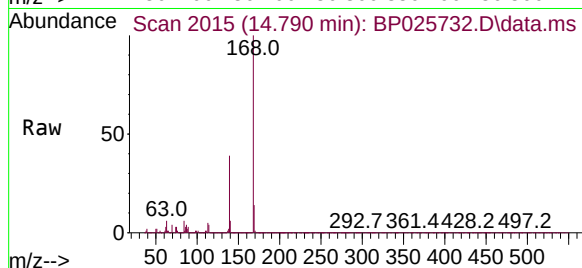
Tgt Ion:168 Resp: 2999483

Ion Ratio Lower Upper

168 100

139 39.0 31.7 47.5

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 78.823 ng

RT: 14.625 min Scan# 1987

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

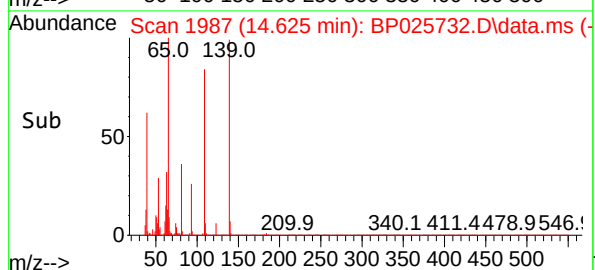
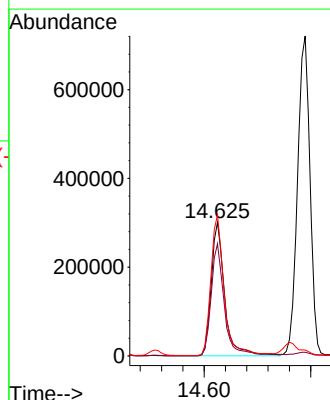
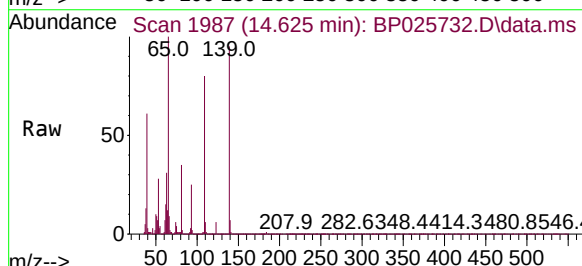
Tgt Ion:139 Resp: 527475

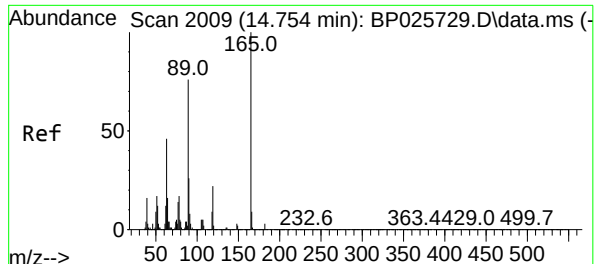
Ion Ratio Lower Upper

139 100

109 84.0 62.9 102.9

65 105.6 83.4 123.4

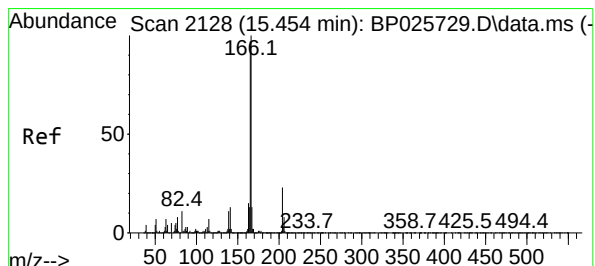
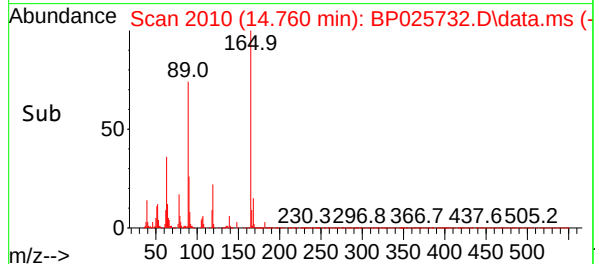
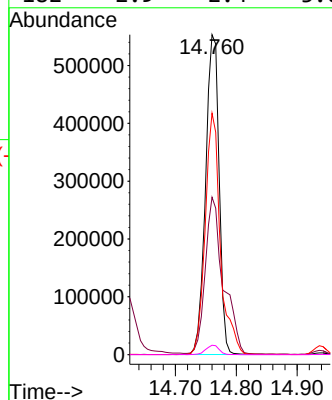
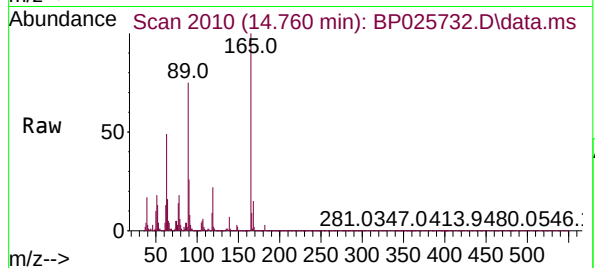




#57
2,4-Dinitrotoluene
Concen: 81.062 ng
RT: 14.760 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

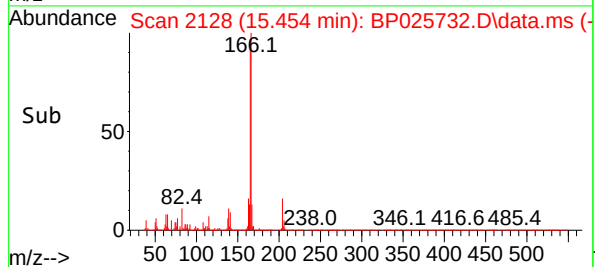
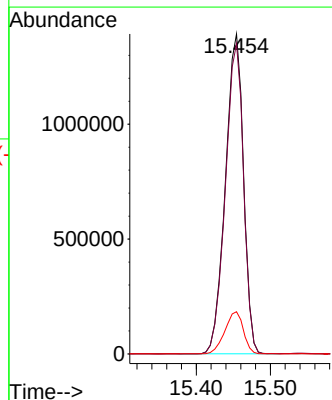
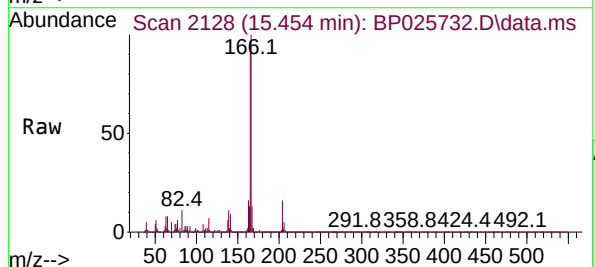
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

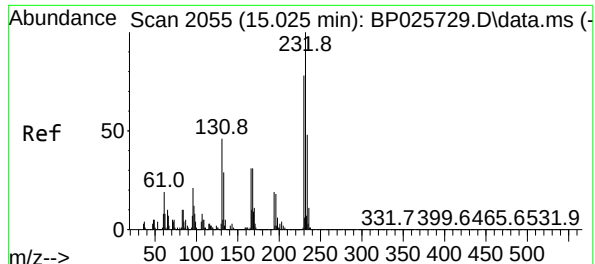
Tgt Ion:165 Resp: 853243
Ion Ratio Lower Upper
165 100
63 49.2 37.7 56.5
89 75.4 61.0 91.6
182 2.9 2.4 3.6



#58
Fluorene
Concen: 72.225 ng
RT: 15.454 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:166 Resp: 2363617
Ion Ratio Lower Upper
166 100
165 97.0 77.7 116.5
167 13.2 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 79.155 ng

RT: 15.019 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:232 Resp: 722846

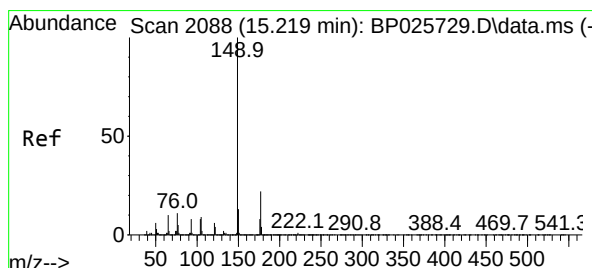
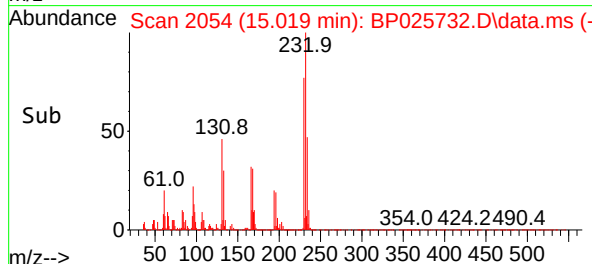
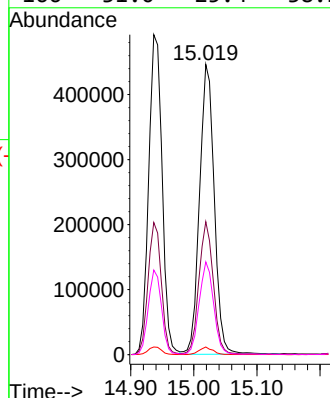
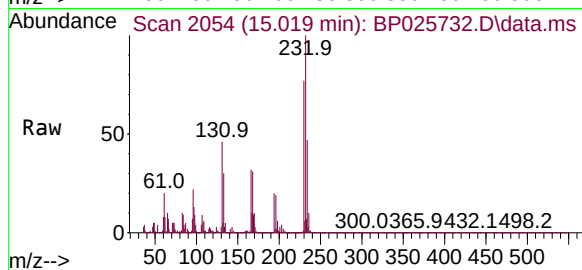
Ion Ratio Lower Upper

232 100

131 44.8 36.7 55.1

130 2.4 2.0 3.0

166 31.0 25.4 38.2



#60

Diethylphthalate

Concen: 75.646 ng

RT: 15.225 min Scan# 2089

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

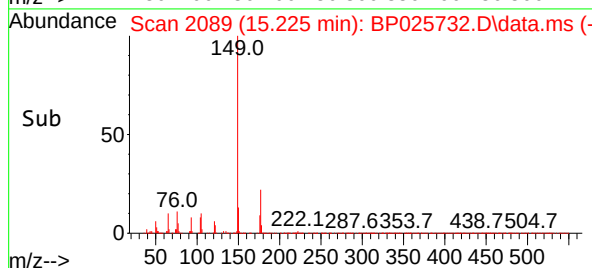
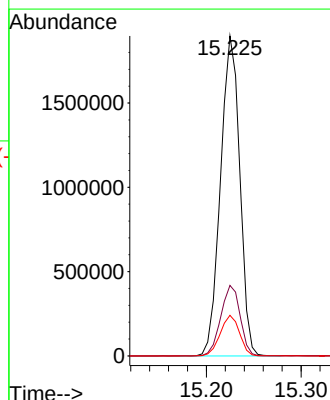
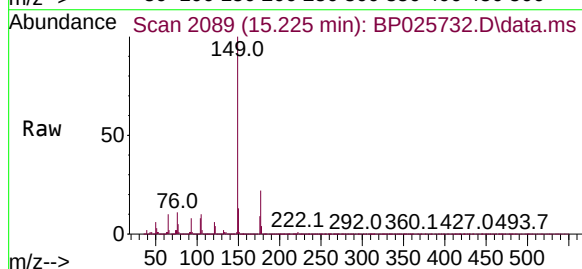
Tgt Ion:149 Resp: 2678679

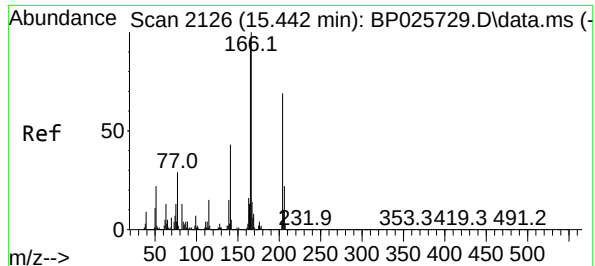
Ion Ratio Lower Upper

149 100

177 22.0 17.7 26.5

150 12.7 10.0 15.0

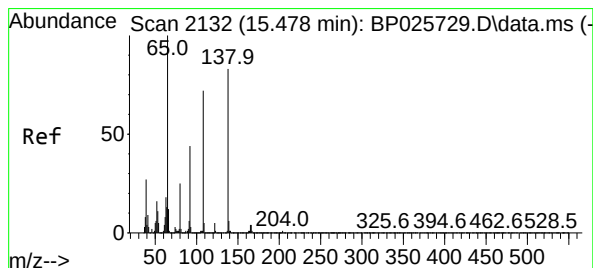
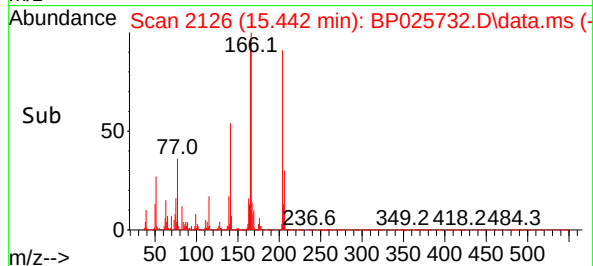
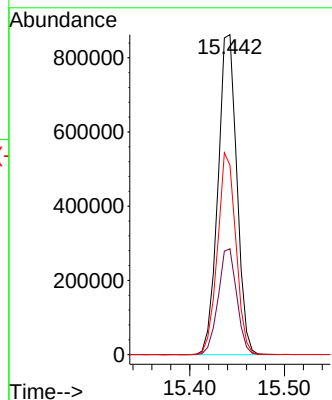
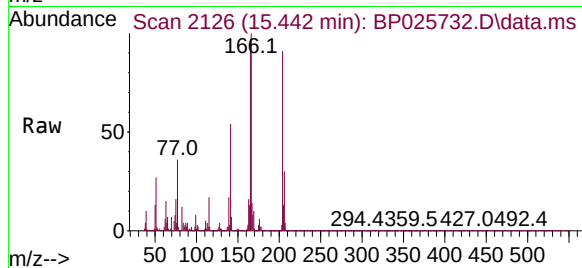




#61
4-Chlorophenyl-phenylether
Concen: 72.181 ng
RT: 15.442 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

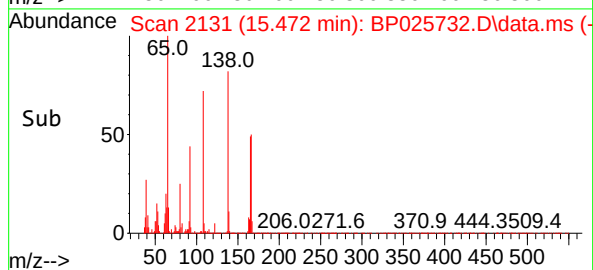
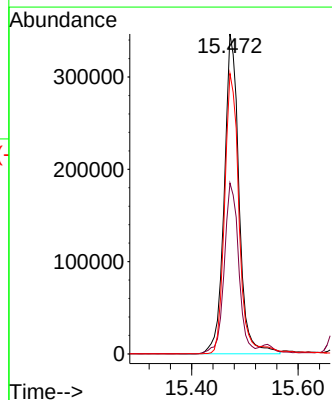
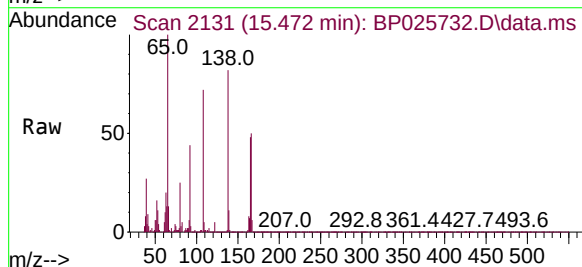
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

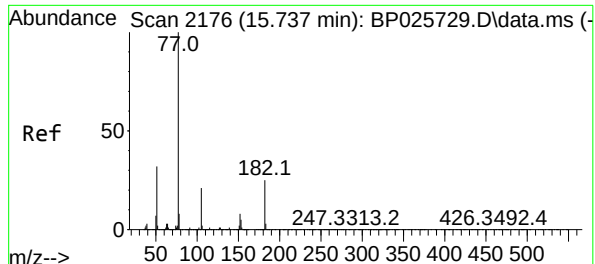
Tgt Ion:204 Resp: 1190470
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 59.2 49.7 74.5



#62
4-Nitroaniline
Concen: 83.790 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:138 Resp: 667122
Ion Ratio Lower Upper
138 100
92 53.4 33.3 73.3
108 87.6 66.7 106.7

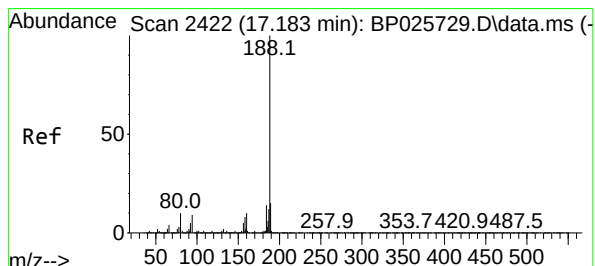
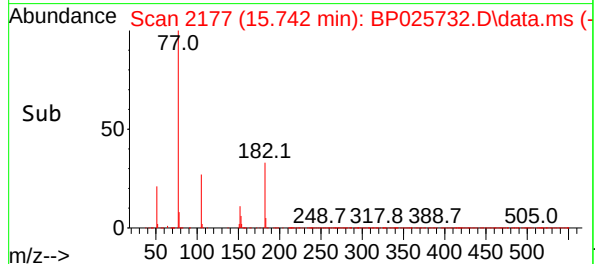
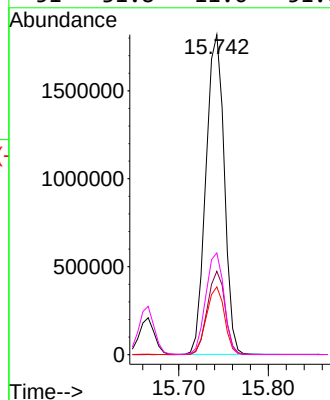
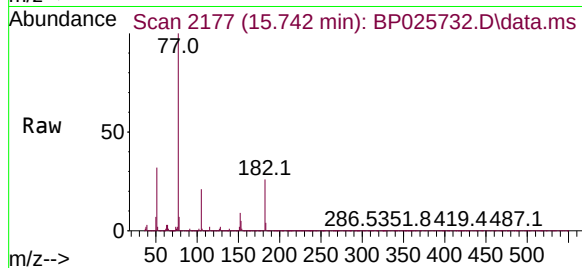




#63
Azobenzene
Concen: 75.299 ng
RT: 15.742 min Scan# 2176
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

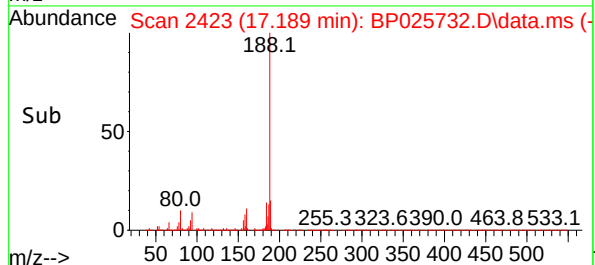
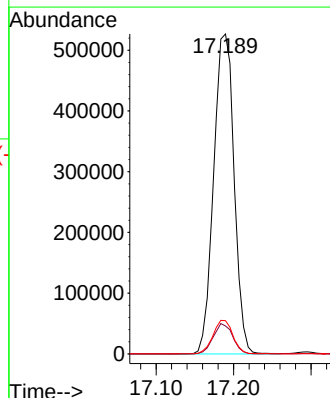
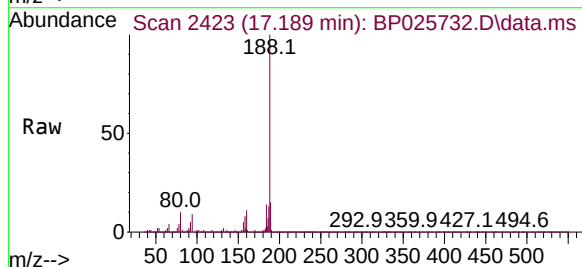
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

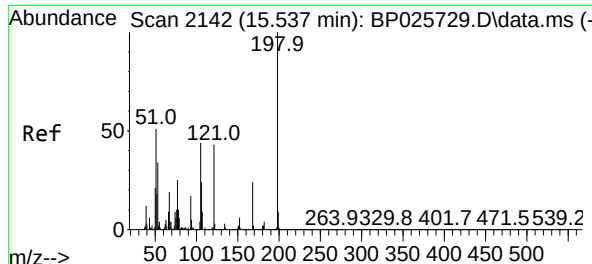
Tgt Ion: 77 Resp: 2578205
Ion Ratio Lower Upper
77 100
182 26.0 5.2 45.2
105 21.2 1.1 41.1
51 31.8 11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:188 Resp: 963896
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.0
80 10.4 7.7 11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 83.783 ng

RT: 15.542 min Scan# 2143

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

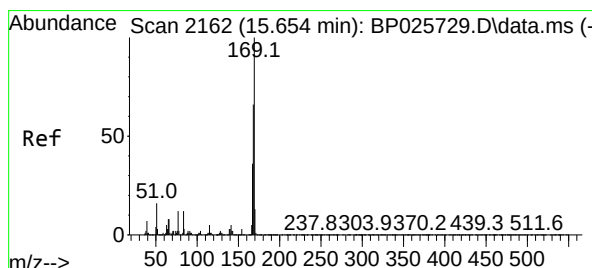
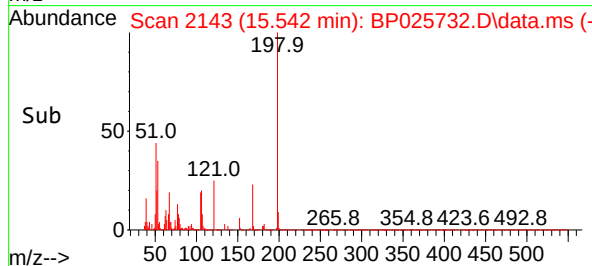
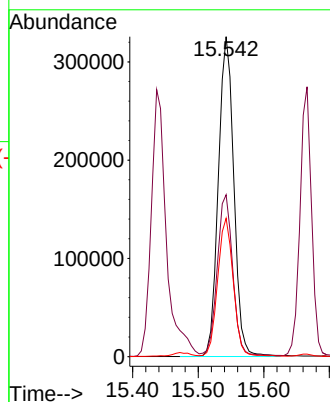
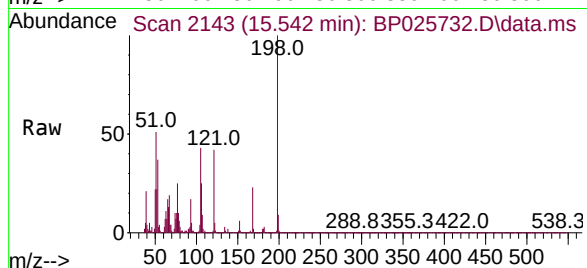
Tgt Ion:198 Resp: 537070

Ion Ratio Lower Upper

198 100

51 50.6 33.4 73.4

105 43.2 24.3 64.3



#66

n-Nitrosodiphenylamine

Concen: 71.530 ng

RT: 15.666 min Scan# 2164

Delta R.T. 0.012 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

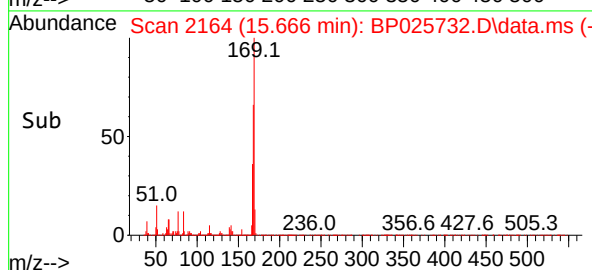
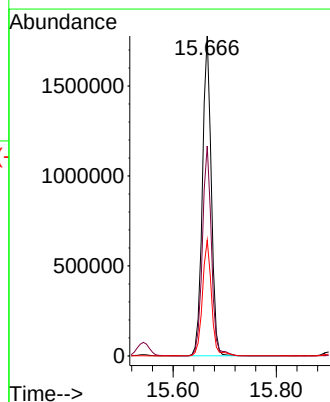
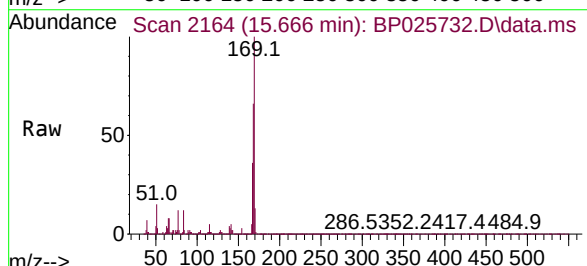
Tgt Ion:169 Resp: 2109969

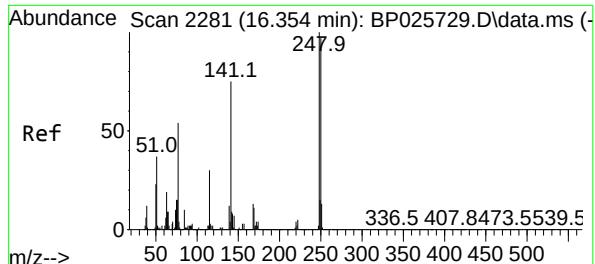
Ion Ratio Lower Upper

169 100

168 65.6 52.6 78.8

167 36.2 28.5 42.7

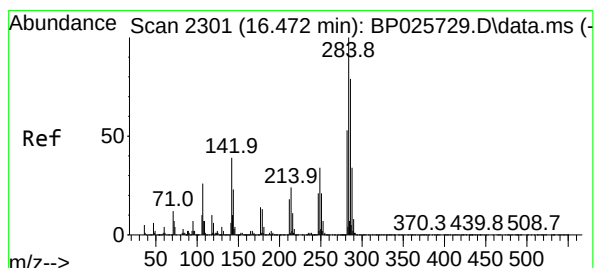
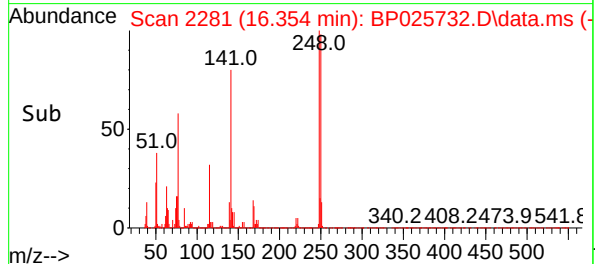
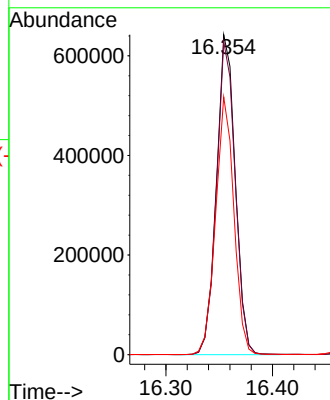
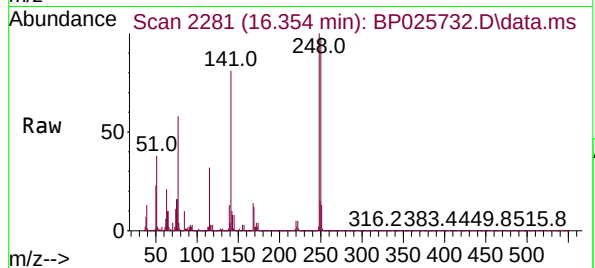




#67
4-Bromophenyl-phenylether
Concen: 74.816 ng
RT: 16.354 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

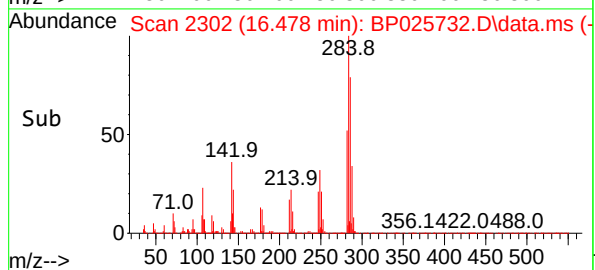
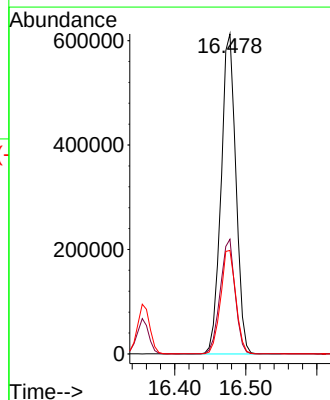
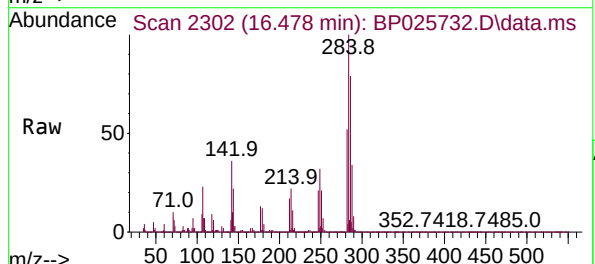
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

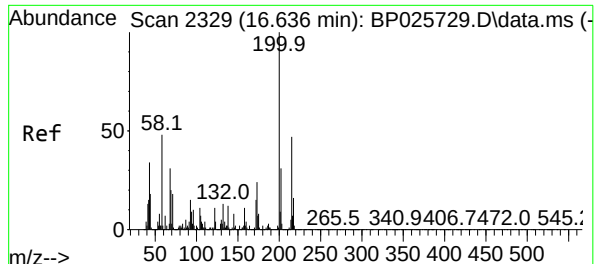
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.5	116.3
141	80.5	60.2	90.4



#68
Hexachlorobenzene
Concen: 75.546 ng
RT: 16.478 min Scan# 2302
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.8	31.3	46.9
249	32.3	27.3	40.9

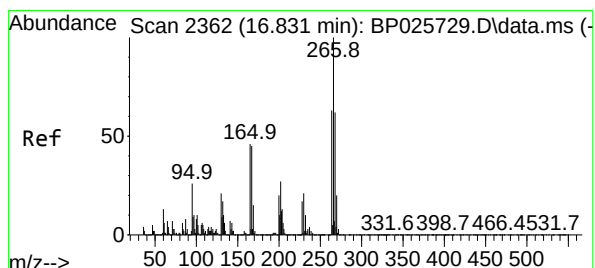
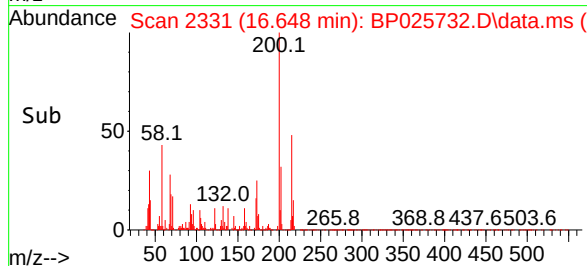
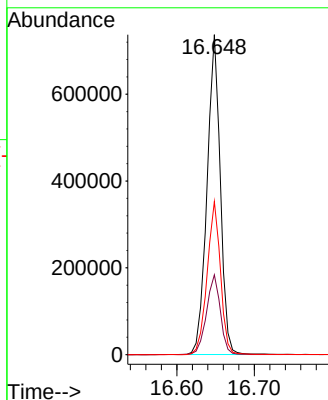
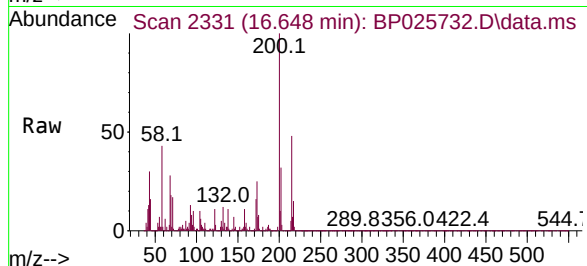




#69
Atrazine
Concen: 77.763 ng
RT: 16.648 min Scan# 2331
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

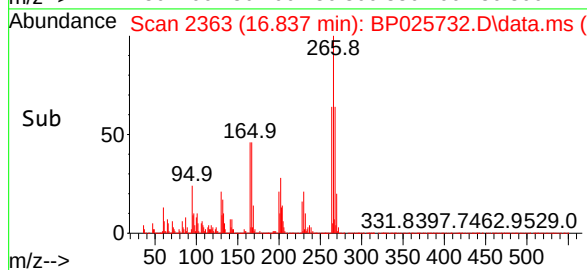
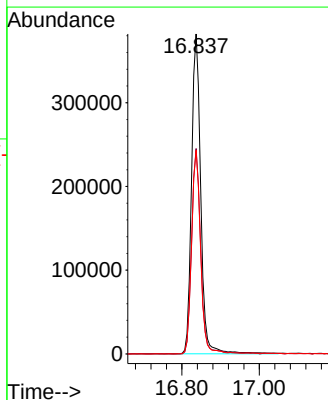
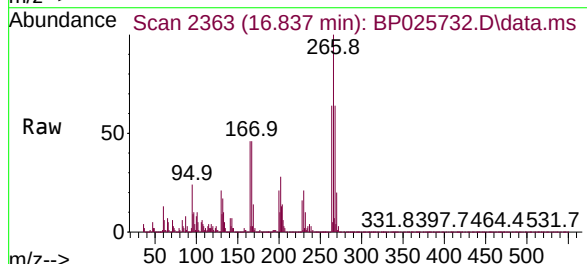
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

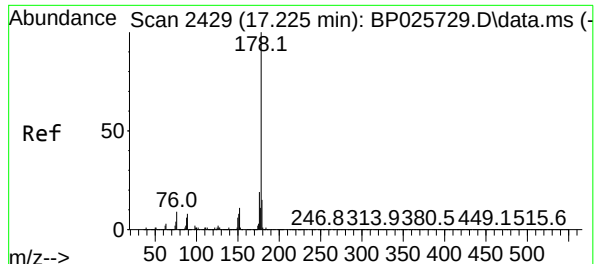
Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.9	4.2	44.2
215	47.8	27.3	67.3



#70
Pentachlorophenol
Concen: 80.808 ng
RT: 16.837 min Scan# 2363
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	49.8	74.8
264	63.6	50.2	75.2

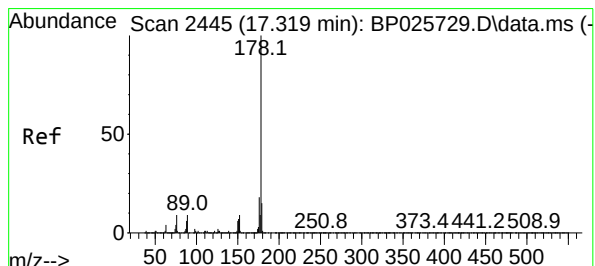
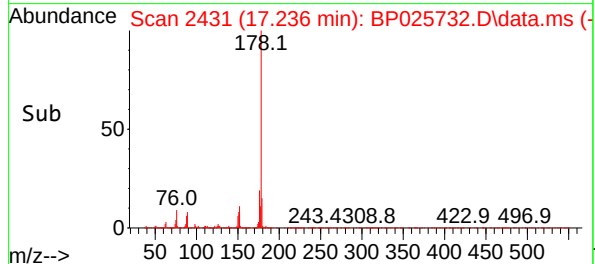
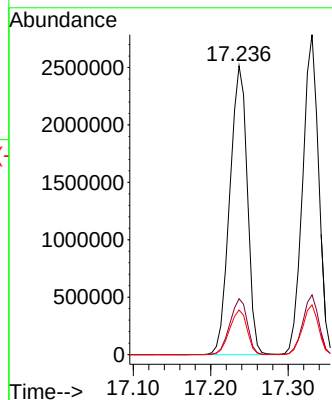
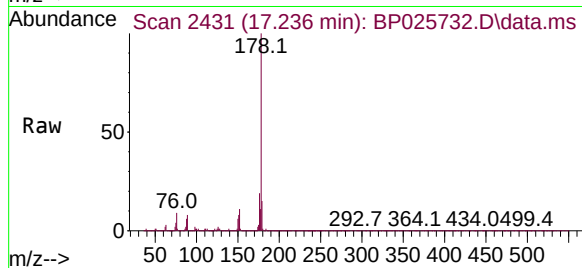




#71
Phenanthrene
Concen: 72.431 ng
RT: 17.236 min Scan# 2429
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

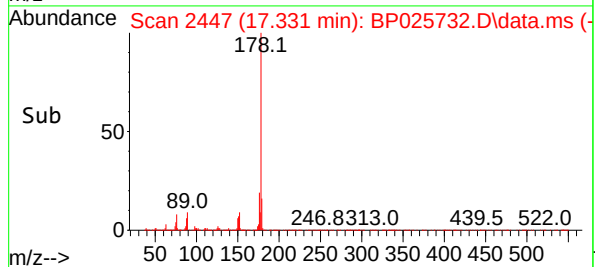
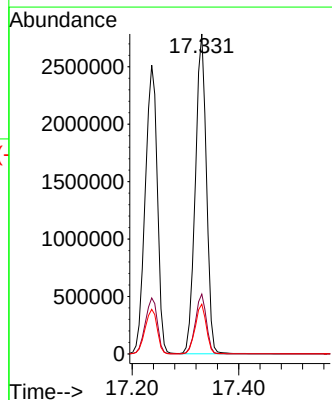
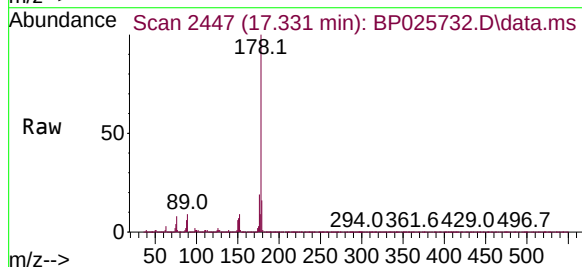
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

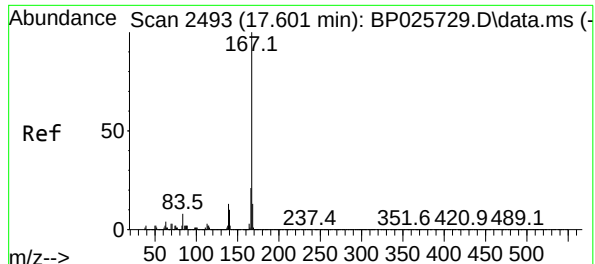
Tgt Ion:178 Resp: 3960390
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.5 12.2 18.4



#72
Anthracene
Concen: 72.588 ng
RT: 17.331 min Scan# 2447
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:178 Resp: 4027019
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.5 12.2 18.4

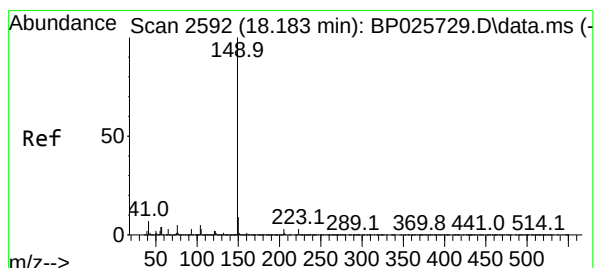
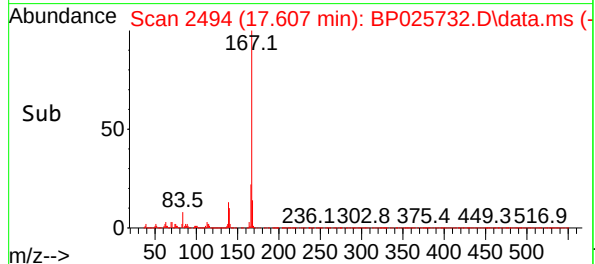
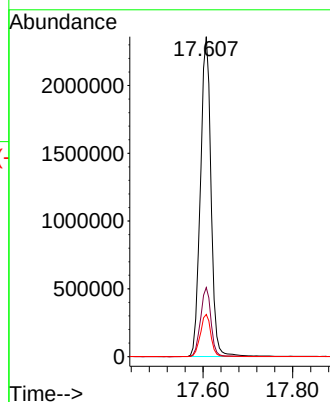
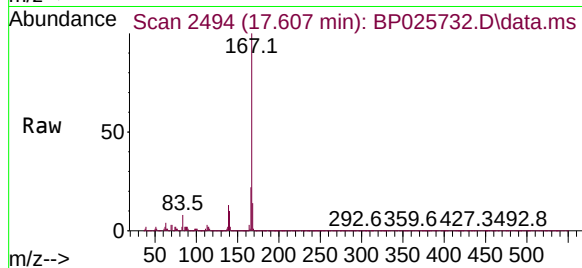




#73
Carbazole
Concen: 74.694 ng
RT: 17.607 min Scan# 2493
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

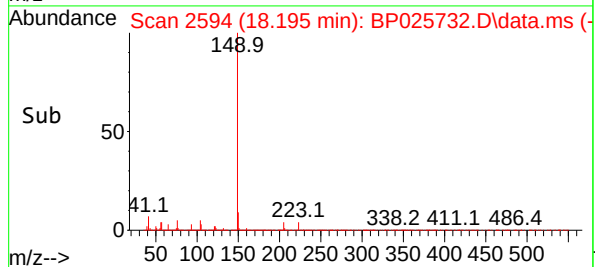
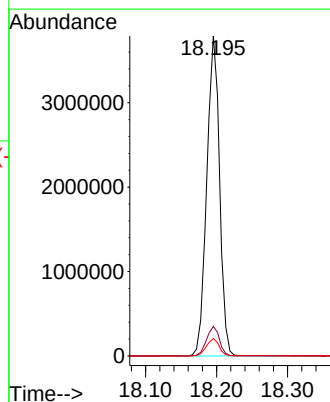
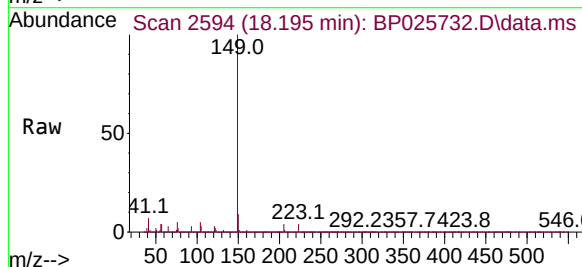
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

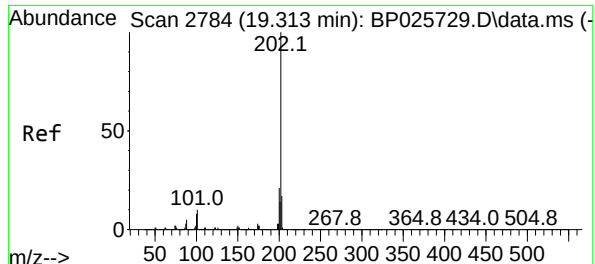
Tgt Ion:167 Resp: 3852545
Ion Ratio Lower Upper
167 100
166 21.6 17.0 25.4
139 13.2 10.6 16.0



#74
Di-n-butylphthalate
Concen: 74.340 ng
RT: 18.195 min Scan# 2594
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:149 Resp: 4705330
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.4 4.3 6.5

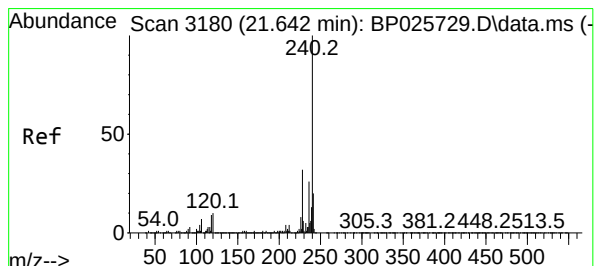
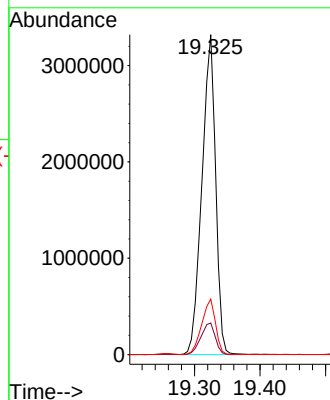
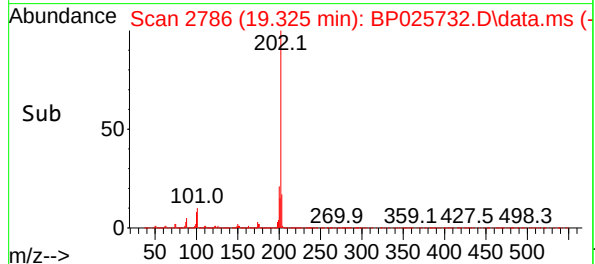
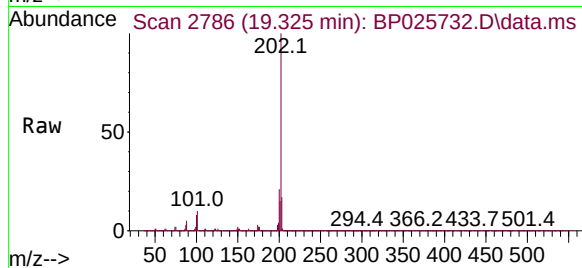




#75
Fluoranthene
Concen: 72.998 ng
RT: 19.325 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

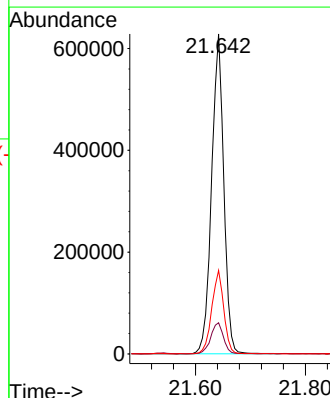
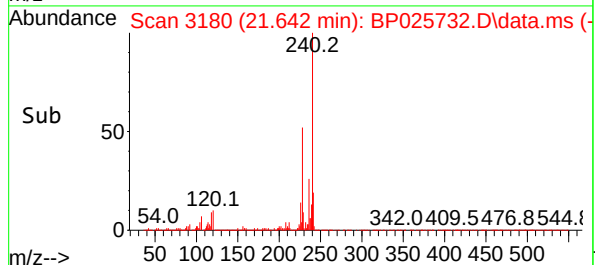
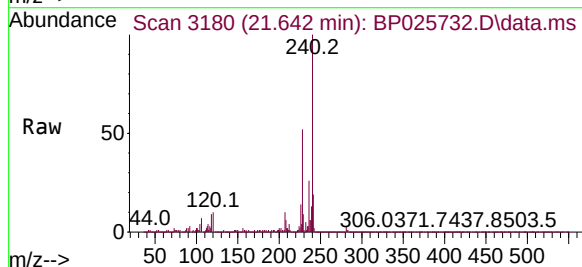
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

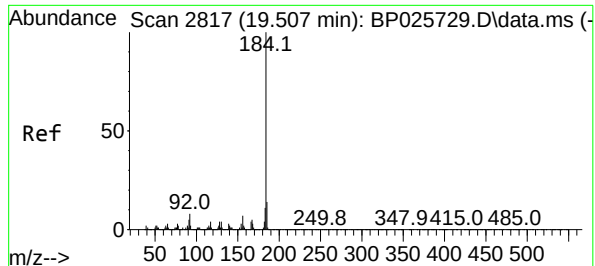
Tgt Ion:202 Resp: 4786922
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.4
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:240 Resp: 964091
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 26.1 20.7 31.1

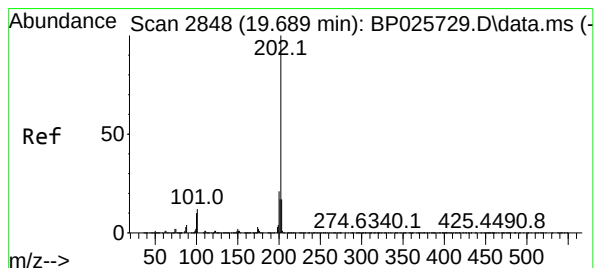
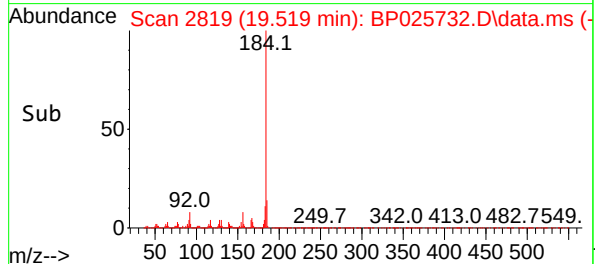
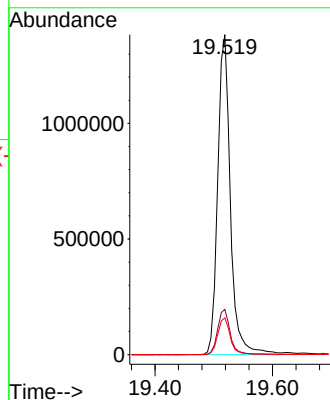
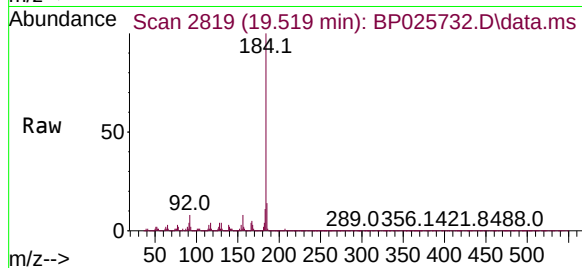




#77
Benzidine
Concen: 74.384 ng
RT: 19.519 min Scan# 2819
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

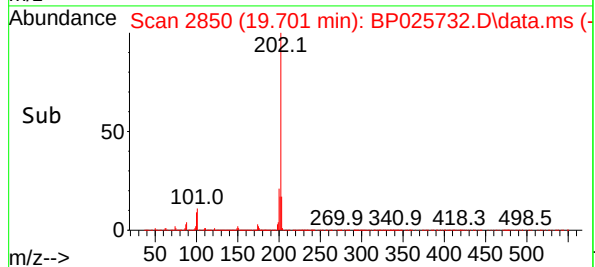
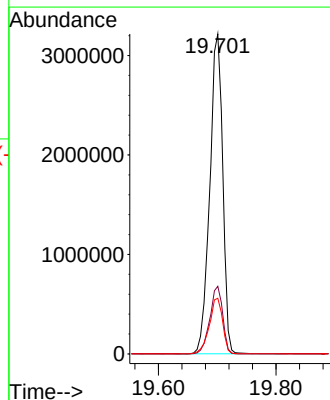
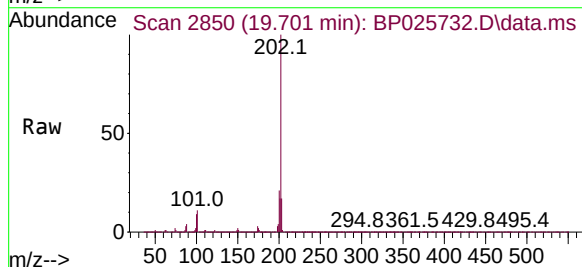
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

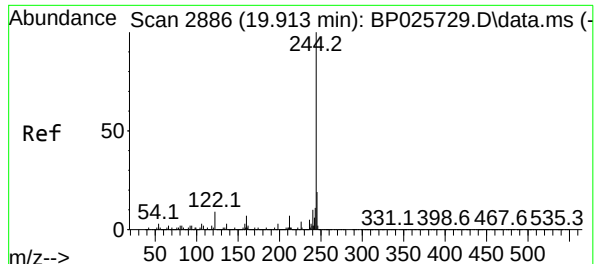
Tgt Ion:184 Resp: 2065703
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.5 9.2 13.8



#78
Pyrene
Concen: 76.353 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:202 Resp: 4911699
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.4 13.9 20.9

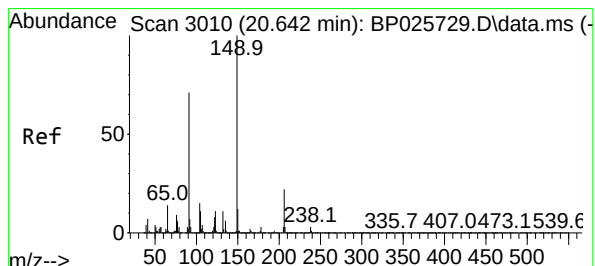
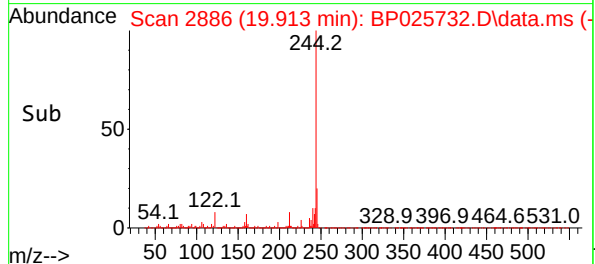
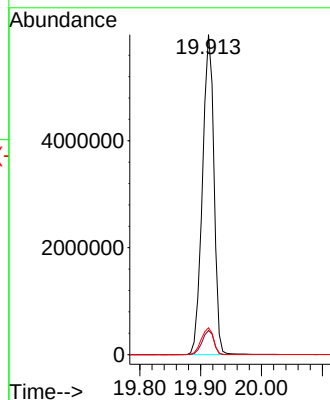
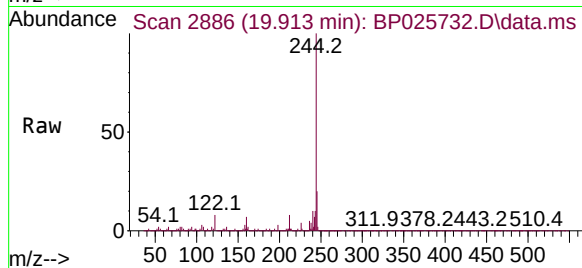




#79
Terphenyl-d14
Concen: 146.328 ng
RT: 19.913 min Scan# 2886
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

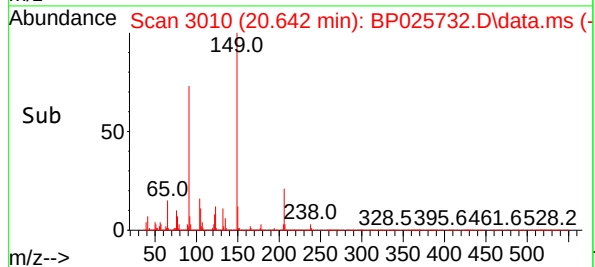
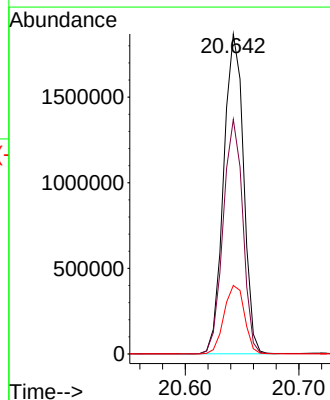
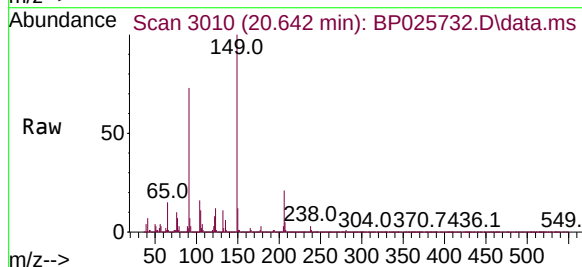
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

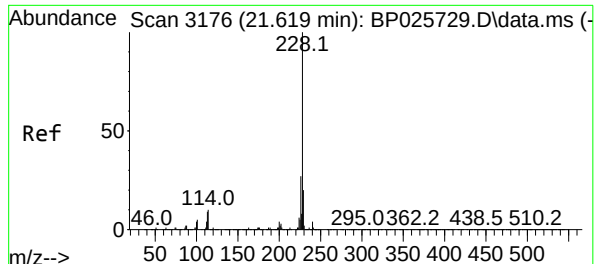
Tgt Ion:244 Resp: 7841805
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 8.4 7.1 10.7



#80
Butylbenzylphthalate
Concen: 80.443 ng
RT: 20.642 min Scan# 3010
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:149 Resp: 2268963
Ion Ratio Lower Upper
149 100
91 73.3 56.6 85.0
206 21.4 17.4 26.0

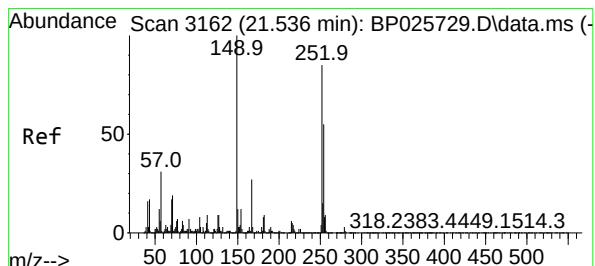
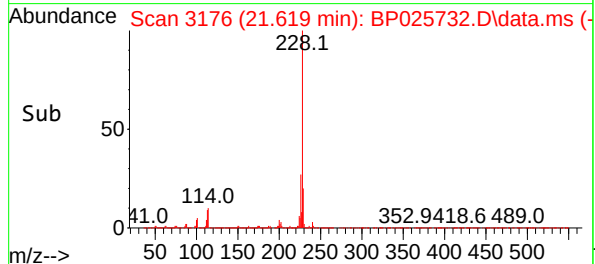
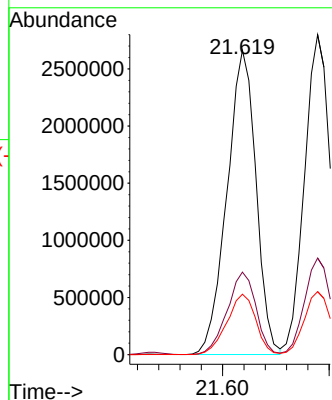
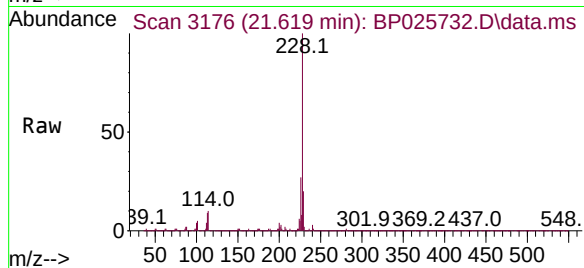




#81
Benzo(a)anthracene
Concen: 76.229 ng
RT: 21.619 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

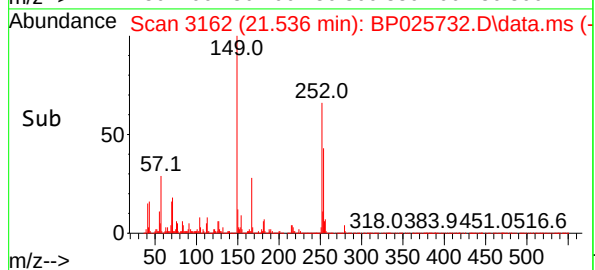
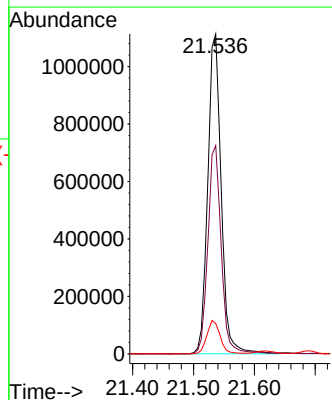
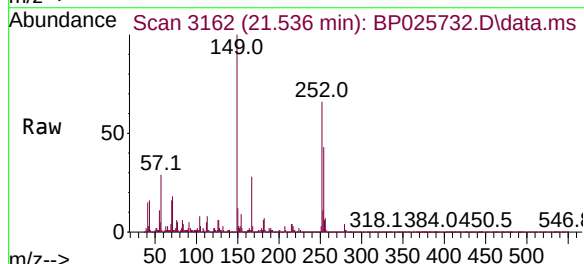
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

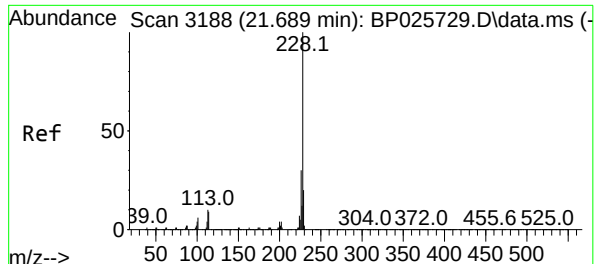
Tgt Ion:228 Resp: 5031313
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 19.9 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 74.725 ng
RT: 21.536 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:252 Resp: 1705366
Ion Ratio Lower Upper
252 100
254 65.1 51.4 77.0
126 9.5 8.3 12.5

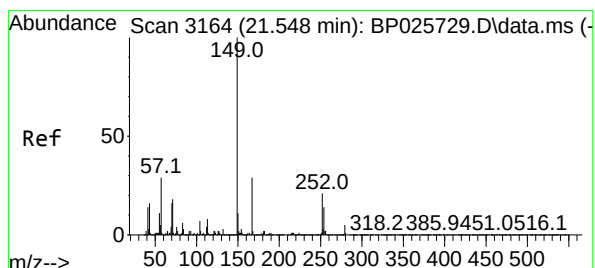
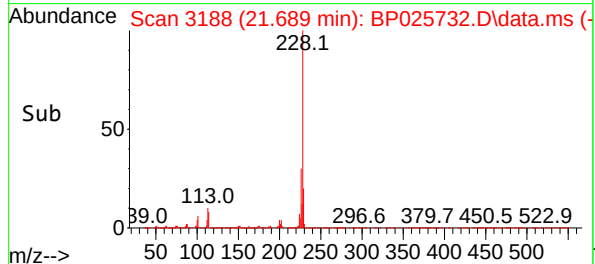
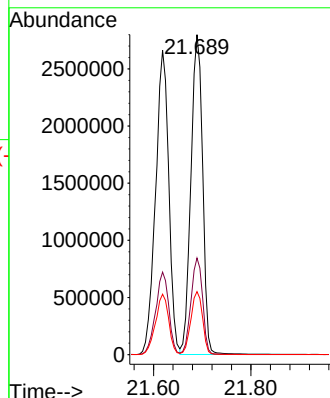
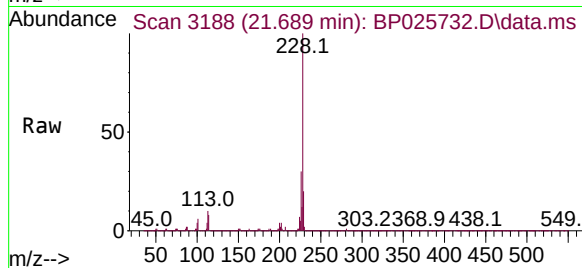




#83
Chrysene
Concen: 74.190 ng
RT: 21.689 min Scan# 3188
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

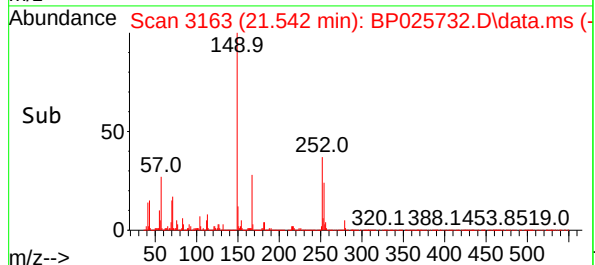
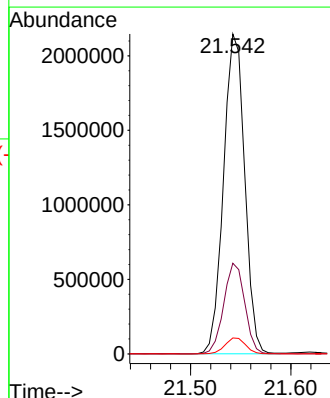
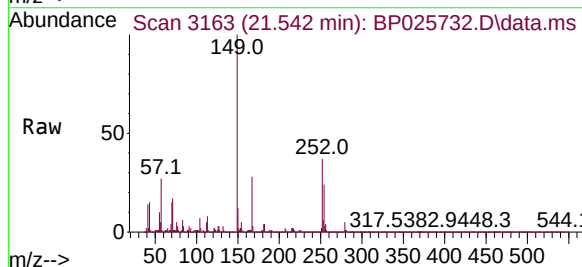
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

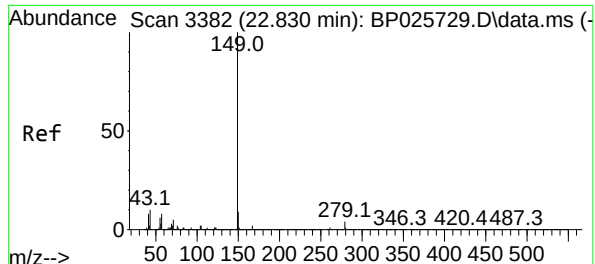
Tgt Ion:228 Resp: 4667905
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.6
229 19.7 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 76.431 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:149 Resp: 3154011
Ion Ratio Lower Upper
149 100
167 28.3 22.9 34.3
279 5.0 3.8 5.8

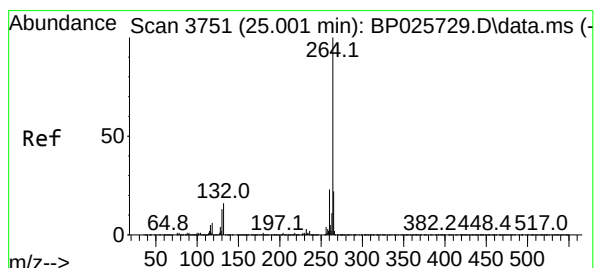
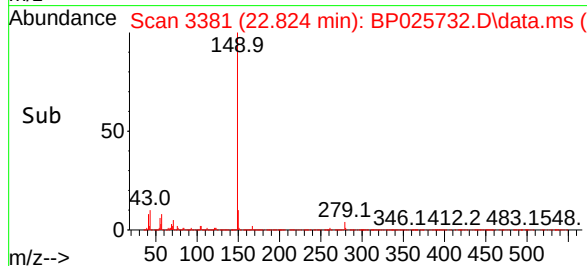
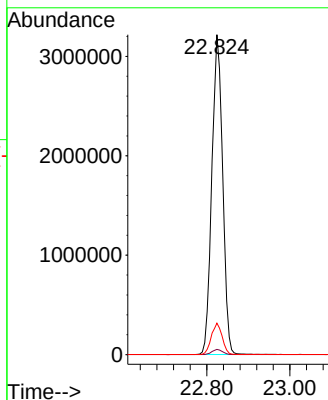
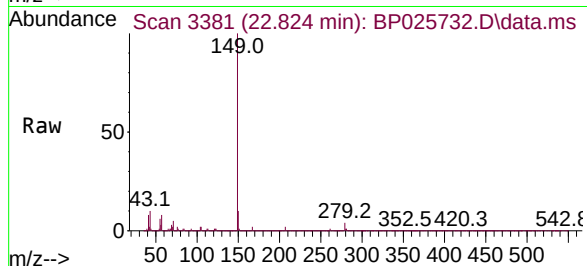




#85
Di-n-octyl phthalate
Concen: 79.012 ng
RT: 22.824 min Scan# 3382
Delta R.T. -0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

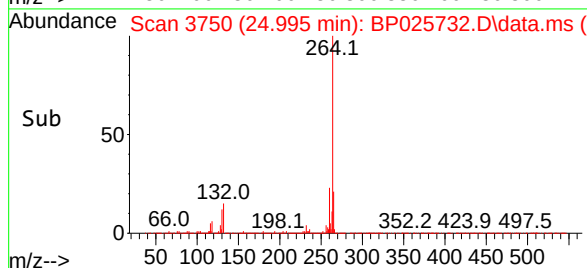
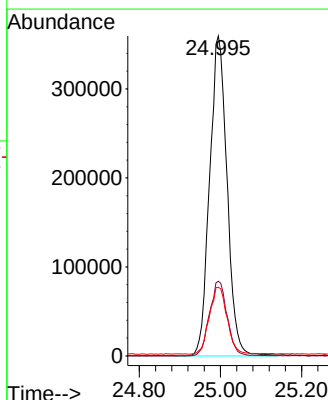
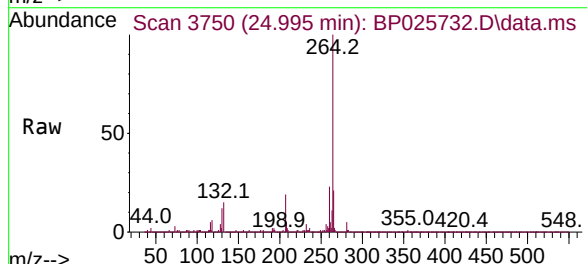
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

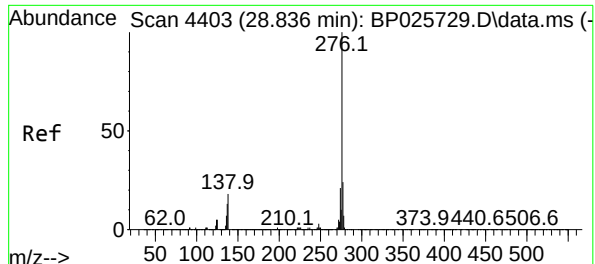
Tgt Ion:149 Resp: 5799888
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.8 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3750
Delta R.T. -0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:264 Resp: 1072676
Ion Ratio Lower Upper
264 100
260 23.3 18.3 27.5
265 21.4 17.3 25.9

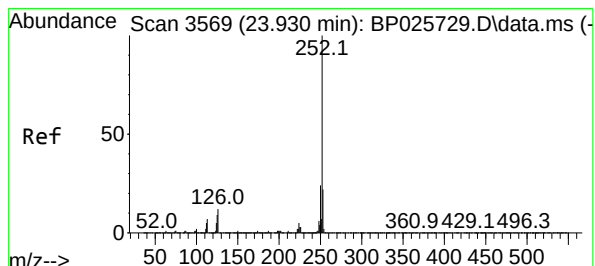
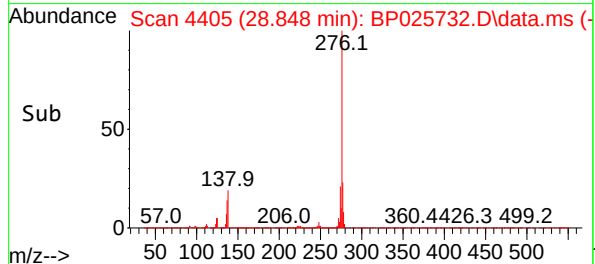
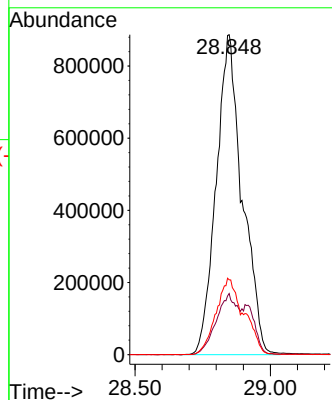
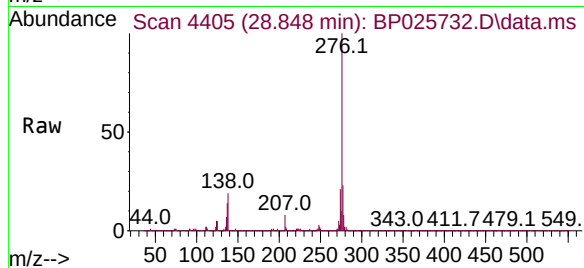




#87
Indeno(1,2,3-cd)pyrene
Concen: 76.261 ng
RT: 28.848 min Scan# 4403
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

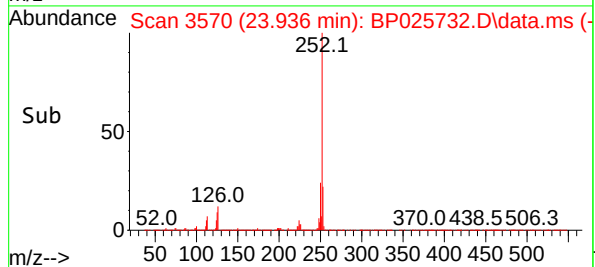
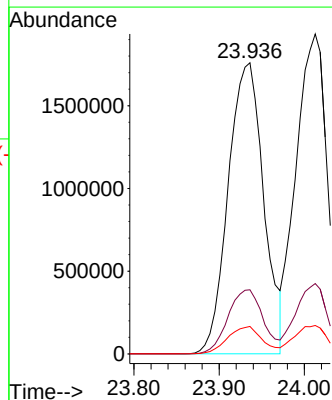
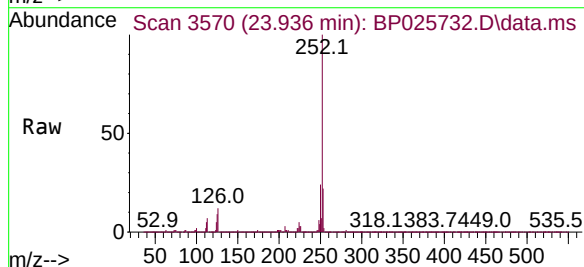
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

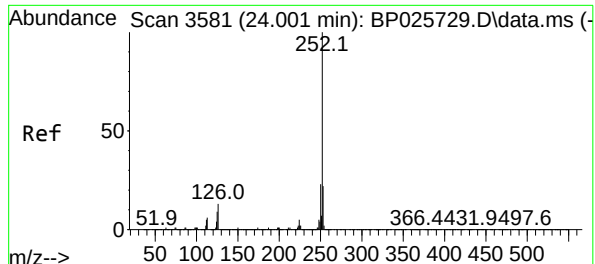
Tgt Ion:276 Resp: 5948880
Ion Ratio Lower Upper
276 100
138 15.6 13.4 20.2
277 25.4 9.1 13.7#



#88
Benzo(b)fluoranthene
Concen: 77.570 ng
RT: 23.936 min Scan# 3570
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:252 Resp: 5088293
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 9.5 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 73.783 ng

RT: 24.013 min Scan# 3581

Delta R.T. 0.012 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

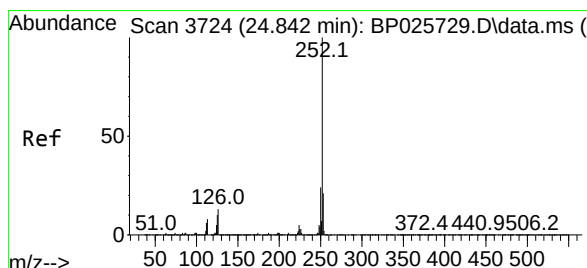
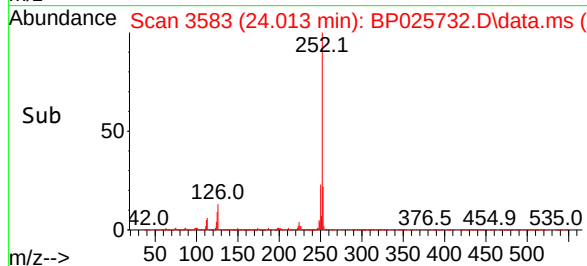
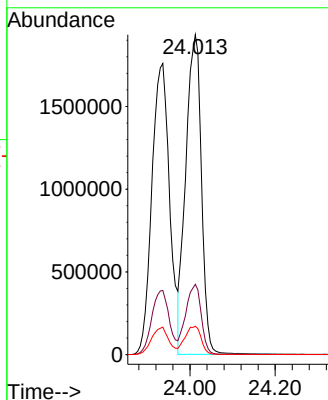
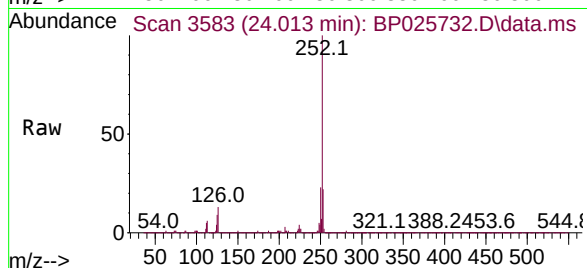
Tgt Ion:252 Resp: 4938760

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 8.9 7.5 11.3



#90

Benzo(a)pyrene

Concen: 76.231 ng

RT: 24.842 min Scan# 3724

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

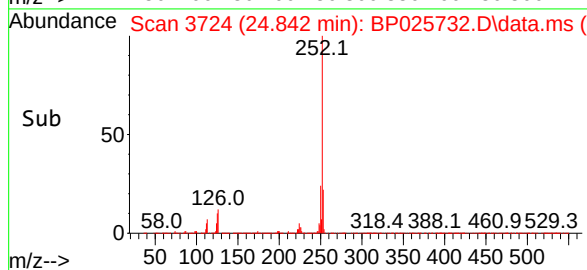
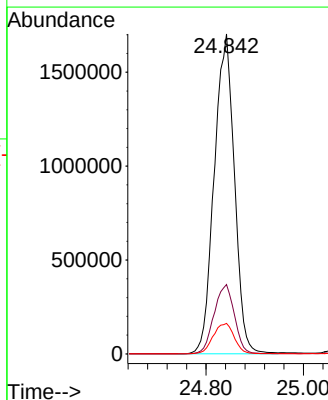
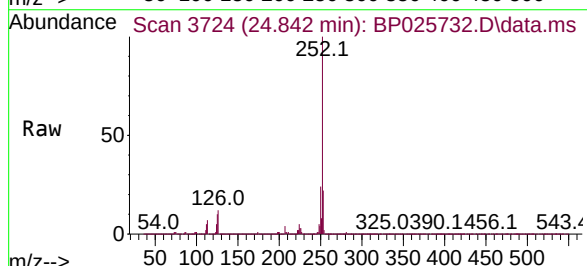
Tgt Ion:252 Resp: 4896947

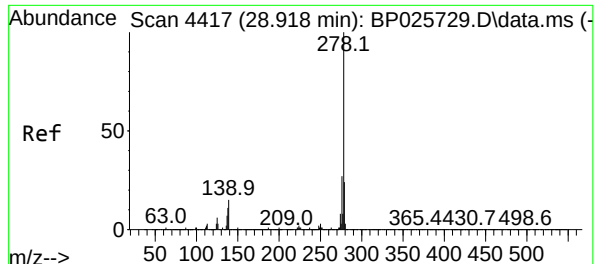
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.5 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 76.817 ng

RT: 28.918 min Scan# 4417

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

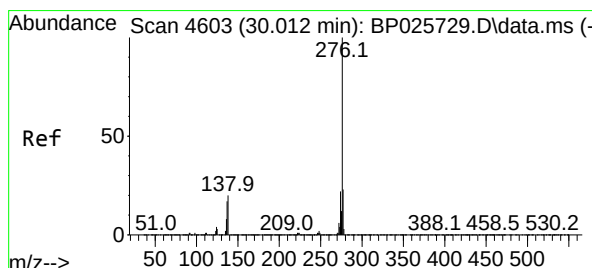
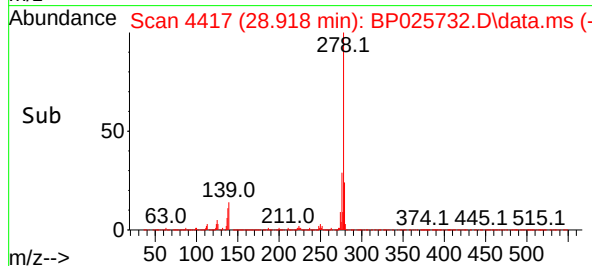
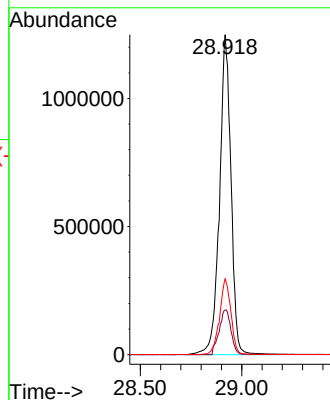
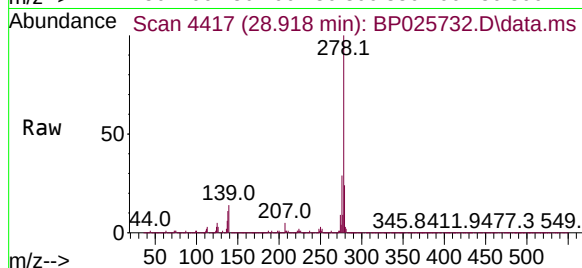
Tgt Ion:278 Resp: 4903653

Ion Ratio Lower Upper

278 100

139 13.9 12.1 18.1

279 23.7 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 76.886 ng

RT: 30.036 min Scan# 4607

Delta R.T. 0.024 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

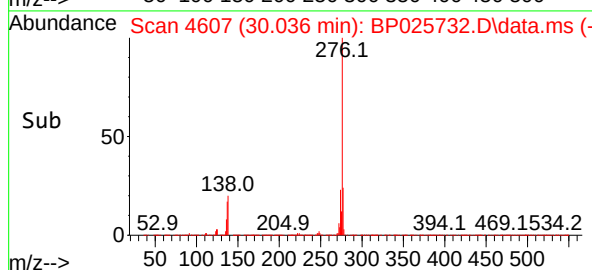
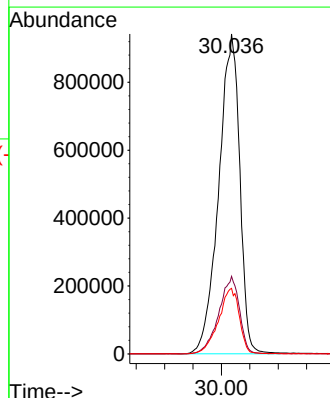
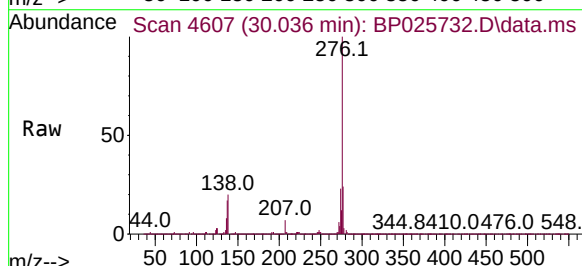
Tgt Ion:276 Resp: 4826771

Ion Ratio Lower Upper

276 100

277 24.2 18.7 28.1

138 20.5 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025733.D
 Acq On : 11 Sep 2025 15:20
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:27:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.719	152	132227	20.000	ng	-0.04
21) Naphthalene-d8	10.507	136	558379	20.000	ng	-0.02
39) Acenaphthene-d10	14.372	164	384529	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	764105	20.000	ng	0.00
76) Chrysene-d12	21.636	240	796095	20.000	ng	0.00
86) Perylene-d12	24.995	264	864239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.343	112	847611	103.433	ng	-0.04
7) Phenol-d6	6.913	99	1140979	104.750	ng	-0.04
23) Nitrobenzene-d5	8.878	82	1303272	102.956	ng	-0.02
42) 2,4,6-Tribromophenol	15.895	330	480931	100.273	ng	-0.01
45) 2-Fluorobiphenyl	12.984	172	2843494	98.461	ng	0.00
79) Terphenyl-d14	19.907	244	4423580	99.962	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	169936	49.409	ng	99
3) Pyridine	3.684	79	483875	51.092	ng	98
4) n-Nitrosodimethylamine	3.590	42	224792	50.302	ng	100
6) Aniline	7.060	93	784152	52.443	ng	99
8) 2-Chlorophenol	7.296	128	466182	51.856	ng	100
9) Benzaldehyde	6.878	77	398852m	61.160	ng	
10) Phenol	6.937	94	601415	52.364	ng	98
11) bis(2-Chloroethyl)ether	7.155	93	475247	51.503	ng	97
12) 1,3-Dichlorobenzene	7.613	146	511619	50.003	ng	97
13) 1,4-Dichlorobenzene	7.760	146	525685	50.438	ng	100
14) 1,2-Dichlorobenzene	8.072	146	509835	50.354	ng	99
15) Benzyl Alcohol	7.960	79	466422	51.821	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.249	45	757264	50.182	ng	99
17) 2-Methylphenol	8.172	107	406974	52.557	ng	99
18) Hexachloroethane	8.796	117	201387	50.587	ng	96
19) n-Nitroso-di-n-propyla...	8.525	70	406549	54.152	ng	99
20) 3+4-Methylphenols	8.502	107	559714	51.612	ng	99
22) Acetophenone	8.543	105	767098	51.407	ng	# 98
24) Nitrobenzene	8.919	77	583136	51.351	ng	98
25) Isophorone	9.443	82	1138308	51.161	ng	100
26) 2-Nitrophenol	9.625	139	269275	53.408	ng	98
27) 2,4-Dimethylphenol	9.690	122	456881	51.654	ng	98
28) bis(2-Chloroethoxy)met...	9.919	93	661544	51.437	ng	99
29) 2,4-Dichlorophenol	10.160	162	470034	53.298	ng	99
30) 1,2,4-Trichlorobenzene	10.366	180	498270	50.132	ng	99
31) Naphthalene	10.560	128	1513087	50.255	ng	100
32) Benzoic acid	9.866	122	353386	53.738	ng	99
33) 4-Chloroaniline	10.672	127	666499	53.111	ng	99
34) Hexachlorobutadiene	10.837	225	316676	49.495	ng	99
35) Caprolactam	11.466	113	172043	50.713	ng	99
36) 4-Chloro-3-methylphenol	11.801	107	549567	52.269	ng	96
37) 2-Methylnaphthalene	12.172	142	974364	50.386	ng	99
38) 1-Methylnaphthalene	12.390	142	1019849	49.456	ng	98
40) 1,2,4,5-Tetrachloroben...	12.543	216	583660	50.090	ng	100
41) Hexachlorocyclopentadiene	12.525	237	337711	53.214	ng	99
43) 2,4,6-Trichlorophenol	12.790	196	393647	51.389	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025733.D
 Acq On : 11 Sep 2025 15:20
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:27:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.866	196	441307	51.765	ng	98
46) 1,1'-Biphenyl	13.190	154	1408553	49.905	ng	99
47) 2-Chloronaphthalene	13.237	162	1118909	50.347	ng	99
48) 2-Nitroaniline	13.448	65	383740	51.799	ng	94
49) Acenaphthylene	14.095	152	1830164	49.702	ng	100
50) Dimethylphthalate	13.831	163	1435428	48.895	ng	100
51) 2,6-Dinitrotoluene	13.948	165	316613	50.904	ng	98
52) Acenaphthene	14.442	154	1042525	49.094	ng	99
53) 3-Nitroaniline	14.284	138	343785	52.561	ng	96
54) 2,4-Dinitrophenol	14.507	184	193294	49.740	ng	96
55) Dibenzofuran	14.784	168	1697428	49.045	ng	98
56) 4-Nitrophenol	14.613	139	261984	48.388	ng	99
57) 2,4-Dinitrotoluene	14.748	165	465265	52.562	ng	95
58) Fluorene	15.436	166	1331644	48.387	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.013	232	388785	50.625	ng	100
60) Diethylphthalate	15.219	149	1459705	49.018	ng	99
61) 4-Chlorophenyl-phenylether	15.436	204	676706	48.790	ng	99
62) 4-Nitroaniline	15.472	138	358915	53.605	ng	99
63) Azobenzene	15.731	77	1452024	50.428	ng	99
65) 4,6-Dinitro-2-methylph...	15.531	198	272418	53.609	ng	98
66) n-Nitrosodiphenylamine	15.654	169	1199673	51.304	ng	100
67) 4-Bromophenyl-phenylether	16.354	248	431960	51.458	ng	99
68) Hexachlorobenzene	16.472	284	474297	50.667	ng	96
69) Atrazine	16.636	200	458144	51.256	ng	97
70) Pentachlorophenol	16.825	266	318100	51.487	ng	98
71) Phenanthrene	17.219	178	2161060	49.858	ng	100
72) Anthracene	17.325	178	2260277	51.395	ng	100
73) Carbazole	17.595	167	2110925	51.629	ng	100
74) Di-n-butylphthalate	18.189	149	2558689	50.995	ng	100
75) Fluoranthene	19.313	202	2580366	49.638	ng	100
77) Benzidine	19.513	184	1255790	54.762	ng	100
78) Pyrene	19.695	202	2660397	50.083	ng	99
80) Butylbenzylphthalate	20.636	149	1209410	51.926	ng	100
81) Benzo(a)anthracene	21.613	228	2742275	50.315	ng	99
82) 3,3'-Dichlorobenzidine	21.536	252	971634	51.559	ng	99
83) Chrysene	21.683	228	2620241	50.434	ng	100
84) Bis(2-ethylhexyl)phtha...	21.542	149	1714419	50.312	ng	99
85) Di-n-octyl phthalate	22.824	149	3047268	50.273	ng	100
87) Indeno(1,2,3-cd)pyrene	28.836	276	3254187	51.778	ng	# 85
88) Benzo(b)fluoranthene	23.942	252	2704281	51.169	ng	99
89) Benzo(k)fluoranthene	24.007	252	2718438	50.407	ng	100
90) Benzo(a)pyrene	24.848	252	2637187	50.954	ng	99
91) Dibenzo(a,h)anthracene	28.900	278	2677885	52.067	ng	98
92) Benzo(g,h,i)perylene	30.024	276	2614577	51.692	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025733.D
 Acq On : 11 Sep 2025 15:20
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025

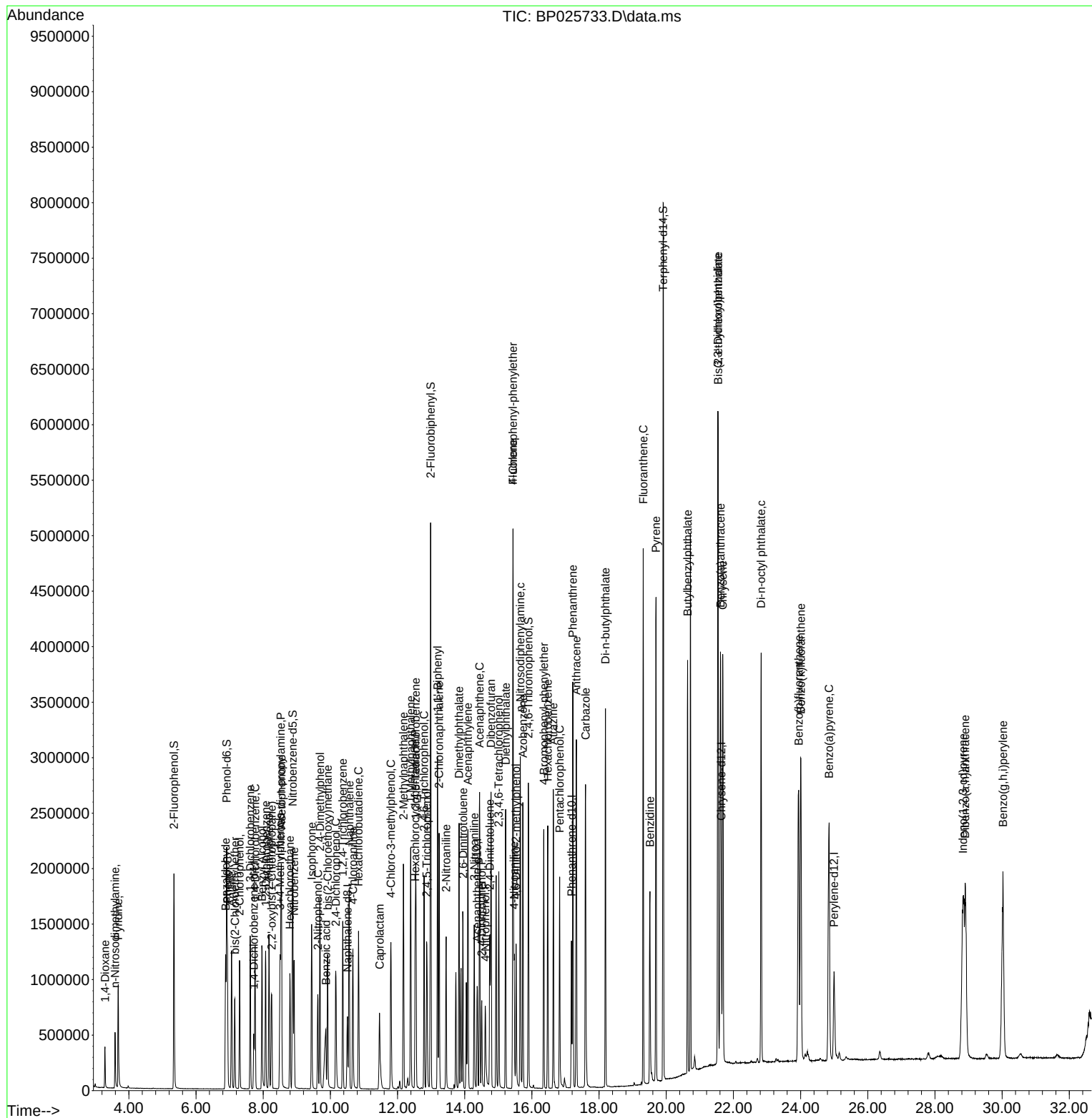
Quant Time: Sep 11 16:27:42 2025

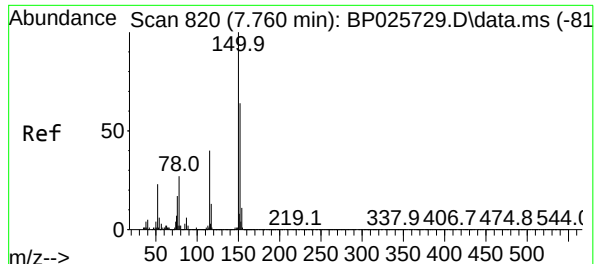
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Sep 11 16:16:10 2025

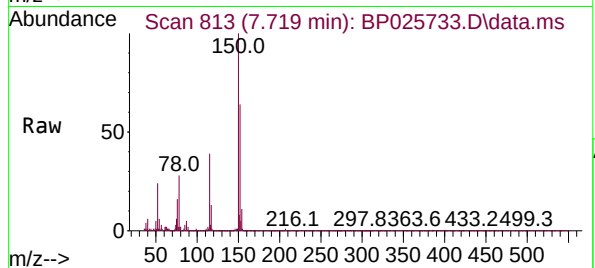
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.719 min Scan# 81
Delta R.T. -0.041 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

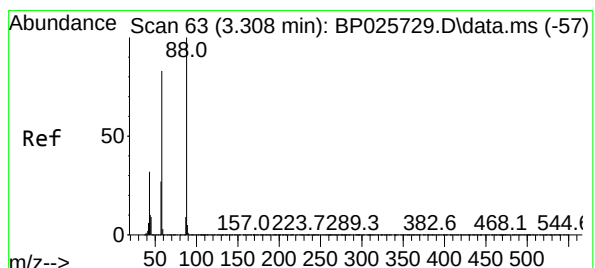
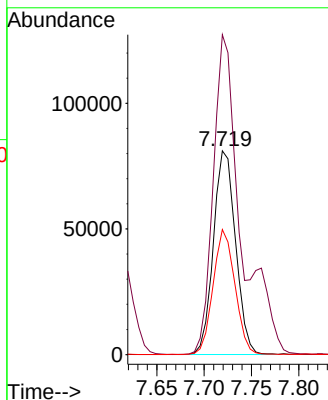
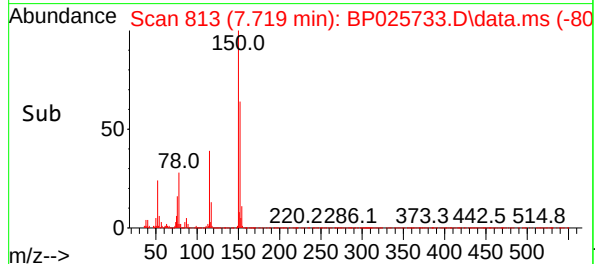
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



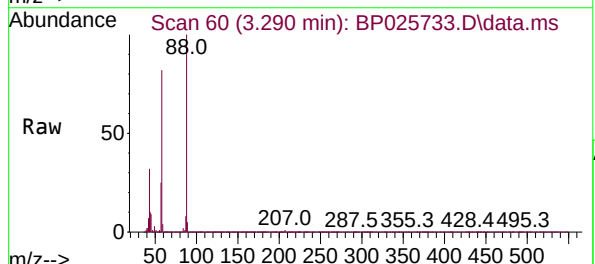
Tgt Ion: 152 Resp: 13222
Ion Ratio Lower Upper
152 100
150 157.1 124.3 186.5
115 61.4 50.3 75.5

Manual Integrations
APPROVED

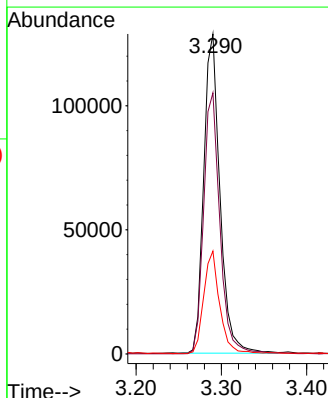
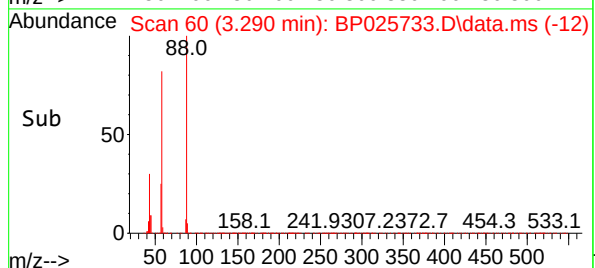
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

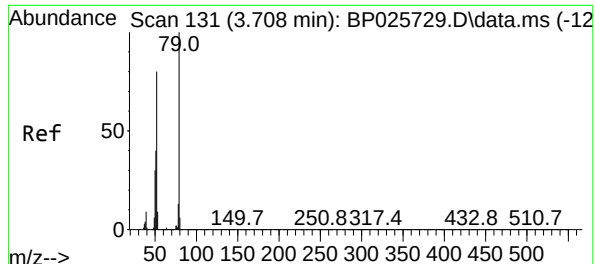


#2
1,4-Dioxane
Concen: 49.409 ng
RT: 3.290 min Scan# 60
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20



Tgt Ion: 88 Resp: 169936
Ion Ratio Lower Upper
88 100
58 82.5 65.5 98.3
43 31.6 25.2 37.8





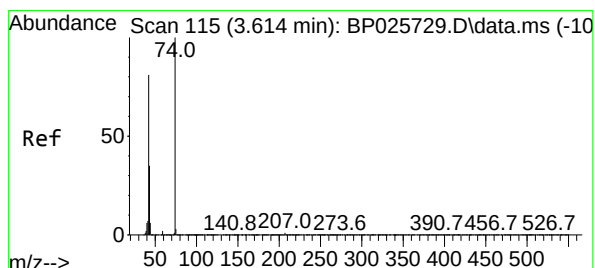
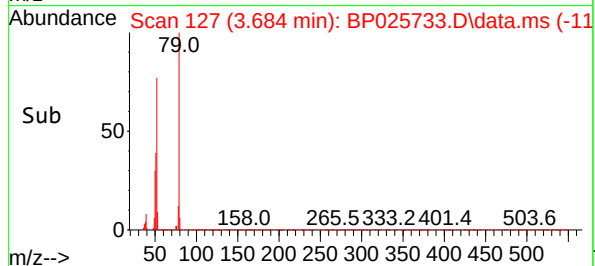
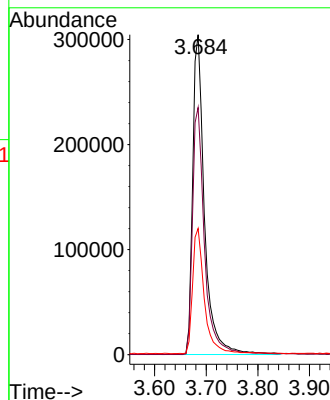
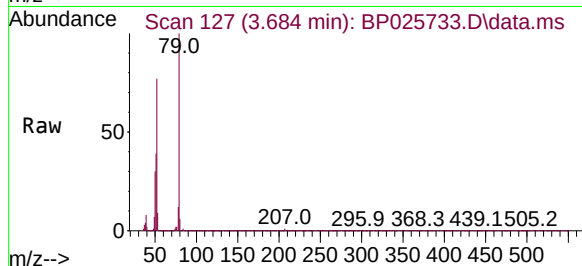
#3
Pyridine
Concen: 51.092 ng
RT: 3.684 min Scan# 111
Delta R.T. -0.024 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 483875
Ion Ratio Lower Upper
79 100
52 77.2 63.7 95.5
51 39.4 32.4 48.6

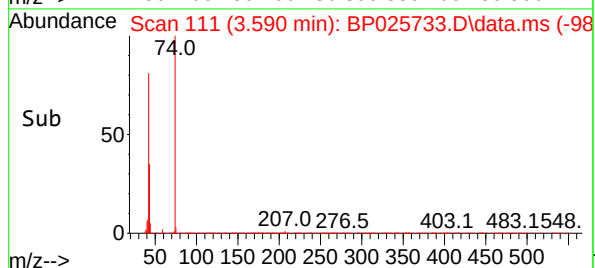
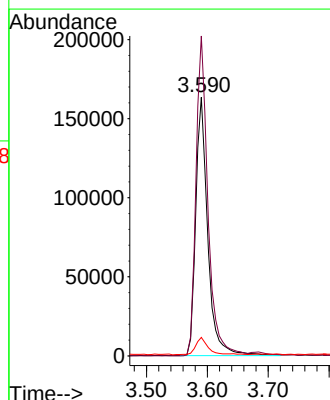
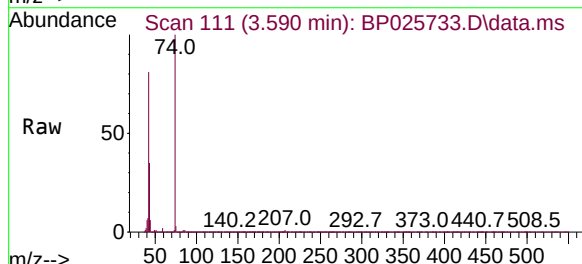
Manual Integrations
APPROVED

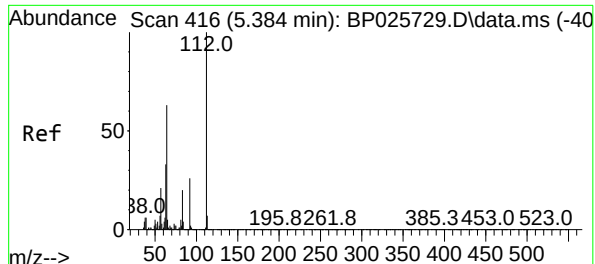
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#4
n-Nitrosodimethylamine
Concen: 50.302 ng
RT: 3.590 min Scan# 111
Delta R.T. -0.024 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion: 42 Resp: 224792
Ion Ratio Lower Upper
42 100
74 123.8 99.2 148.8
44 7.1 6.4 9.6





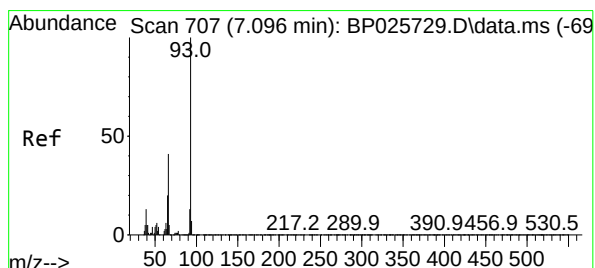
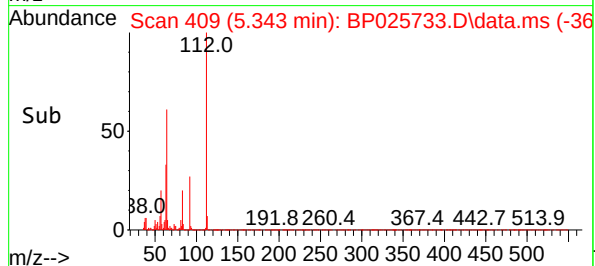
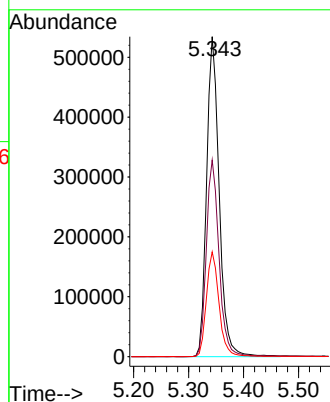
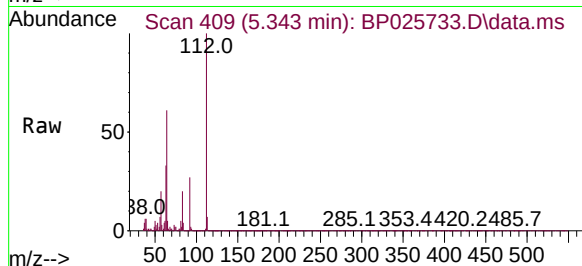
#5
2-Fluorophenol
Concen: 103.433 ng
RT: 5.343 min Scan# 409
Delta R.T. -0.041 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 112 Resp: 847611
Ion Ratio Lower Upper
112 100
64 61.4 50.2 75.4
63 32.7 26.7 40.1

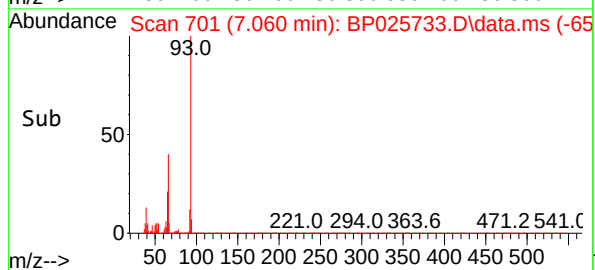
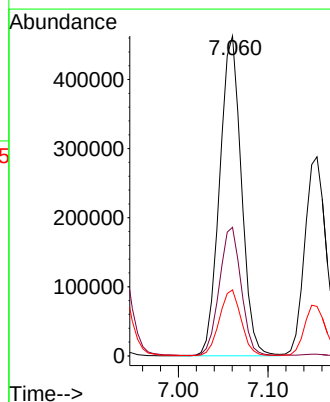
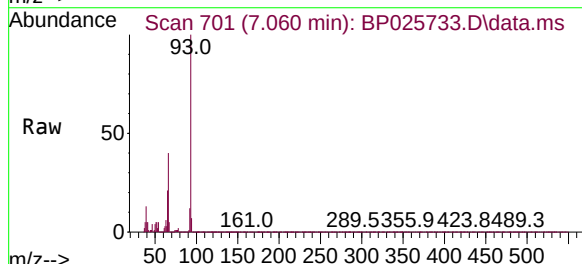
Manual Integrations
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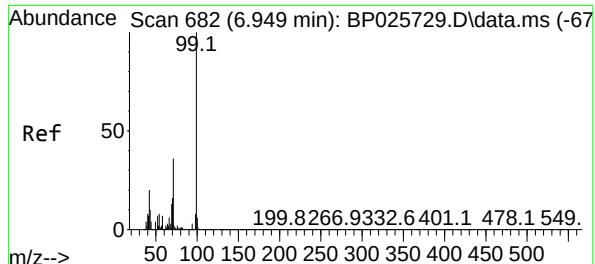
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#6
Aniline
Concen: 52.443 ng
RT: 7.060 min Scan# 701
Delta R.T. -0.035 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

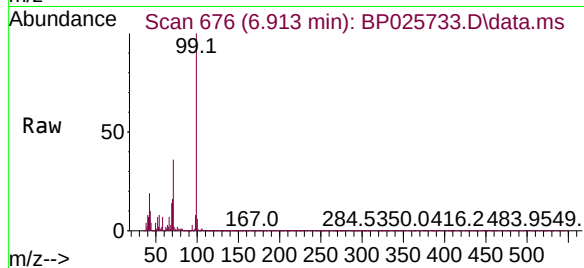
Tgt Ion: 93 Resp: 784152
Ion Ratio Lower Upper
93 100
66 40.2 32.6 49.0
65 20.7 16.2 24.2





#7
Phenol-d6
Concen: 104.750 ng
RT: 6.913 min Scan# 61
Delta R.T. -0.035 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

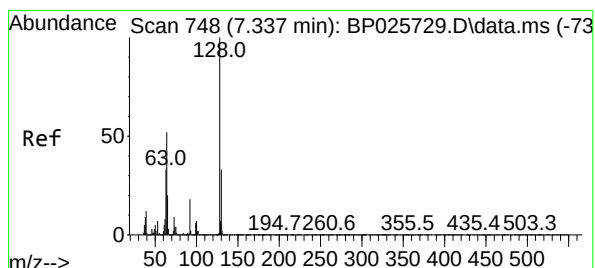
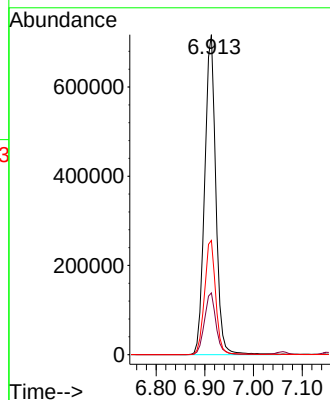
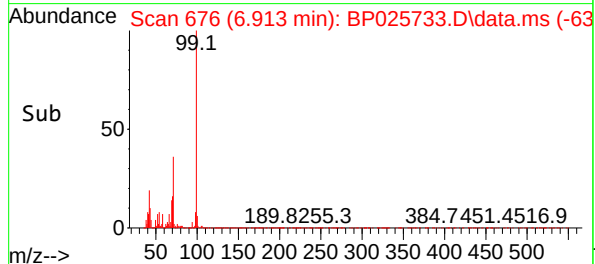
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 99 Resp: 1140979
Ion Ratio Lower Upper
99 100
42 19.3 15.6 23.4
71 35.7 28.6 43.0

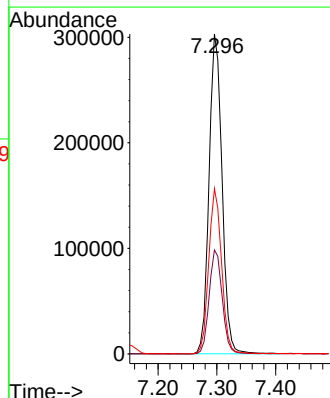
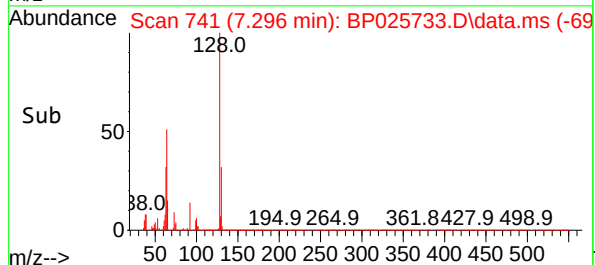
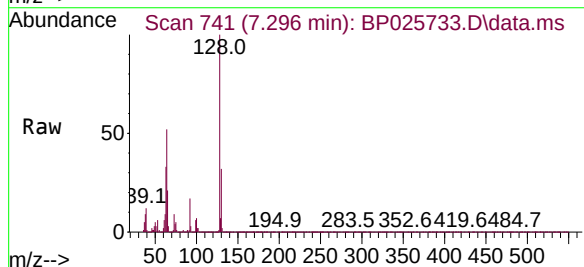
Manual Integrations
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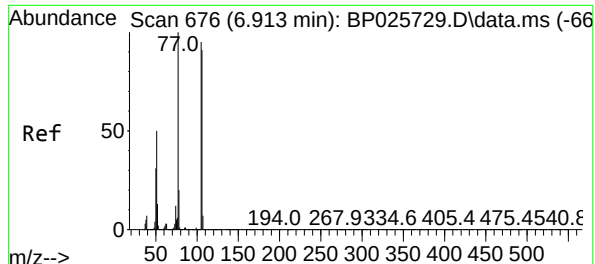
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#8
2-Chlorophenol
Concen: 51.856 ng
RT: 7.296 min Scan# 741
Delta R.T. -0.041 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:128 Resp: 466182
Ion Ratio Lower Upper
128 100
130 32.5 12.6 52.6
64 51.6 31.6 71.6





#9

Benzaldehyde

Concen: 61.160 ng m

RT: 6.878 min Scan# 61

Delta R.T. -0.035 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 398852

Ion Ratio Lower Upper

77 100

105 95.2 75.2 115.2

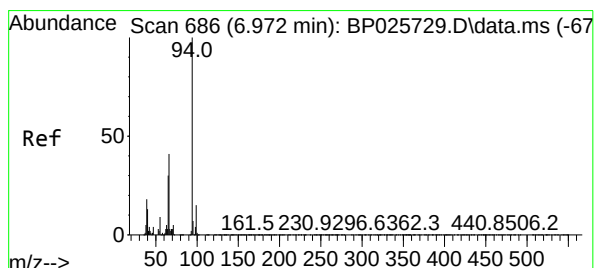
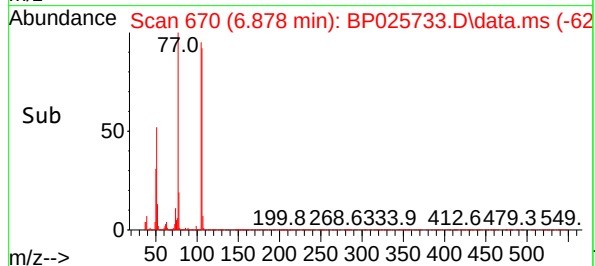
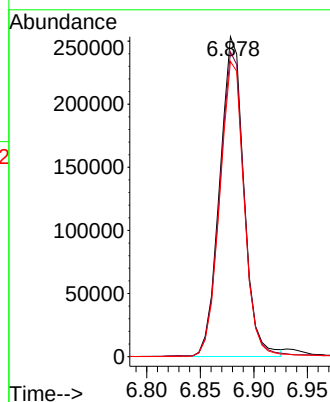
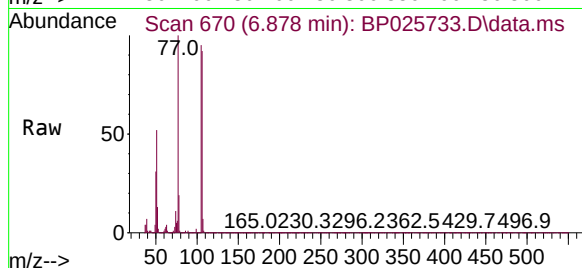
106 92.2 71.3 111.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#10

Phenol

Concen: 52.364 ng

RT: 6.937 min Scan# 680

Delta R.T. -0.035 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

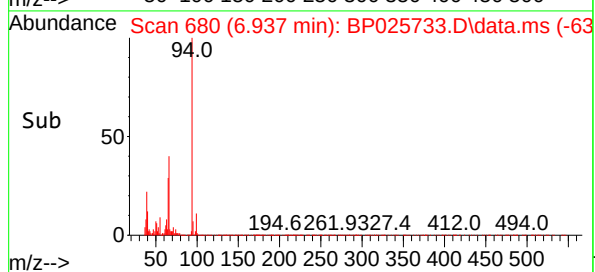
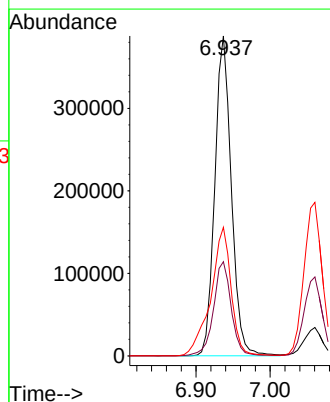
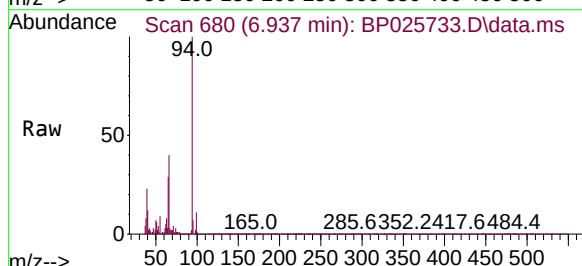
Tgt Ion: 94 Resp: 601415

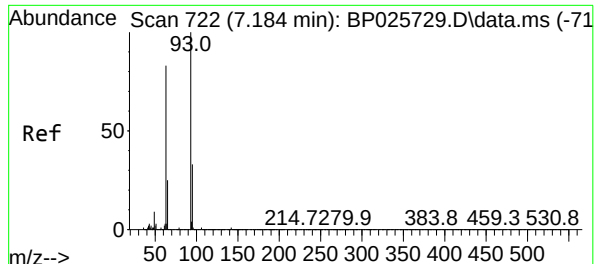
Ion Ratio Lower Upper

94 100

65 29.4 10.2 50.2

66 40.2 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 51.503 ng

RT: 7.155 min Scan# 71

Delta R.T. -0.029 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 47524

Ion Ratio Lower Upper

93 100

63 79.5 62.6 102.6

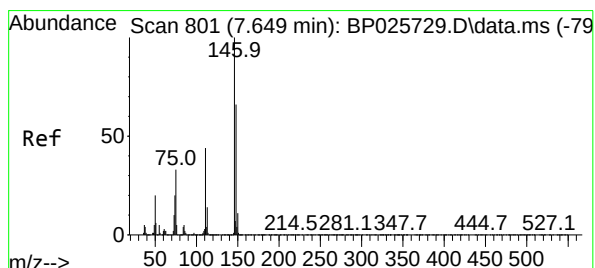
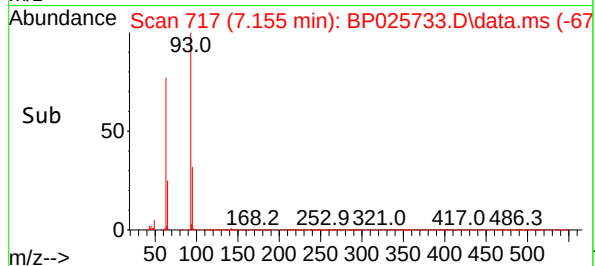
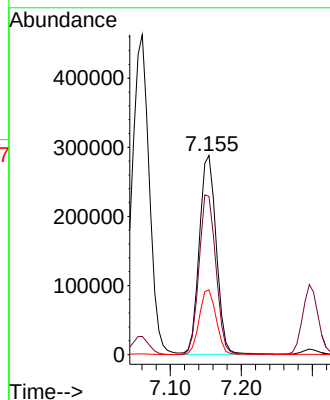
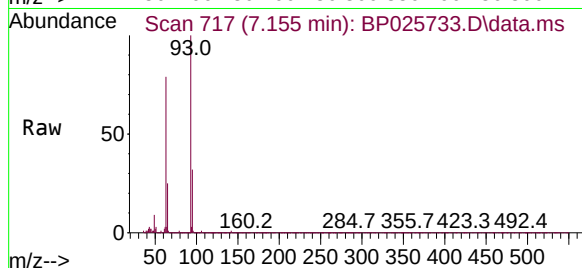
95 32.5 13.2 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#12

1,3-Dichlorobenzene

Concen: 50.003 ng

RT: 7.613 min Scan# 795

Delta R.T. -0.035 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

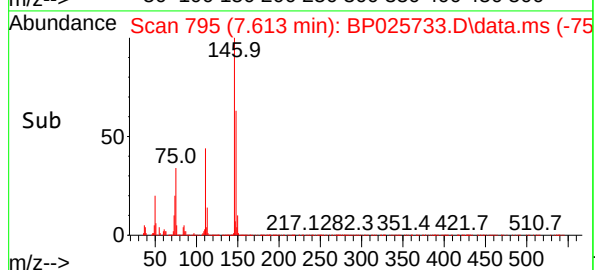
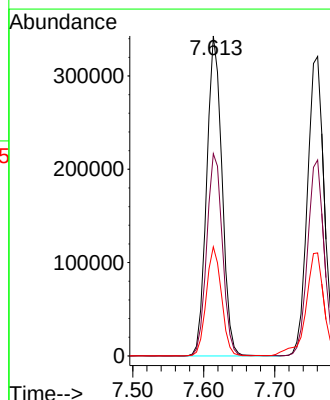
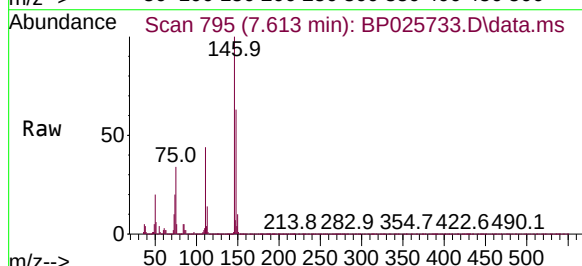
Tgt Ion:146 Resp: 511619

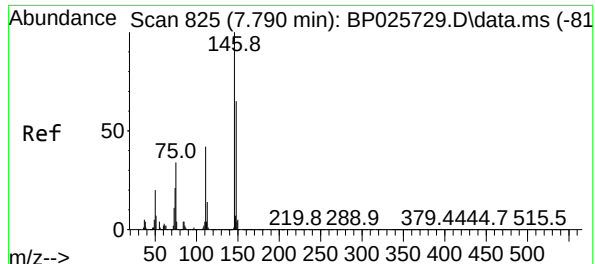
Ion Ratio Lower Upper

146 100

148 63.2 52.7 79.1

75 34.1 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 50.438 ng

RT: 7.760 min Scan# 81

Delta R.T. -0.029 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 525685

Ion Ratio Lower Upper

146 100

148 65.4 52.0 78.0

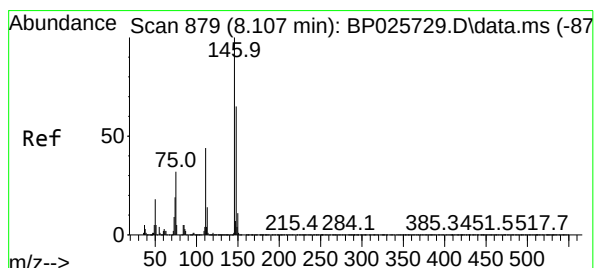
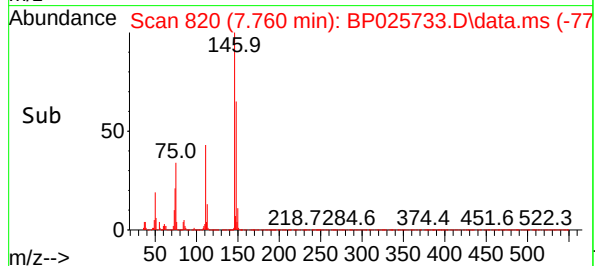
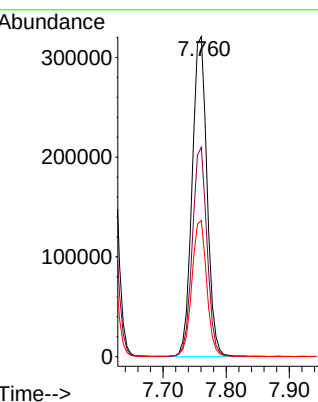
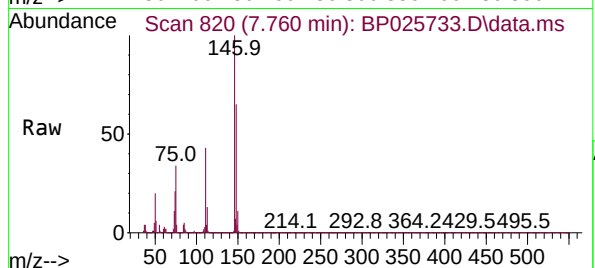
111 42.5 33.9 50.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#14

1,2-Dichlorobenzene

Concen: 50.354 ng

RT: 8.072 min Scan# 873

Delta R.T. -0.035 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

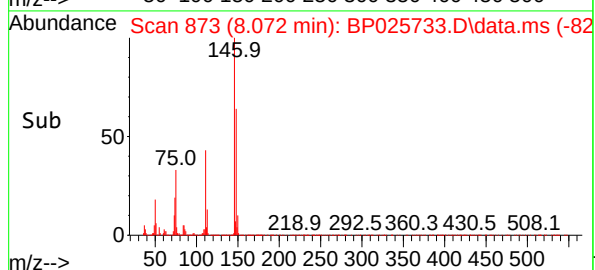
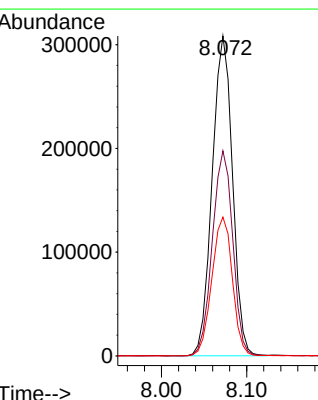
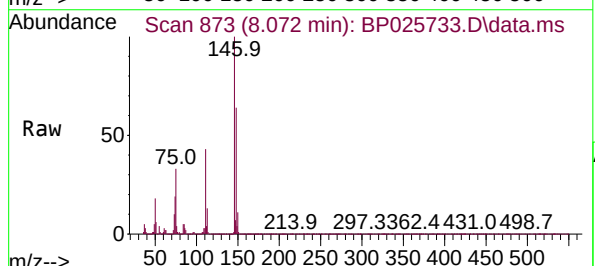
Tgt Ion:146 Resp: 509835

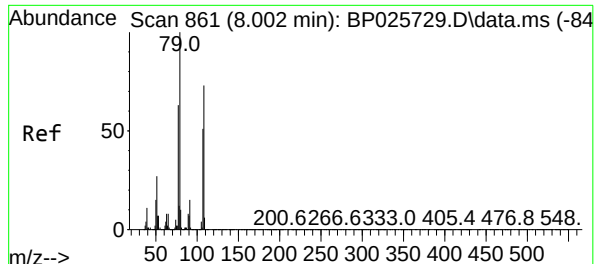
Ion Ratio Lower Upper

146 100

148 64.1 51.7 77.5

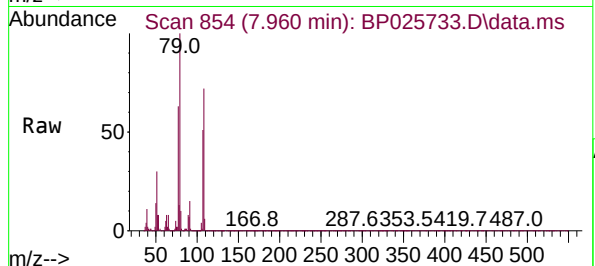
111 43.4 35.5 53.3





#15
Benzyl Alcohol
Concen: 51.821 ng
RT: 7.960 min Scan# 81
Delta R.T. -0.041 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

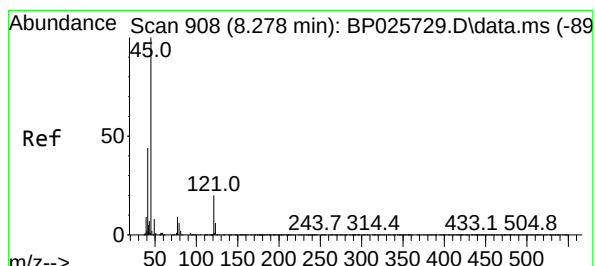
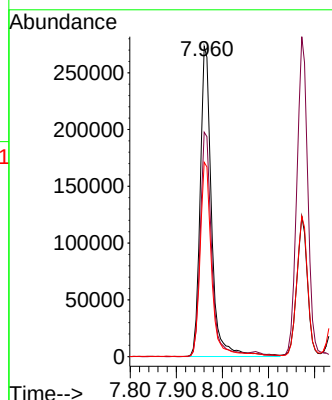
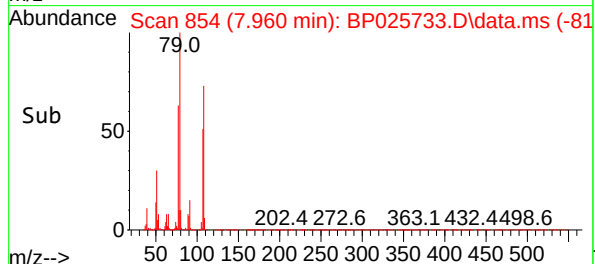
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 46642
Ion Ratio Lower Upper
79 100
108 72.4 58.7 88.1
77 62.7 50.2 75.2

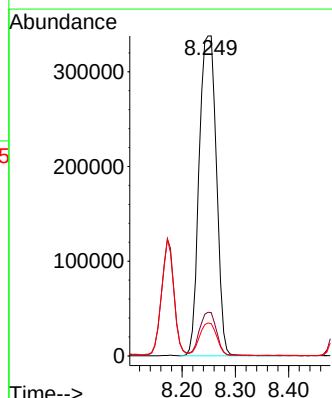
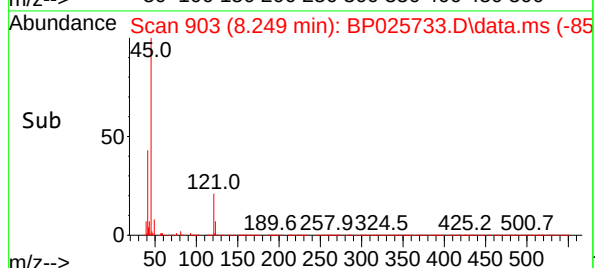
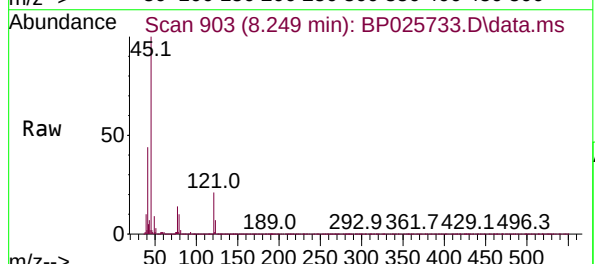
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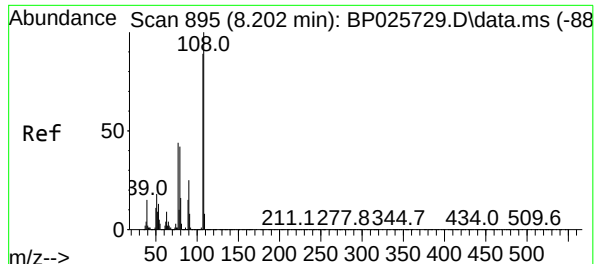
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.182 ng
RT: 8.249 min Scan# 903
Delta R.T. -0.029 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

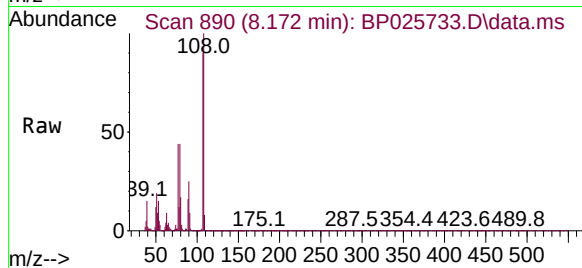
Tgt Ion: 45 Resp: 757264
Ion Ratio Lower Upper
45 100
77 13.6 0.0 33.1
79 10.3 0.0 30.0





#17
2-Methylphenol
Concen: 52.557 ng
RT: 8.172 min Scan# 895
Delta R.T. -0.029 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

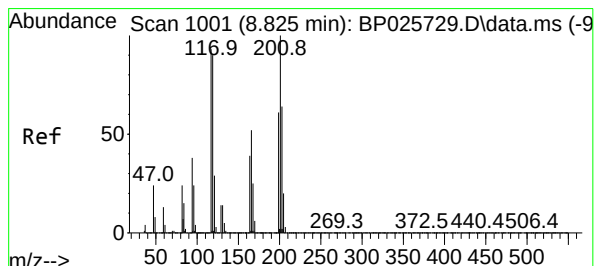
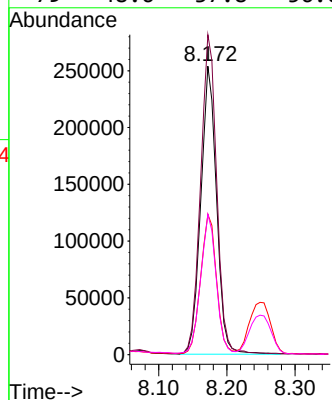
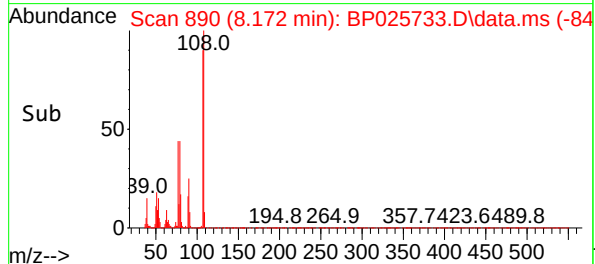
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



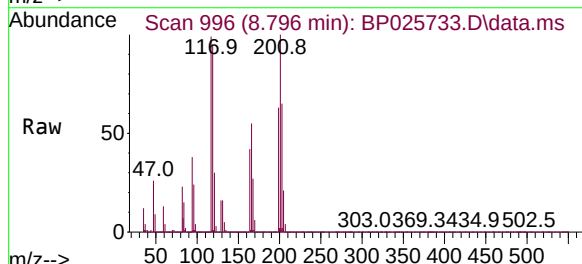
Tgt Ion:107 Resp: 406974
Ion Ratio Lower Upper
107 100
108 111.0 89.6 134.4
77 48.6 39.3 58.9
79 48.6 37.8 56.6

Manual Integrations
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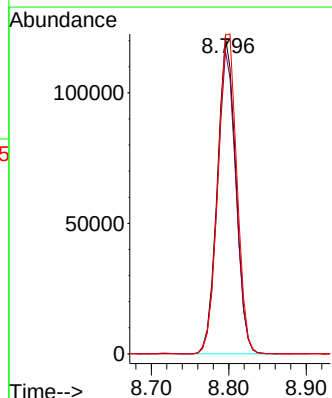
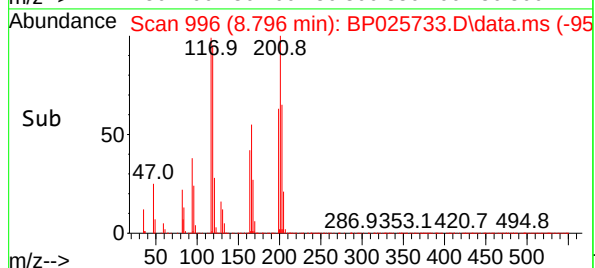
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

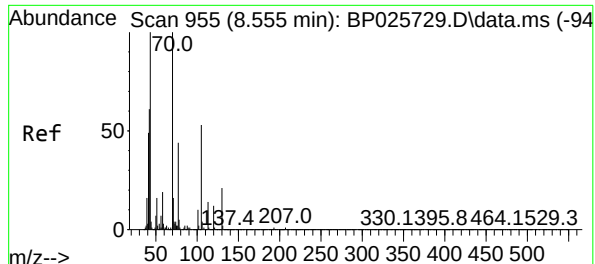


#18
Hexachloroethane
Concen: 50.587 ng
RT: 8.796 min Scan# 996
Delta R.T. -0.029 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20



Tgt Ion:117 Resp: 201387
Ion Ratio Lower Upper
117 100
119 95.5 77.1 115.7
201 100.7 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 54.152 ng

RT: 8.525 min Scan# 91

Delta R.T. -0.029 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 406549

Ion Ratio Lower Upper

70 100

42 62.4 49.0 73.4

101 9.3 7.9 11.9

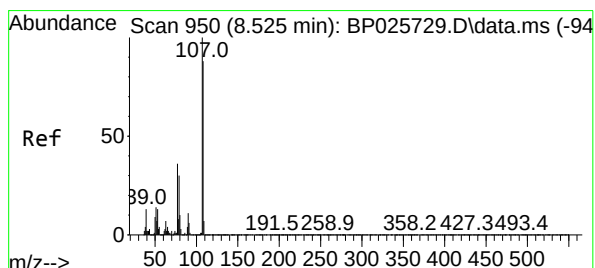
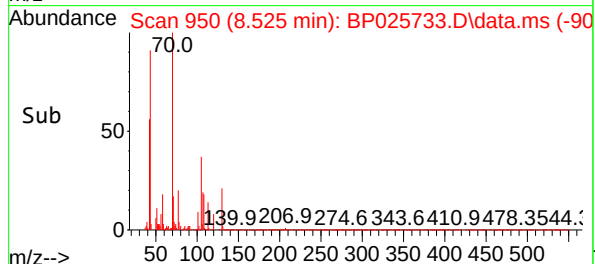
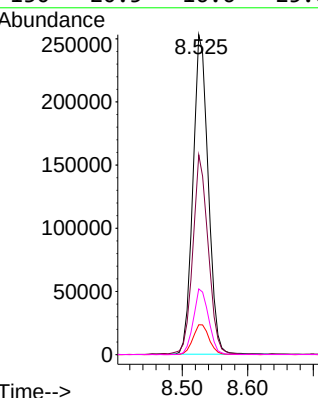
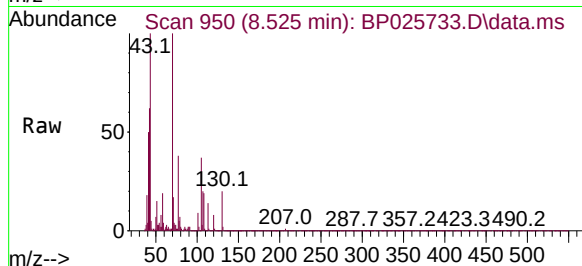
130 20.5 16.6 25.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#20

3+4-Methylphenols

Concen: 51.612 ng

RT: 8.502 min Scan# 946

Delta R.T. -0.024 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Tgt Ion:107 Resp: 559714

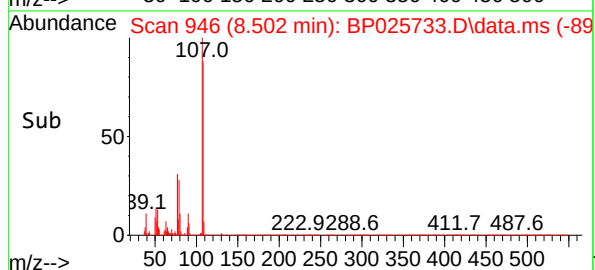
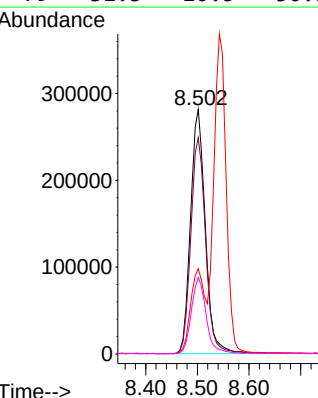
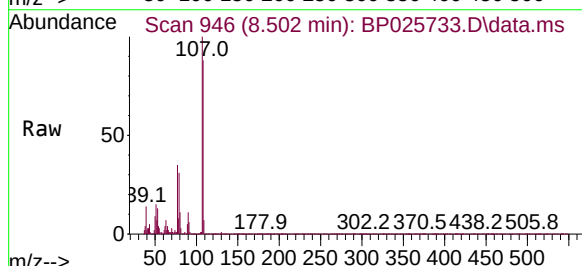
Ion Ratio Lower Upper

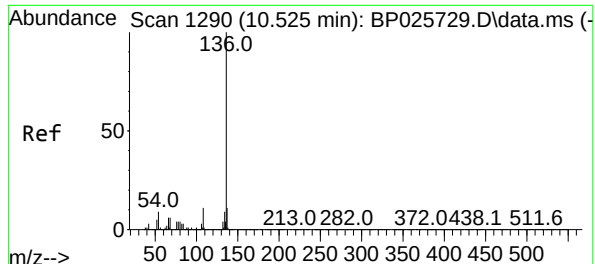
107 100

108 88.3 67.8 107.8

77 34.9 16.1 56.1

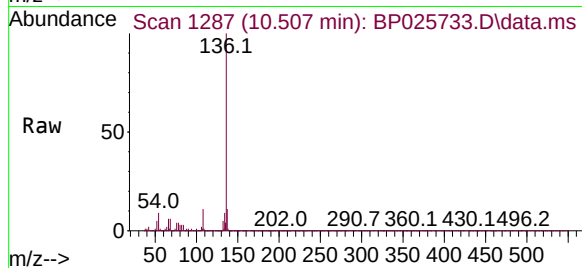
79 31.3 10.5 50.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.507 min Scan# 1290
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

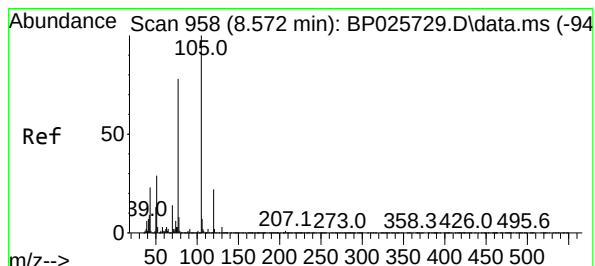
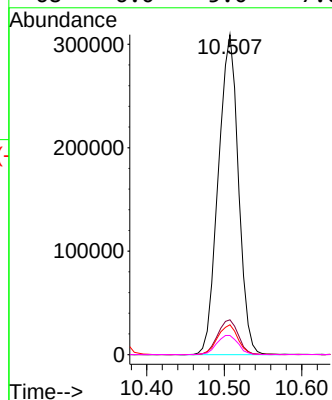
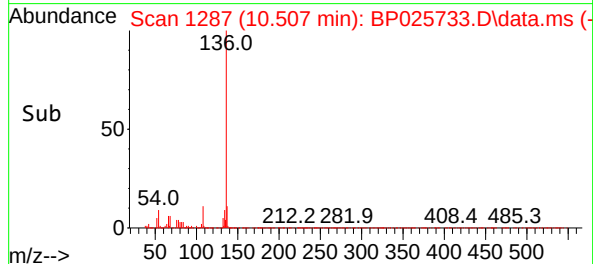
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:136 Resp: 558379
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.3 7.5 11.3
68 6.0 5.0 7.6

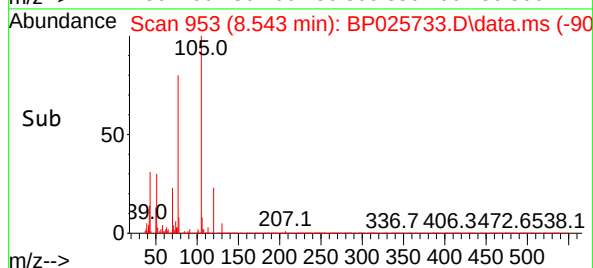
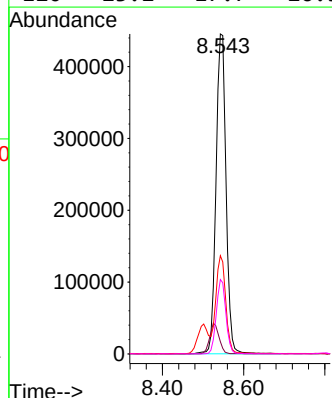
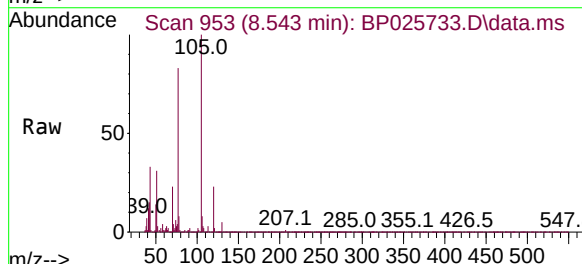
Manual Integrations
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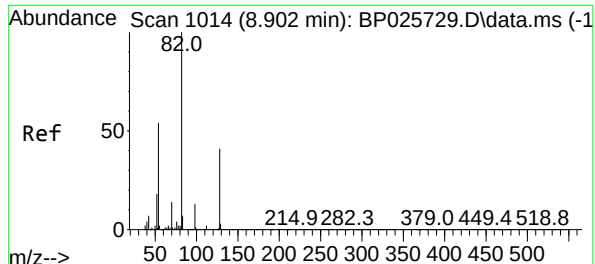
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#22
Acetophenone
Concen: 51.407 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.029 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:105 Resp: 767098
Ion Ratio Lower Upper
105 100
71 3.8 1.8 2.8
51 30.7 23.5 35.3
120 23.2 17.7 26.5





#23

Nitrobenzene-d5

Concen: 102.956 ng

RT: 8.878 min Scan# 1010

Delta R.T. -0.024 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 1303272

Ion Ratio Lower Upper

82 100

128 41.0 32.9 49.3

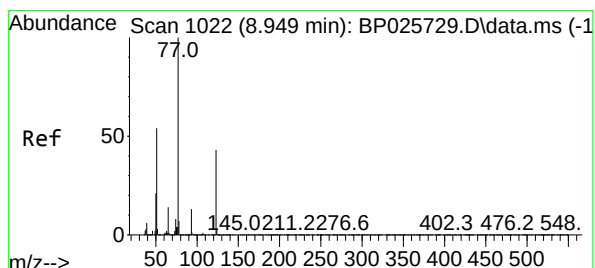
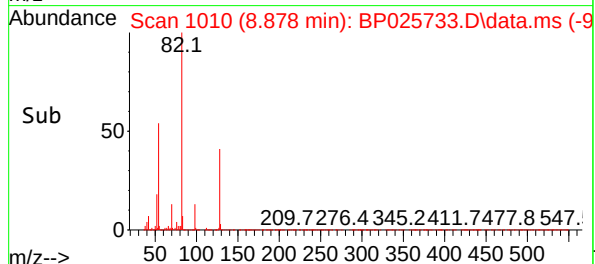
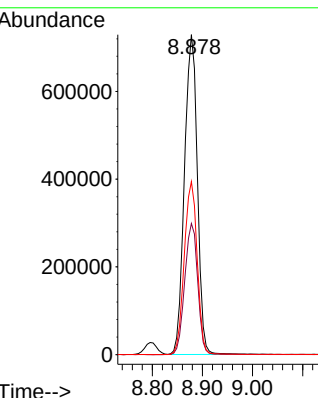
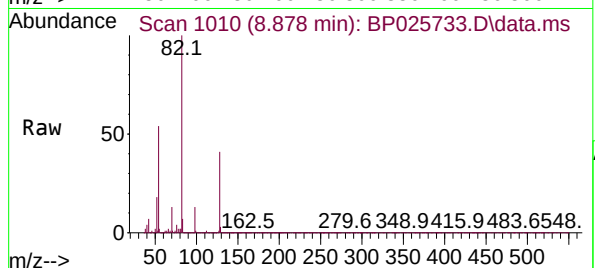
54 54.1 43.4 65.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#24

Nitrobenzene

Concen: 51.351 ng

RT: 8.919 min Scan# 1017

Delta R.T. -0.029 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

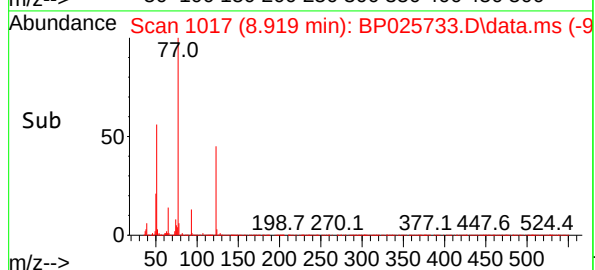
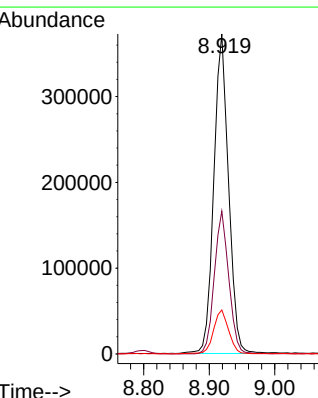
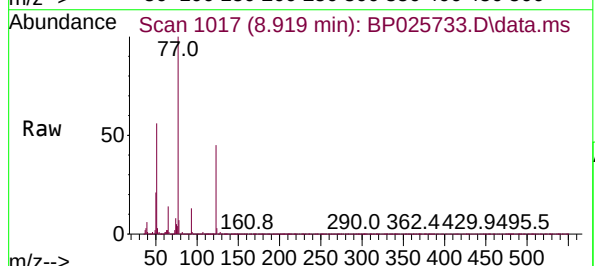
Tgt Ion: 77 Resp: 583136

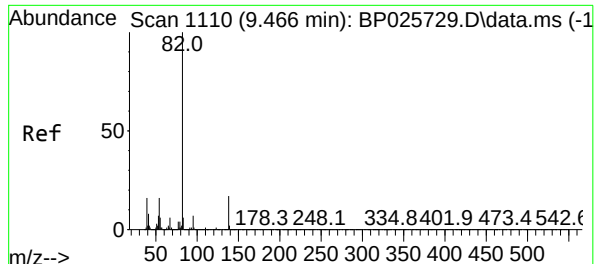
Ion Ratio Lower Upper

77 100

123 44.6 34.4 51.6

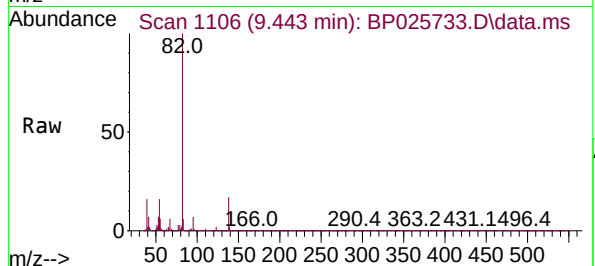
65 13.7 10.8 16.2





#25
Isophorone
Concen: 51.161 ng
RT: 9.443 min Scan# 1106
Delta R.T. -0.024 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

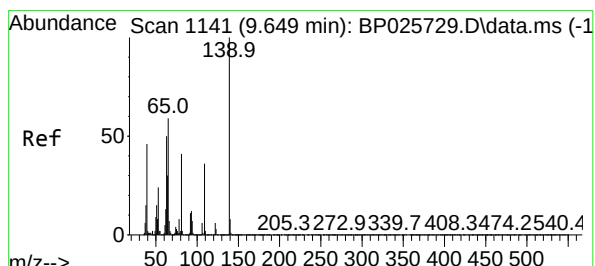
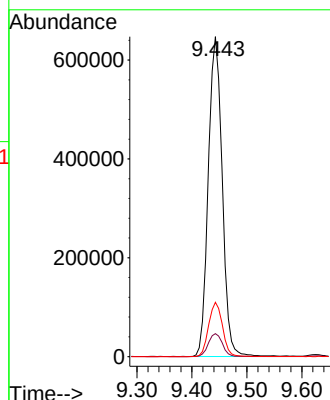
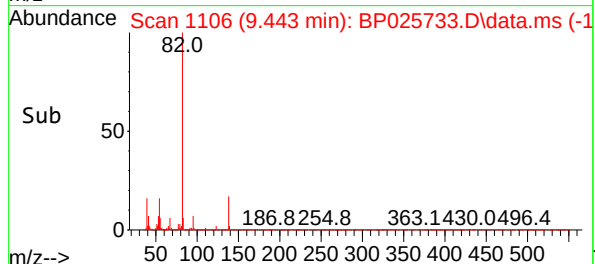
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



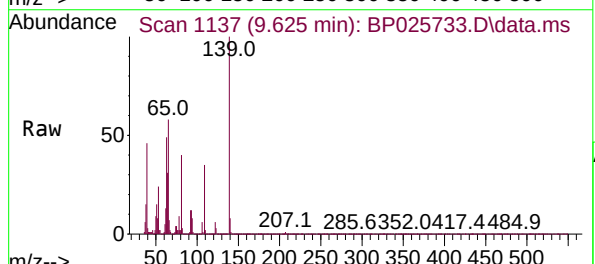
Tgt Ion: 82 Resp: 1138308
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 17.0 13.5 20.3

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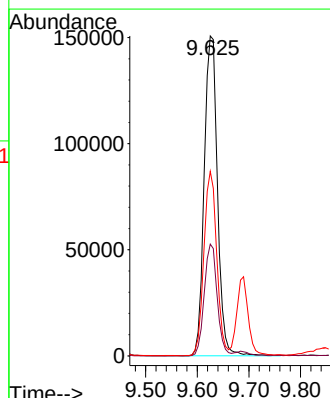
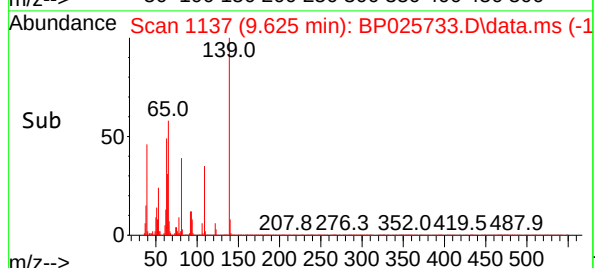
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

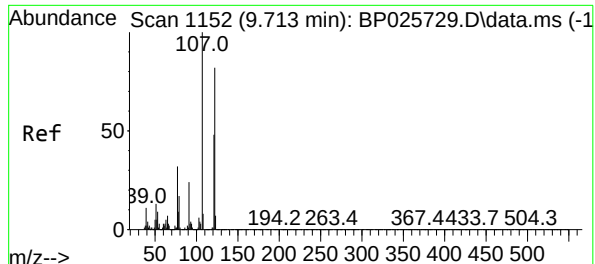


#26
2-Nitrophenol
Concen: 53.408 ng
RT: 9.625 min Scan# 1137
Delta R.T. -0.024 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20



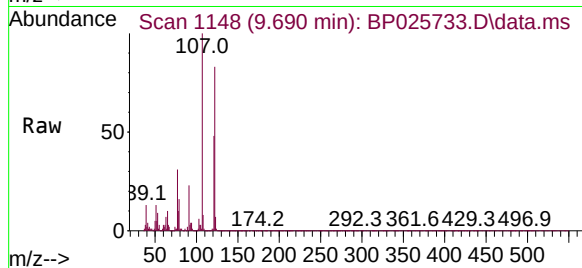
Tgt Ion:139 Resp: 269275
Ion Ratio Lower Upper
139 100
109 34.9 29.0 43.4
65 57.7 46.9 70.3





#27
2,4-Dimethylphenol
Concen: 51.654 ng
RT: 9.690 min Scan# 1148
Delta R.T. -0.024 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

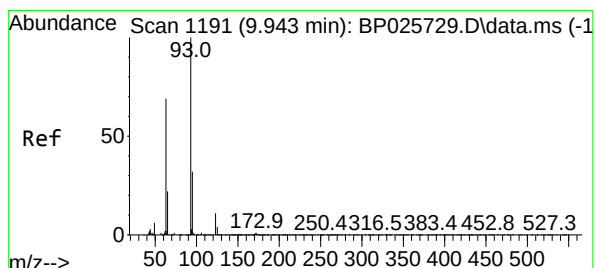
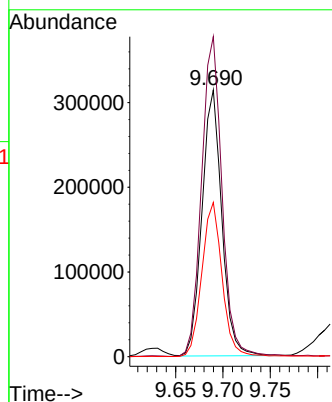
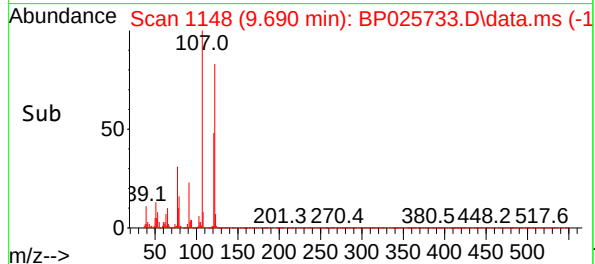
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 122 Resp: 45688
Ion Ratio Lower Upper
122 100
107 120.0 97.9 146.9
121 57.8 47.4 71.0

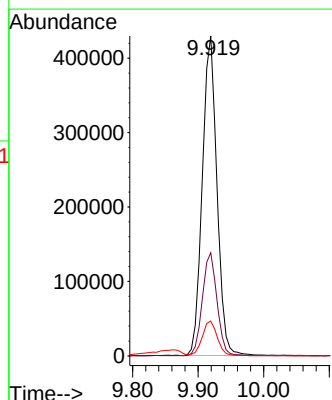
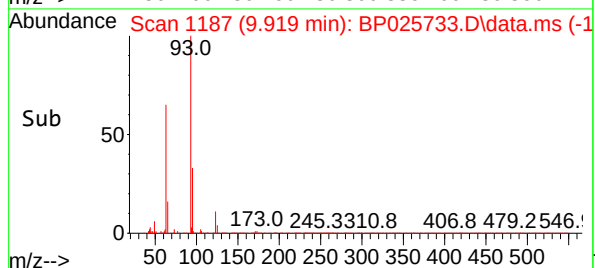
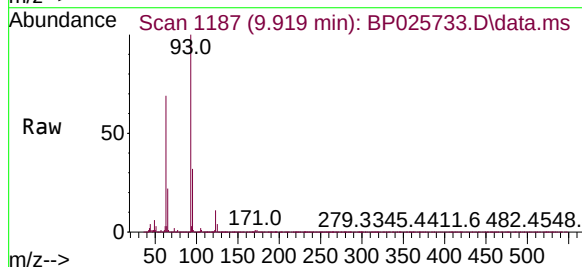
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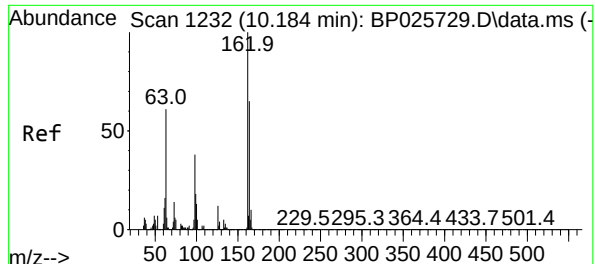
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#28
bis(2-Chloroethoxy)methane
Concen: 51.437 ng
RT: 9.919 min Scan# 1187
Delta R.T. -0.024 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion: 93 Resp: 661544
Ion Ratio Lower Upper
93 100
95 32.2 25.6 38.4
123 10.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 53.298 ng

RT: 10.160 min Scan# 1228

Delta R.T. -0.024 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 470034

Ion Ratio Lower Upper

162 100

164 65.6 44.7 84.7

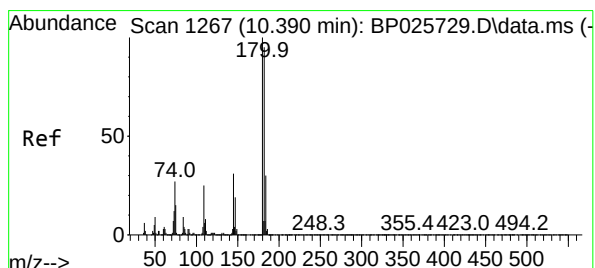
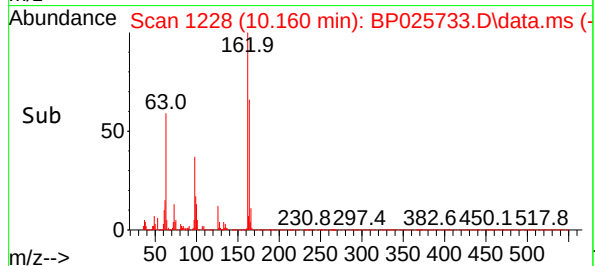
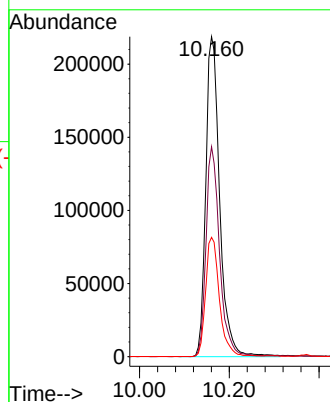
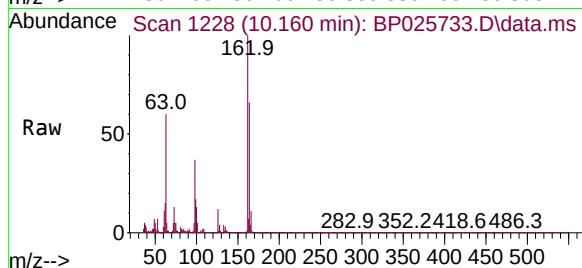
98 37.3 18.1 58.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 50.132 ng

RT: 10.366 min Scan# 1263

Delta R.T. -0.024 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

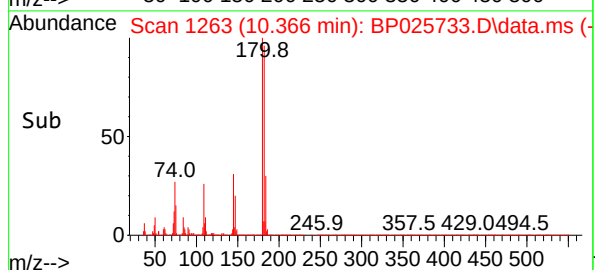
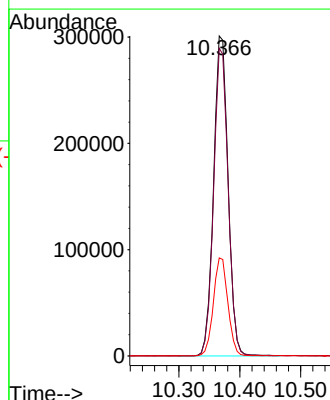
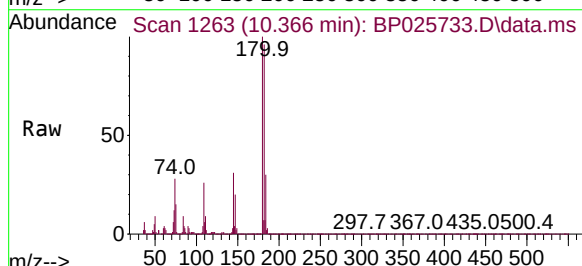
Tgt Ion:180 Resp: 498270

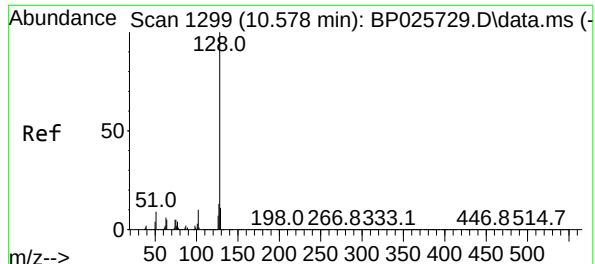
Ion Ratio Lower Upper

180 100

182 96.1 76.0 114.0

145 30.6 24.7 37.1





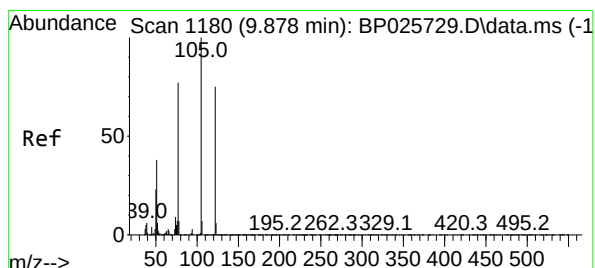
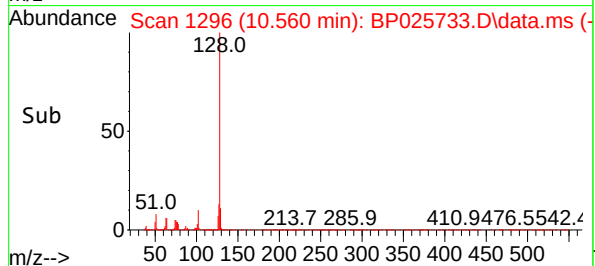
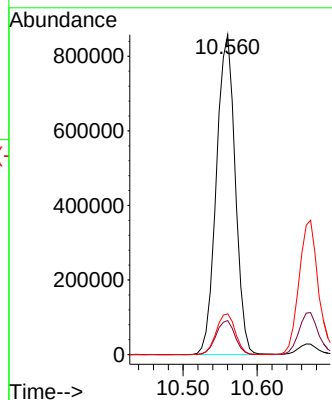
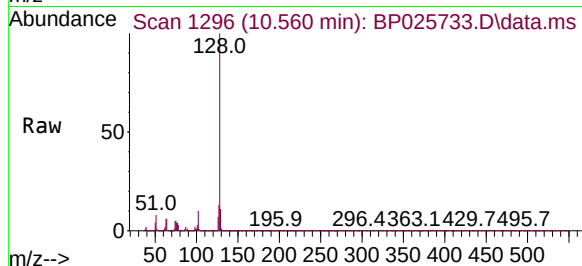
#31
Naphthalene
Concen: 50.255 ng
RT: 10.560 min Scan# 1178
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 151308
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 12.7 10.2 15.4

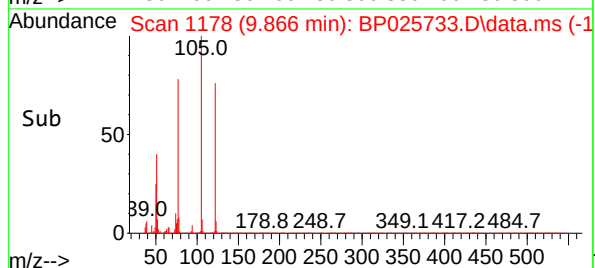
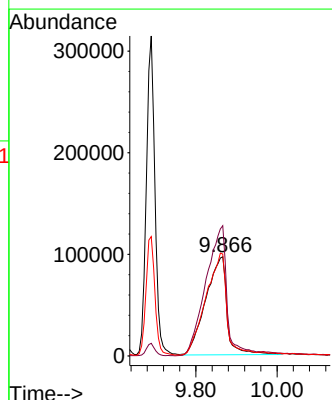
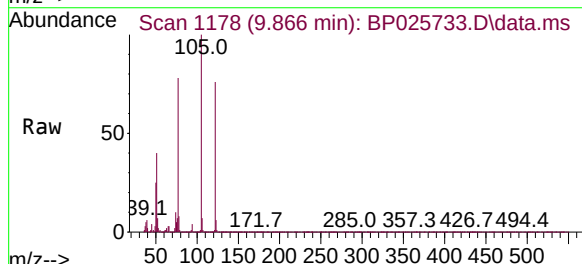
Manual Integrations
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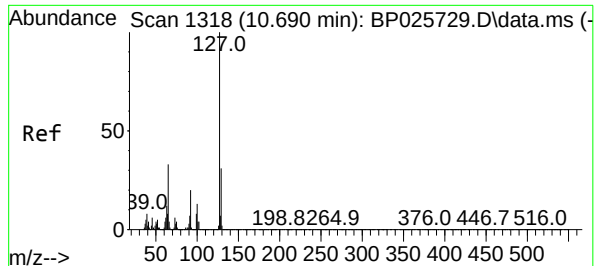
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#32
Benzoic acid
Concen: 53.738 ng
RT: 9.866 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:122 Resp: 353386
Ion Ratio Lower Upper
122 100
105 131.2 111.5 151.5
77 102.7 81.8 121.8





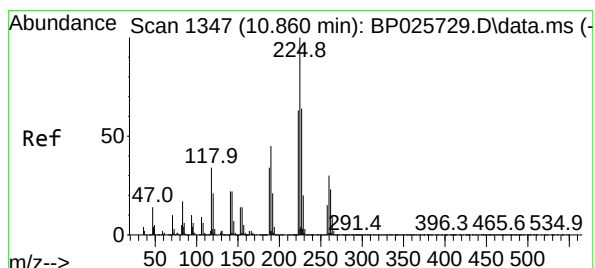
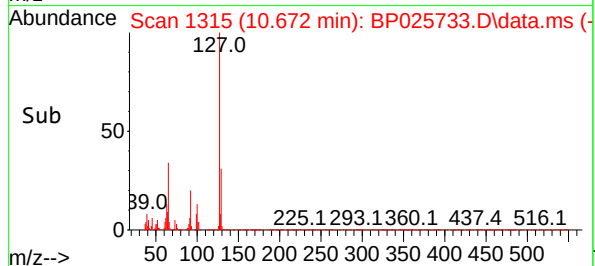
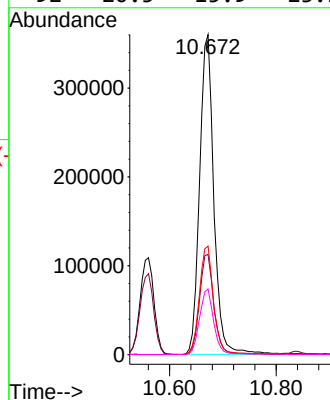
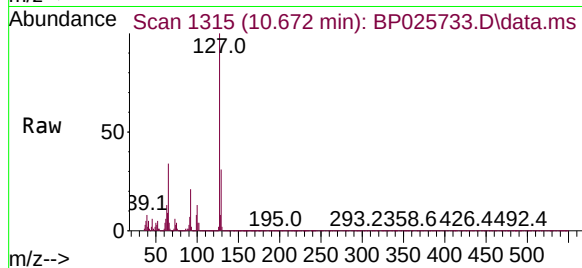
#33
4-Chloroaniline
Concen: 53.111 ng
RT: 10.672 min Scan# 1315
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 666499
Ion Ratio Lower Upper
127 100
129 31.3 25.1 37.7
65 33.9 26.4 39.6
92 20.5 15.9 23.9

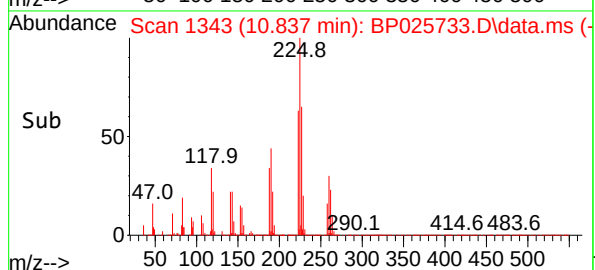
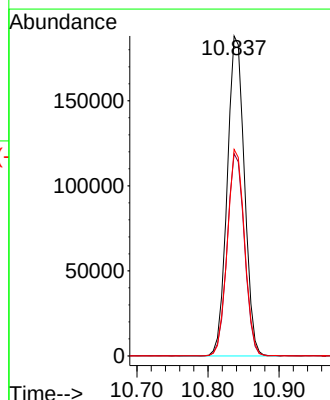
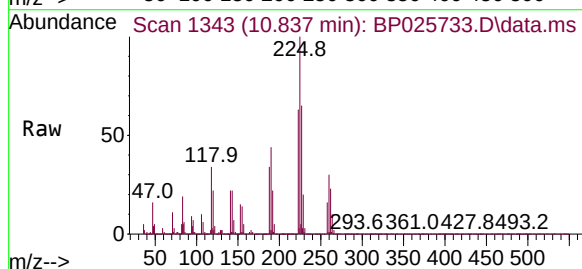
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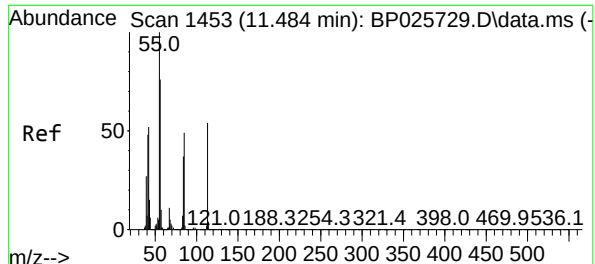
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#34
Hexachlorobutadiene
Concen: 49.495 ng
RT: 10.837 min Scan# 1343
Delta R.T. -0.024 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:225 Resp: 316676
Ion Ratio Lower Upper
225 100
223 63.2 50.1 75.1
227 64.5 51.2 76.8





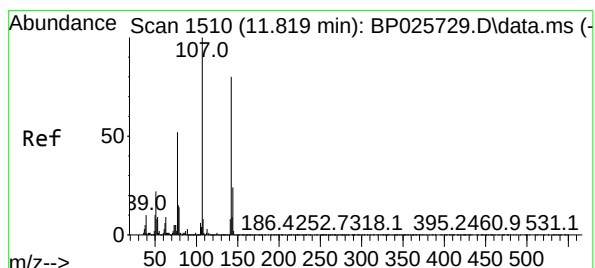
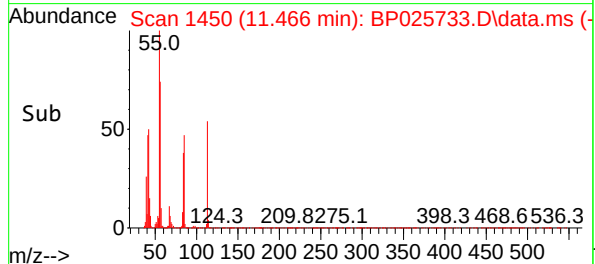
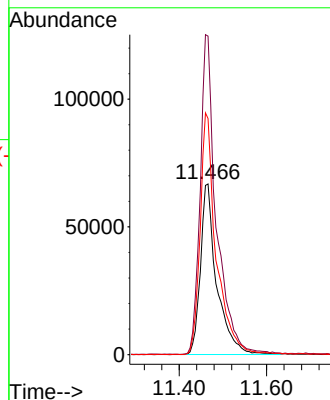
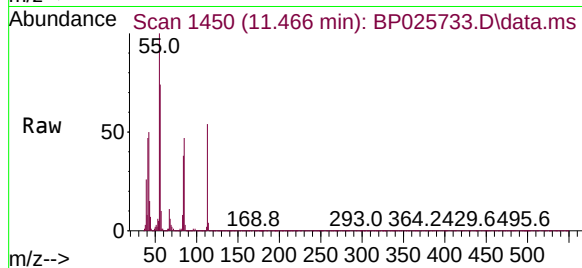
#35
Caprolactam
Concen: 50.713 ng
RT: 11.466 min Scan# 1453
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 172043
Ion Ratio Lower Upper
113 100
55 186.5 165.5 205.5
56 138.3 121.1 161.1

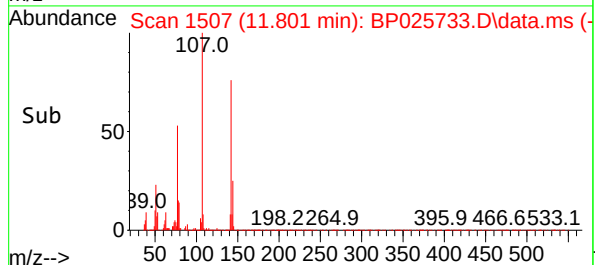
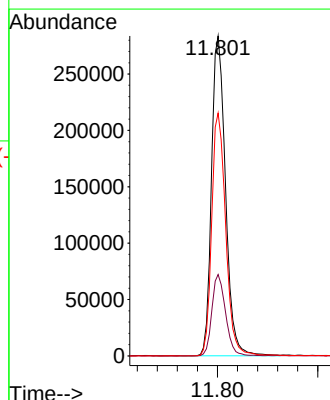
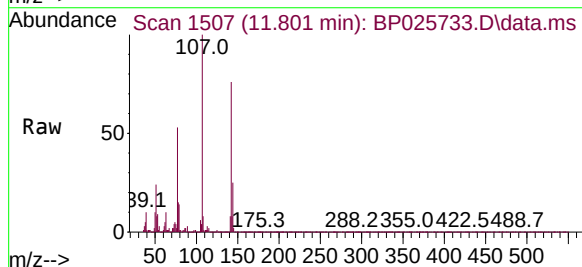
Manual Integrations
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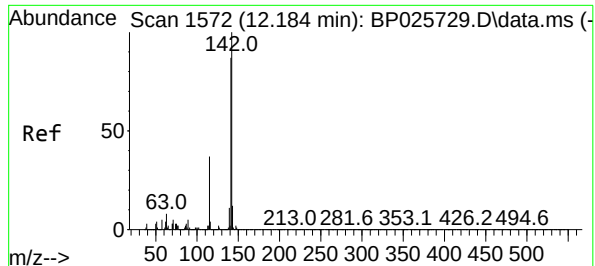
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#36
4-Chloro-3-methylphenol
Concen: 52.269 ng
RT: 11.801 min Scan# 1507
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:107 Resp: 549567
Ion Ratio Lower Upper
107 100
144 25.4 19.4 29.2
142 75.9 63.8 95.6





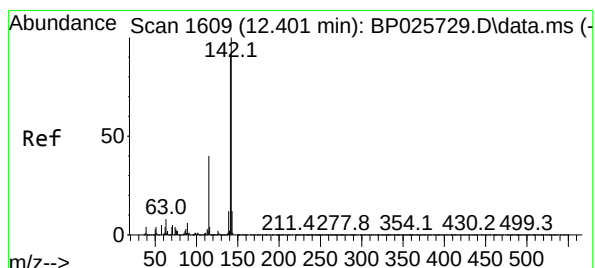
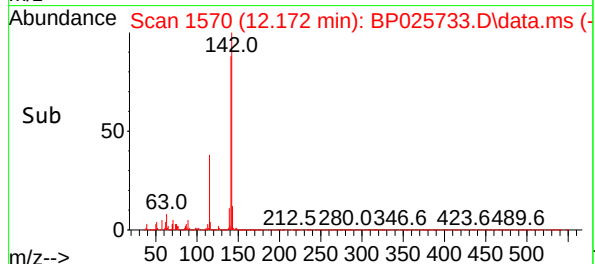
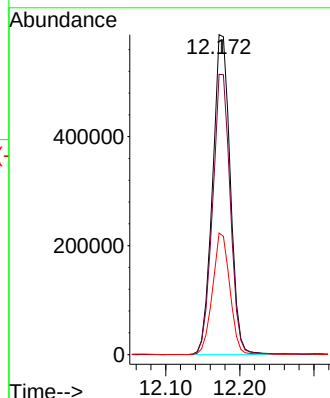
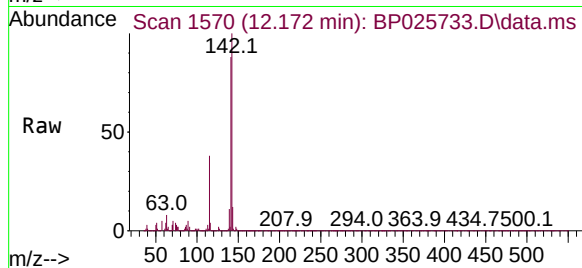
#37
2-Methylnaphthalene
Concen: 50.386 ng
RT: 12.172 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 974364
Ion Ratio Lower Upper
142 100
141 87.6 69.6 104.4
115 38.0 30.0 45.0

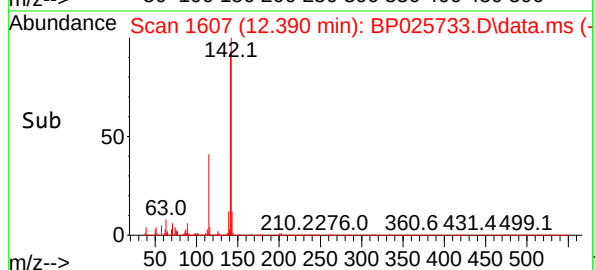
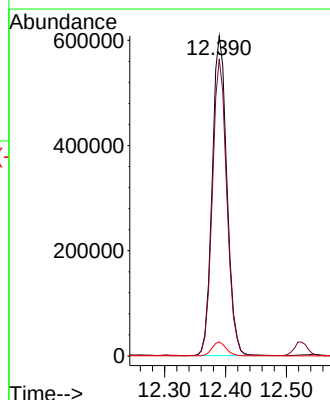
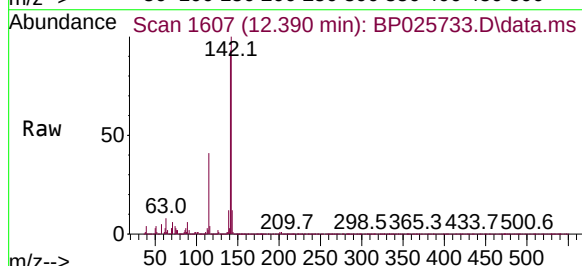
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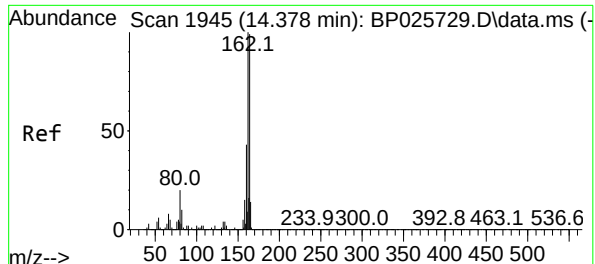
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#38
1-Methylnaphthalene
Concen: 49.456 ng
RT: 12.390 min Scan# 1607
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

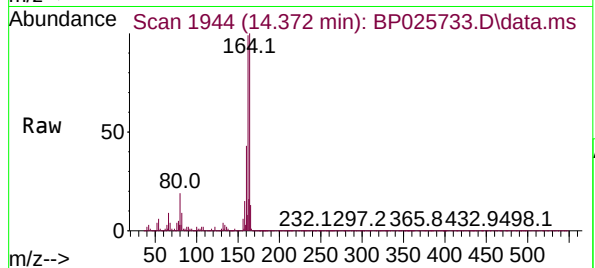
Tgt Ion:142 Resp: 1019849
Ion Ratio Lower Upper
142 100
141 92.8 72.7 109.1
116 4.4 3.5 5.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

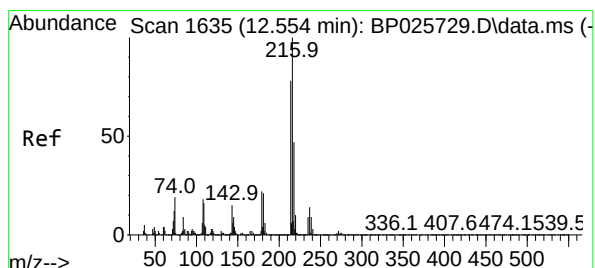
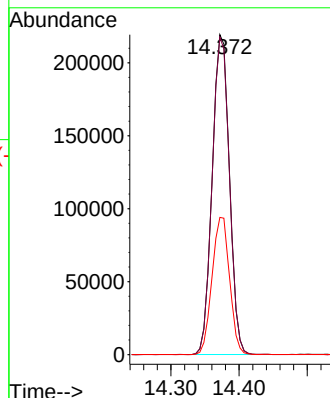
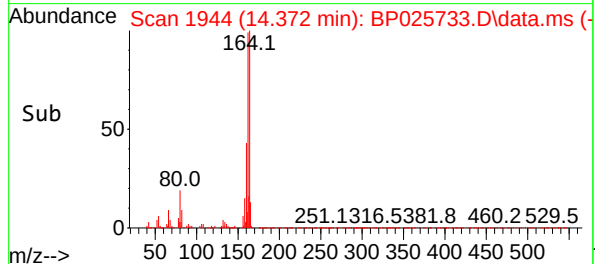
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



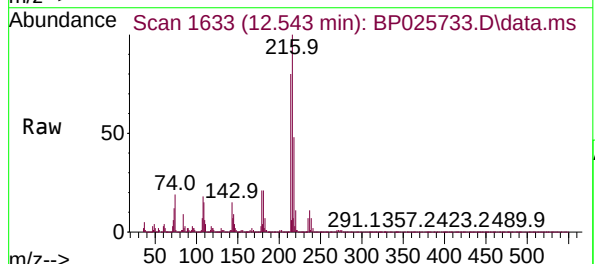
Tgt Ion:164 Resp: 384529
Ion Ratio Lower Upper
164 100
162 99.2 80.6 120.8
160 42.9 35.0 52.6

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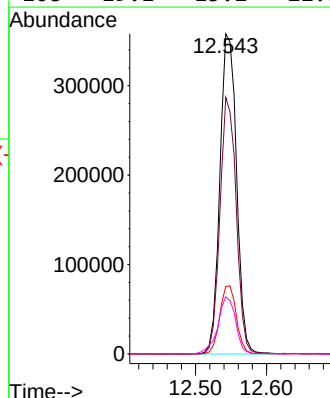
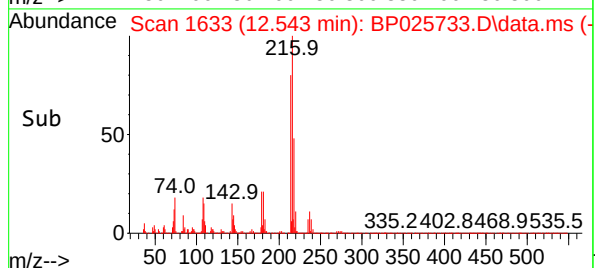
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

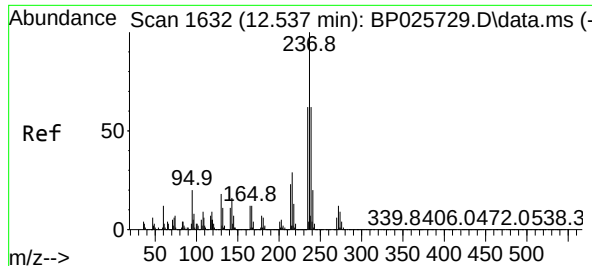


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.090 ng
RT: 12.543 min Scan# 1633
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20



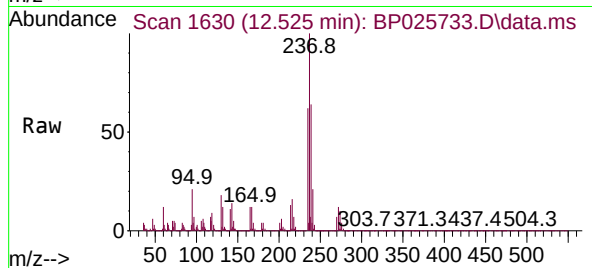
Tgt Ion:216 Resp: 583660
Ion Ratio Lower Upper
216 100
214 78.4 62.4 93.6
179 21.3 17.0 25.6
108 19.1 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 53.214 ng
RT: 12.525 min Scan# 1630
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

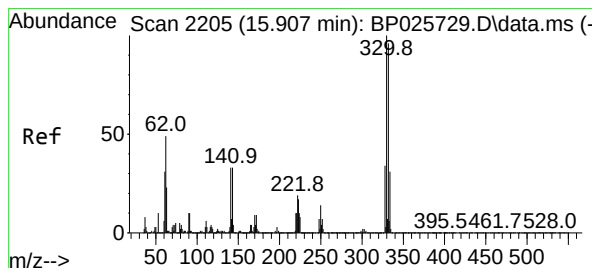
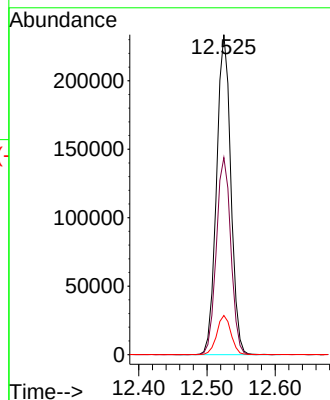
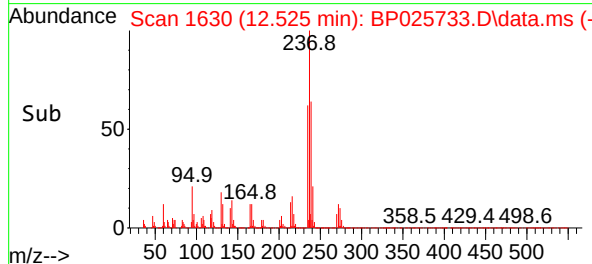
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 237 Resp: 337711
Ion Ratio Lower Upper
237 100
235 61.6 41.9 81.9
272 12.2 0.0 31.8

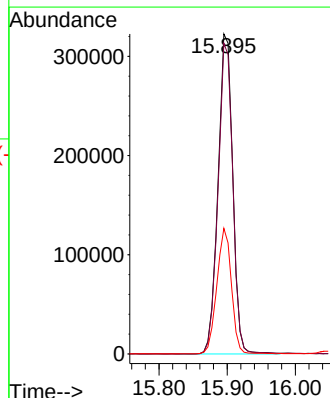
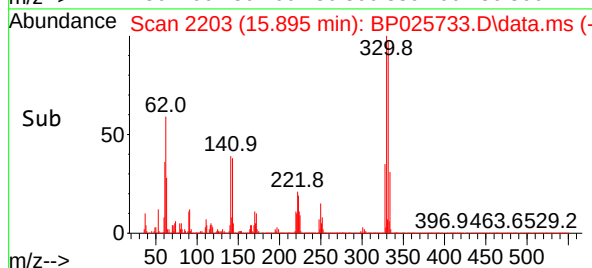
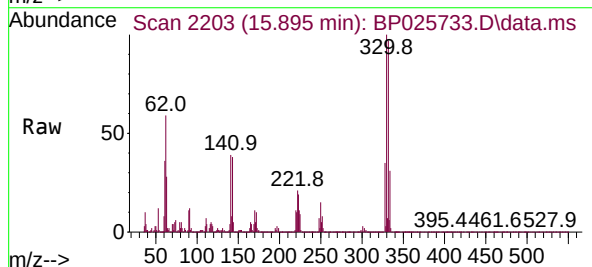
Manual Integrations
APPROVED

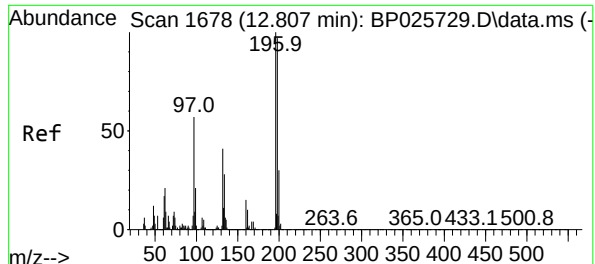
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#42
2,4,6-Tribromophenol
Concen: 100.273 ng
RT: 15.895 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion: 330 Resp: 480931
Ion Ratio Lower Upper
330 100
332 96.9 76.9 115.3
141 38.9 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 51.389 ng

RT: 12.790 min Scan# 1675

Delta R.T. -0.018 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

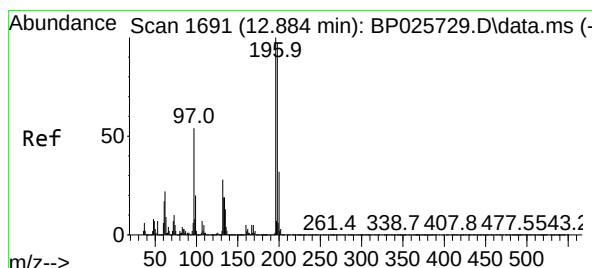
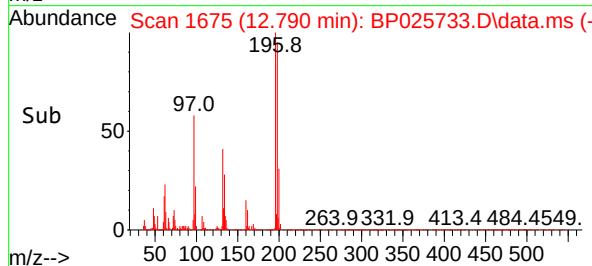
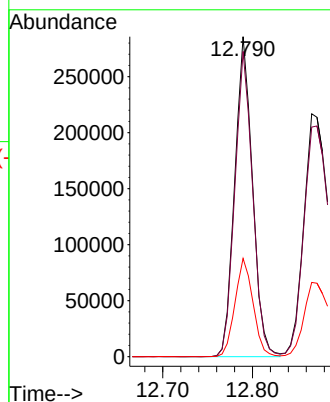
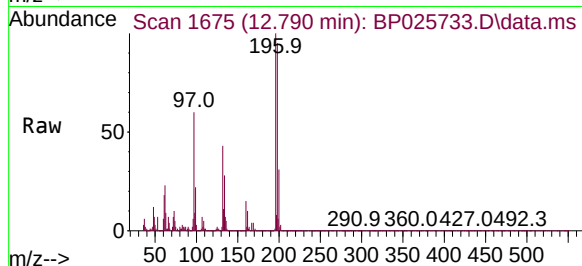
SSTDICC050

Tgt Ion:	196	Resp:	39364
Ion Ratio	Lower	Upper	
196	100		
198	95.4	77.2	115.8
200	30.7	24.2	36.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#44

2,4,5-Trichlorophenol

Concen: 51.765 ng

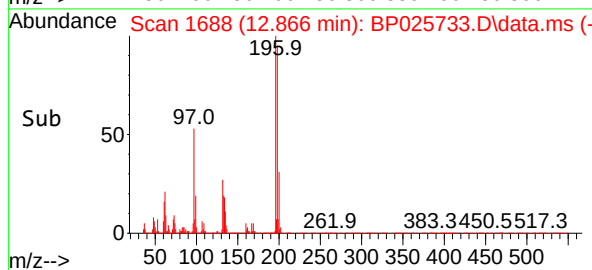
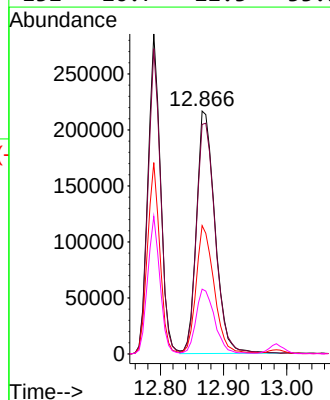
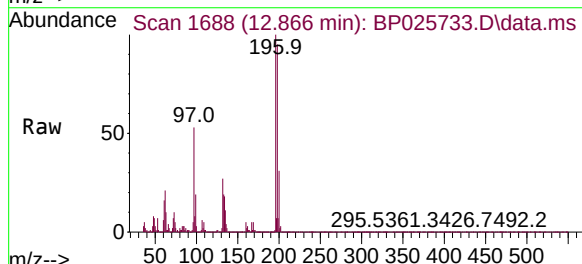
RT: 12.866 min Scan# 1688

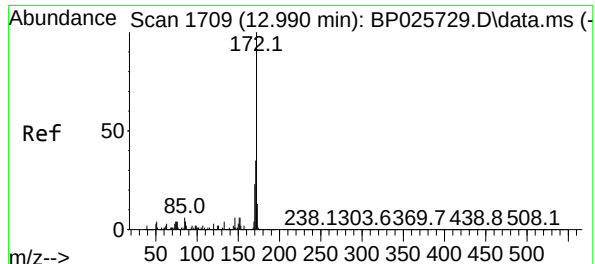
Delta R.T. -0.018 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

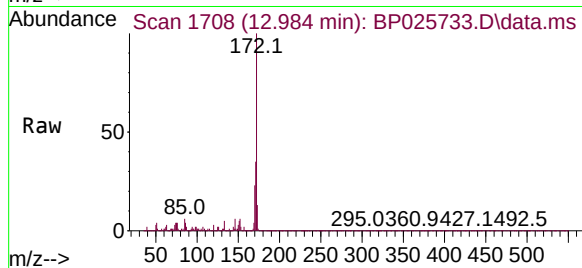
Tgt Ion:	196	Resp:	441307
Ion Ratio	Lower	Upper	
196	100		
198	94.6	77.8	116.8
97	52.8	43.3	64.9
132	26.7	22.3	33.5





#45
2-Fluorobiphenyl
Concen: 98.461 ng
RT: 12.984 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

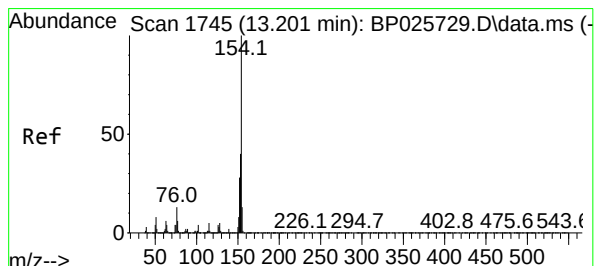
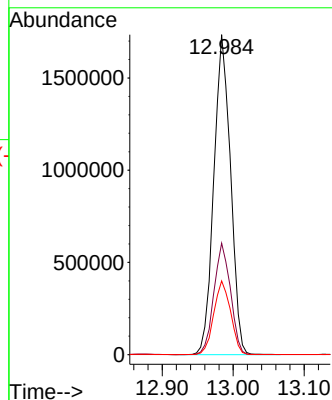
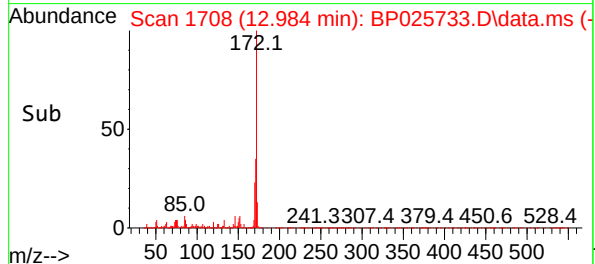
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:172 Resp: 2843494
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.0 18.6 27.8

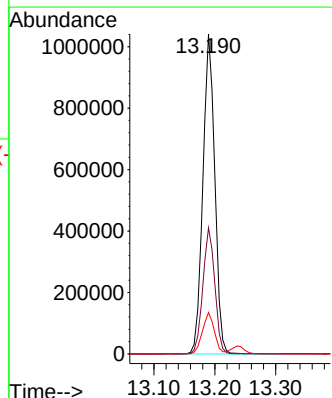
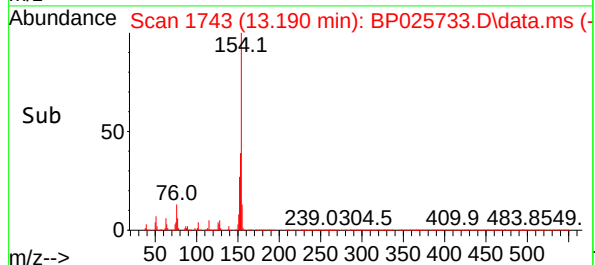
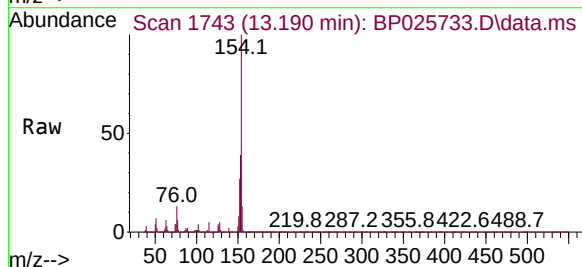
Manual Integrations
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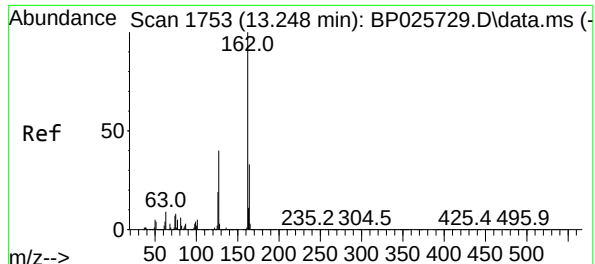
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#46
1,1'-Biphenyl
Concen: 49.905 ng
RT: 13.190 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:154 Resp: 1408553
Ion Ratio Lower Upper
154 100
153 39.4 19.7 59.7
76 12.9 0.0 33.3





#47

2-Chloronaphthalene

Concen: 50.347 ng

RT: 13.237 min Scan# 1751

Delta R.T. -0.012 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 1118909

Ion Ratio Lower Upper

162 100

127 41.5 32.2 48.4

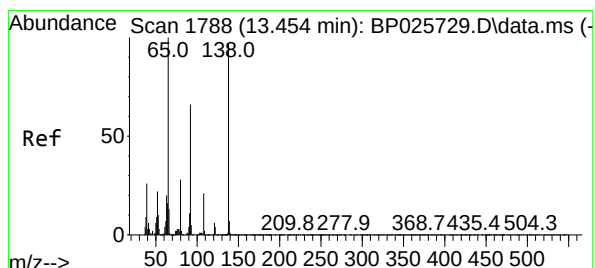
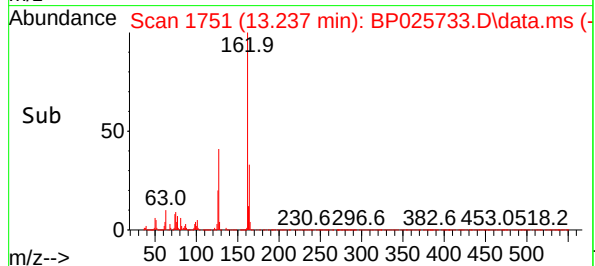
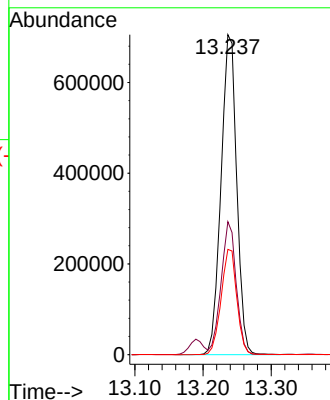
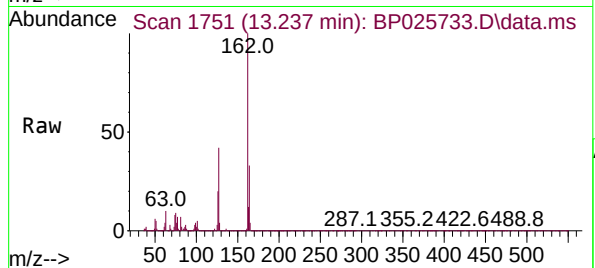
164 32.9 26.5 39.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#48

2-Nitroaniline

Concen: 51.799 ng

RT: 13.448 min Scan# 1787

Delta R.T. -0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

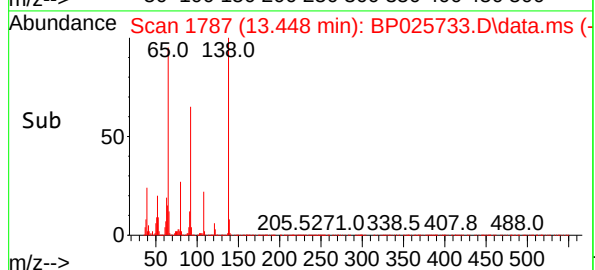
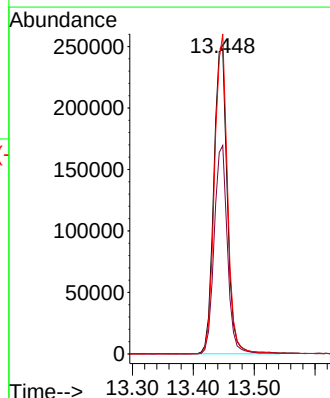
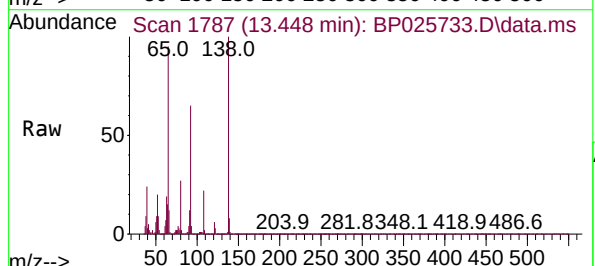
Tgt Ion: 65 Resp: 383740

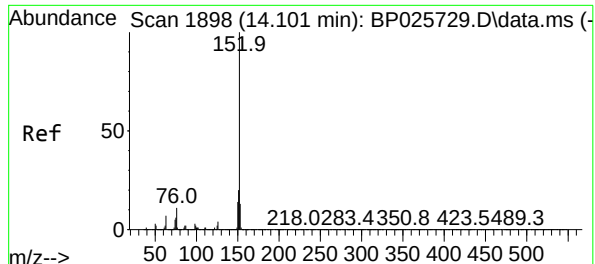
Ion Ratio Lower Upper

65 100

92 68.6 53.1 79.7

138 105.3 77.8 116.8





#49

Acenaphthylene

Concen: 49.702 ng

RT: 14.095 min Scan# 1897

Delta R.T. -0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:152 Resp: 1830164

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

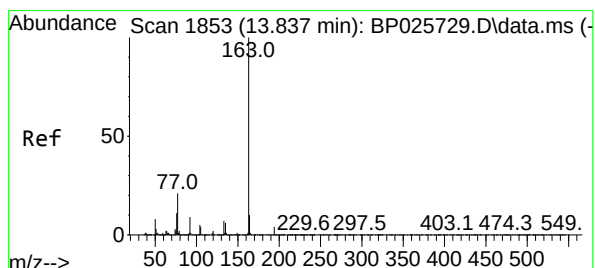
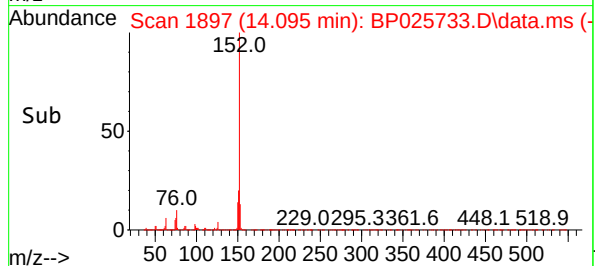
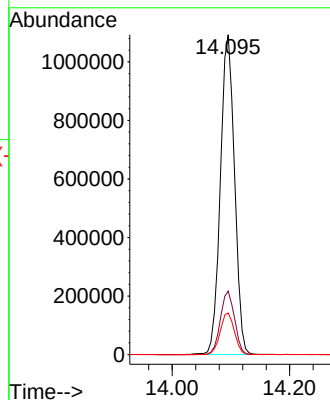
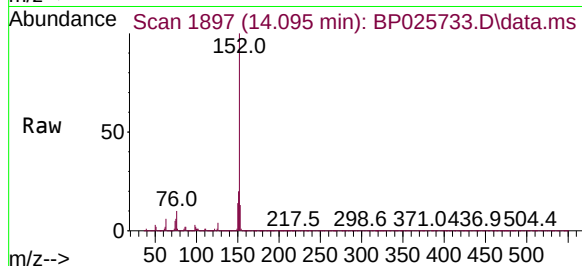
153 13.0 10.5 15.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#50

Dimethylphthalate

Concen: 48.895 ng

RT: 13.831 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

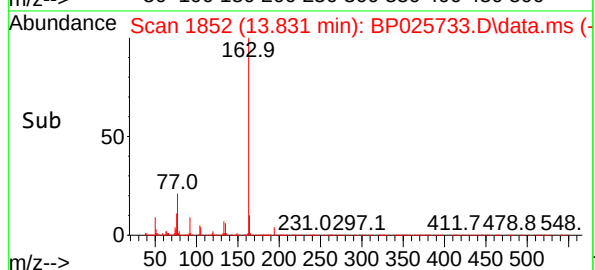
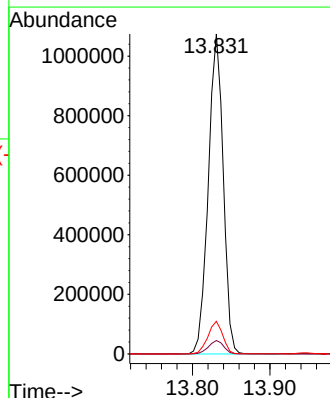
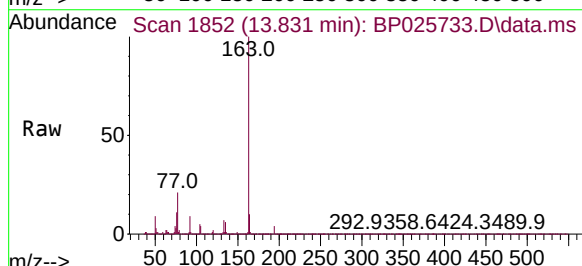
Tgt Ion:163 Resp: 1435428

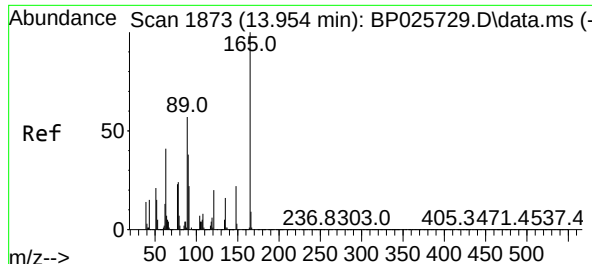
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 50.904 ng
RT: 13.948 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

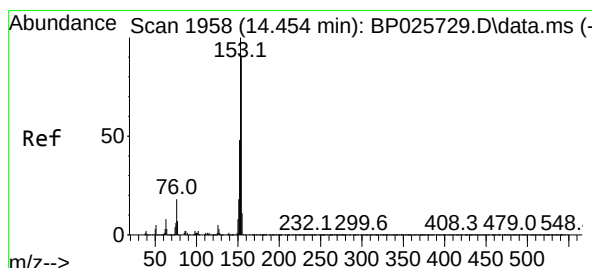
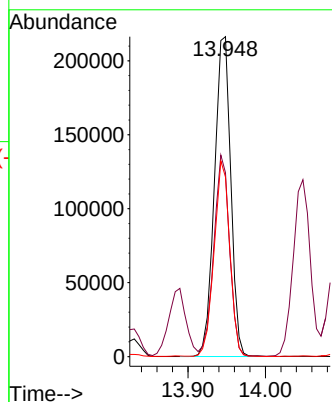
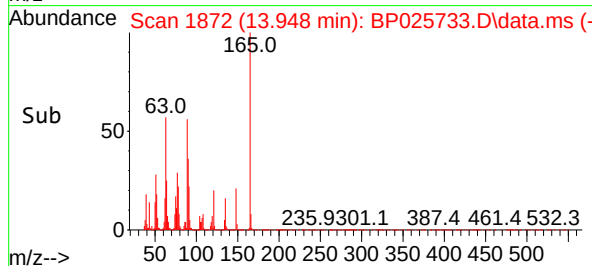
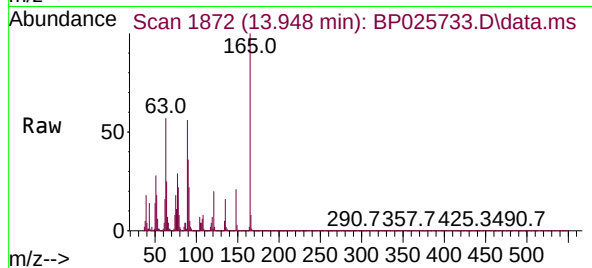
SSTDICC050

Tgt Ion:165 Resp: 316613
Ion Ratio Lower Upper
165 100
63 57.5 48.1 72.1
89 56.1 45.4 68.0

Manual Integrations

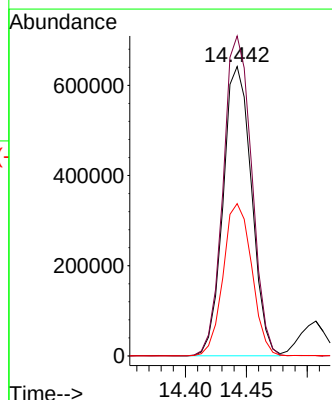
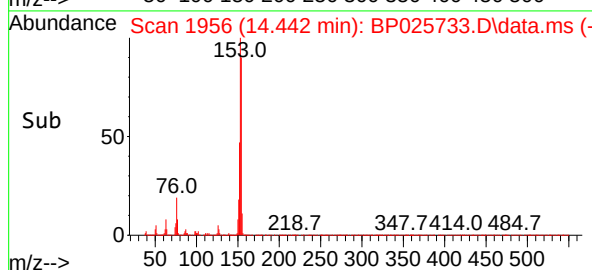
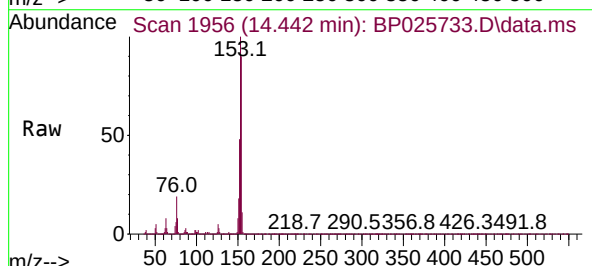
APPROVED

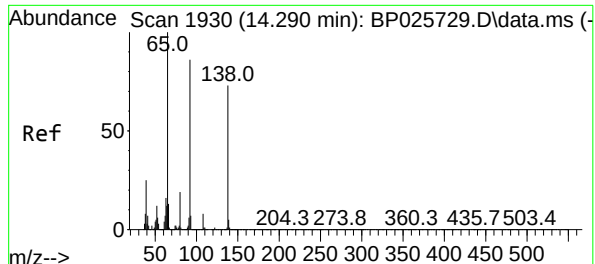
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#52
Acenaphthene
Concen: 49.094 ng
RT: 14.442 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

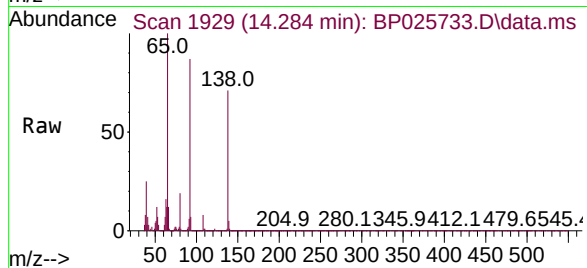
Tgt Ion:154 Resp: 1042525
Ion Ratio Lower Upper
154 100
153 110.6 89.4 134.0
152 52.6 42.5 63.7





#53
3-Nitroaniline
Concen: 52.561 ng
RT: 14.284 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

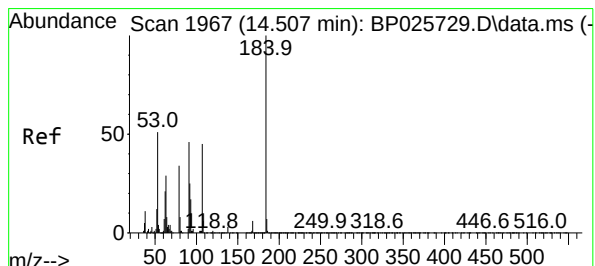
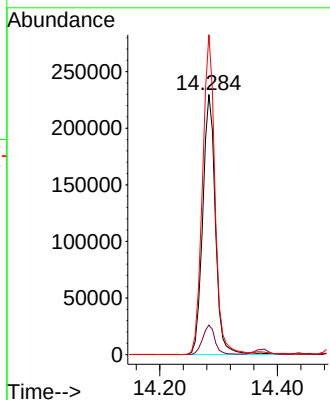
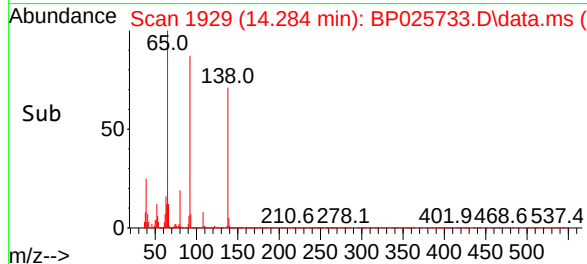
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:138 Resp: 343785
Ion Ratio Lower Upper
138 100
108 11.4 8.7 13.1
92 123.0 94.6 142.0

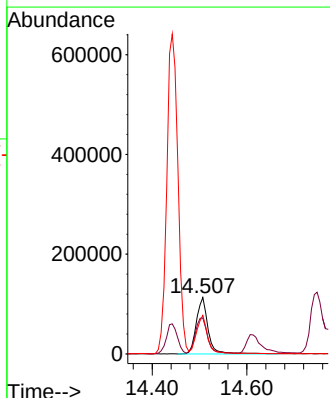
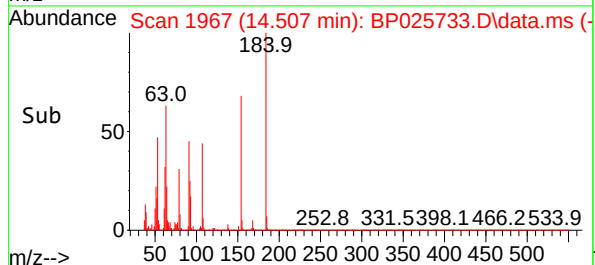
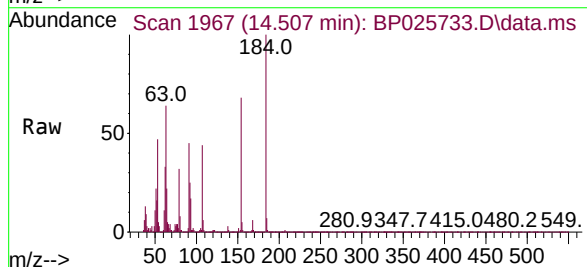
Manual Integrations
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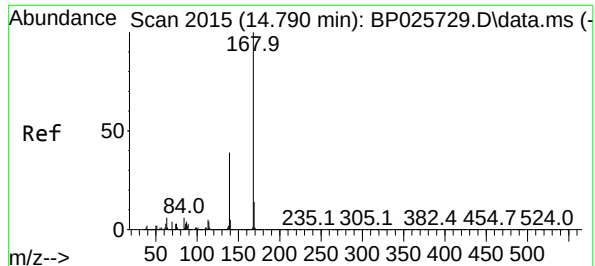
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#54
2,4-Dinitrophenol
Concen: 49.740 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:184 Resp: 193294
Ion Ratio Lower Upper
184 100
63 63.7 52.5 78.7
154 68.1 51.5 77.3





#55

Dibenzenofuran

Concen: 49.045 ng

RT: 14.784 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:168 Resp: 1697428

Ion Ratio Lower Upper

168 100

139 37.9 31.7 47.5

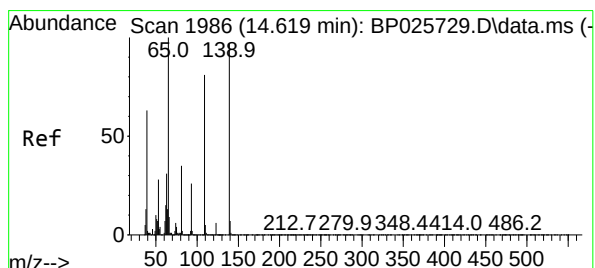
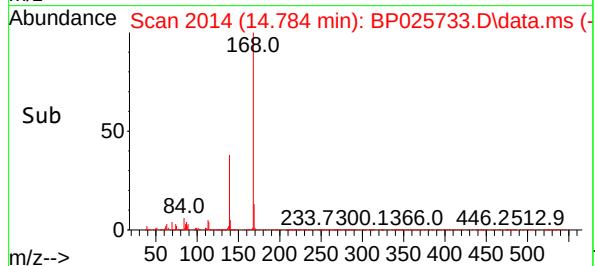
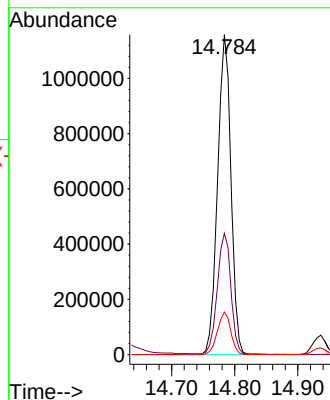
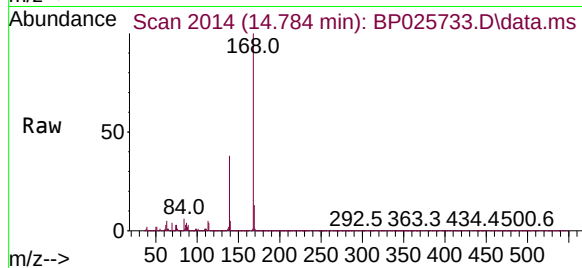
169 13.3 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#56

4-Nitrophenol

Concen: 48.388 ng

RT: 14.613 min Scan# 1985

Delta R.T. -0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

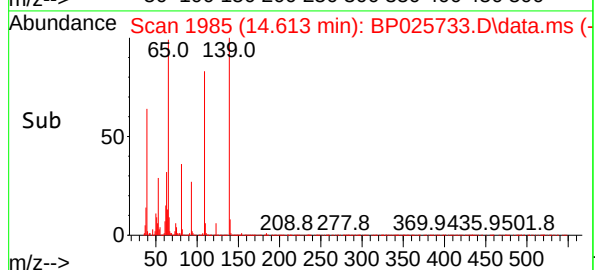
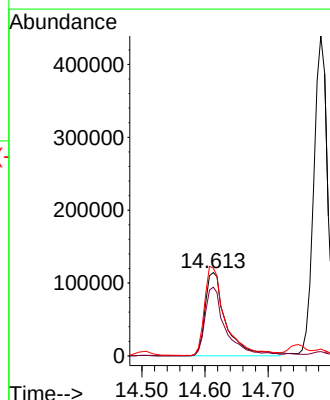
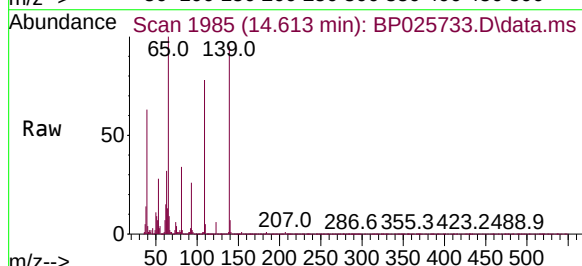
Tgt Ion:139 Resp: 261984

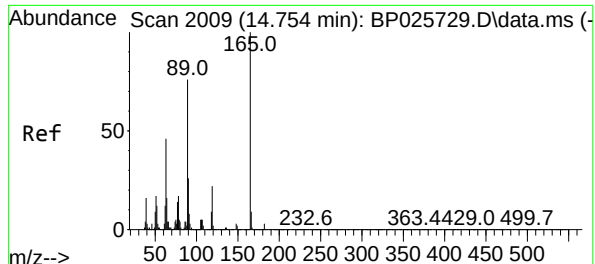
Ion Ratio Lower Upper

139 100

109 82.6 62.9 102.9

65 105.5 83.4 123.4





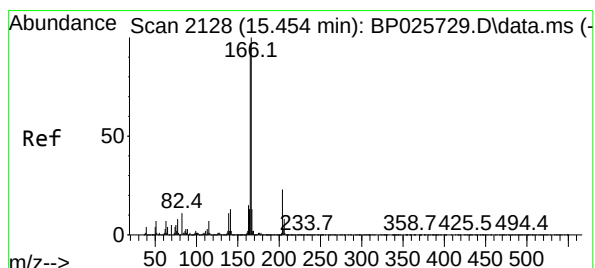
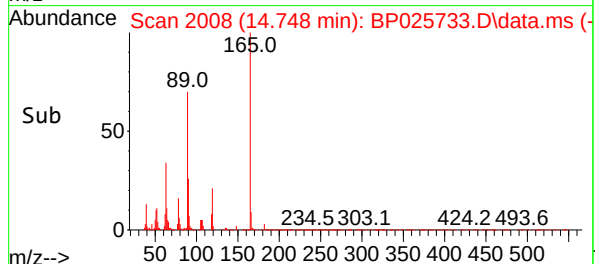
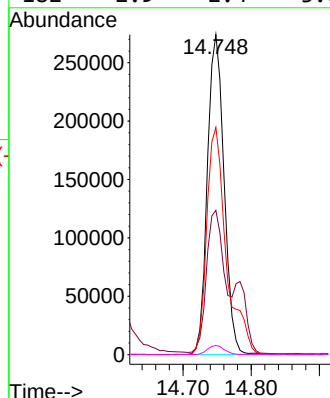
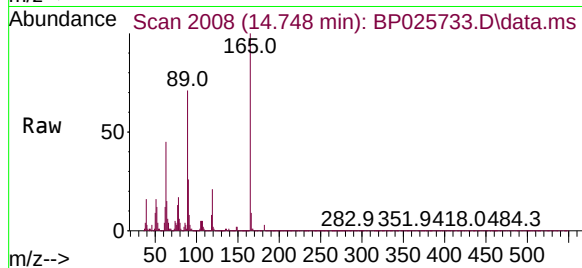
#57
2,4-Dinitrotoluene
Concen: 52.562 ng
RT: 14.748 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 465265
Ion Ratio Lower Upper
165 100
63 45.1 37.7 56.5
89 71.0 61.0 91.6
182 2.9 2.4 3.6

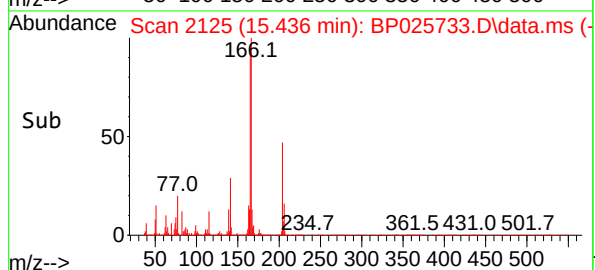
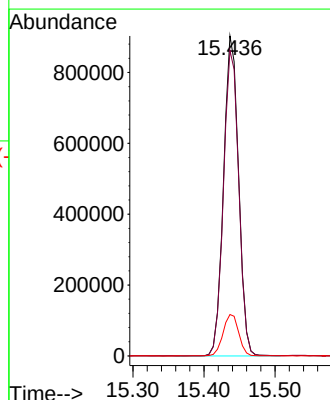
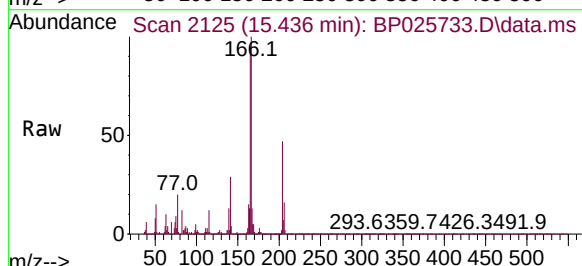
Manual Integrations
APPROVED

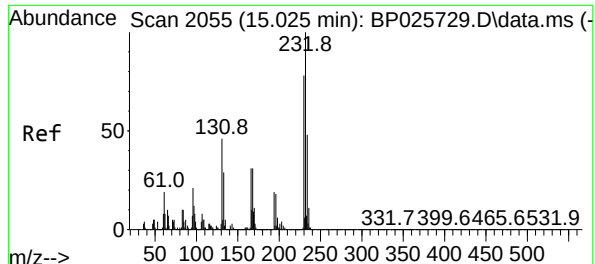
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#58
Fluorene
Concen: 48.387 ng
RT: 15.436 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

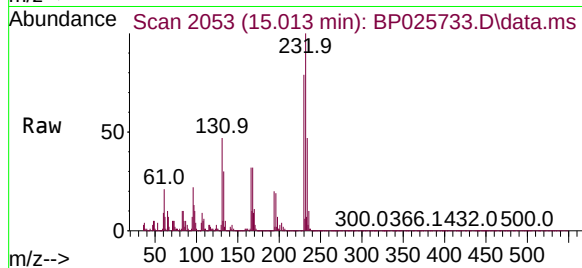
Tgt Ion:166 Resp: 1331644
Ion Ratio Lower Upper
166 100
165 95.4 77.7 116.5
167 12.9 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.625 ng
RT: 15.013 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

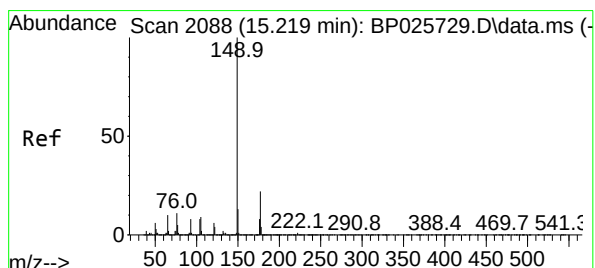
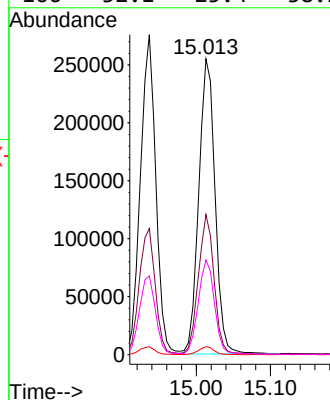
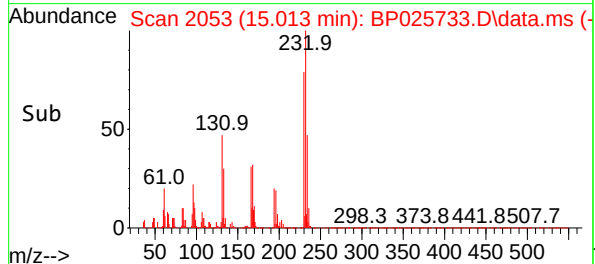
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:232 Resp: 388785
Ion Ratio Lower Upper
232 100
131 45.7 36.7 55.1
130 2.5 2.0 3.0
166 32.1 25.4 38.2

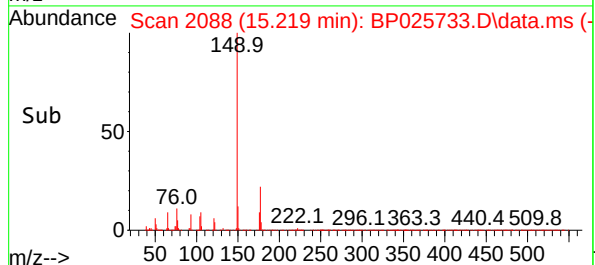
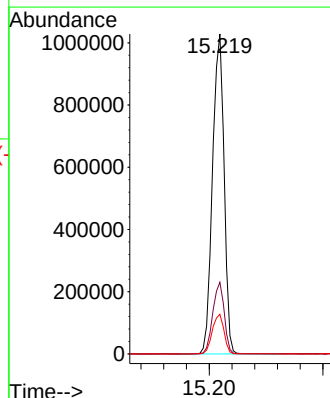
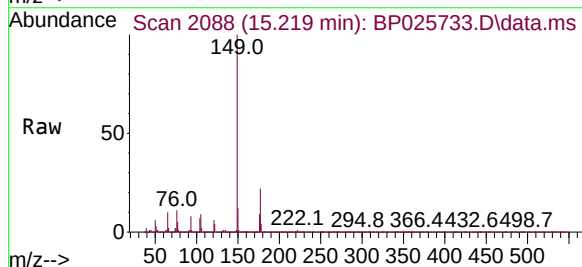
Manual Integrations
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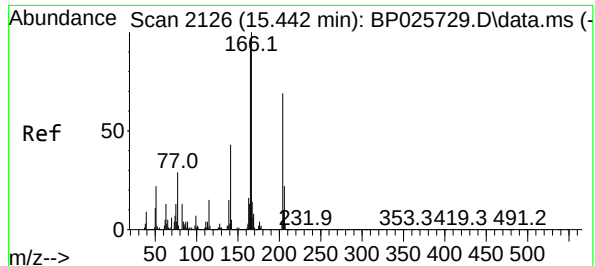
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#60
Diethylphthalate
Concen: 49.018 ng
RT: 15.219 min Scan# 2088
Delta R.T. -0.000 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:149 Resp: 1459705
Ion Ratio Lower Upper
149 100
177 22.4 17.7 26.5
150 12.4 10.0 15.0





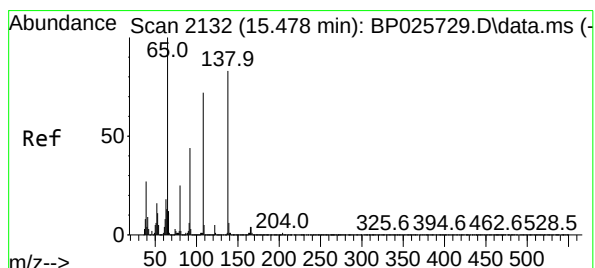
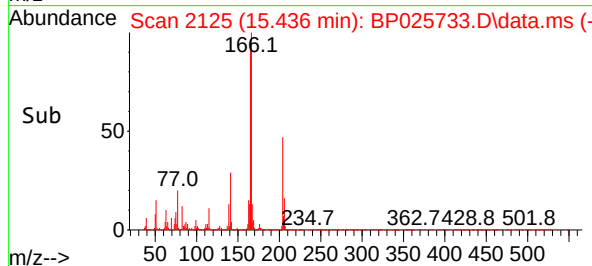
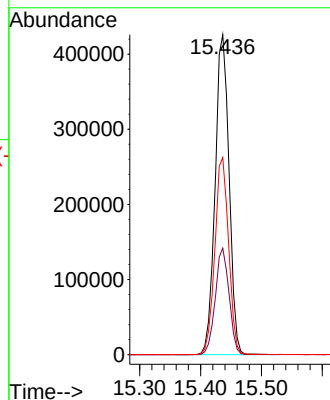
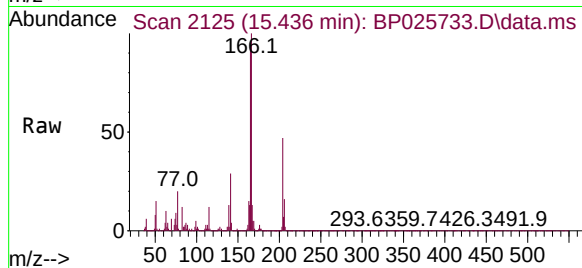
#61
4-Chlorophenyl-phenylether
Concen: 48.790 ng
RT: 15.436 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 676700
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 61.6 49.7 74.5

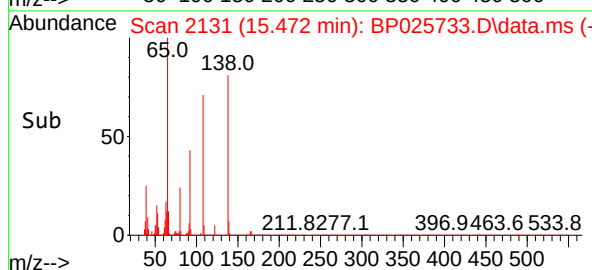
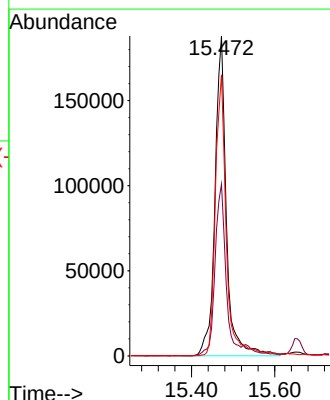
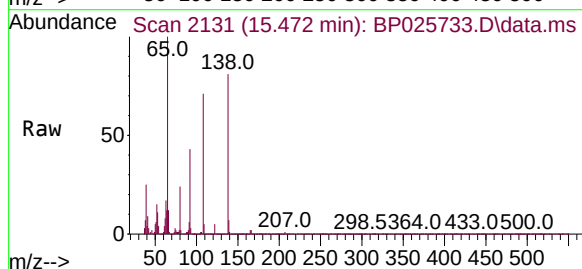
Manual Integrations
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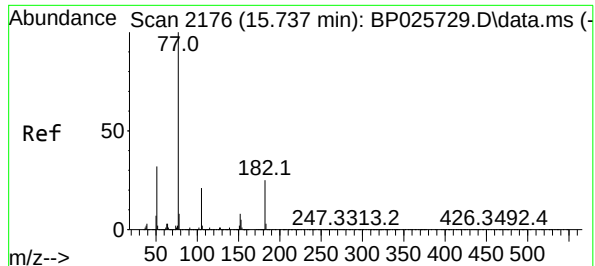
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#62
4-Nitroaniline
Concen: 53.605 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

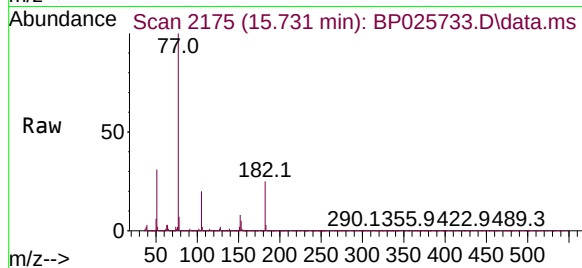
Tgt Ion:138 Resp: 358915
Ion Ratio Lower Upper
138 100
92 53.7 33.3 73.3
108 87.8 66.7 106.7





#63
Azobenzene
Concen: 50.428 ng
RT: 15.731 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

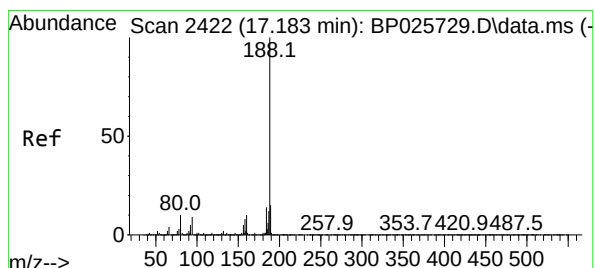
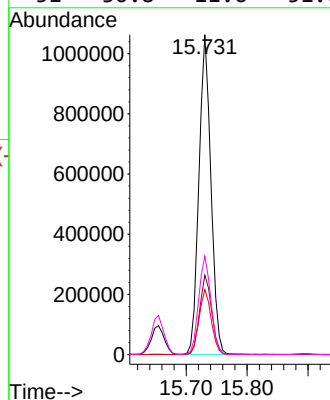
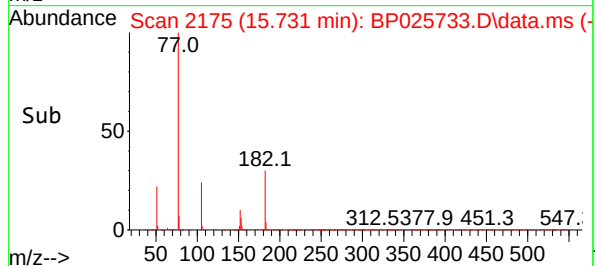
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 1452024
Ion Ratio Lower Upper
77 100
182 24.8 5.2 45.2
105 20.3 1.1 41.1
51 30.8 11.6 51.6

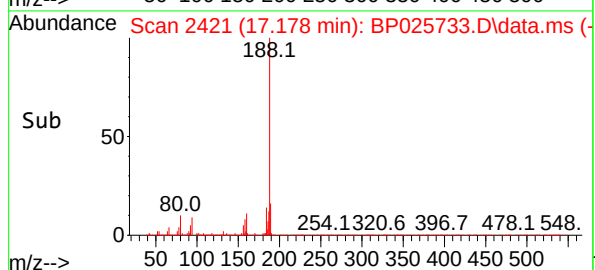
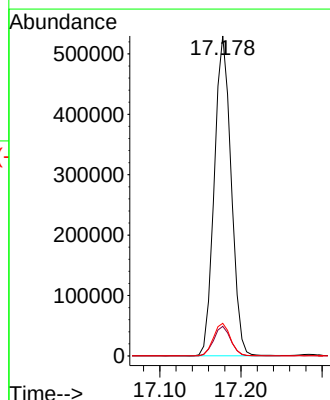
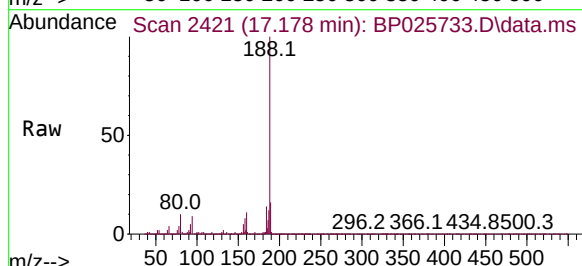
Manual Integrations
APPROVED

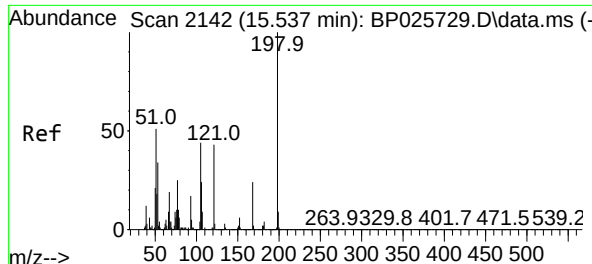
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:188 Resp: 764105
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 10.2 7.7 11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 53.609 ng

RT: 15.531 min Scan# 2142

Delta R.T. -0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:198 Resp: 272418

Ion Ratio Lower Upper

198 100

51 50.9 33.4 73.4

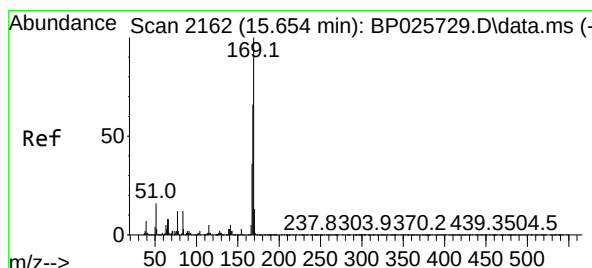
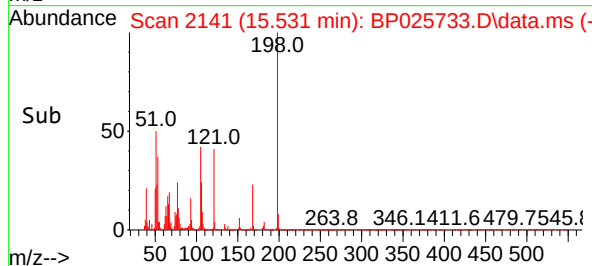
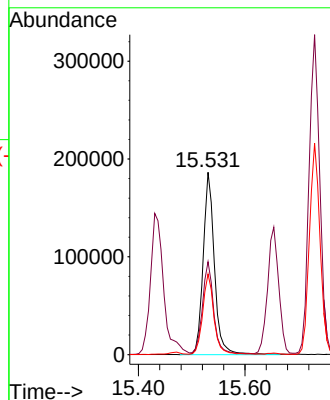
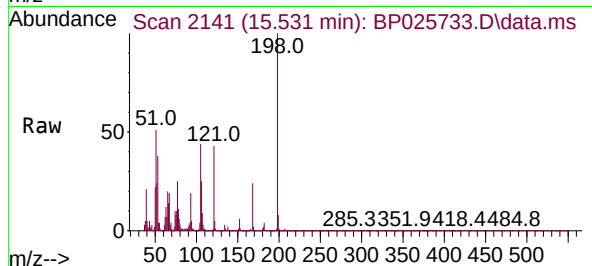
105 44.2 24.3 64.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#66

n-Nitrosodiphenylamine

Concen: 51.304 ng

RT: 15.654 min Scan# 2162

Delta R.T. -0.000 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

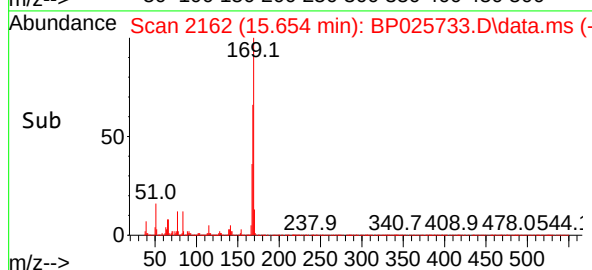
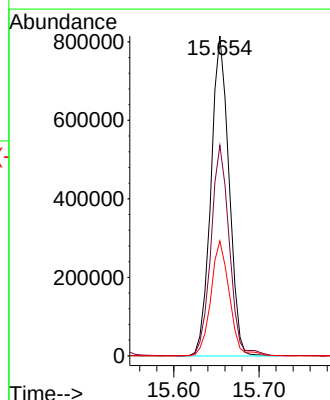
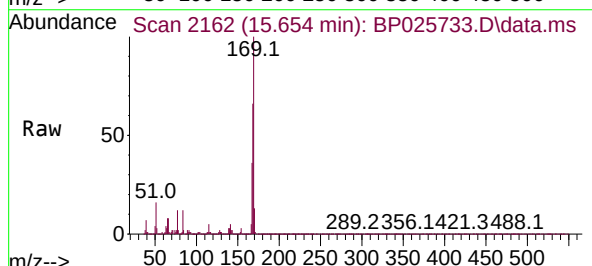
Tgt Ion:169 Resp: 1199673

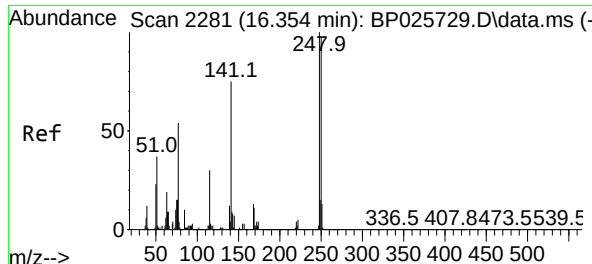
Ion Ratio Lower Upper

169 100

168 65.8 52.6 78.8

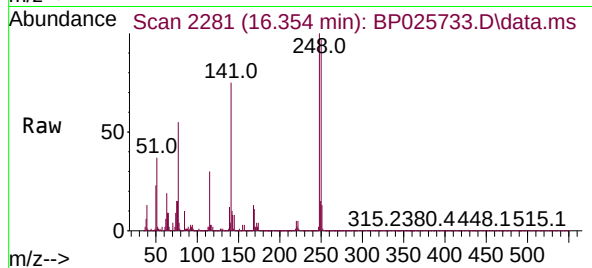
167 35.9 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 51.458 ng
RT: 16.354 min Scan# 2281
Delta R.T. -0.000 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

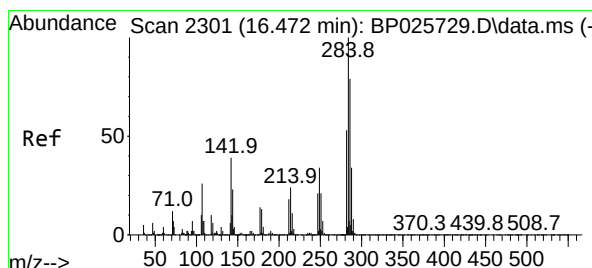
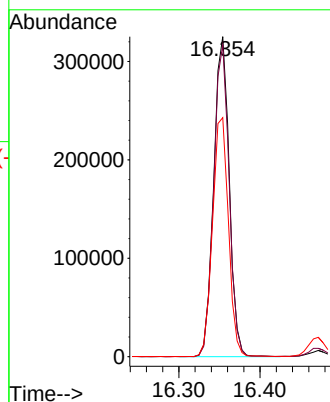
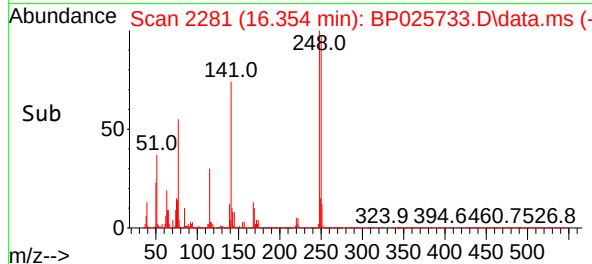
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:248 Resp: 431960
Ion Ratio Lower Upper
248 100
250 97.3 77.5 116.3
141 74.7 60.2 90.4

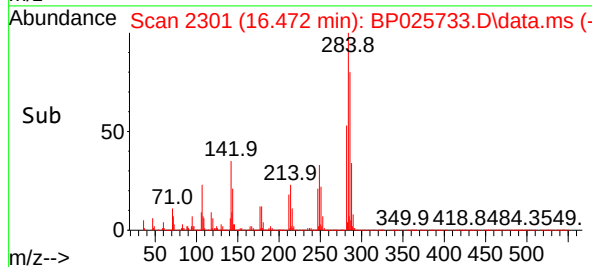
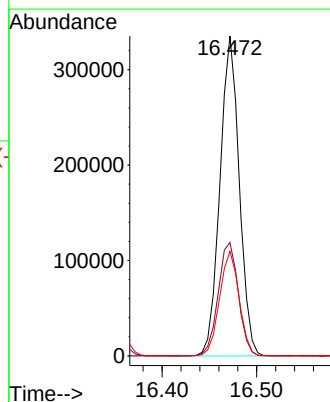
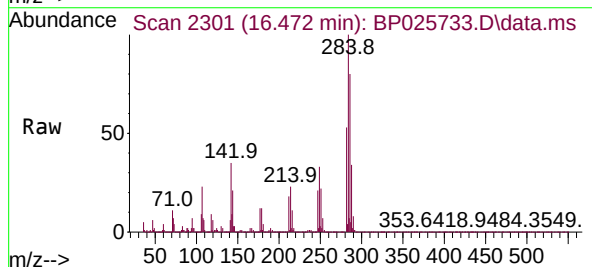
Manual Integrations
APPROVED

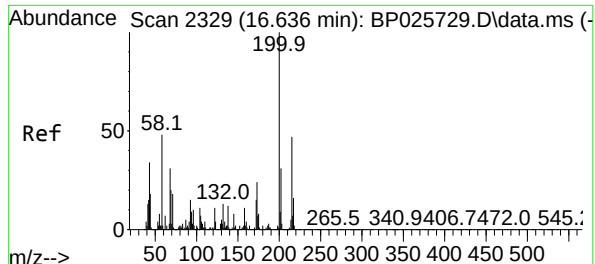
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#68
Hexachlorobenzene
Concen: 50.667 ng
RT: 16.472 min Scan# 2301
Delta R.T. -0.000 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

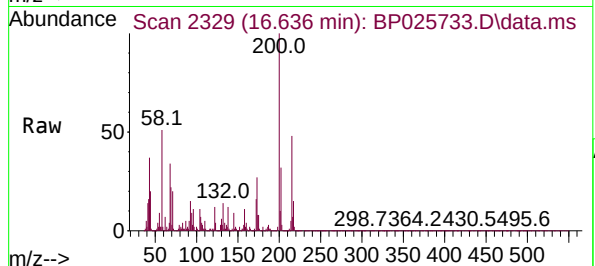
Tgt Ion:284 Resp: 474297
Ion Ratio Lower Upper
284 100
142 35.4 31.3 46.9
249 32.7 27.3 40.9





#69
Atrazine
Concen: 51.256 ng
RT: 16.636 min Scan# 2329
Delta R.T. -0.000 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

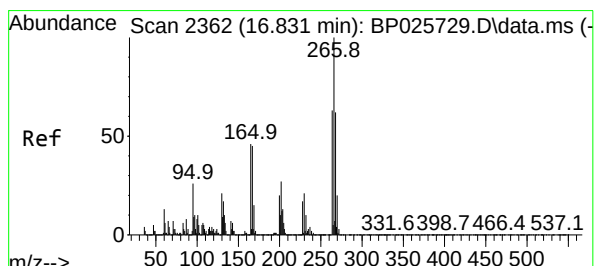
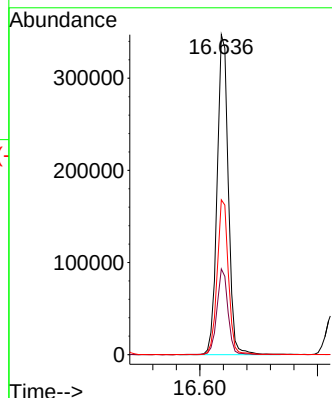
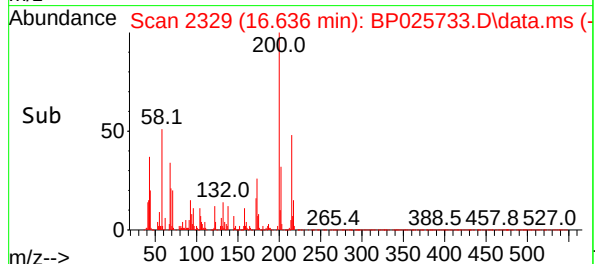
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:200 Resp: 458144
Ion Ratio Lower Upper
200 100
173 26.8 4.2 44.2
215 48.4 27.3 67.3

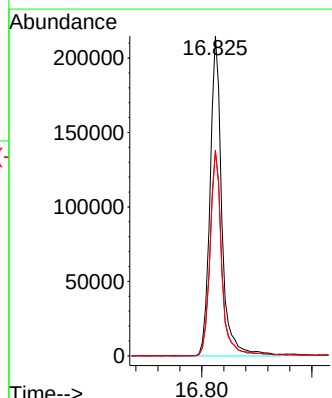
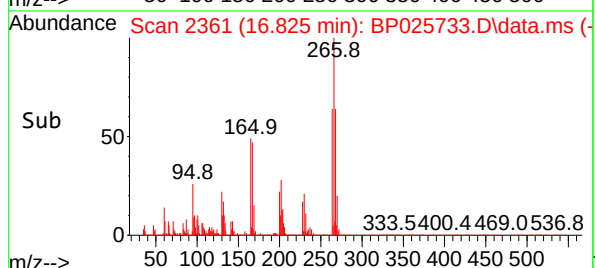
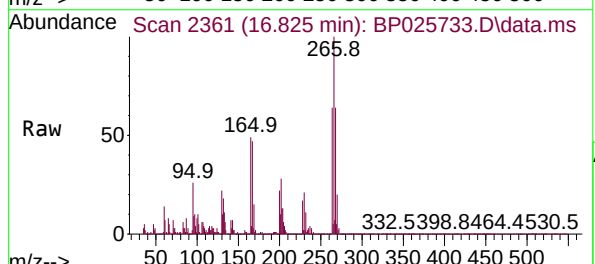
Manual Integrations
APPROVED

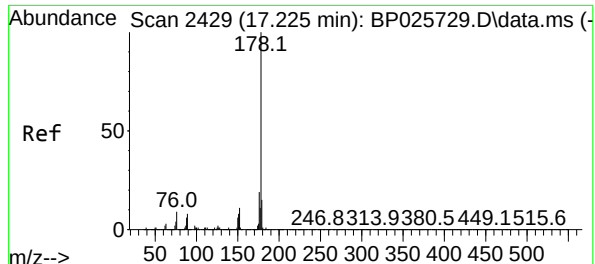
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#70
Pentachlorophenol
Concen: 51.487 ng
RT: 16.825 min Scan# 2361
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

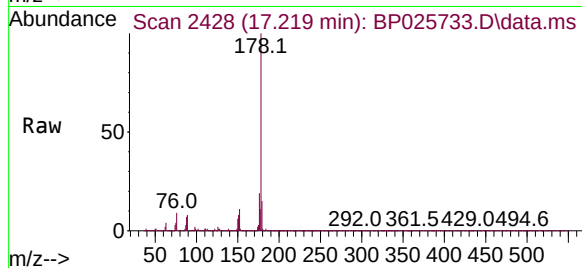
Tgt Ion:266 Resp: 318100
Ion Ratio Lower Upper
266 100
268 64.3 49.8 74.8
264 63.9 50.2 75.2





#71
Phenanthrene
Concen: 49.858 ng
RT: 17.219 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

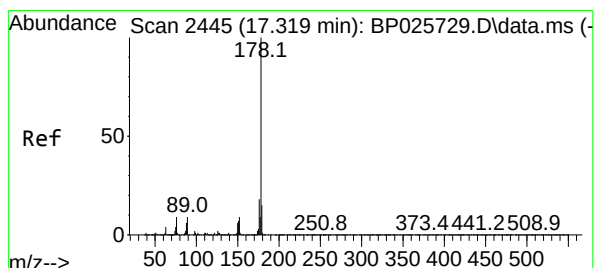
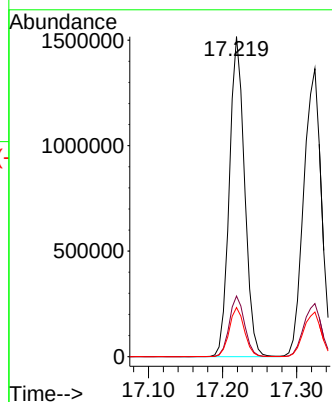
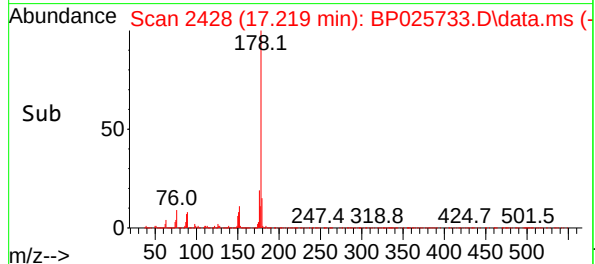
Instrument :
BNA_P
Client Sample Id :
SSTDICC050



Tgt Ion:178 Resp: 2161060
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.3 12.2 18.4

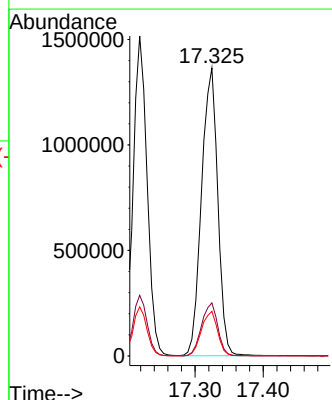
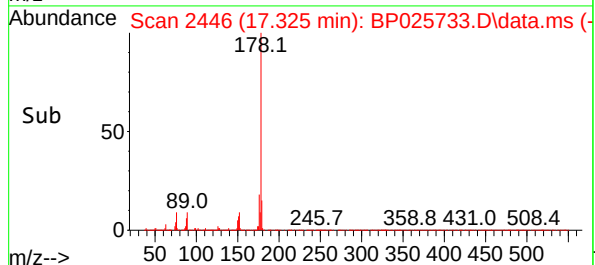
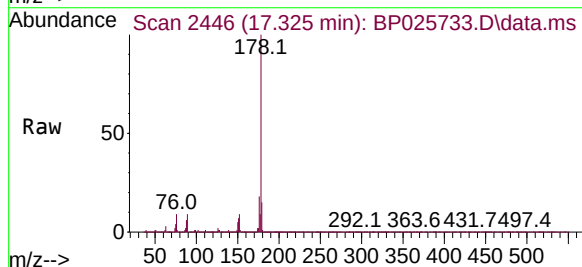
Manual Integrations
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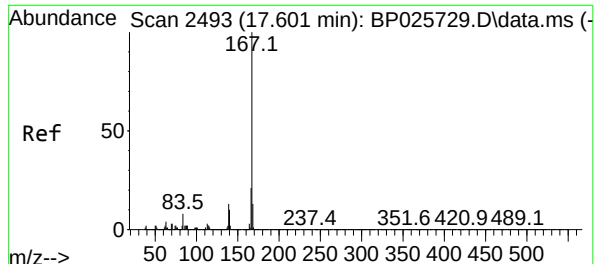
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#72
Anthracene
Concen: 51.395 ng
RT: 17.325 min Scan# 2446
Delta R.T. 0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

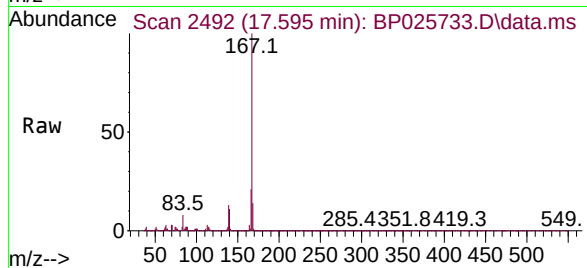
Tgt Ion:178 Resp: 2260277
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.5 12.2 18.4





#73
 Carbazole
 Concen: 51.629 ng
 RT: 17.595 min Scan# 2492
 Delta R.T. -0.006 min
 Lab File: BP025733.D
 Acq: 11 Sep 2025 15:20

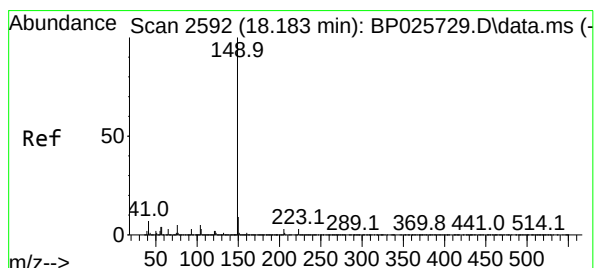
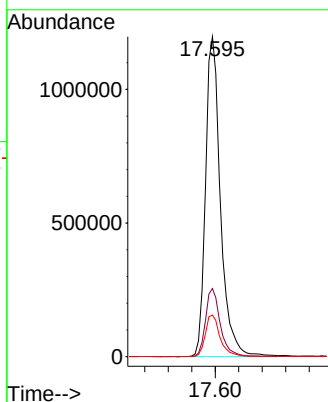
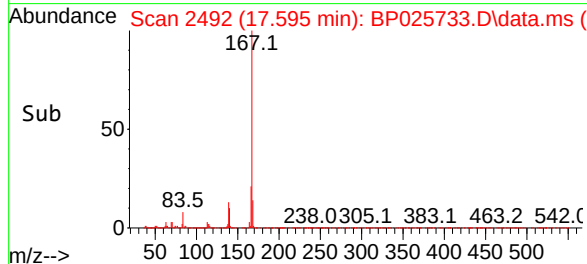
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050



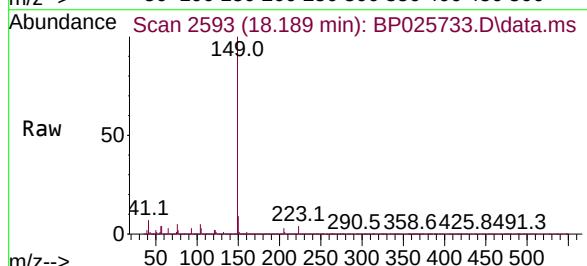
Tgt Ion:167 Resp: 2110925
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.4
 139 13.0 10.6 16.0

Manual Integrations
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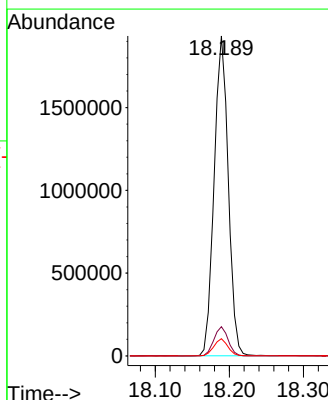
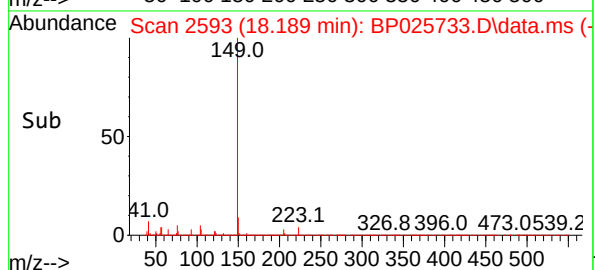
Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

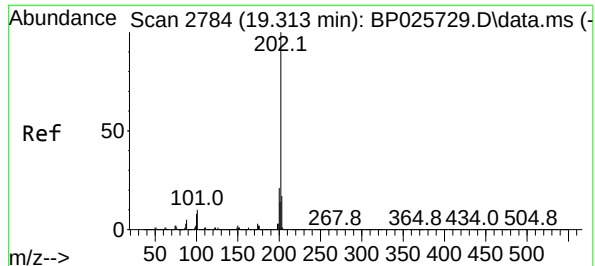


#74
 Di-n-butylphthalate
 Concen: 50.995 ng
 RT: 18.189 min Scan# 2593
 Delta R.T. 0.006 min
 Lab File: BP025733.D
 Acq: 11 Sep 2025 15:20



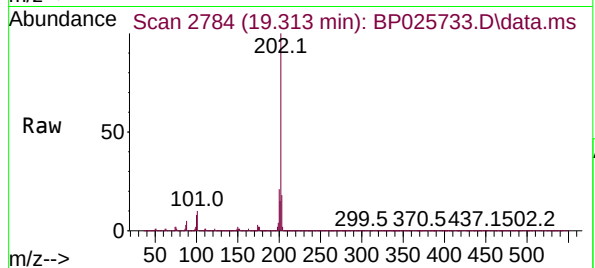
Tgt Ion:149 Resp: 2558689
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 49.638 ng
RT: 19.313 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

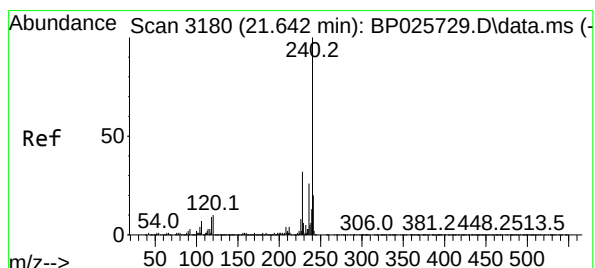
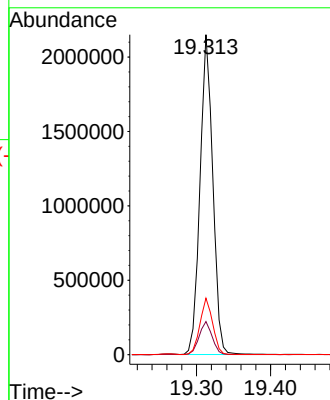
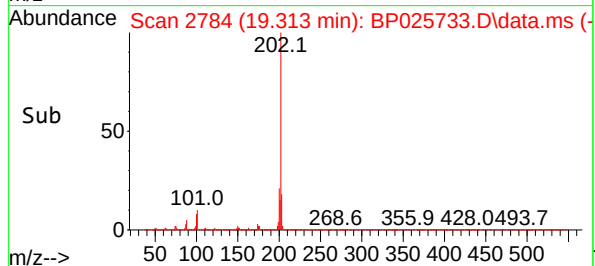
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 2580366
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.4
203 17.6 0.0 37.4

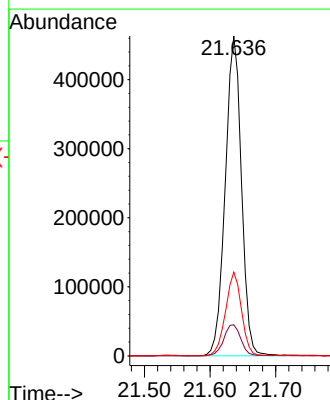
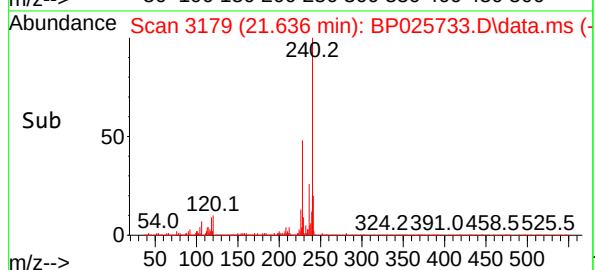
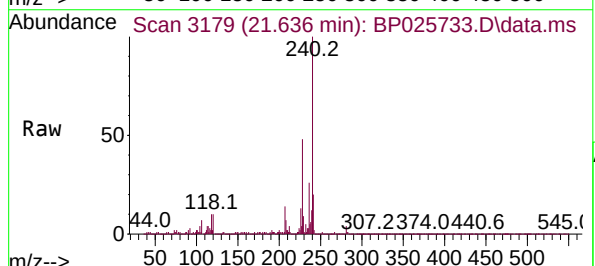
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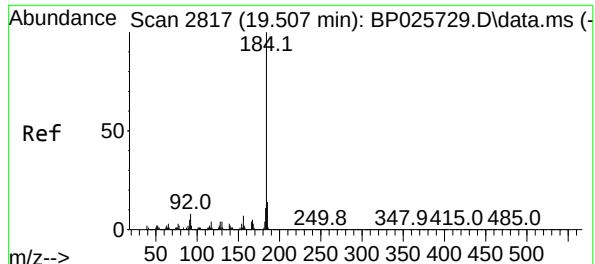
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

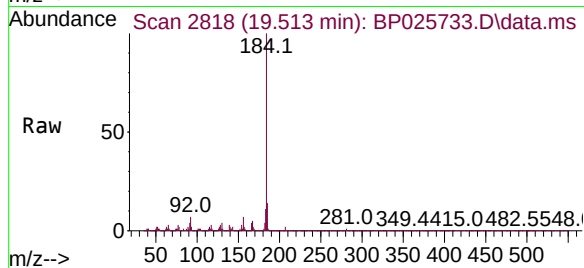
Tgt Ion:240 Resp: 796095
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 26.2 20.7 31.1





#77
Benzidine
Concen: 54.762 ng
RT: 19.513 min Scan# 2818
Delta R.T. 0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

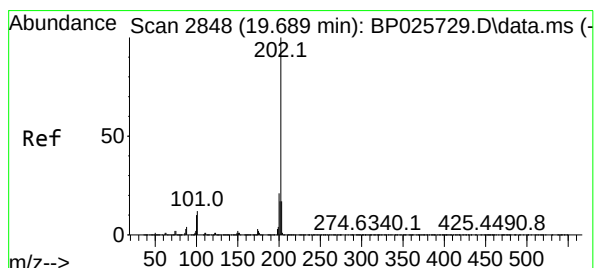
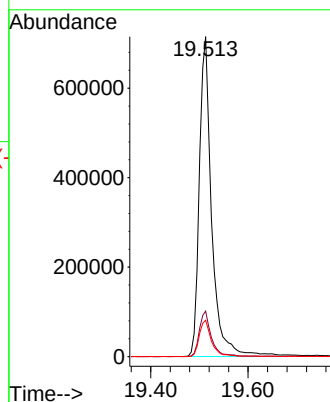
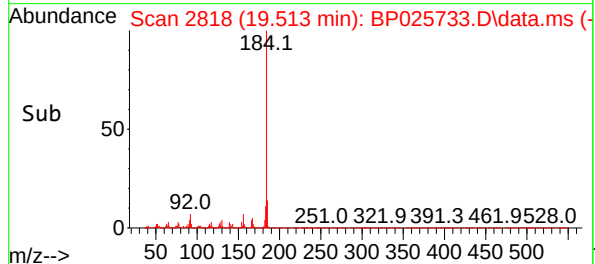
Instrument :
BNA_P
Client Sample Id :
SSTDICC050



Tgt Ion:184 Resp: 1255790
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.4 9.2 13.8

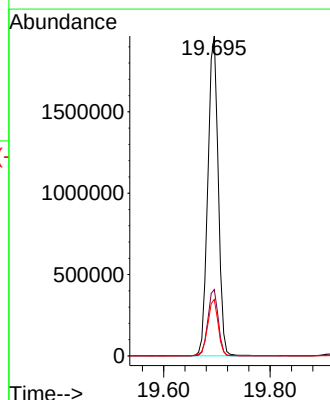
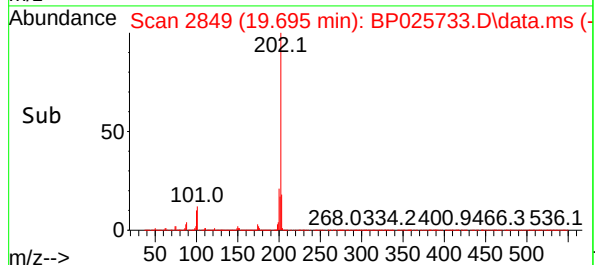
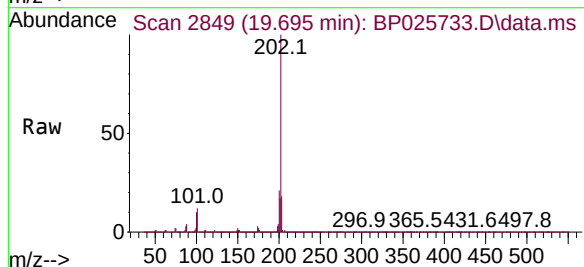
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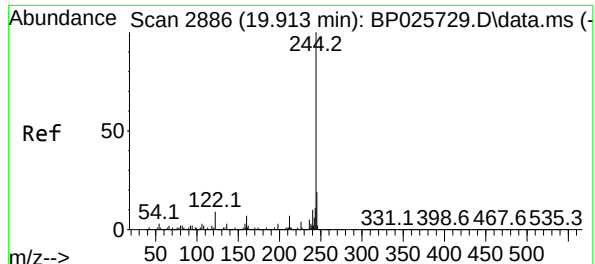
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#78
Pyrene
Concen: 50.083 ng
RT: 19.695 min Scan# 2849
Delta R.T. 0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:202 Resp: 2660397
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.6
203 17.6 13.9 20.9





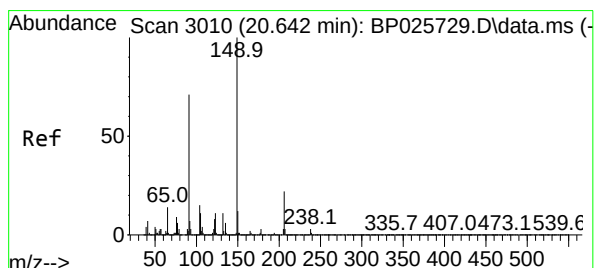
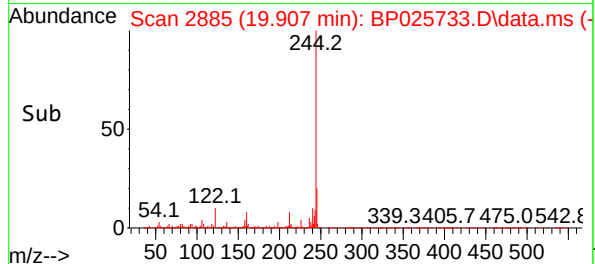
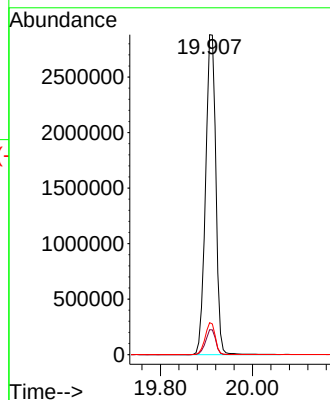
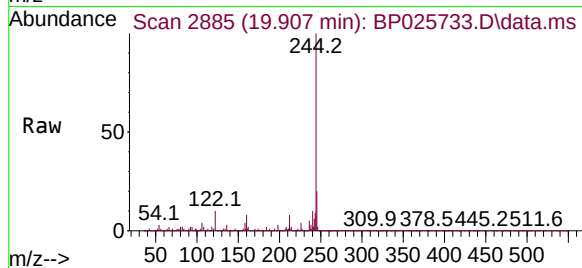
#79
 Terphenyl-d14
 Concen: 99.962 ng
 RT: 19.907 min Scan# 2886
 Delta R.T. -0.006 min
 Lab File: BP025733.D
 Acq: 11 Sep 2025 15:20

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Tgt Ion:244 Resp: 4423586
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 10.0 7.1 10.7

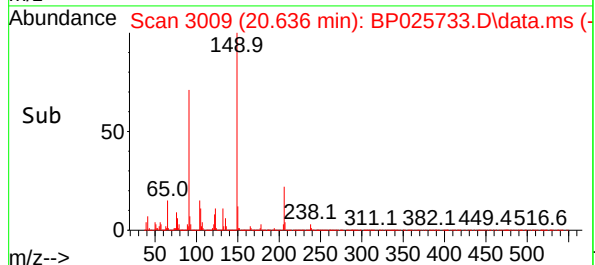
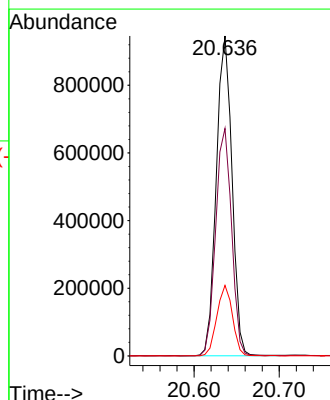
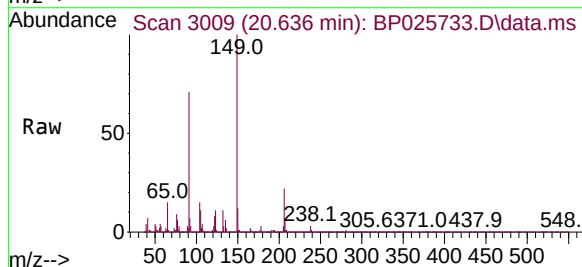
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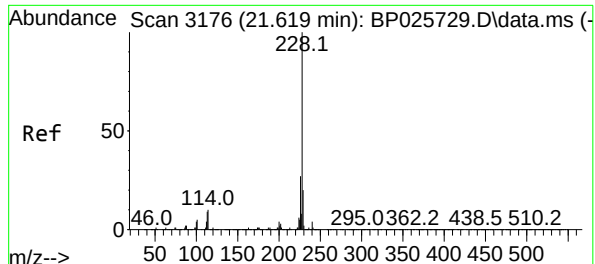
Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025



#80
 Butylbenzylphthalate
 Concen: 51.926 ng
 RT: 20.636 min Scan# 3009
 Delta R.T. -0.006 min
 Lab File: BP025733.D
 Acq: 11 Sep 2025 15:20

Tgt Ion:149 Resp: 1209410
 Ion Ratio Lower Upper
 149 100
 91 71.1 56.6 85.0
 206 22.0 17.4 26.0





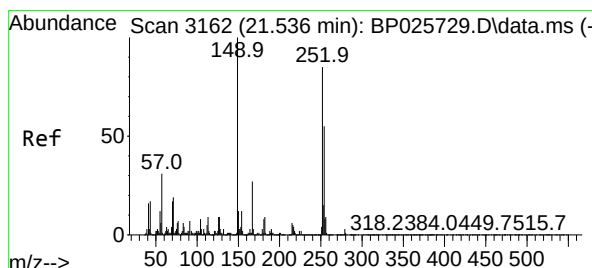
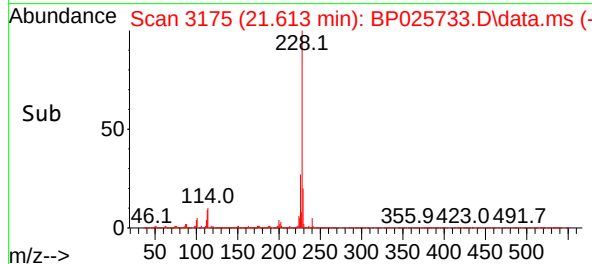
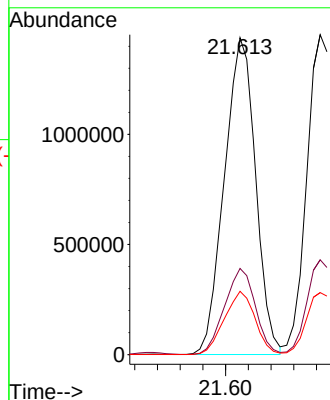
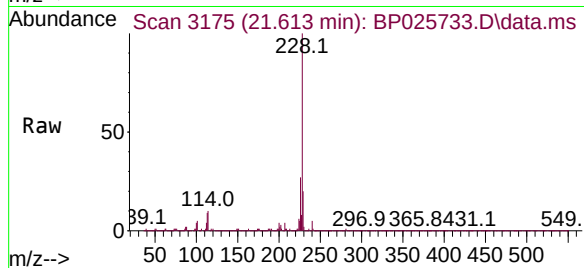
#81
Benzo(a)anthracene
Concen: 50.315 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 2742275
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 20.0 15.7 23.5

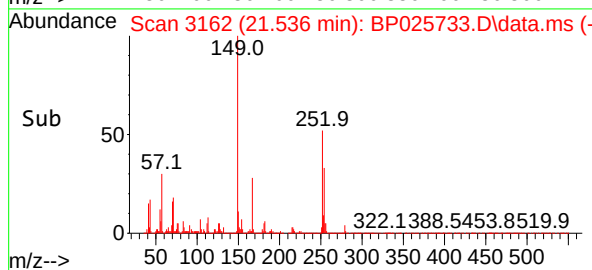
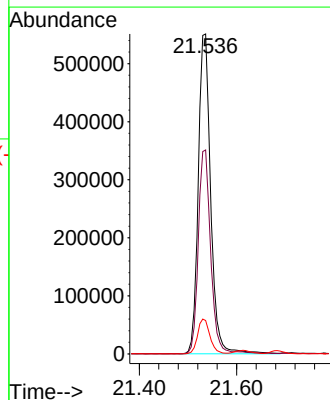
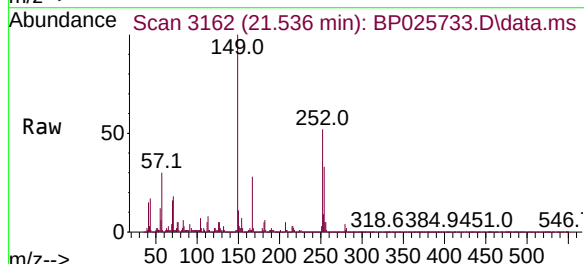
Manual Integrations
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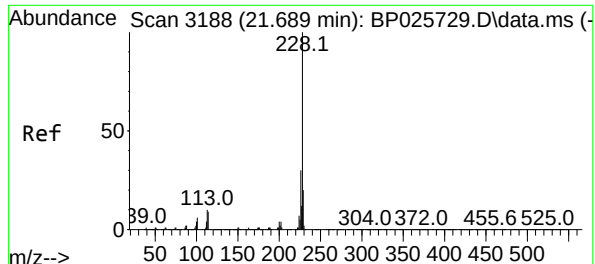
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#82
3,3'-Dichlorobenzidine
Concen: 51.559 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:252 Resp: 971634
Ion Ratio Lower Upper
252 100
254 63.7 51.4 77.0
126 10.4 8.3 12.5





#83

Chrysene

Concen: 50.434 ng

RT: 21.683 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:228 Resp: 262024

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

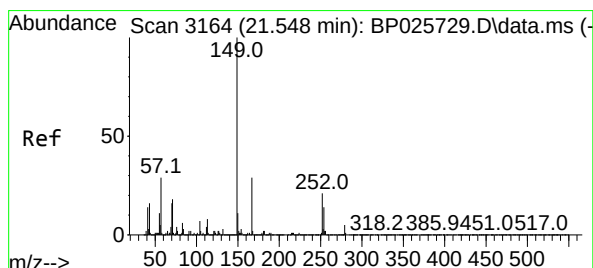
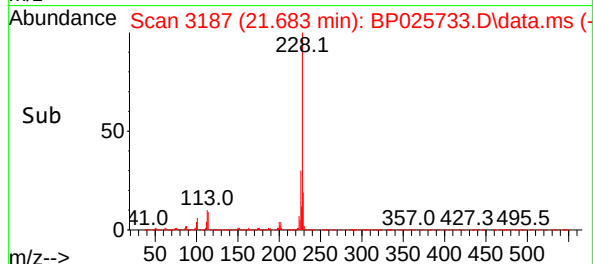
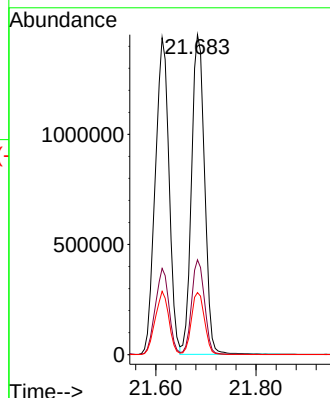
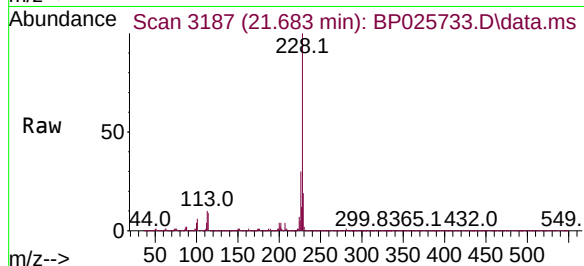
229 19.4 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.312 ng

RT: 21.542 min Scan# 3163

Delta R.T. -0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

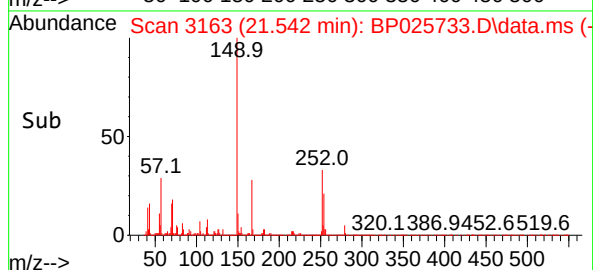
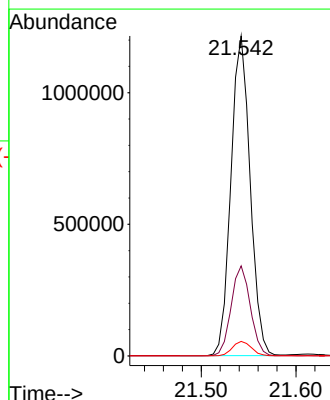
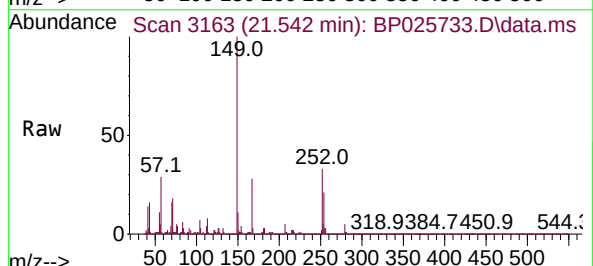
Tgt Ion:149 Resp: 1714419

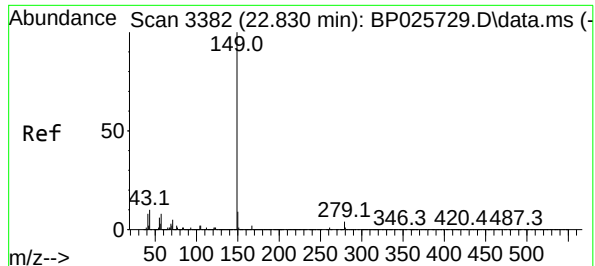
Ion Ratio Lower Upper

149 100

167 28.1 22.9 34.3

279 4.5 3.8 5.8





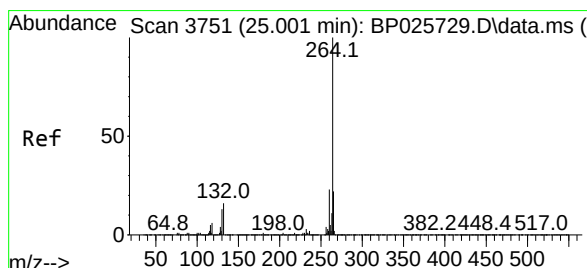
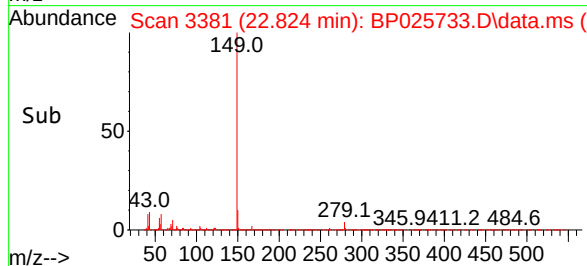
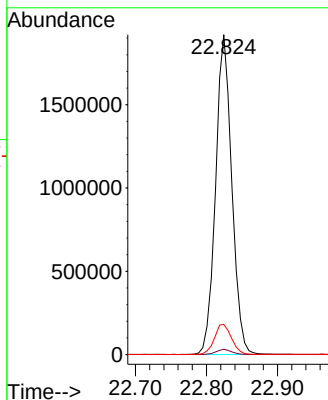
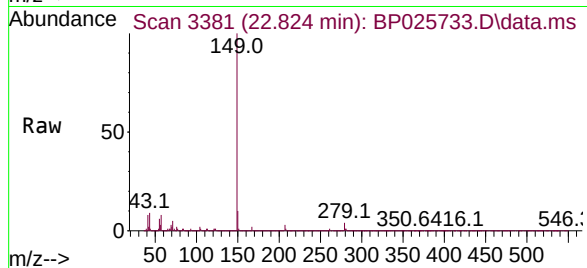
#85
Di-n-octyl phthalate
Concen: 50.273 ng
RT: 22.824 min Scan# 3382
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 3047268
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.0 8.0 12.0

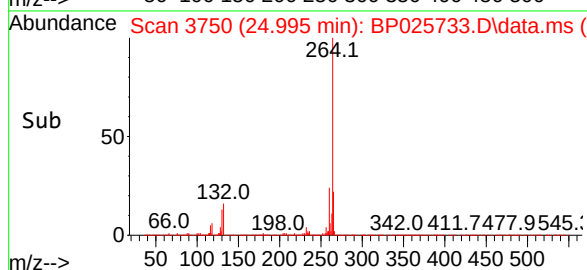
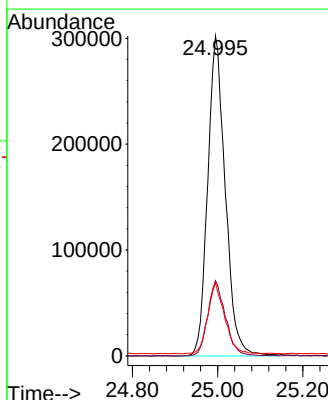
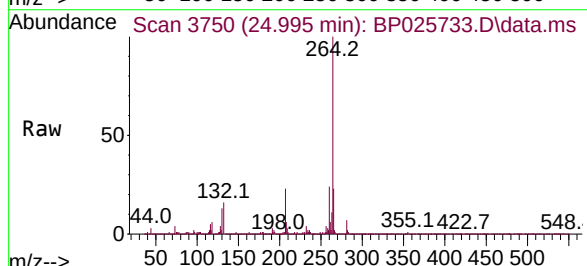
Manual Integrations
APPROVED

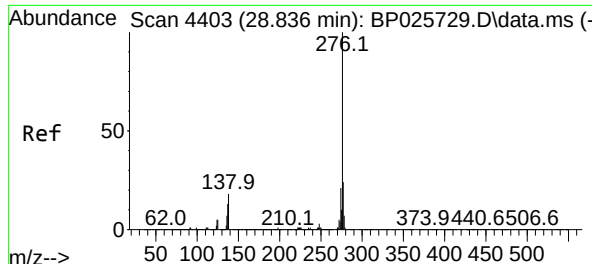
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3750
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:264 Resp: 864239
Ion Ratio Lower Upper
264 100
260 23.5 18.3 27.5
265 23.0 17.3 25.9





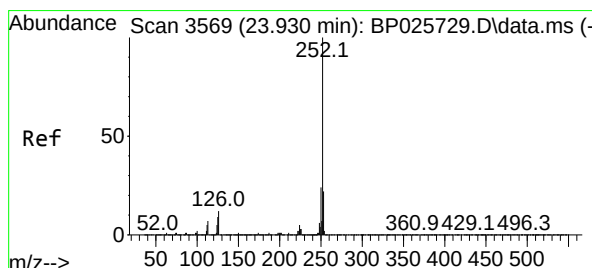
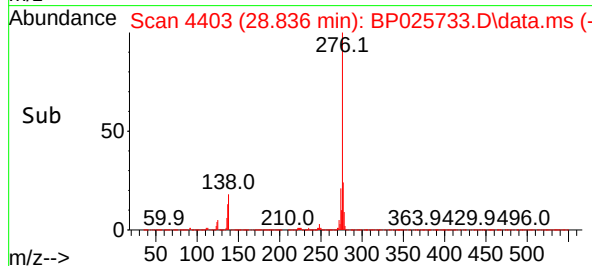
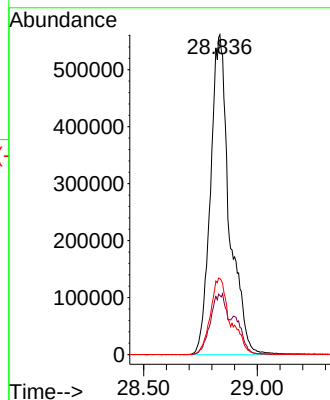
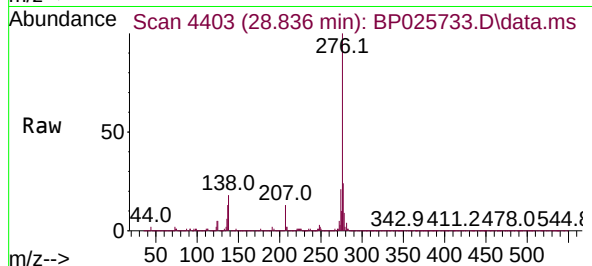
#87
Indeno(1,2,3-cd)pyrene
Concen: 51.778 ng
RT: 28.836 min Scan# 4403
Delta R.T. -0.000 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 276 Resp: 325418
Ion Ratio Lower Upper
276 100
138 17.0 13.4 20.2
277 25.4 9.1 13.7

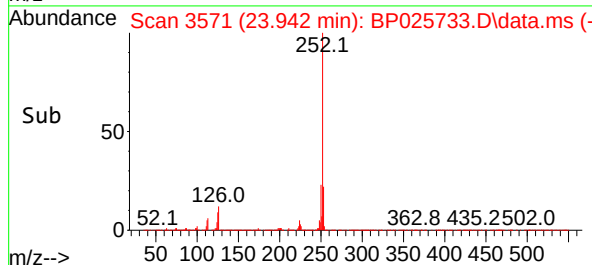
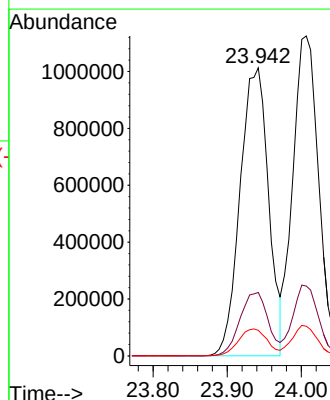
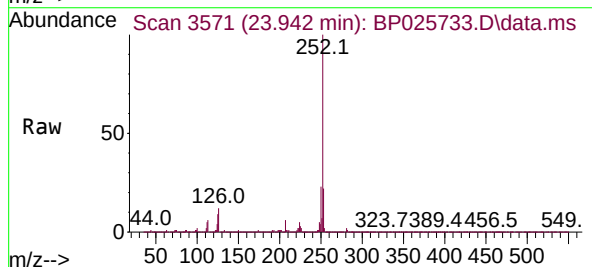
Manual Integrations
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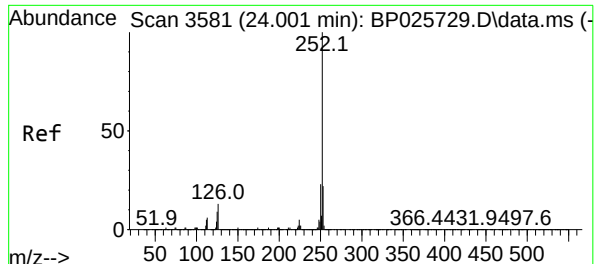
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#88
Benzo(b)fluoranthene
Concen: 51.169 ng
RT: 23.942 min Scan# 3571
Delta R.T. 0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion: 252 Resp: 2704281
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 8.9 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 50.407 ng

RT: 24.007 min Scan# 3581

Delta R.T. 0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 2718438

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

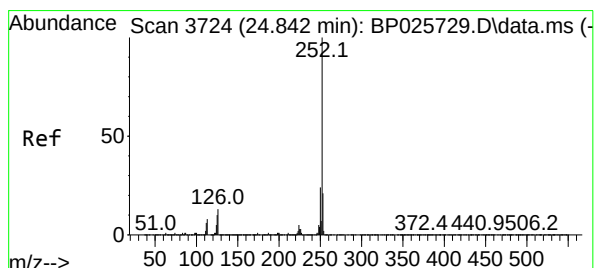
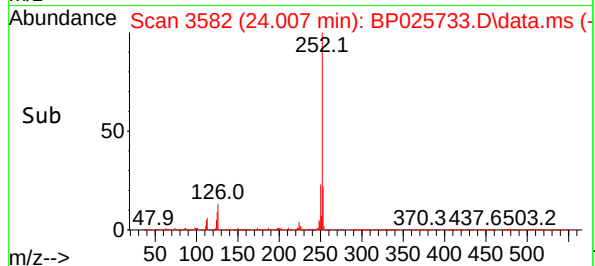
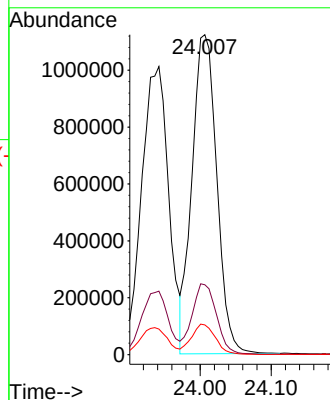
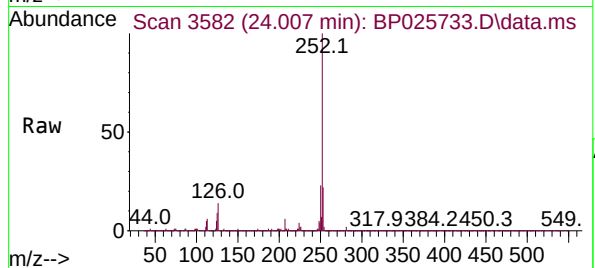
125 9.3 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#90

Benzo(a)pyrene

Concen: 50.954 ng

RT: 24.848 min Scan# 3725

Delta R.T. 0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

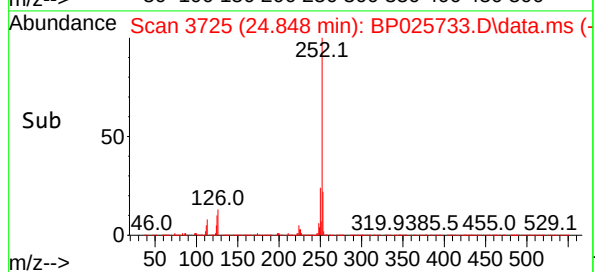
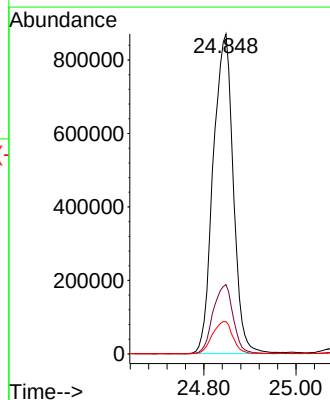
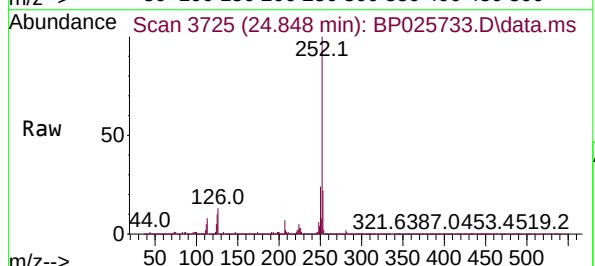
Tgt Ion:252 Resp: 2637187

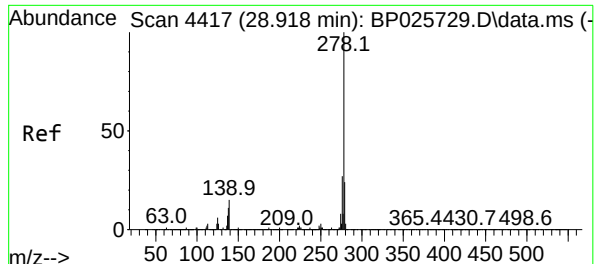
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 10.1 8.3 12.5





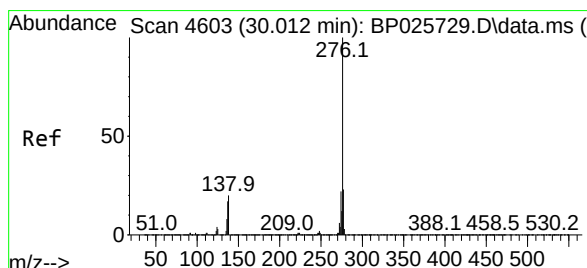
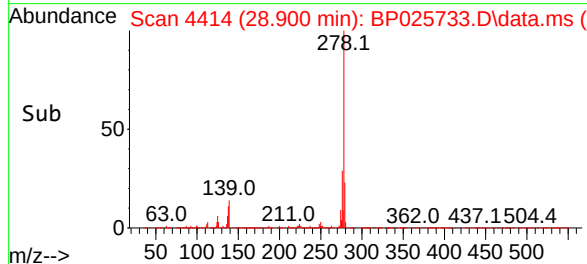
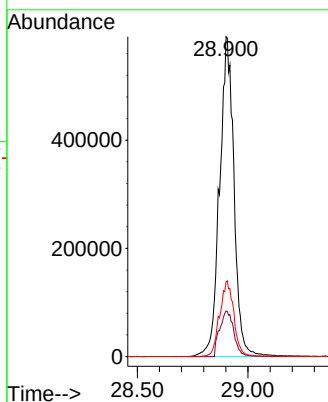
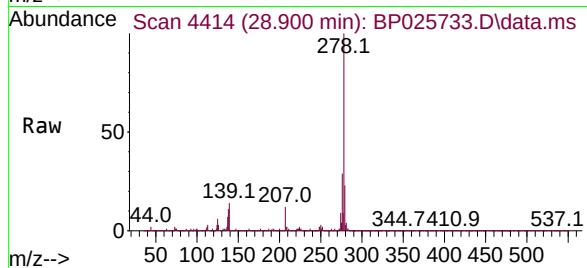
#91
Dibenzo(a,h)anthracene
Concen: 52.067 ng
RT: 28.900 min Scan# 4417
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 2677885
Ion Ratio Lower Upper
278 100
139 14.3 12.1 18.1
279 23.4 19.6 29.4

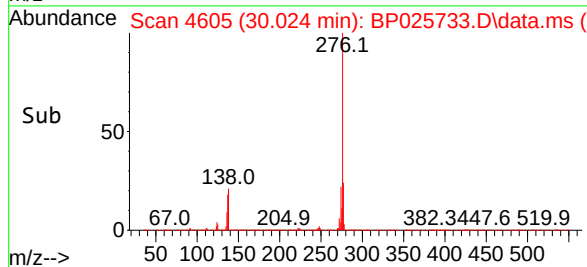
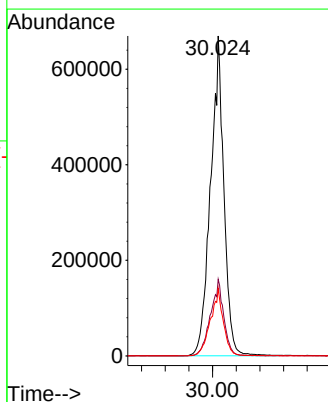
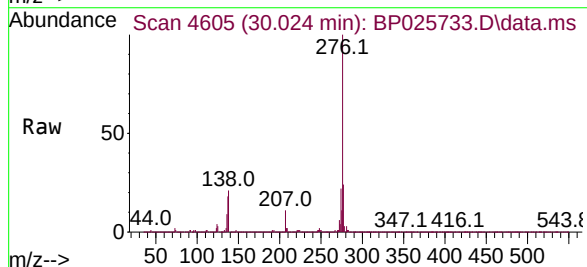
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#92
Benzo(g,h,i)perylene
Concen: 51.692 ng
RT: 30.024 min Scan# 4605
Delta R.T. 0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:276 Resp: 2614577
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 21.1 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025734.D
 Acq On : 11 Sep 2025 16:54
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP091225

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 17:15:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	124267	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	536934	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	375383	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	771844	20.000	ng	0.00
76) Chrysene-d12	21.636	240	780297	20.000	ng	0.00
86) Perylene-d12	25.006	264	833580	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.372	112	602093	78.179	ng	-0.01
7) Phenol-d6	6.937	99	816056	79.719	ng	-0.01
23) Nitrobenzene-d5	8.895	82	840657	69.063	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	359192	76.715	ng	-0.01
45) 2-Fluorobiphenyl	12.989	172	1948137	69.102	ng	0.00
79) Terphenyl-d14	19.913	244	3054578	70.424	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.302	88	122286	37.832	ng	97
3) Pyridine	3.702	79	354452	39.824	ng	98
4) n-Nitrosodimethylamine	3.608	42	165978	39.520	ng	97
6) Aniline	7.084	93	582343	41.441	ng	99
8) 2-Chlorophenol	7.325	128	347453	41.125	ng	99
9) Benzaldehyde	6.907	77	259870m	42.354	ng	
10) Phenol	6.966	94	446406	41.357	ng	99
11) bis(2-Chloroethyl)ether	7.178	93	354776	40.910	ng	97
12) 1,3-Dichlorobenzene	7.643	146	388972	40.451	ng	99
13) 1,4-Dichlorobenzene	7.784	146	395520	40.380	ng	99
14) 1,2-Dichlorobenzene	8.101	146	380347	39.971	ng	98
15) Benzyl Alcohol	7.990	79	350290	41.411	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.266	45	582311	41.060	ng	100
17) 2-Methylphenol	8.196	107	307102	42.200	ng	99
18) Hexachloroethane	8.819	117	151554	40.508	ng	97
19) n-Nitroso-di-n-propyla...	8.548	70	312448	43.761	ng	99
20) 3+4-Methylphenols	8.519	107	419059	41.117	ng	99
22) Acetophenone	8.566	105	589415	41.077	ng	# 99
24) Nitrobenzene	8.937	77	442005	40.477	ng	98
25) Isophorone	9.466	82	867997	40.570	ng	99
26) 2-Nitrophenol	9.643	139	203715	42.019	ng	98
27) 2,4-Dimethylphenol	9.707	122	353536	41.566	ng	100
28) bis(2-Chloroethoxy)met...	9.931	93	506887	40.986	ng	100
29) 2,4-Dichlorophenol	10.184	162	351168	41.410	ng	99
30) 1,2,4-Trichlorobenzene	10.390	180	377799	39.530	ng	97
31) Naphthalene	10.572	128	1147015	39.618	ng	100
32) Benzoic acid	9.866	122	261084	41.287	ng	99
33) 4-Chloroaniline	10.690	127	511290	42.370	ng	99
34) Hexachlorobutadiene	10.854	225	240927	39.159	ng	100
35) Caprolactam	11.478	113	129656	39.662	ng	97
36) 4-Chloro-3-methylphenol	11.819	107	414385	40.986	ng	96
37) 2-Methylnaphthalene	12.184	142	751182	40.396	ng	98
38) 1-Methylnaphthalene	12.401	142	804402	40.566	ng	100
40) 1,2,4,5-Tetrachloroben...	12.554	216	455659	40.058	ng	100
41) Hexachlorocyclopentadiene	12.531	237	251065	40.525	ng	99
43) 2,4,6-Trichlorophenol	12.801	196	311792	41.695	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025734.D
 Acq On : 11 Sep 2025 16:54
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP091225

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 17:15:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	335762	40.344	ng	98
46) 1,1'-Biphenyl	13.201	154	1121205	40.692	ng	100
47) 2-Chloronaphthalene	13.242	162	849751	39.167	ng	99
48) 2-Nitroaniline	13.454	65	296601	41.012	ng	99
49) Acenaphthylene	14.101	152	1431405	39.820	ng	100
50) Dimethylphthalate	13.836	163	1131460	39.480	ng	100
51) 2,6-Dinitrotoluene	13.948	165	245080	40.363	ng	98
52) Acenaphthene	14.454	154	808647	39.008	ng	99
53) 3-Nitroaniline	14.289	138	260323	40.770	ng	99
54) 2,4-Dinitrophenol	14.513	184	139609	38.055	ng	98
55) Dibenzofuran	14.783	168	1329616	39.353	ng	99
56) 4-Nitrophenol	14.619	139	192803	37.582	ng	96
57) 2,4-Dinitrotoluene	14.754	165	353669	40.928	ng	96
58) Fluorene	15.442	166	1043250	38.831	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	297719	39.712	ng	100
60) Diethylphthalate	15.219	149	1163950	40.039	ng	100
61) 4-Chlorophenyl-phenyle...	15.436	204	536069	39.592	ng	97
62) 4-Nitroaniline	15.466	138	272817	41.707	ng	99
63) Azobenzene	15.736	77	1114737	39.657	ng	99
65) 4,6-Dinitro-2-methylph...	15.536	198	204888	39.916	ng	97
66) n-Nitrosodiphenylamine	15.660	169	939618	39.780	ng	100
67) 4-Bromophenyl-phenylether	16.354	248	339813	40.075	ng	97
68) Hexachlorobenzene	16.472	284	375085	39.667	ng	97
69) Atrazine	16.642	200	364755	40.399	ng	99
70) Pentachlorophenol	16.836	266	248287	39.784	ng	99
71) Phenanthrene	17.224	178	1716732	39.210	ng	99
72) Anthracene	17.319	178	1778123	40.026	ng	100
73) Carbazole	17.601	167	1614641	39.095	ng	100
74) Di-n-butylphthalate	18.189	149	2015320	39.763	ng	100
75) Fluoranthene	19.324	202	2020319	38.475	ng	100
77) Benzidine	19.513	184	735659m	32.730	ng	
78) Pyrene	19.701	202	2122125	40.759	ng	99
80) Butylbenzylphthalate	20.636	149	950670	41.644	ng	98
81) Benzo(a)anthracene	21.612	228	2127849	39.832	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	705014	38.168	ng	99
83) Chrysene	21.689	228	2042185	40.103	ng	99
84) Bis(2-ethylhexyl)phtha...	21.548	149	1354255	40.547	ng	99
85) Di-n-octyl phthalate	22.836	149	2374831	39.973	ng	100
87) Indeno(1,2,3-cd)pyrene	28.836	276	2435714	40.180	ng	# 84
88) Benzo(b)fluoranthene	23.936	252	2038540	39.991	ng	99
89) Benzo(k)fluoranthene	24.006	252	2155908	41.447	ng	99
90) Benzo(a)pyrene	24.842	252	1988484	39.834	ng	99
91) Dibenzo(a,h)anthracene	28.900	278	2021392	40.748	ng	99
92) Benzo(g,h,i)perylene	30.018	276	1934037	39.644	ng	99

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

```

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On    : 11 Sep 2025  16:54
Operator  : CG/JU
Sample    : SSTDICV040
Misc      :
ALS Vial  : 11    Sample Multiplier: 1

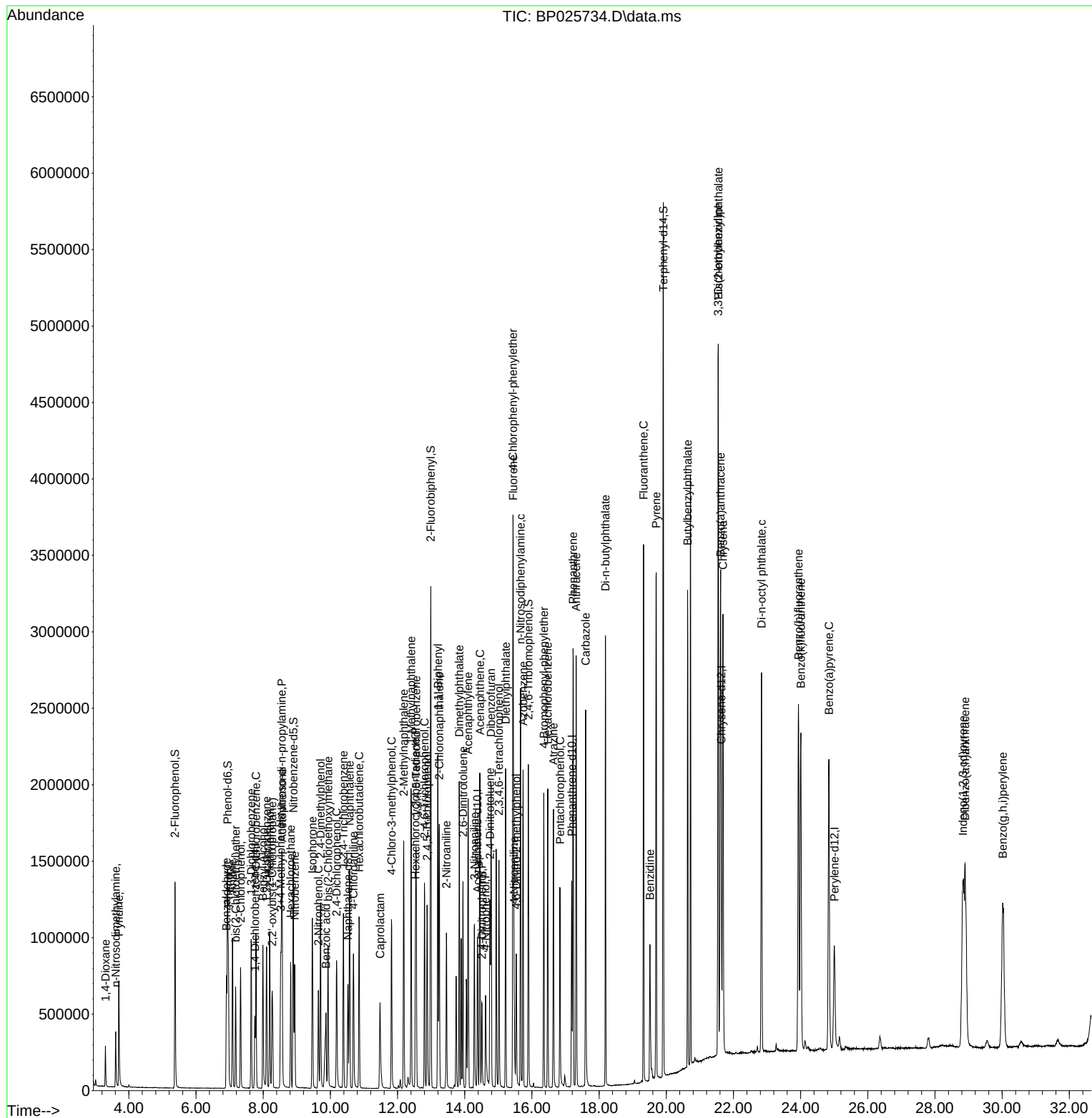
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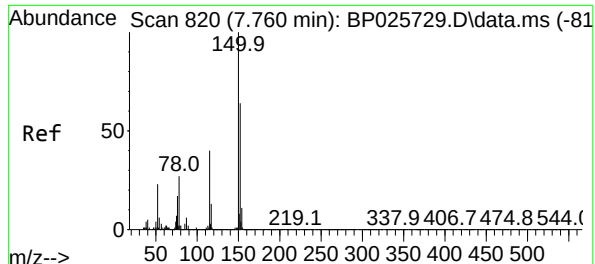
Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

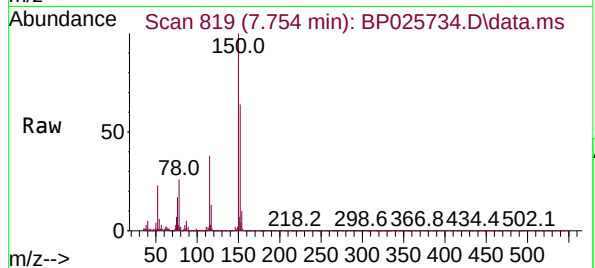
Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.754 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

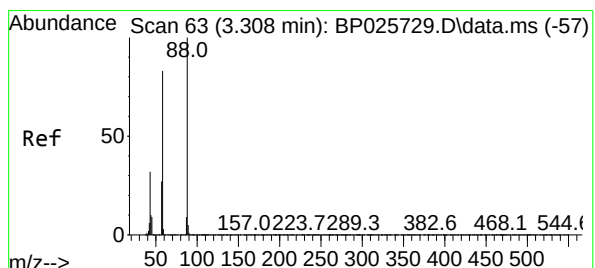
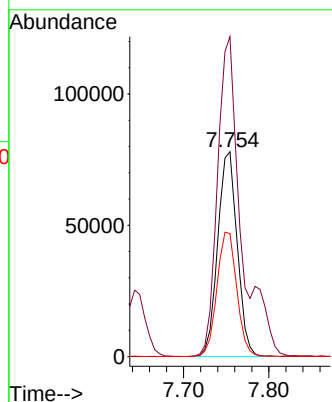
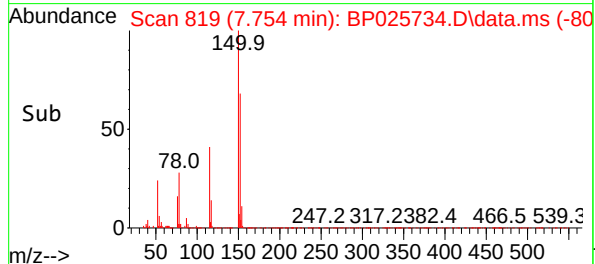
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion: 152 Resp: 12426
Ion Ratio Lower Upper
152 100
150 156.2 124.3 186.5
115 60.0 50.3 75.5

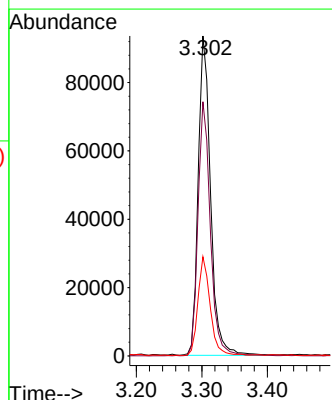
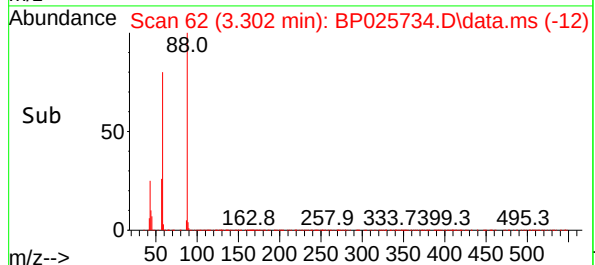
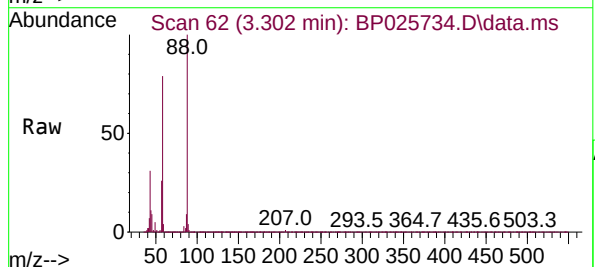
Manual Integrations
APPROVED

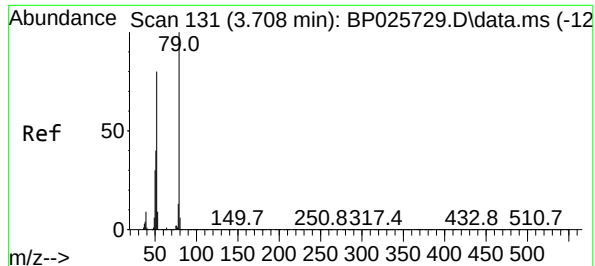
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#2
1,4-Dioxane
Concen: 37.832 ng
RT: 3.302 min Scan# 62
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 88 Resp: 122286
Ion Ratio Lower Upper
88 100
58 79.4 65.5 98.3
43 30.4 25.2 37.8





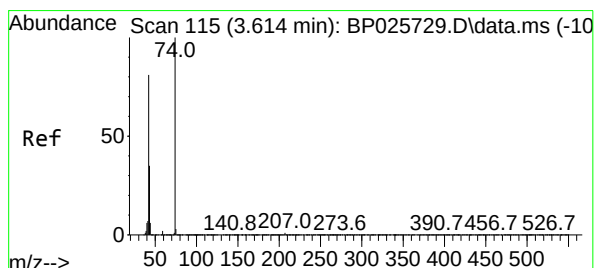
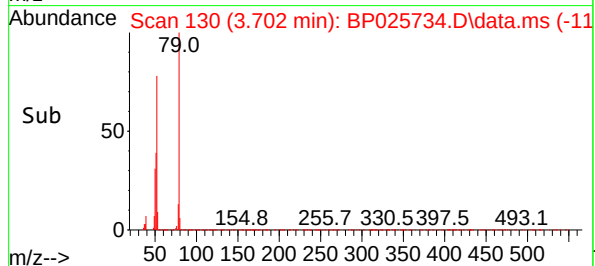
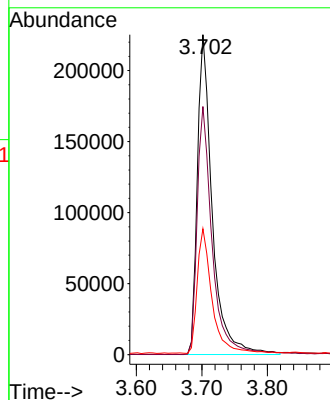
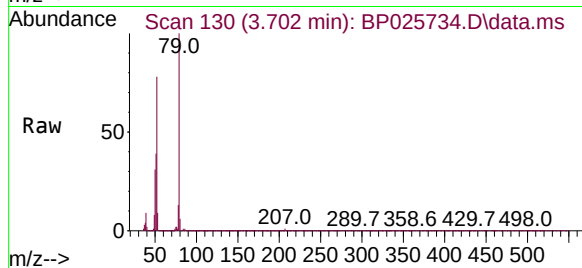
#3
Pyridine
Concen: 39.824 ng
RT: 3.702 min Scan# 131
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Tgt Ion: 79 Resp: 354452
Ion Ratio Lower Upper
79 100
52 77.5 63.7 95.5
51 39.3 32.4 48.6

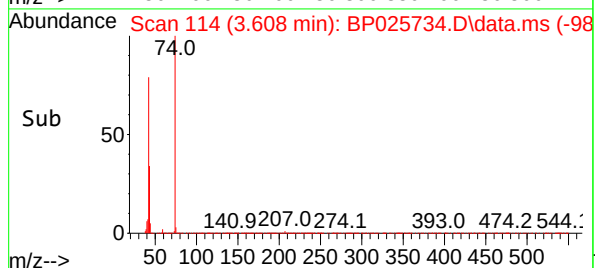
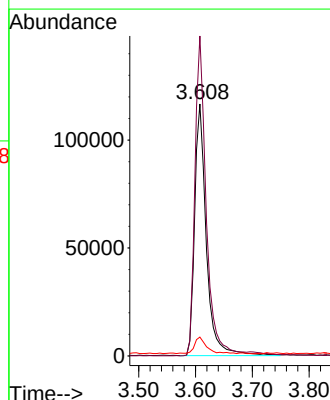
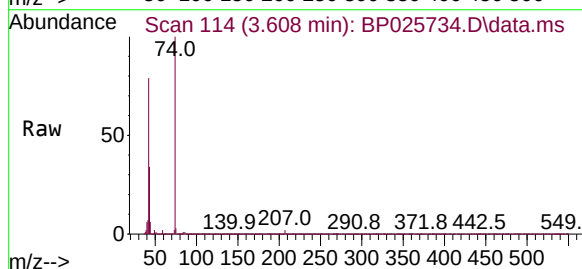
Manual Integrations
APPROVED

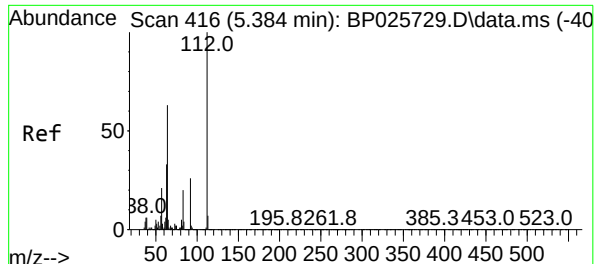
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#4
n-Nitrosodimethylamine
Concen: 39.520 ng
RT: 3.608 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

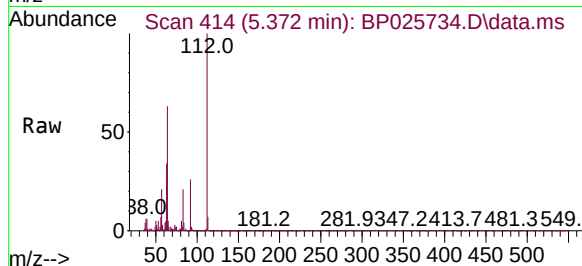
Tgt Ion: 42 Resp: 165978
Ion Ratio Lower Upper
42 100
74 127.0 99.2 148.8
44 7.5 6.4 9.6





#5
2-Fluorophenol
Concen: 78.179 ng
RT: 5.372 min Scan# 411
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

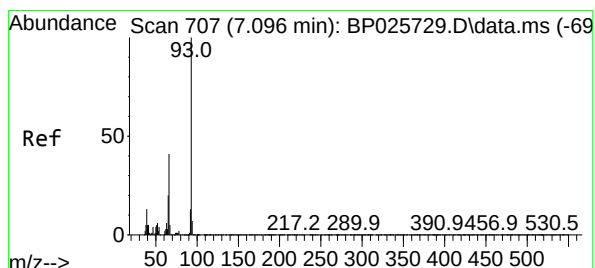
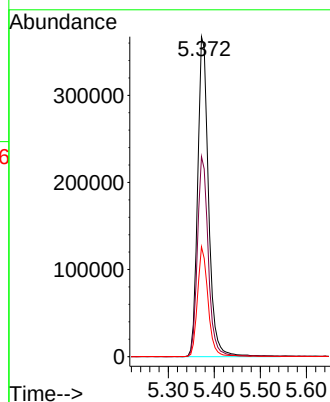
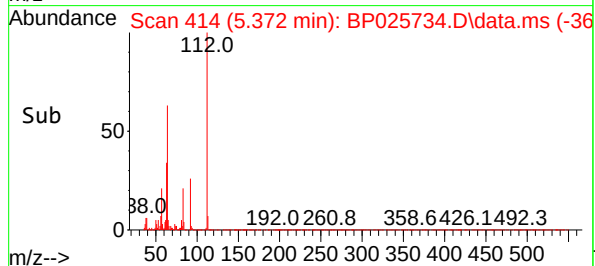
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion: 112 Resp: 602093
Ion Ratio Lower Upper
112 100
64 62.5 50.2 75.4
63 34.3 26.7 40.1

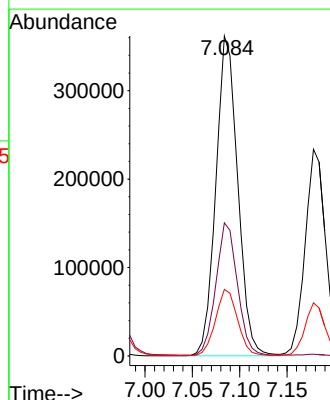
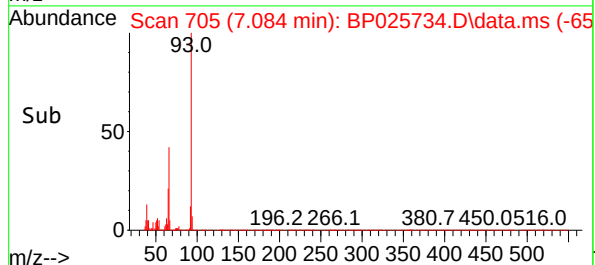
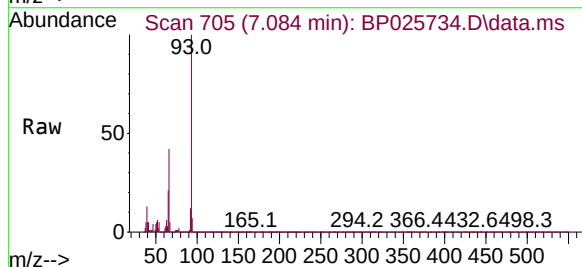
Manual Integrations
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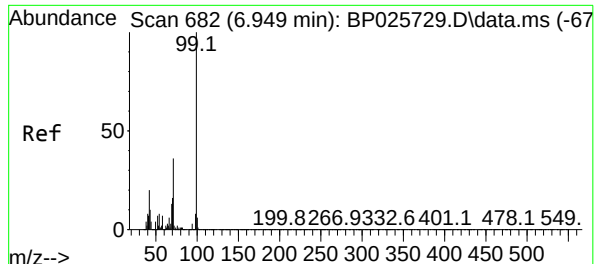
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#6
Aniline
Concen: 41.441 ng
RT: 7.084 min Scan# 705
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 93 Resp: 582343
Ion Ratio Lower Upper
93 100
66 41.6 32.6 49.0
65 20.8 16.2 24.2





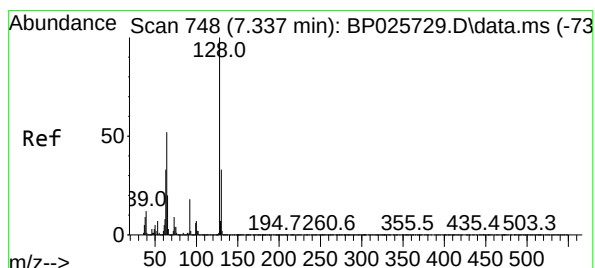
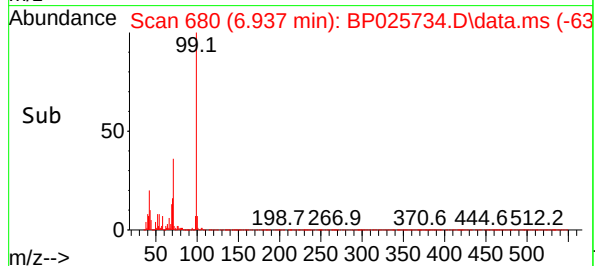
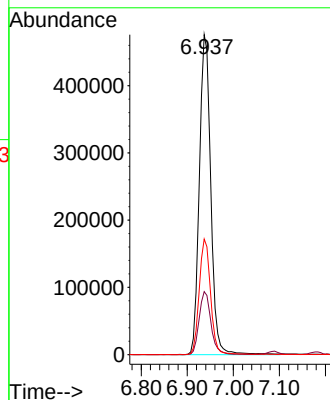
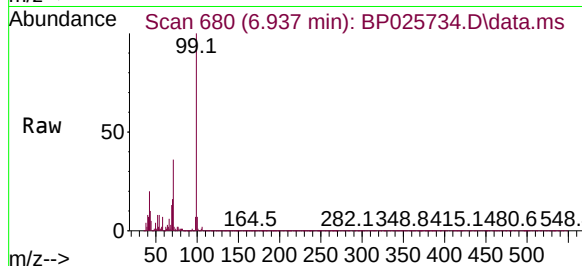
#7
Phenol-d6
Concen: 79.719 ng
RT: 6.937 min Scan# 681
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Tgt Ion: 99 Resp: 816056
Ion Ratio Lower Upper
99 100
42 19.7 15.6 23.4
71 36.1 28.6 43.0

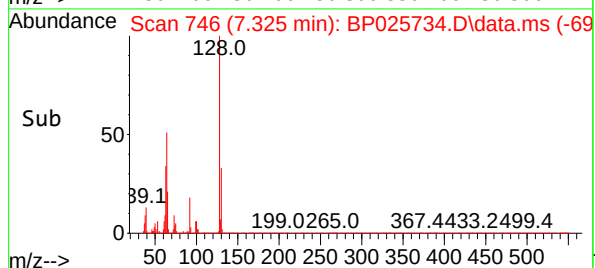
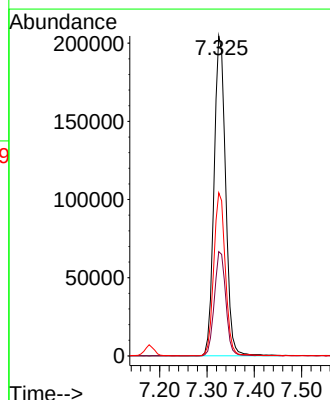
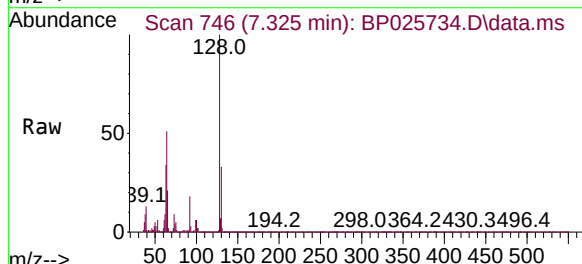
Manual Integrations
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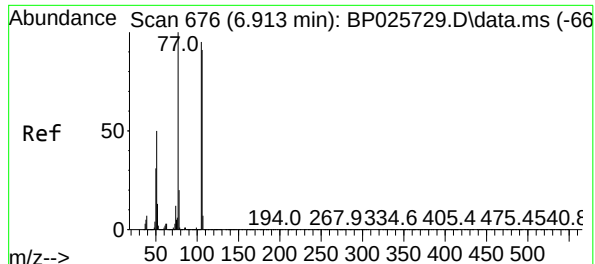
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#8
2-Chlorophenol
Concen: 41.125 ng
RT: 7.325 min Scan# 746
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

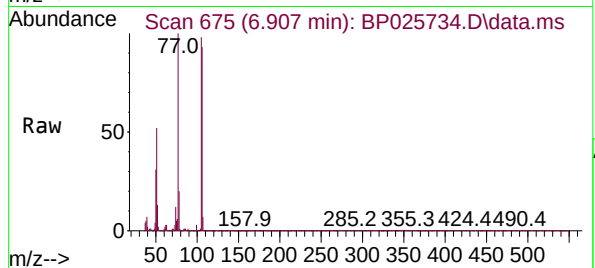
Tgt Ion:128 Resp: 347453
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 51.0 31.6 71.6





#9
Benzaldehyde
Concen: 42.354 ng m
RT: 6.907 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

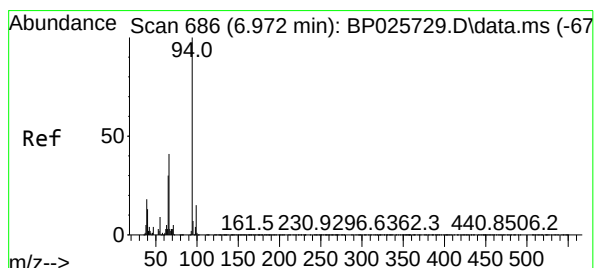
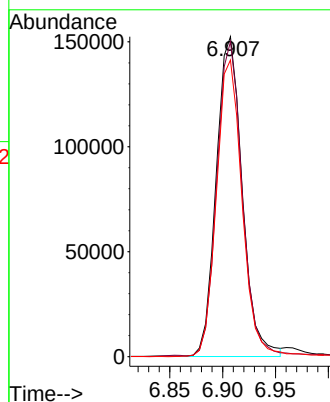
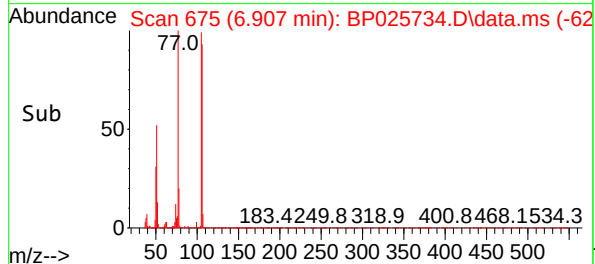
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion: 77 Resp: 259876
Ion Ratio Lower Upper
77 100
105 98.4 75.2 115.2
106 92.7 71.3 111.3

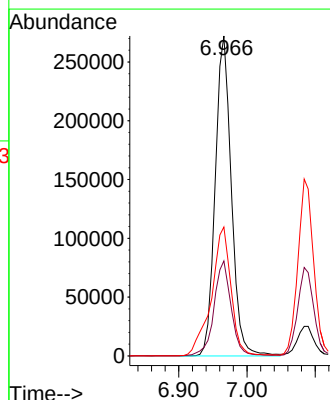
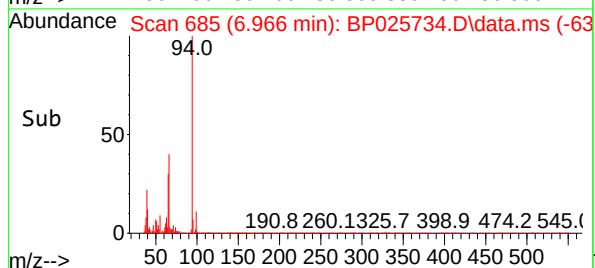
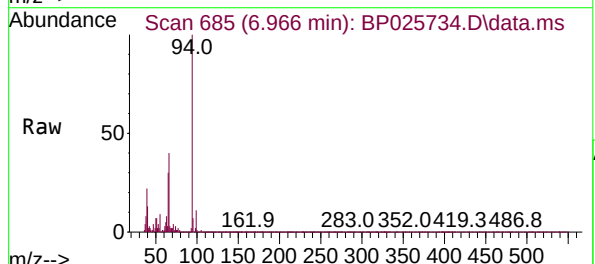
Manual Integrations
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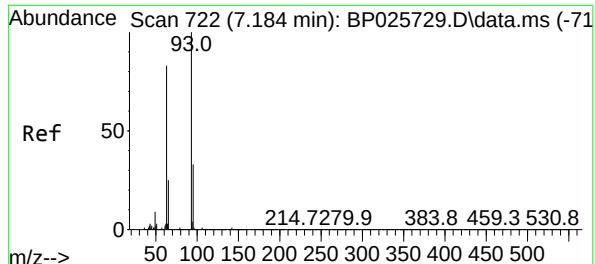
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#10
Phenol
Concen: 41.357 ng
RT: 6.966 min Scan# 685
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 94 Resp: 446406
Ion Ratio Lower Upper
94 100
65 29.7 10.2 50.2
66 40.3 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 40.910 ng

RT: 7.178 min Scan# 721

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

Tgt Ion: 93 Resp: 354776

Ion Ratio Lower Upper

93 100

63 80.0 62.6 102.6

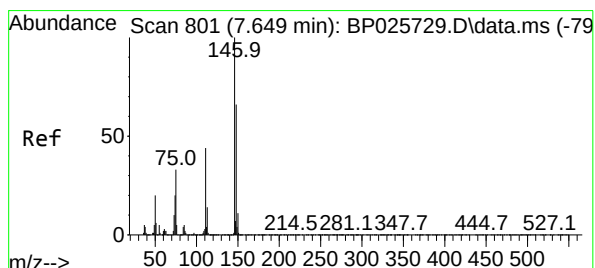
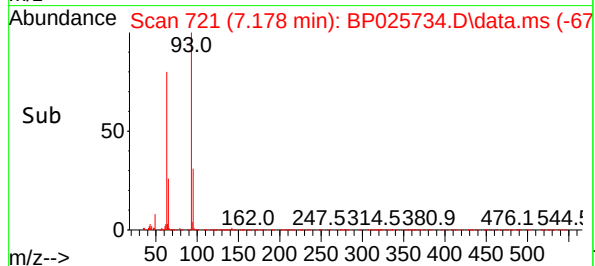
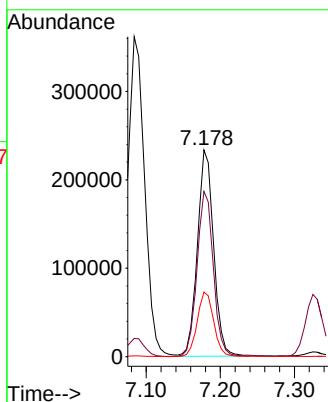
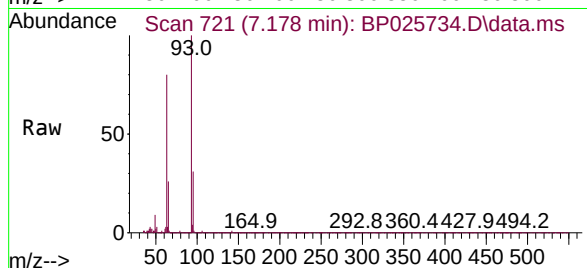
95 31.3 13.2 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#12

1,3-Dichlorobenzene

Concen: 40.451 ng

RT: 7.643 min Scan# 800

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

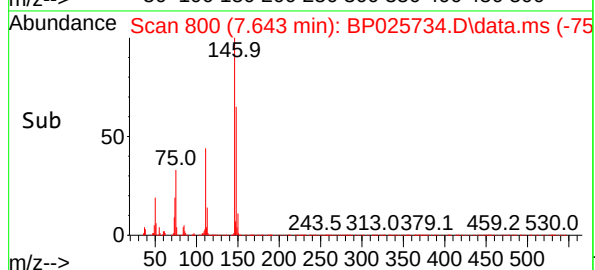
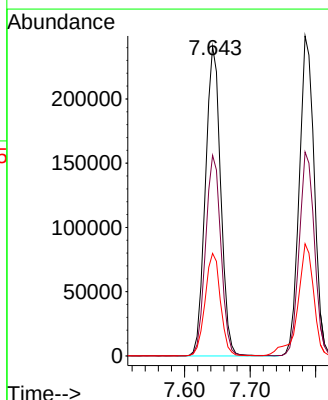
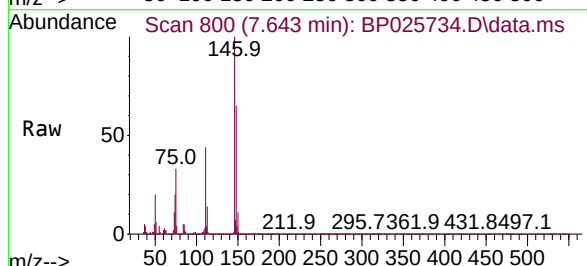
Tgt Ion:146 Resp: 388972

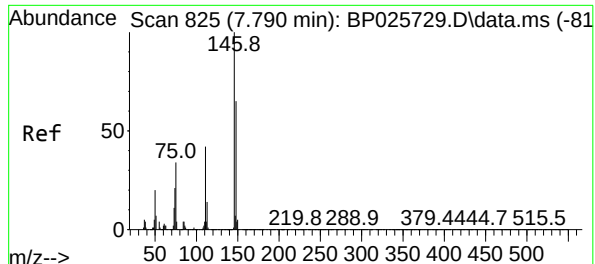
Ion Ratio Lower Upper

146 100

148 64.8 52.7 79.1

75 33.1 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 40.380 ng

RT: 7.784 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

Tgt Ion:146 Resp: 395520

Ion Ratio Lower Upper

146 100

148 63.7 52.0 78.0

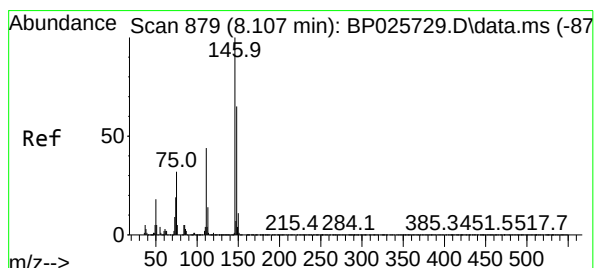
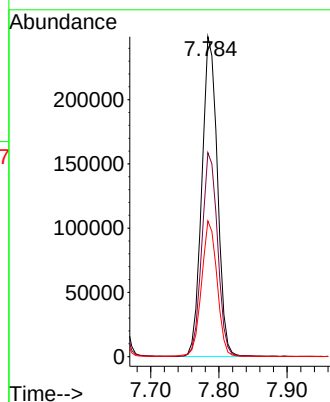
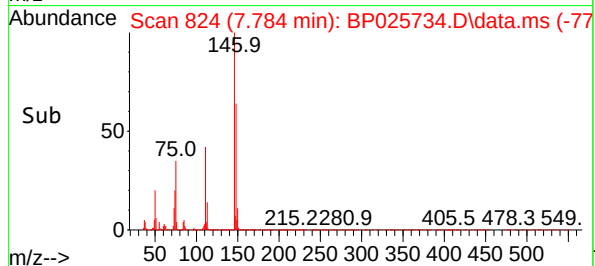
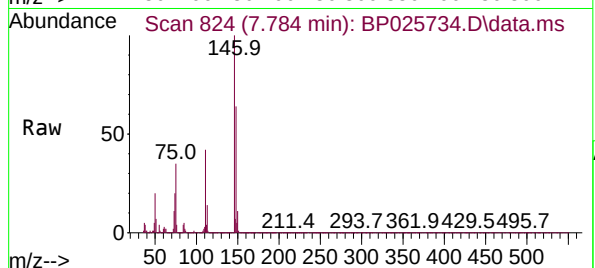
111 42.4 33.9 50.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/12/2025



#14

1,2-Dichlorobenzene

Concen: 39.971 ng

RT: 8.101 min Scan# 878

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

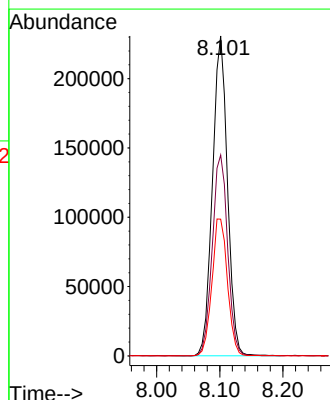
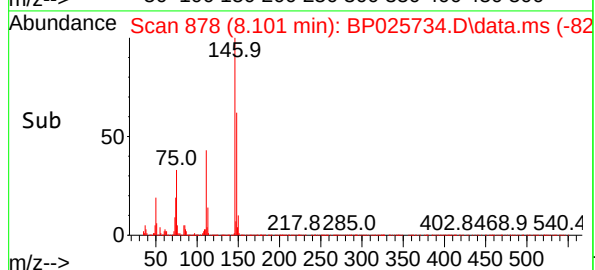
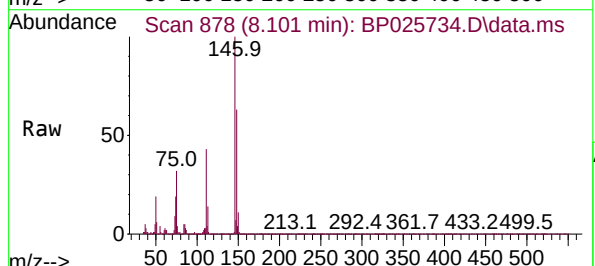
Tgt Ion:146 Resp: 380347

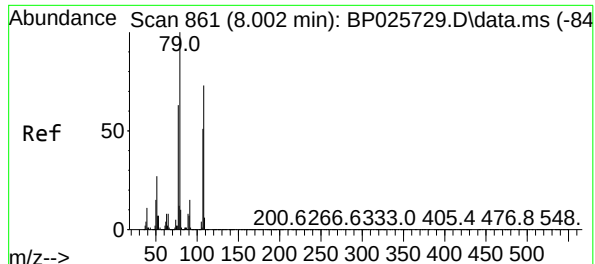
Ion Ratio Lower Upper

146 100

148 62.8 51.7 77.5

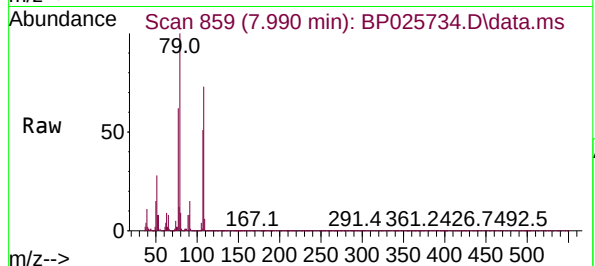
111 42.7 35.5 53.3





#15
Benzyl Alcohol
Concen: 41.411 ng
RT: 7.990 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

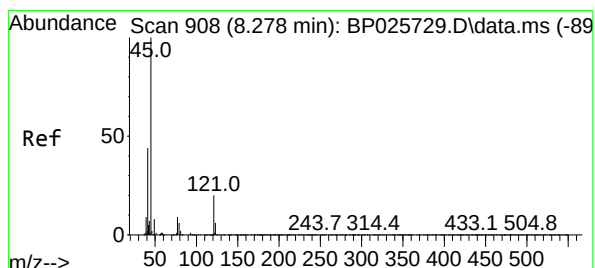
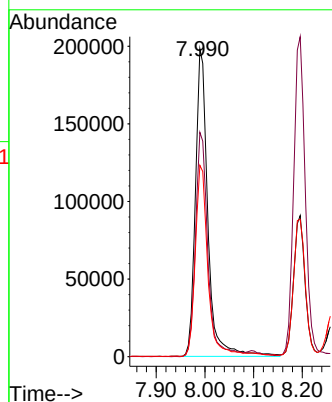
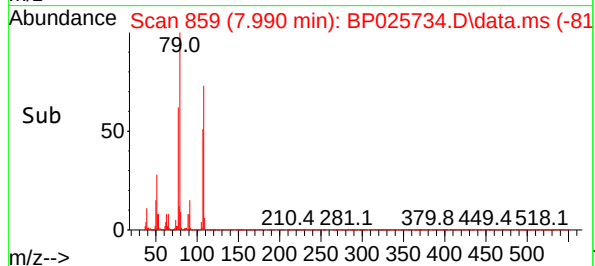
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion: 79 Resp: 350290
Ion Ratio Lower Upper
79 100
108 72.9 58.7 88.1
77 62.1 50.2 75.2

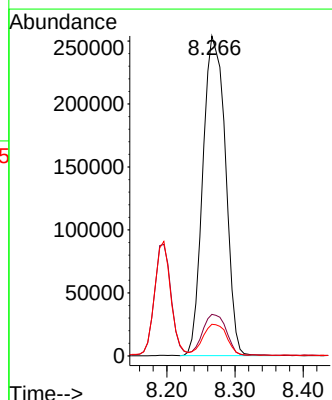
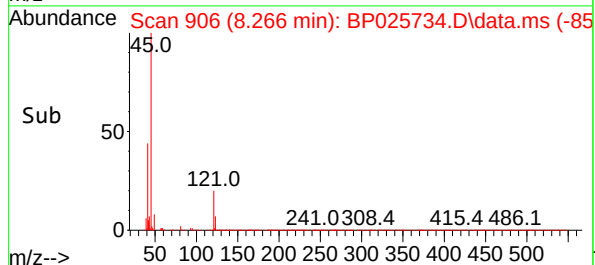
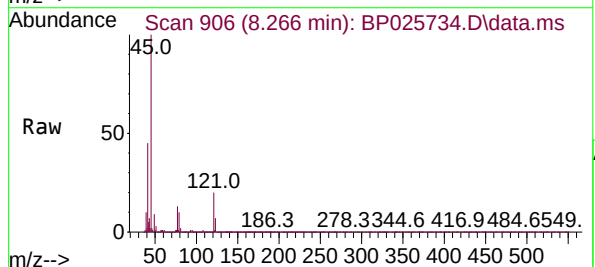
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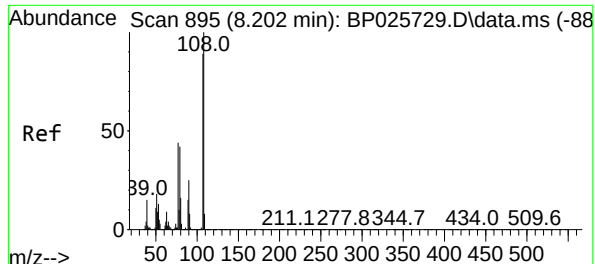
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.060 ng
RT: 8.266 min Scan# 906
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

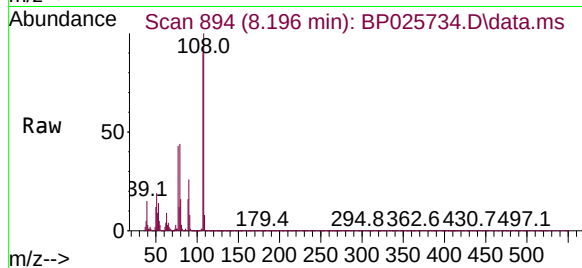
Tgt Ion: 45 Resp: 582311
Ion Ratio Lower Upper
45 100
77 13.0 0.0 33.1
79 9.9 0.0 30.0





#17
2-Methylphenol
Concen: 42.200 ng
RT: 8.196 min Scan# 895
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

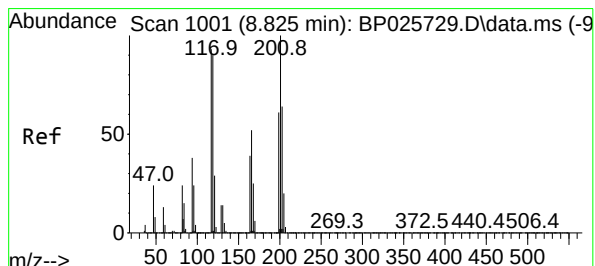
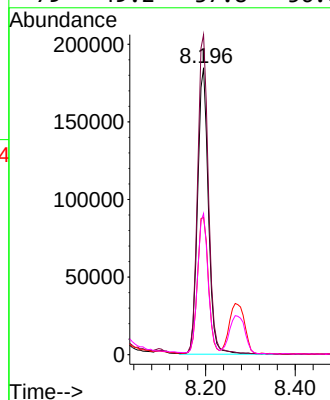
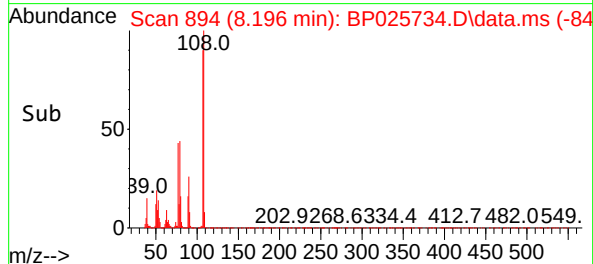
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



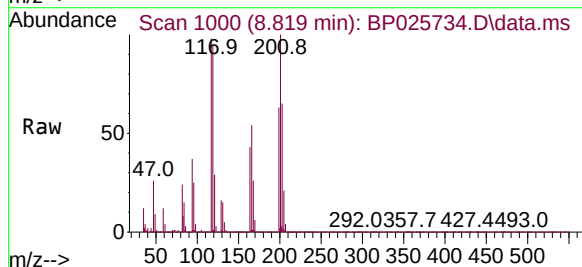
Tgt Ion:107 Resp: 307102
Ion Ratio Lower Upper
107 100
108 111.6 89.6 134.4
77 47.9 39.3 58.9
79 49.2 37.8 56.6

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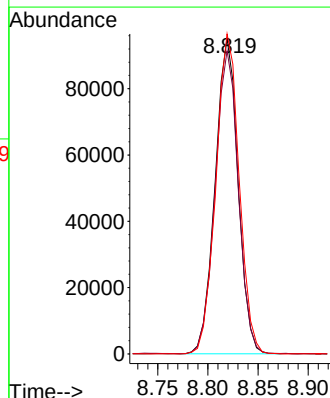
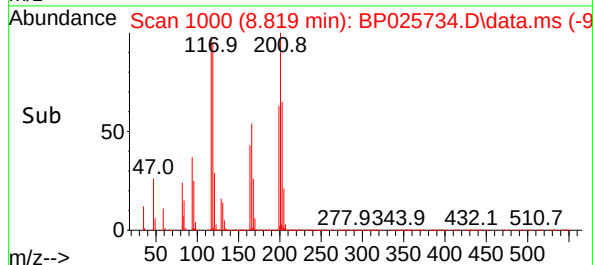
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

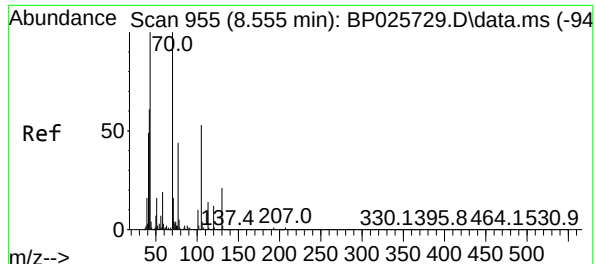


#18
Hexachloroethane
Concen: 40.508 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54



Tgt Ion:117 Resp: 151554
Ion Ratio Lower Upper
117 100
119 96.2 77.1 115.7
201 101.5 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 43.761 ng

RT: 8.548 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

Tgt Ion: 70 Resp: 312448

Ion Ratio Lower Upper

70 100

42 62.0 49.0 73.4

101 10.0 7.9 11.9

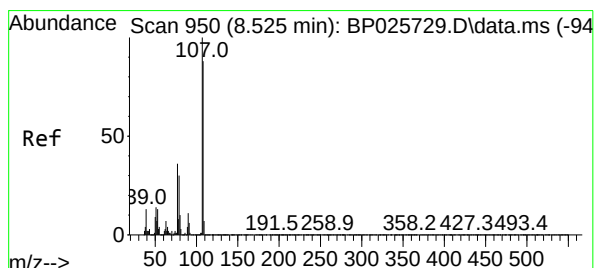
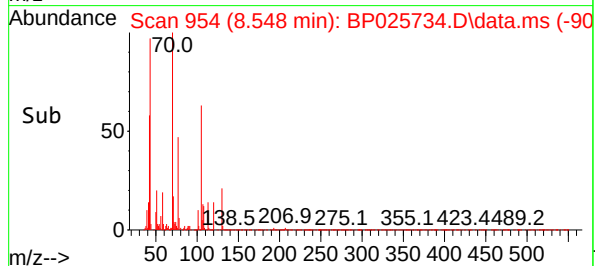
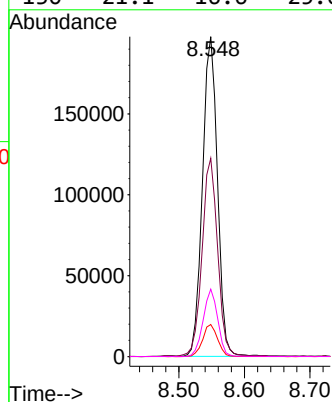
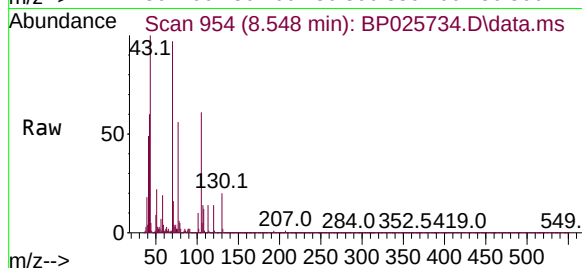
130 21.1 16.6 25.0

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Supervised By :Jagrut Upadhyay 09/12/2025



#20

3+4-Methylphenols

Concen: 41.117 ng

RT: 8.519 min Scan# 949

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Tgt Ion:107 Resp: 419059

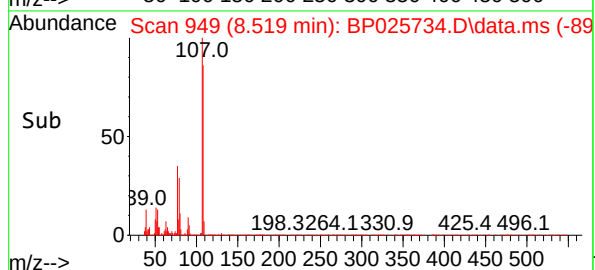
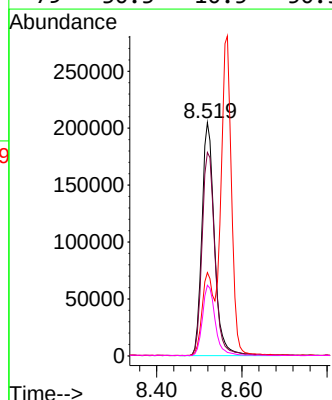
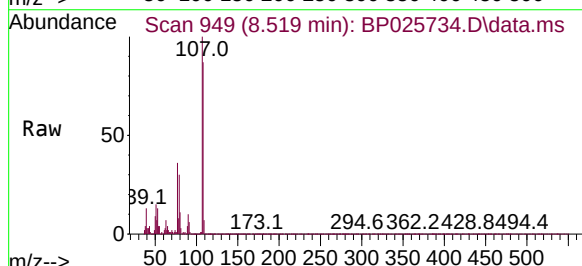
Ion Ratio Lower Upper

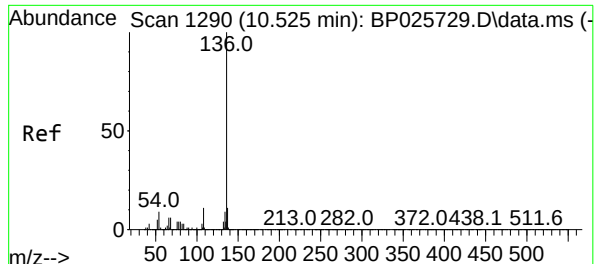
107 100

108 87.2 67.8 107.8

77 35.7 16.1 56.1

79 30.3 10.5 50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.525 min Scan# 1290

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

Tgt Ion:136 Resp: 536934

Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.0 7.5 11.3

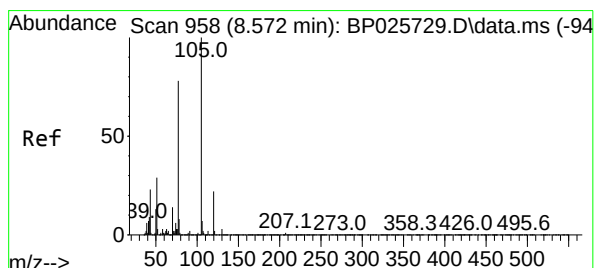
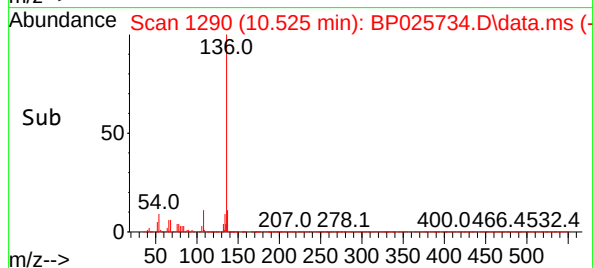
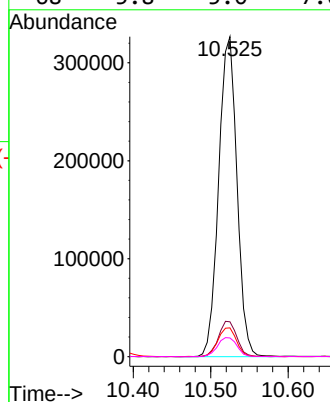
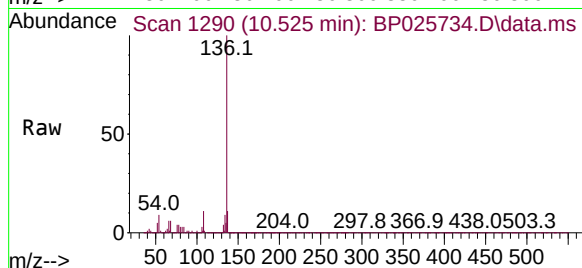
68 5.8 5.0 7.6

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#22

Acetophenone

Concen: 41.077 ng

RT: 8.566 min Scan# 957

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Tgt Ion:105 Resp: 589415

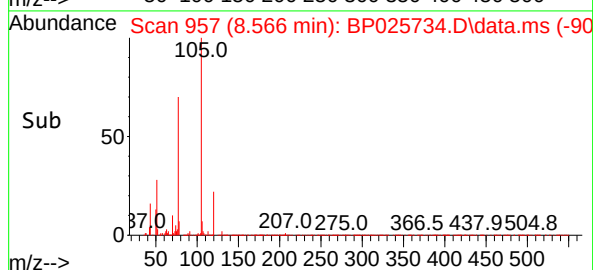
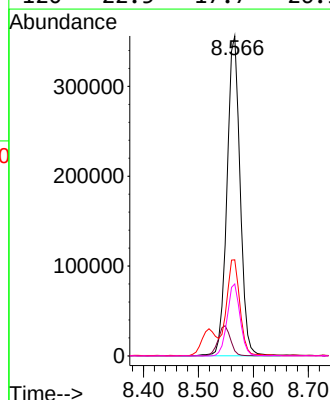
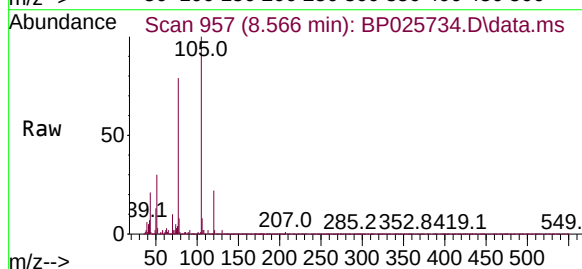
Ion Ratio Lower Upper

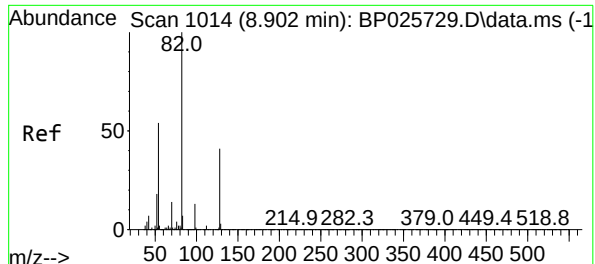
105 100

71 1.6 1.8 2.8

51 30.0 23.5 35.3

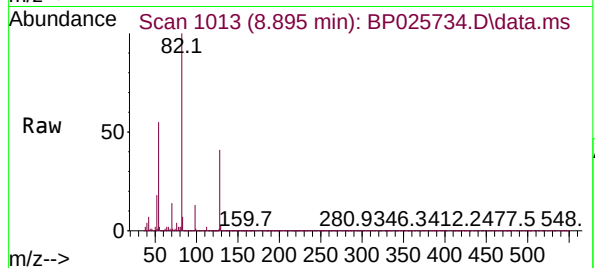
120 22.5 17.7 26.5





#23
Nitrobenzene-d5
Concen: 69.063 ng
RT: 8.895 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

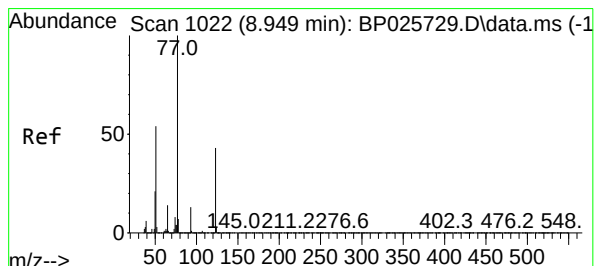
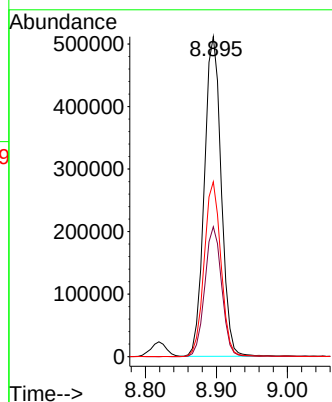
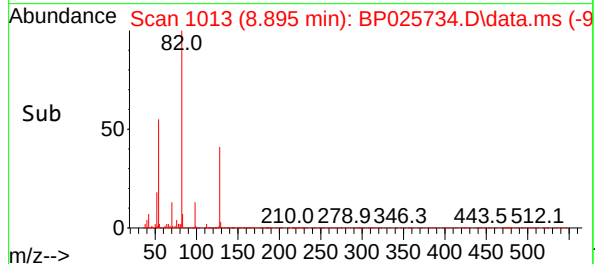
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion: 82 Resp: 840652
Ion Ratio Lower Upper
82 100
128 40.6 32.9 49.3
54 54.6 43.4 65.2

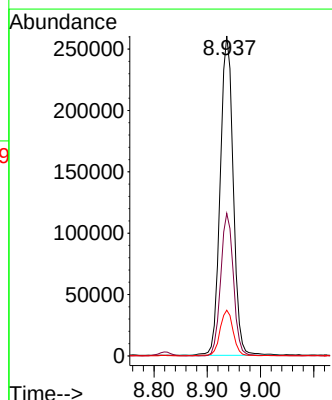
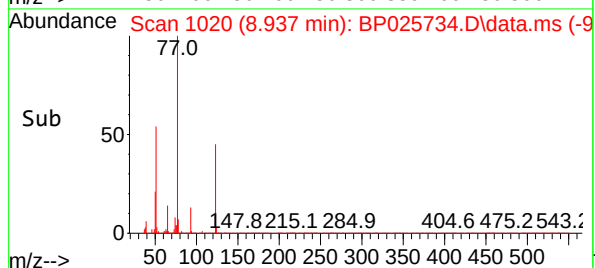
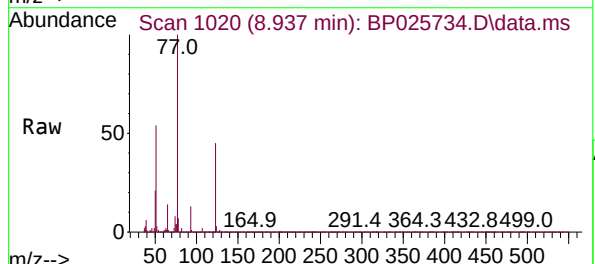
Manual Integrations
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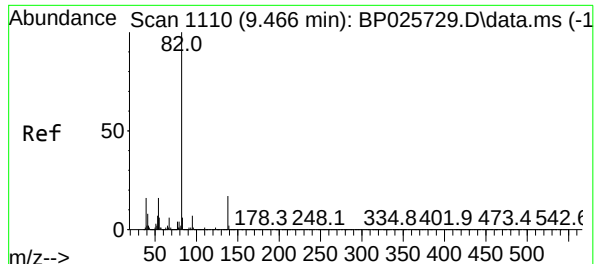
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#24
Nitrobenzene
Concen: 40.477 ng
RT: 8.937 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

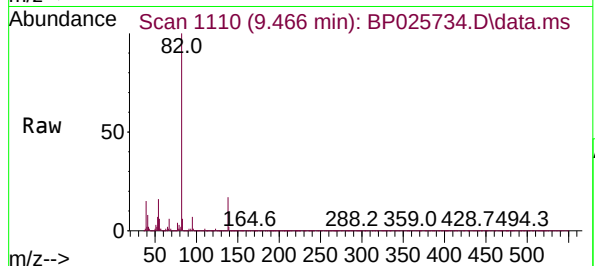
Tgt Ion: 77 Resp: 442005
Ion Ratio Lower Upper
77 100
123 44.5 34.4 51.6
65 14.3 10.8 16.2





#25
Isophorone
Concen: 40.570 ng
RT: 9.466 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

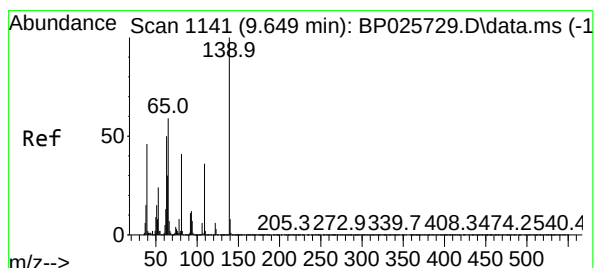
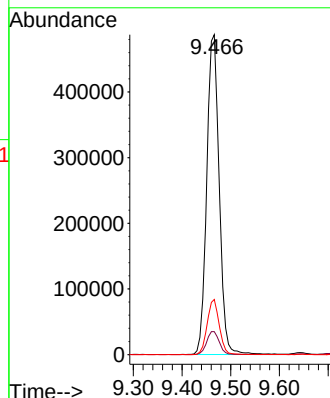
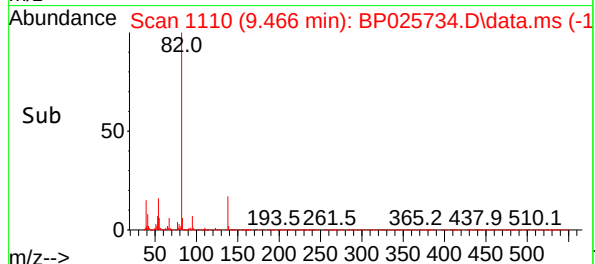
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion: 82 Resp: 867997
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 17.2 13.5 20.3

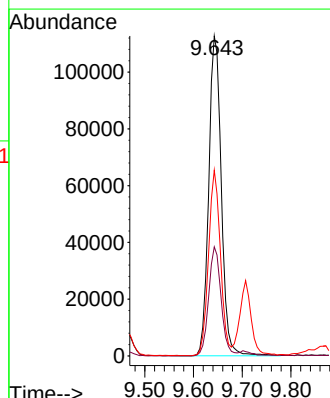
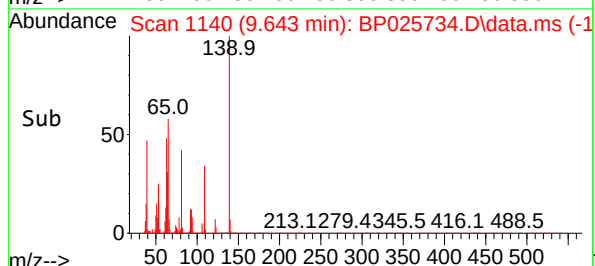
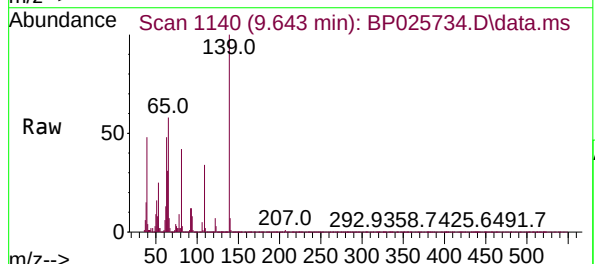
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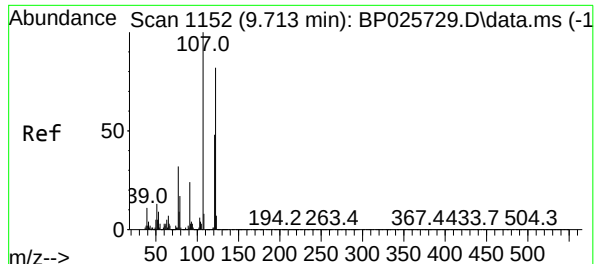
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#26
2-Nitrophenol
Concen: 42.019 ng
RT: 9.643 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:139 Resp: 203715
Ion Ratio Lower Upper
139 100
109 34.1 29.0 43.4
65 58.0 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 41.566 ng

RT: 9.707 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

Tgt Ion:122 Resp: 353536

Ion Ratio Lower Upper

122 100

107 122.9 97.9 146.9

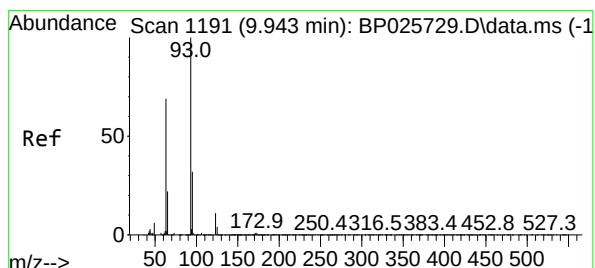
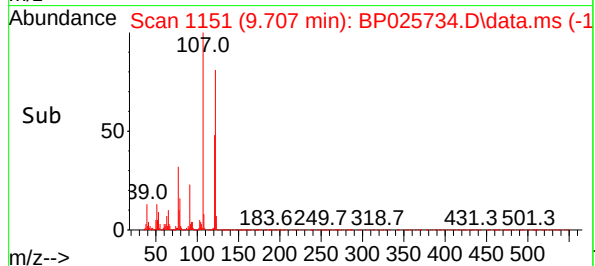
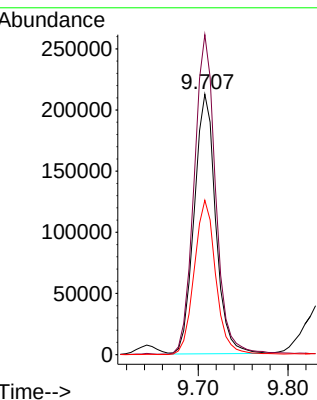
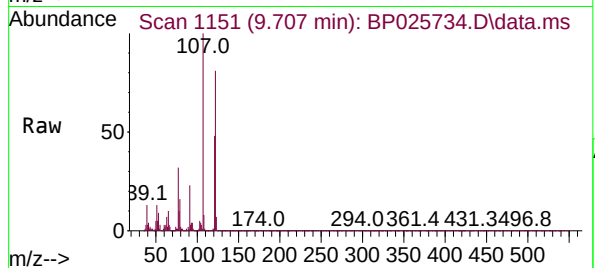
121 59.3 47.4 71.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#28

bis(2-Chloroethoxy)methane

Concen: 40.986 ng

RT: 9.931 min Scan# 1189

Delta R.T. -0.012 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

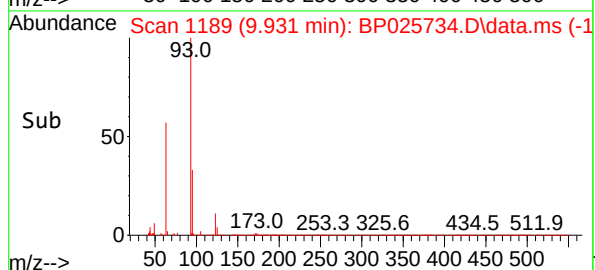
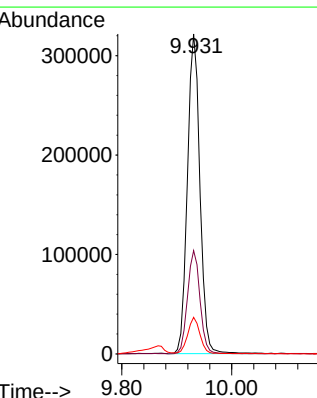
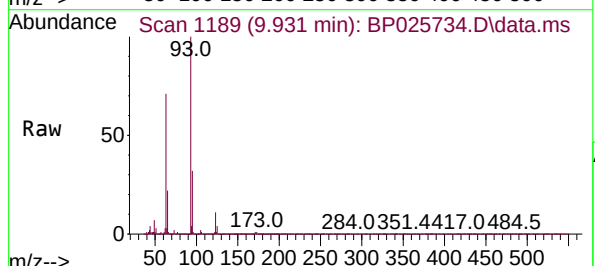
Tgt Ion: 93 Resp: 506887

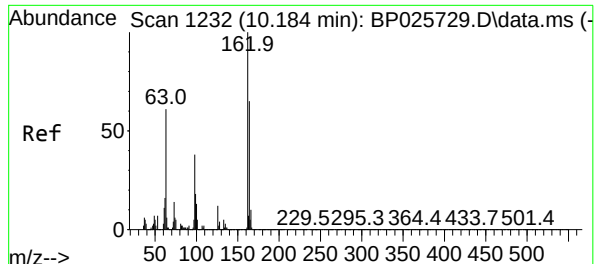
Ion Ratio Lower Upper

93 100

95 32.3 25.6 38.4

123 11.5 9.2 13.8





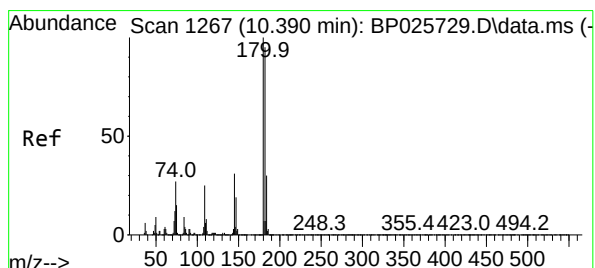
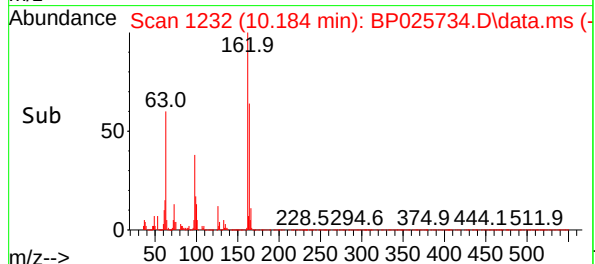
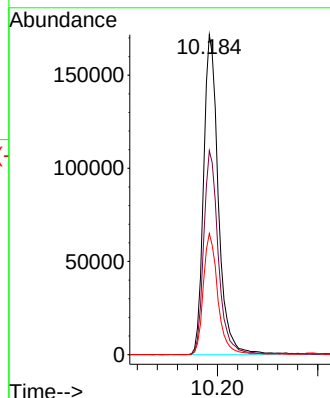
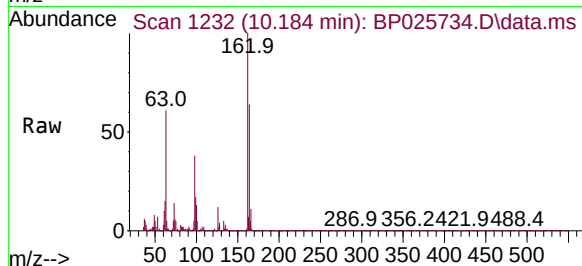
#29
2,4-Dichlorophenol
Concen: 41.410 ng
RT: 10.184 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Tgt Ion:162 Resp: 351168
Ion Ratio Lower Upper
162 100
164 63.7 44.7 84.7
98 37.9 18.1 58.1

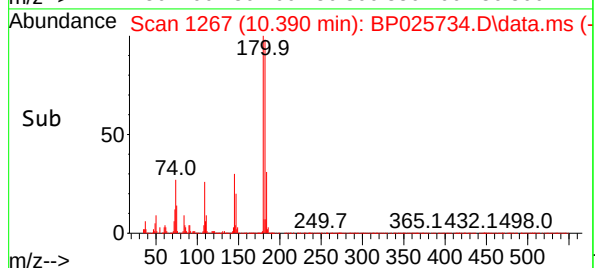
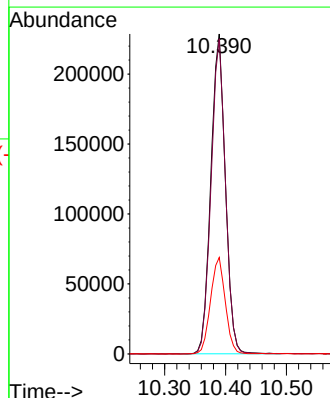
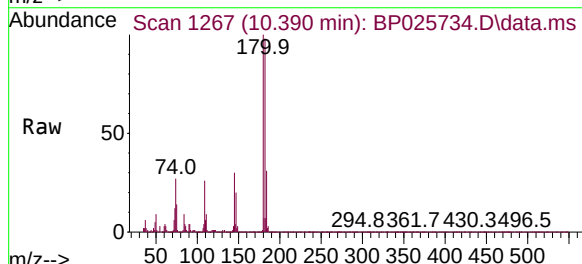
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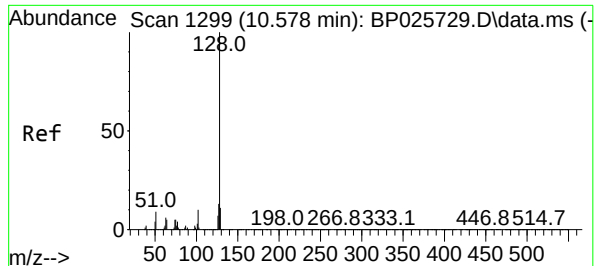
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#30
1,2,4-Trichlorobenzene
Concen: 39.530 ng
RT: 10.390 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

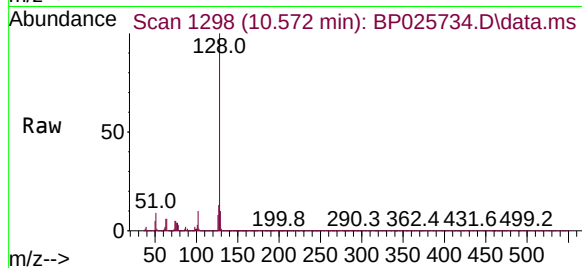
Tgt Ion:180 Resp: 377799
Ion Ratio Lower Upper
180 100
182 98.5 76.0 114.0
145 30.1 24.7 37.1





#31
Naphthalene
Concen: 39.618 ng
RT: 10.572 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

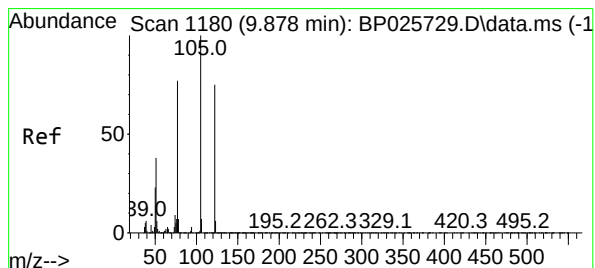
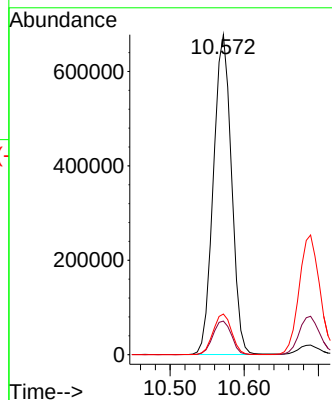
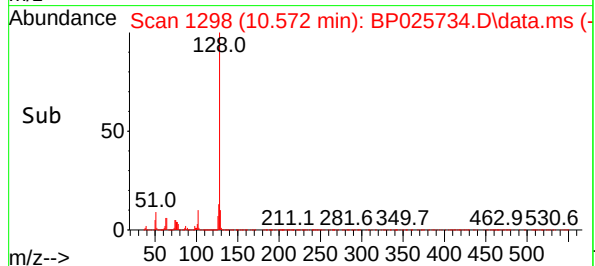
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion:128 Resp: 1147015
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 12.7 10.2 15.4

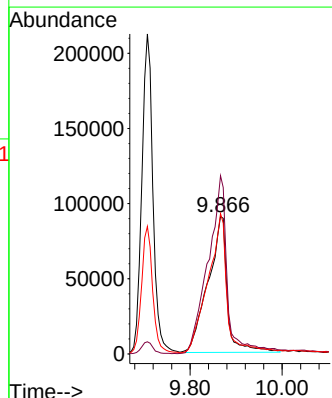
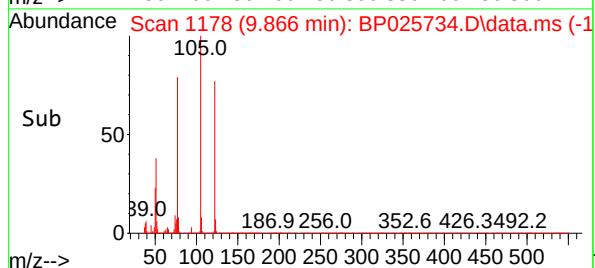
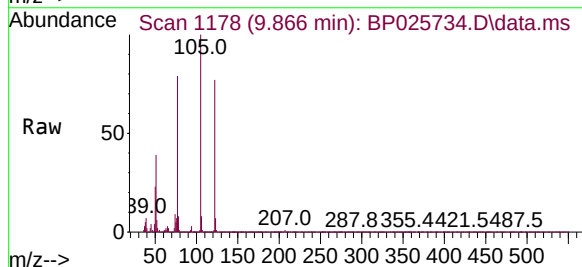
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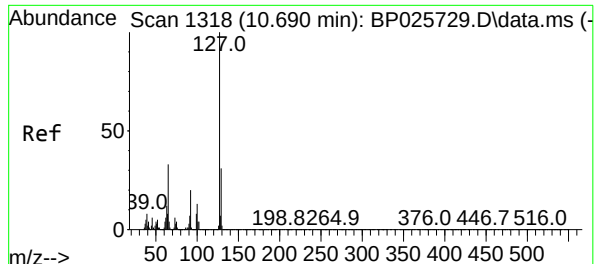
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#32
Benzoic acid
Concen: 41.287 ng
RT: 9.866 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

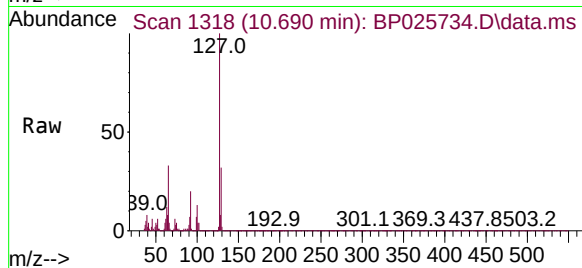
Tgt Ion:122 Resp: 261084
Ion Ratio Lower Upper
122 100
105 129.7 111.5 151.5
77 102.2 81.8 121.8





#33
4-Chloroaniline
Concen: 42.370 ng
RT: 10.690 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

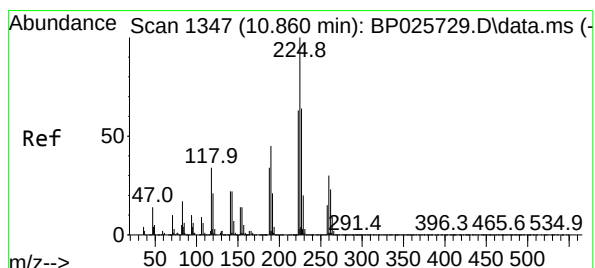
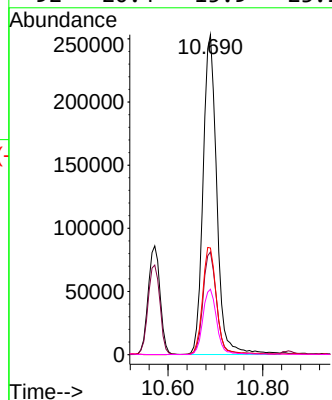
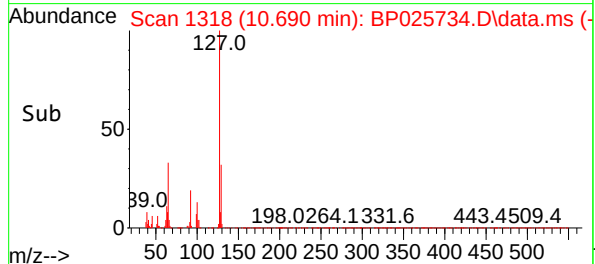
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion:127 Resp: 511290
Ion Ratio Lower Upper
127 100
129 32.1 25.1 37.7
65 33.3 26.4 39.6
92 20.4 15.9 23.9

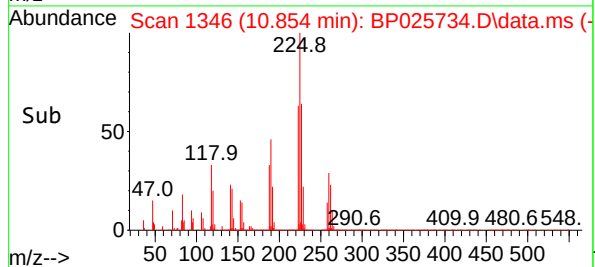
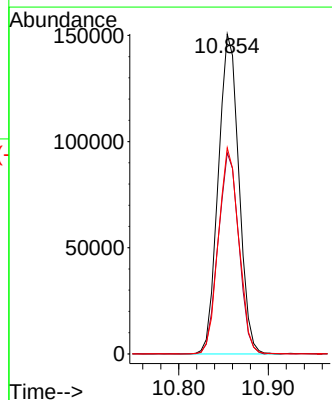
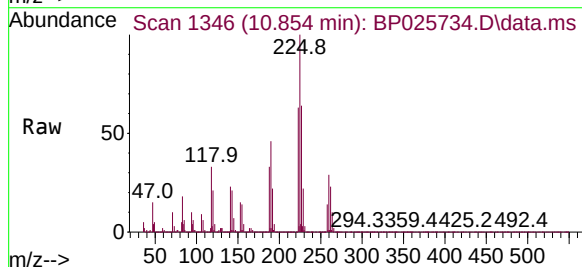
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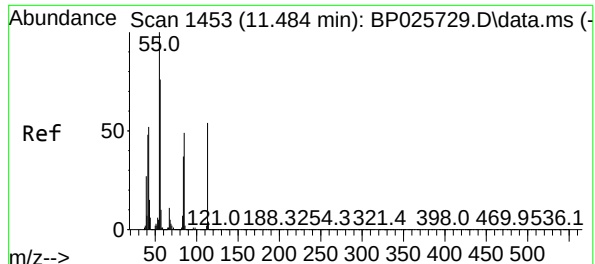
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#34
Hexachlorobutadiene
Concen: 39.159 ng
RT: 10.854 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

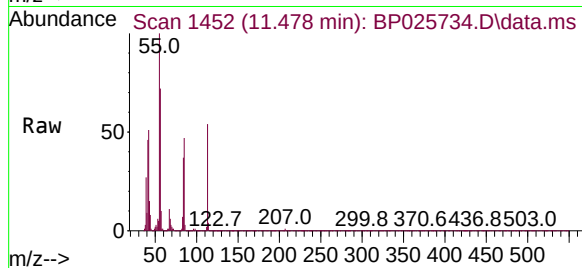
Tgt Ion:225 Resp: 240927
Ion Ratio Lower Upper
225 100
223 62.8 50.1 75.1
227 64.4 51.2 76.8





#35
 Caprolactam
 Concen: 39.662 ng
 RT: 11.478 min Scan# 1453
 Delta R.T. -0.006 min
 Lab File: BP025734.D
 Acq: 11 Sep 2025 16:54

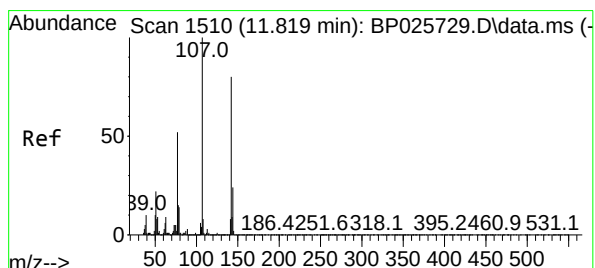
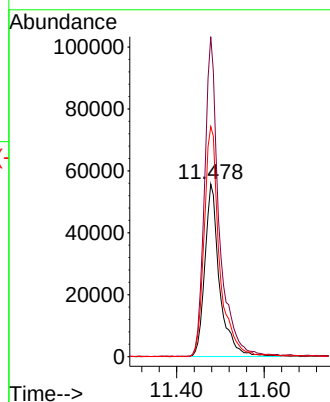
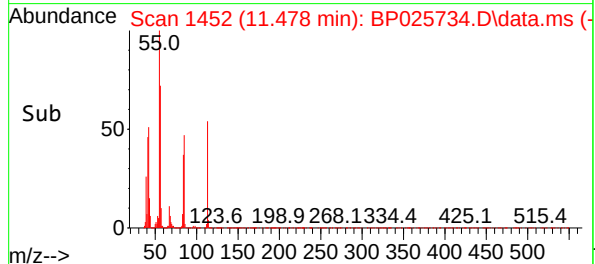
Instrument :
 BNA_P
 ClientSampleId :
 ICVBP091225



Tgt Ion:113 Resp: 129656
 Ion Ratio Lower Upper
 113 100
 55 185.4 165.5 205.5
 56 133.3 121.1 161.1

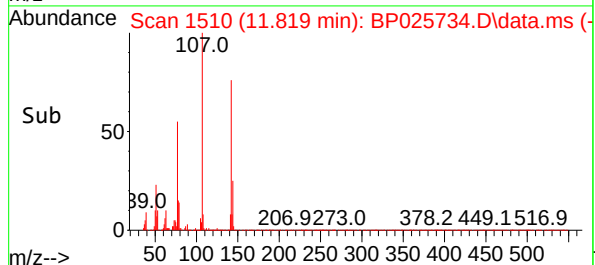
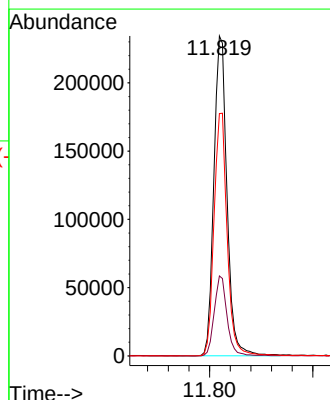
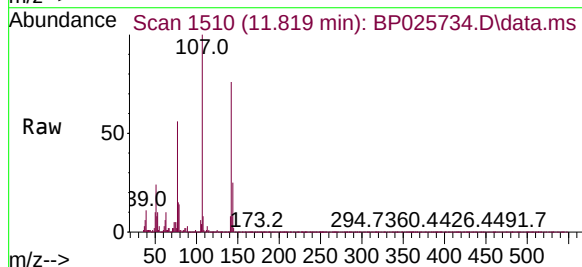
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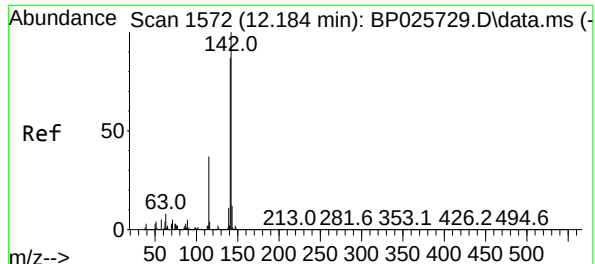
Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025



#36
 4-Chloro-3-methylphenol
 Concen: 40.986 ng
 RT: 11.819 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: BP025734.D
 Acq: 11 Sep 2025 16:54

Tgt Ion:107 Resp: 414385
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.4 29.2
 142 75.7 63.8 95.6





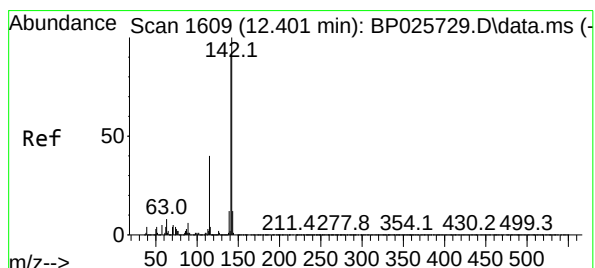
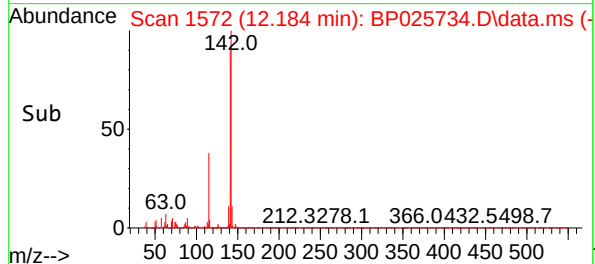
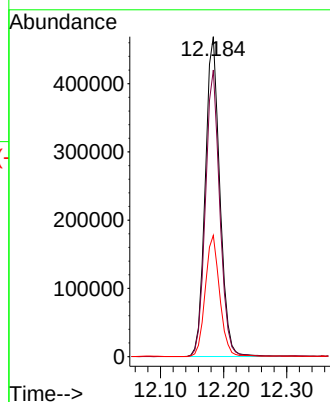
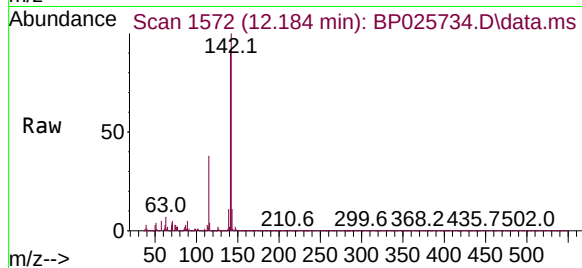
#37
2-Methylnaphthalene
Concen: 40.396 ng
RT: 12.184 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Tgt Ion:142 Resp: 751182
Ion Ratio Lower Upper
142 100
141 89.6 69.6 104.4
115 37.9 30.0 45.0

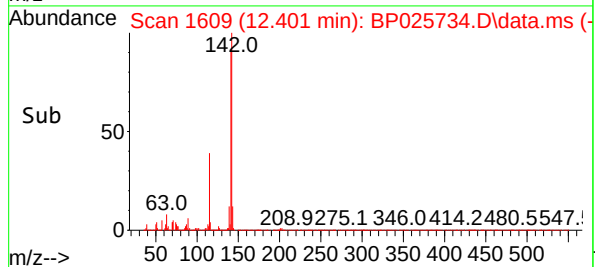
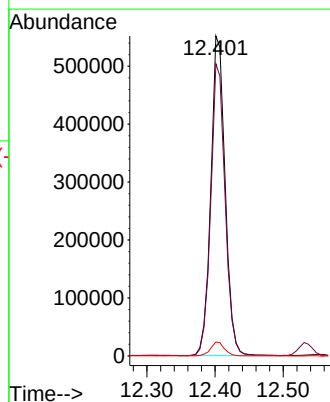
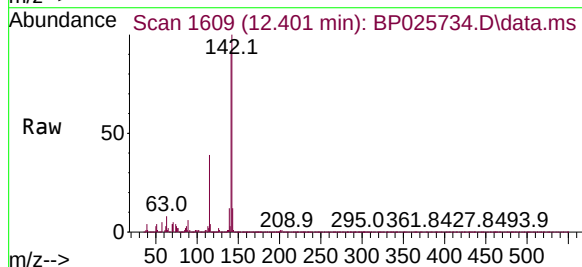
Manual Integrations
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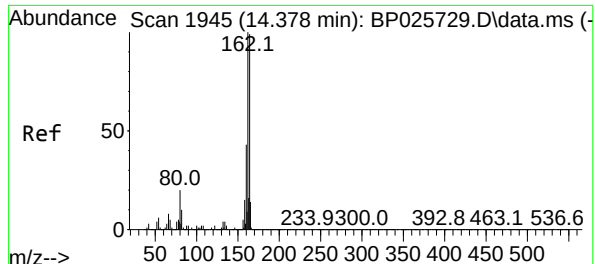
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#38
1-Methylnaphthalene
Concen: 40.566 ng
RT: 12.401 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:142 Resp: 804402
Ion Ratio Lower Upper
142 100
141 91.3 72.7 109.1
116 4.3 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.378 min Scan# 1945

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

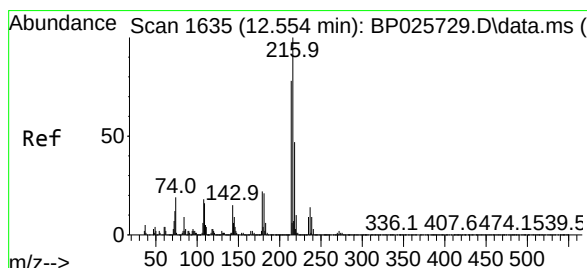
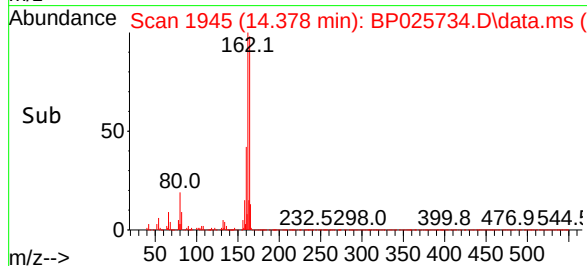
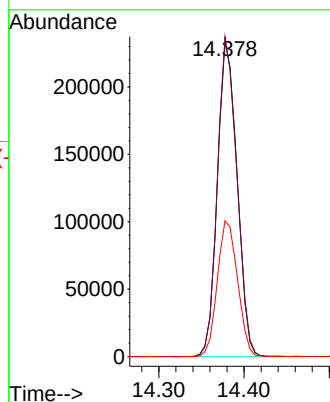
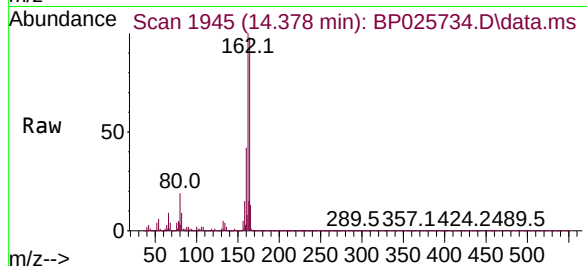
Tgt Ion:	164	Resp:	375383
Ion Ratio	Lower	Upper	
164	100		
162	101.7	80.6	120.8
160	43.1	35.0	52.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.058 ng

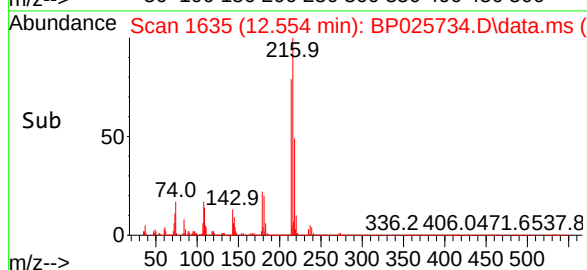
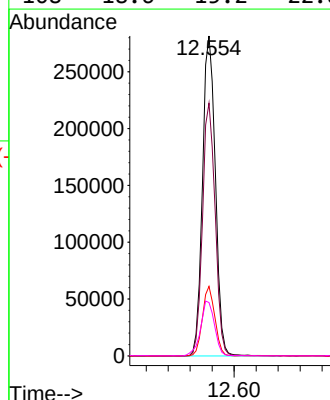
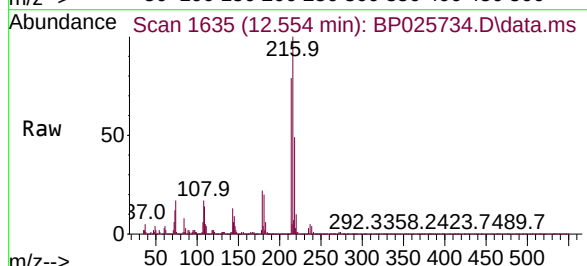
RT: 12.554 min Scan# 1635

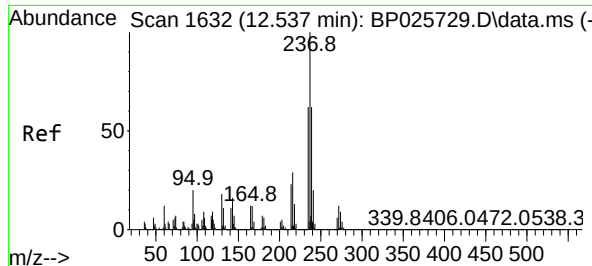
Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Tgt Ion:	216	Resp:	455659
Ion Ratio	Lower	Upper	
216	100		
214	78.0	62.4	93.6
179	21.0	17.0	25.6
108	18.6	15.2	22.8





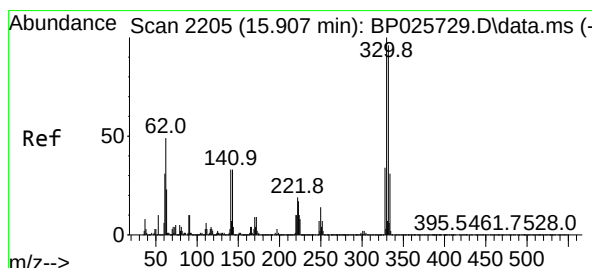
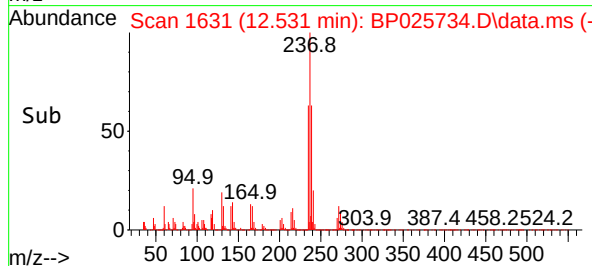
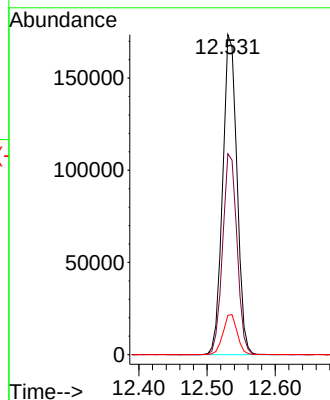
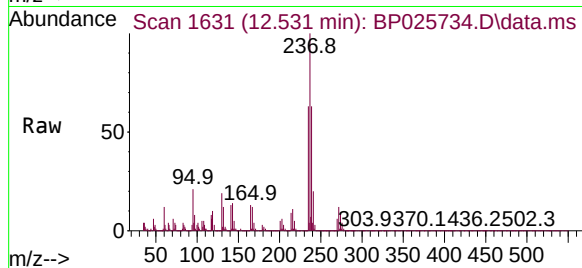
#41
Hexachlorocyclopentadiene
Concen: 40.525 ng
RT: 12.531 min Scan# 1631
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Tgt Ion: 237 Resp: 251065
Ion Ratio Lower Upper
237 100
235 62.8 41.9 81.9
272 12.3 0.0 31.8

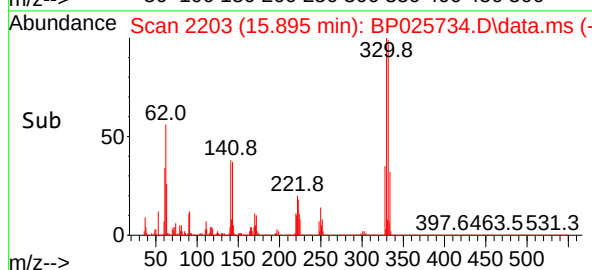
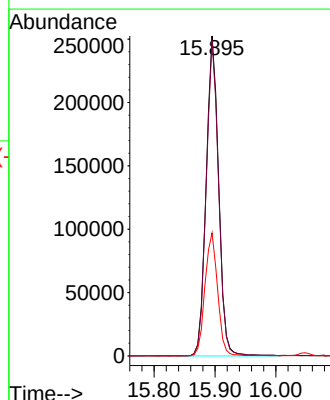
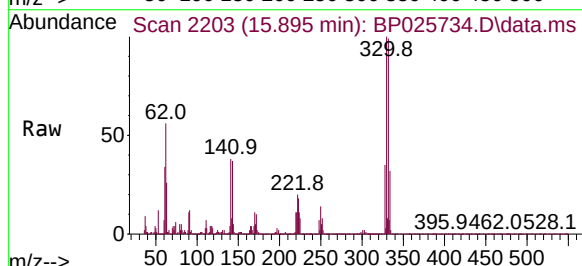
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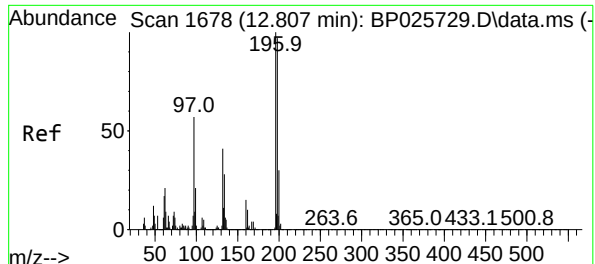
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#42
2,4,6-Tribromophenol
Concen: 76.715 ng
RT: 15.895 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 330 Resp: 359192
Ion Ratio Lower Upper
330 100
332 97.4 76.9 115.3
141 39.0 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 41.695 ng

RT: 12.801 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

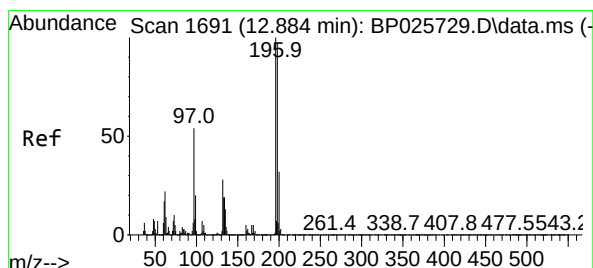
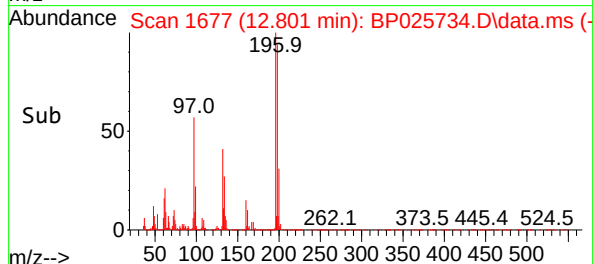
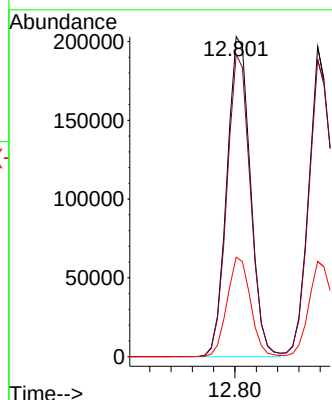
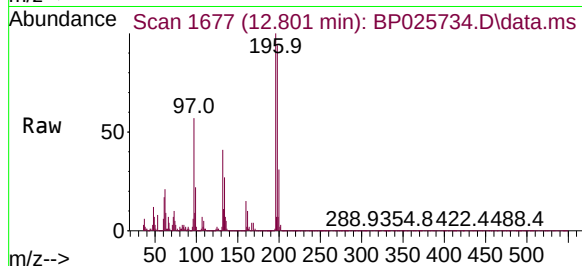
ICVBP091225

Tgt Ion:196	Resp:	311792
Ion Ratio	Lower	Upper
196	100	
198	94.5	77.2 115.8
200	31.1	24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#44

2,4,5-Trichlorophenol

Concen: 40.344 ng

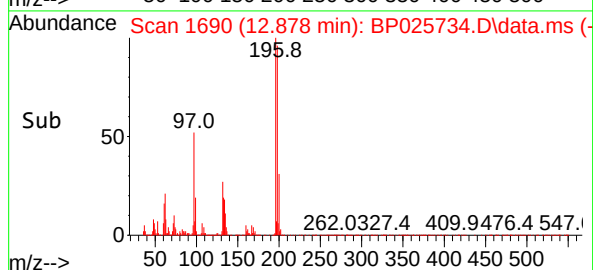
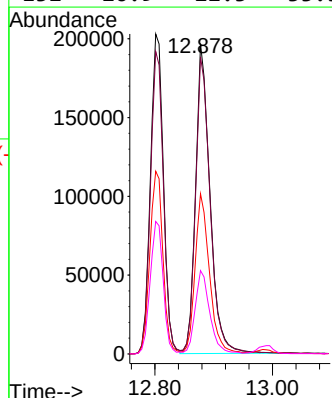
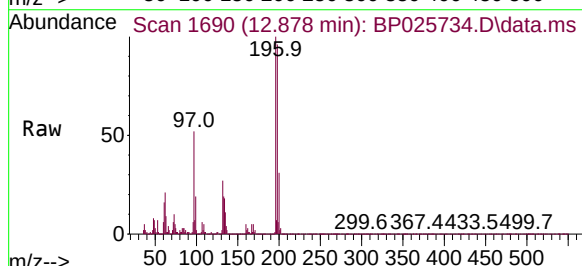
RT: 12.878 min Scan# 1690

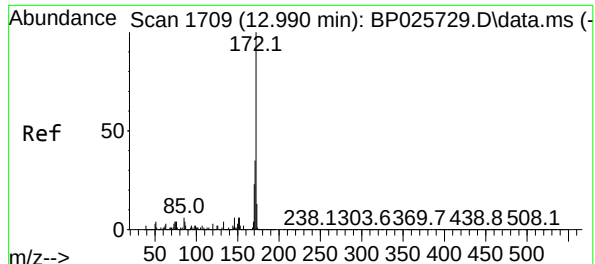
Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

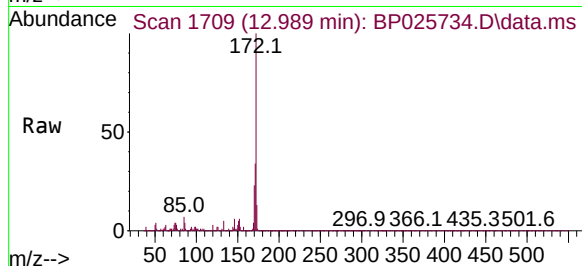
Tgt Ion:196	Resp:	335762
Ion Ratio	Lower	Upper
196	100	
198	95.8	77.8 116.8
97	51.6	43.3 64.9
132	26.9	22.3 33.5





#45
2-Fluorobiphenyl
Concen: 69.102 ng
RT: 12.989 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

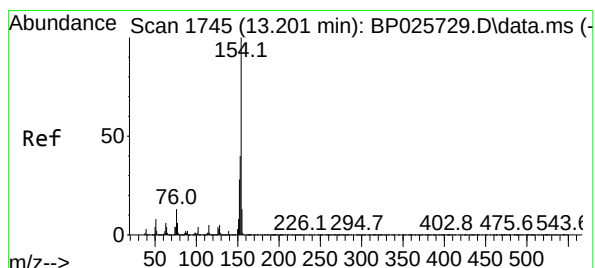
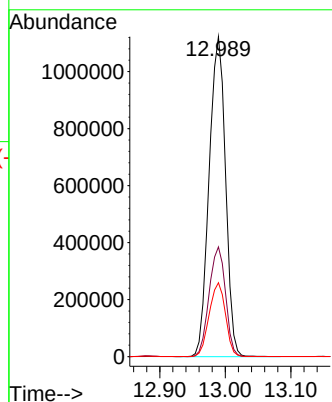
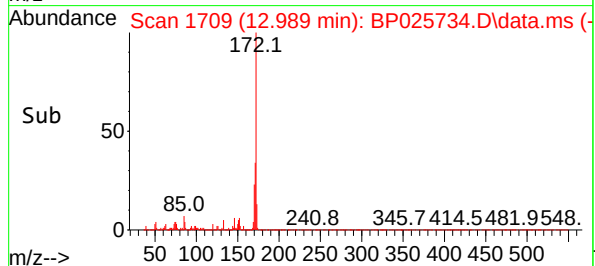
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion:172 Resp: 1948137
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 23.1 18.6 27.8

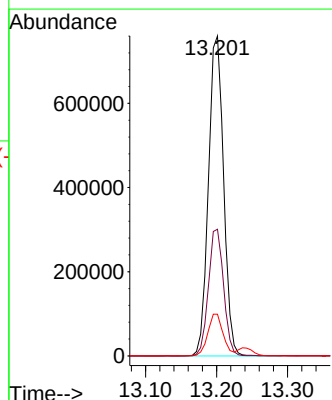
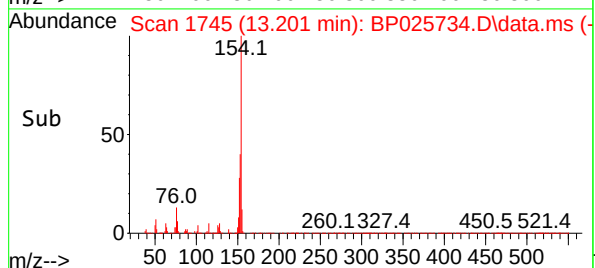
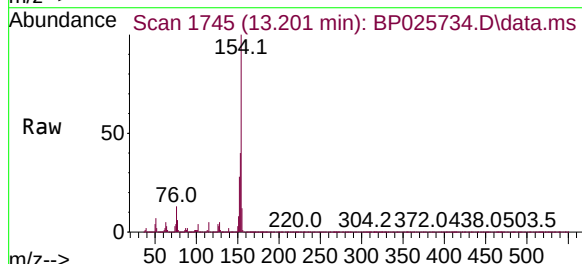
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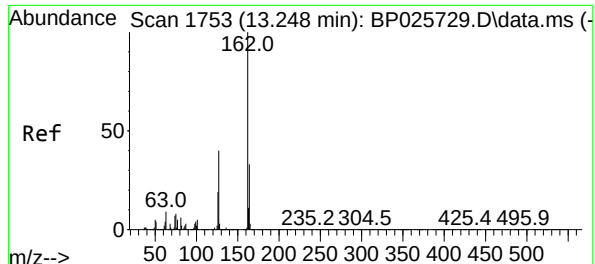
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#46
1,1'-Biphenyl
Concen: 40.692 ng
RT: 13.201 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:154 Resp: 1121205
Ion Ratio Lower Upper
154 100
153 39.6 19.7 59.7
76 13.0 0.0 33.3





#47

2-Chloronaphthalene

Concen: 39.167 ng

RT: 13.242 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

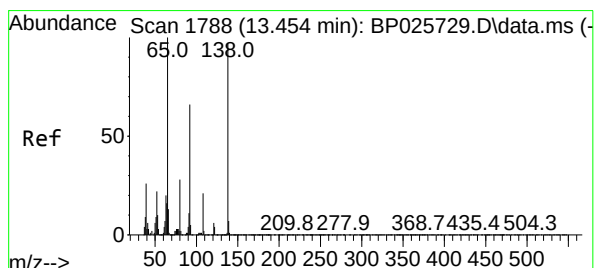
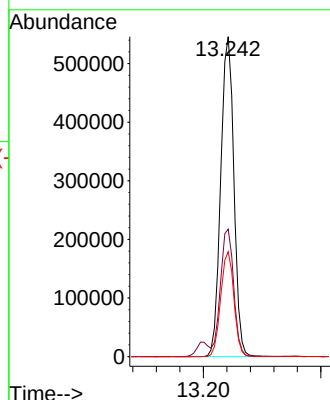
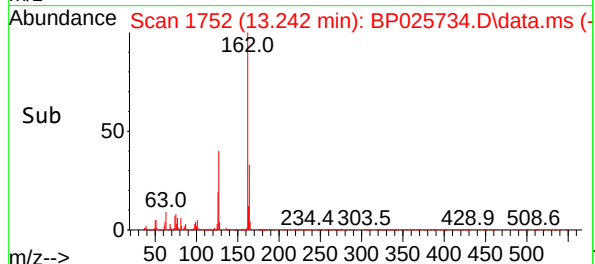
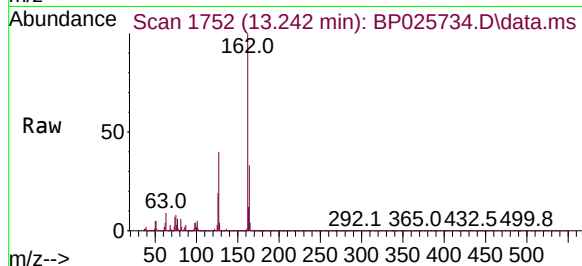
Tgt Ion:	162	Resp:	84975
Ion Ratio	Lower	Upper	
162	100		
127	39.8	32.2	48.4
164	32.8	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#48

2-Nitroaniline

Concen: 41.012 ng

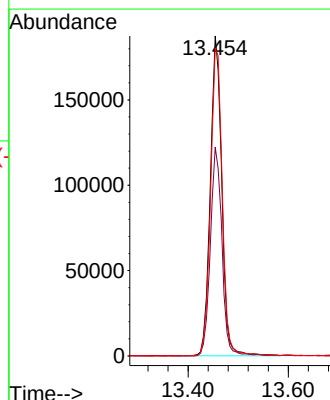
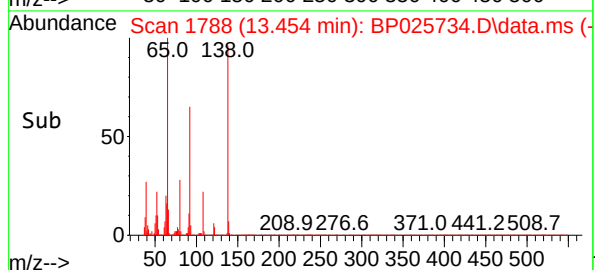
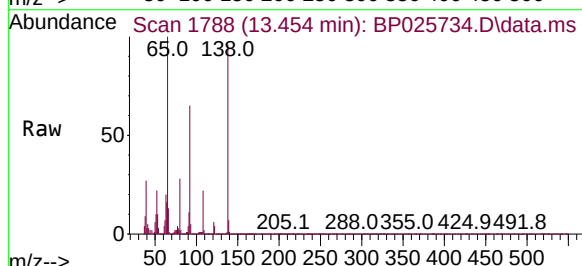
RT: 13.454 min Scan# 1788

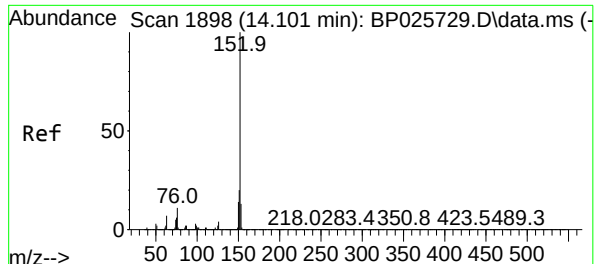
Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Tgt Ion:	65	Resp:	296601
Ion Ratio	Lower	Upper	
65	100		
92	65.3	53.1	79.7
138	96.0	77.8	116.8





#49

Acenaphthylene

Concen: 39.820 ng

RT: 14.101 min Scan# 1898

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

Tgt Ion:152 Resp: 1431405

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

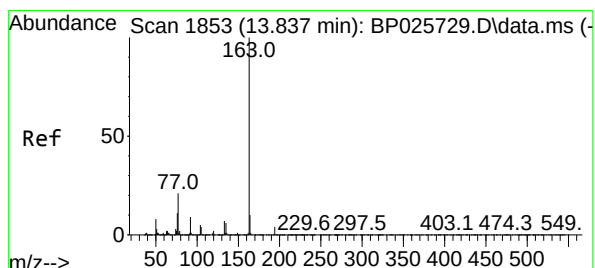
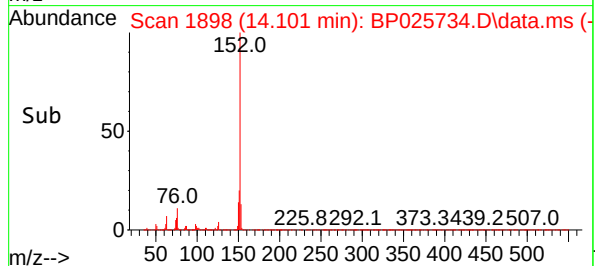
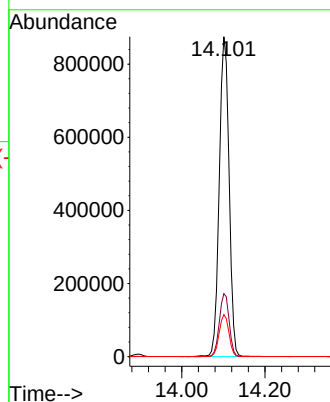
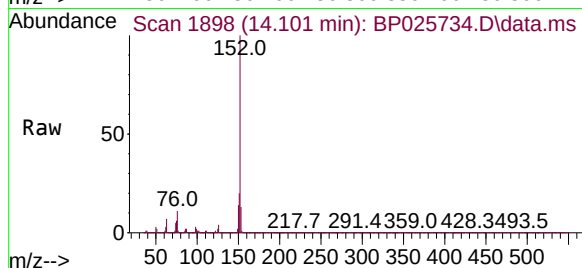
153 13.1 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#50

Dimethylphthalate

Concen: 39.480 ng

RT: 13.836 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

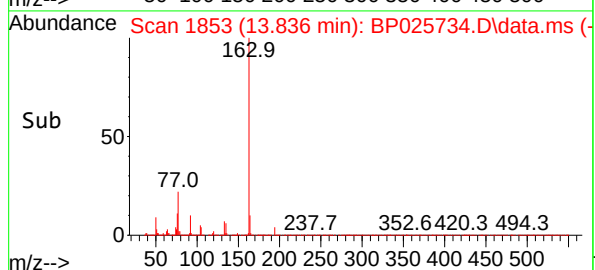
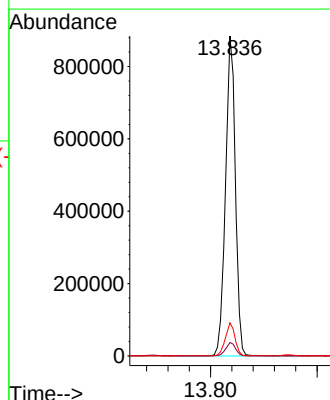
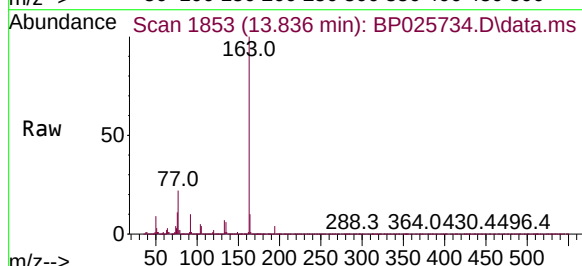
Tgt Ion:163 Resp: 1131460

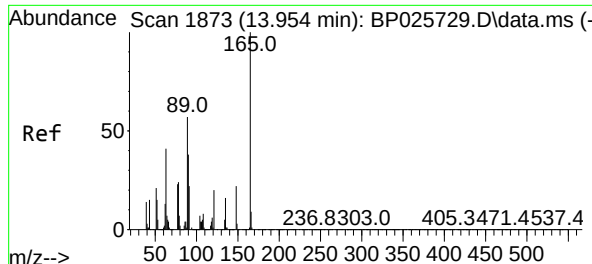
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

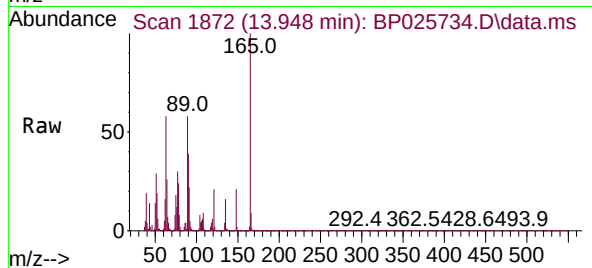
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 40.363 ng
RT: 13.948 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

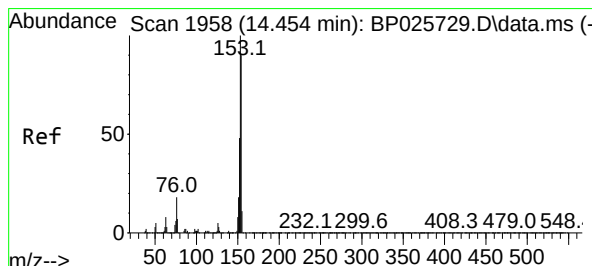
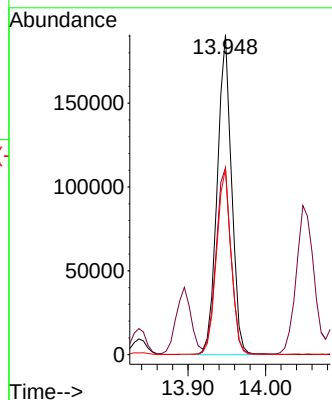
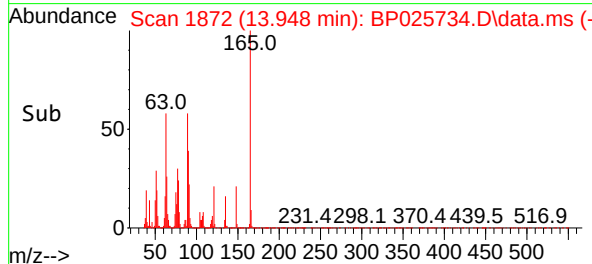
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion:165 Resp: 245080
Ion Ratio Lower Upper
165 100
63 58.4 48.1 72.1
89 58.1 45.4 68.0

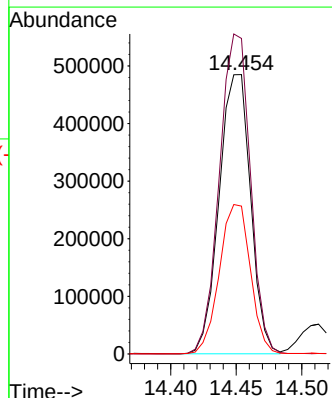
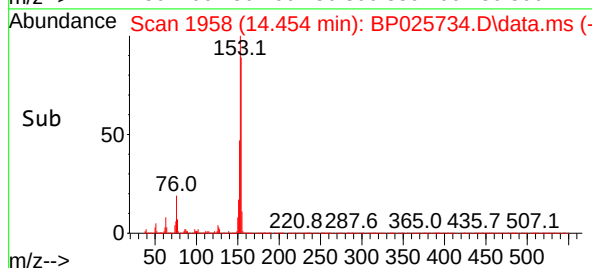
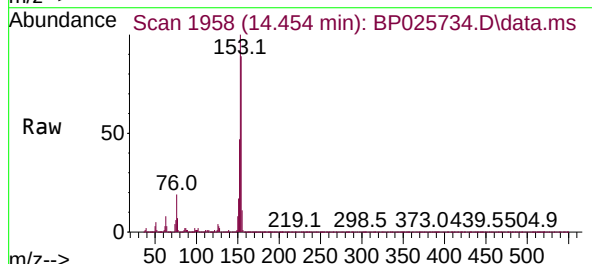
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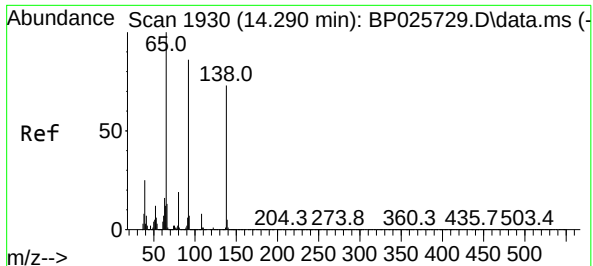
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#52
Acenaphthene
Concen: 39.008 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

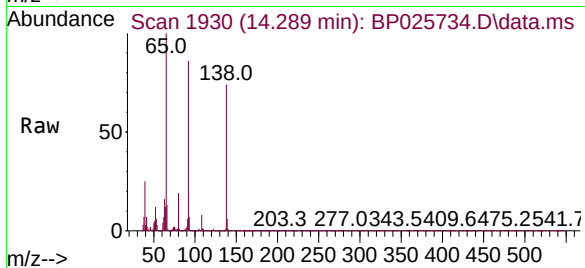
Tgt Ion:154 Resp: 808647
Ion Ratio Lower Upper
154 100
153 112.9 89.4 134.0
152 52.9 42.5 63.7





#53
3-Nitroaniline
Concen: 40.770 ng
RT: 14.289 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

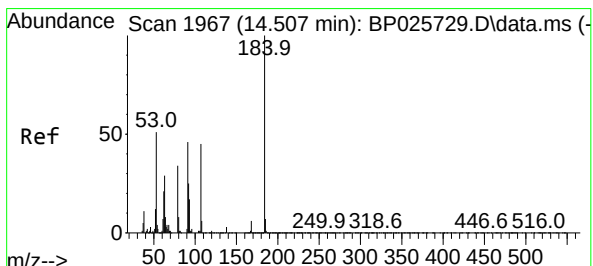
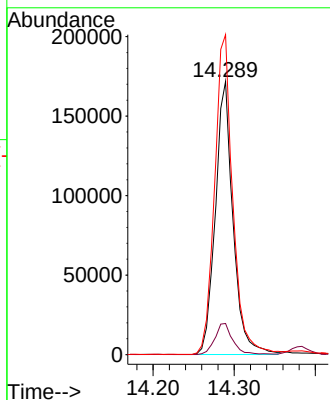
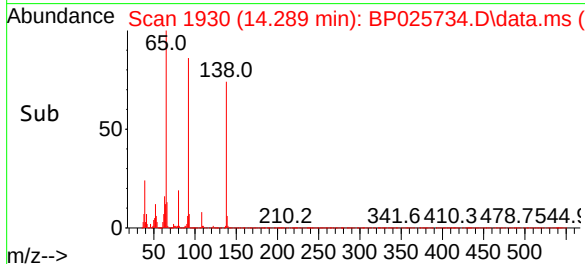
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion:138 Resp: 260323
Ion Ratio Lower Upper
138 100
108 11.4 8.7 13.1
92 117.1 94.6 142.0

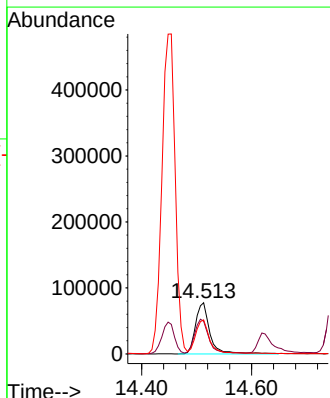
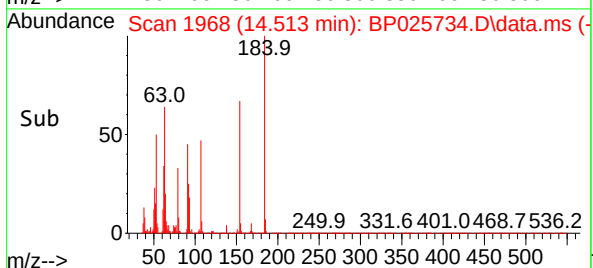
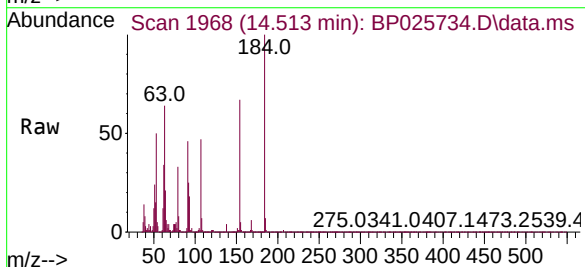
Manual Integrations
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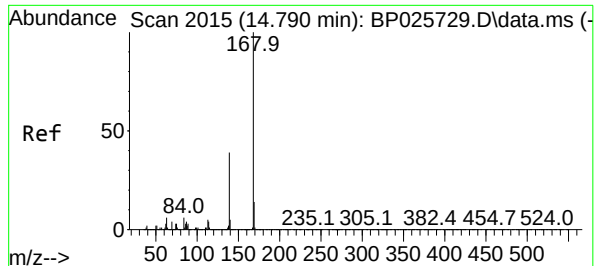
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#54
2,4-Dinitrophenol
Concen: 38.055 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:184 Resp: 139609
Ion Ratio Lower Upper
184 100
63 64.0 52.5 78.7
154 66.5 51.5 77.3





#55

Dibenzenofuran

Concen: 39.353 ng

RT: 14.783 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

Tgt Ion:168 Resp: 1329616

Ion Ratio Lower Upper

168 100

139 38.4 31.7 47.5

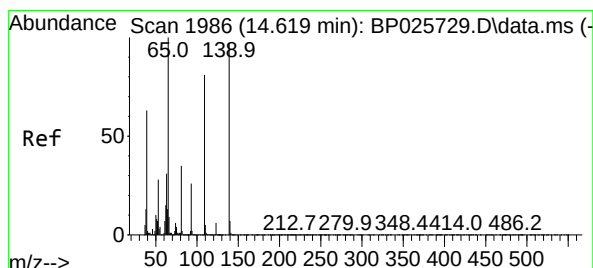
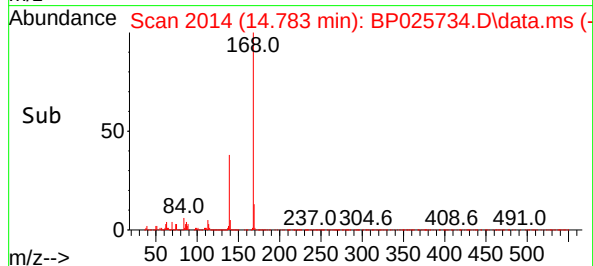
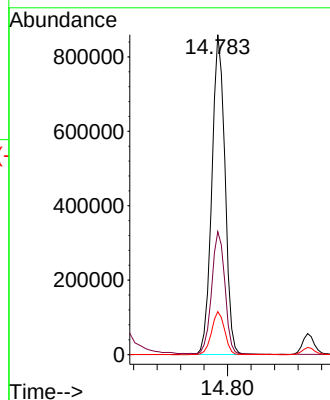
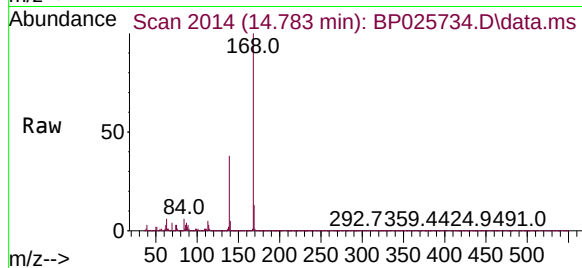
169 13.4 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#56

4-Nitrophenol

Concen: 37.582 ng

RT: 14.619 min Scan# 1986

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

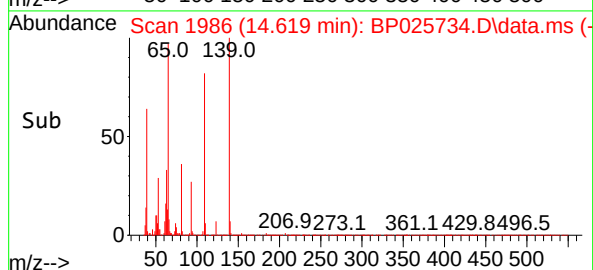
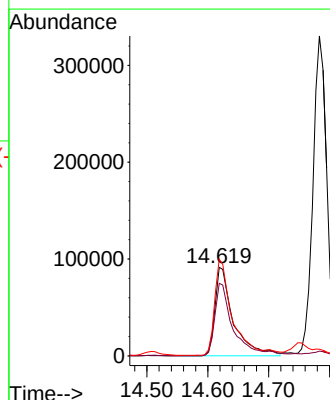
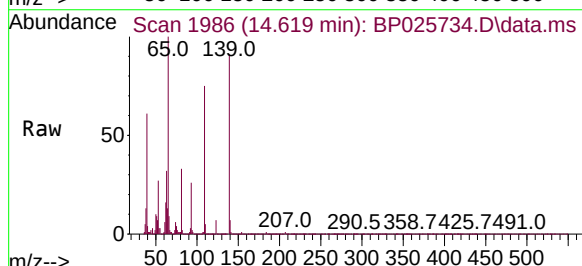
Tgt Ion:139 Resp: 192803

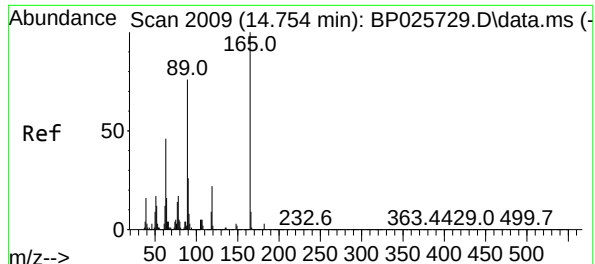
Ion Ratio Lower Upper

139 100

109 81.9 62.9 102.9

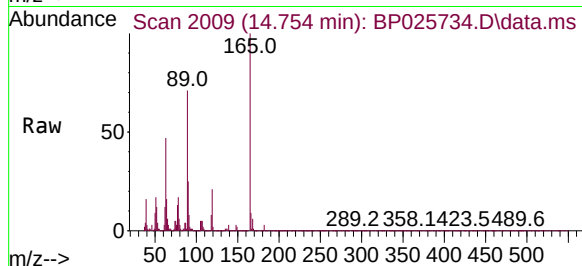
65 109.3 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 40.928 ng
RT: 14.754 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

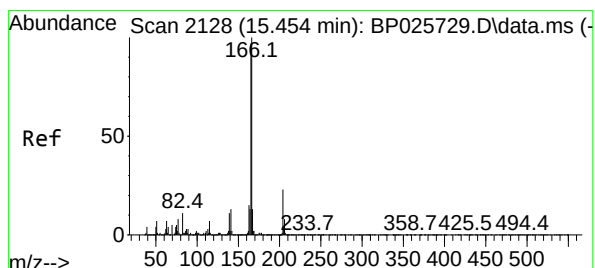
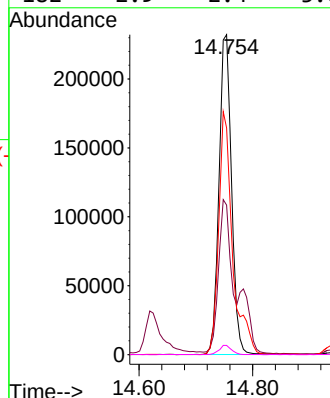
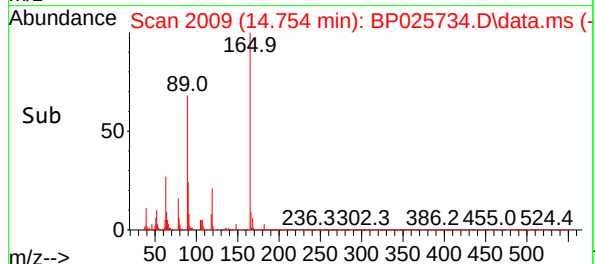
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion:165 Resp: 353669
Ion Ratio Lower Upper
165 100
63 46.7 37.7 56.5
89 70.8 61.0 91.6
182 2.9 2.4 3.6

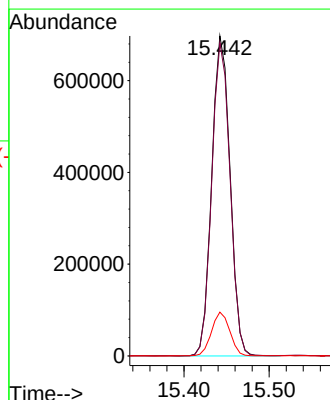
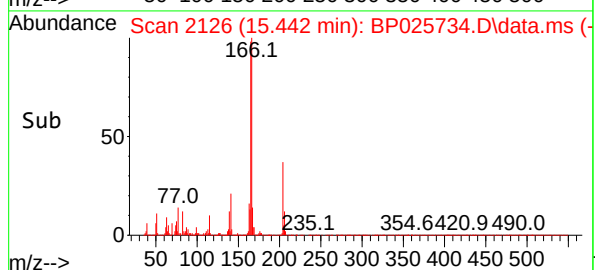
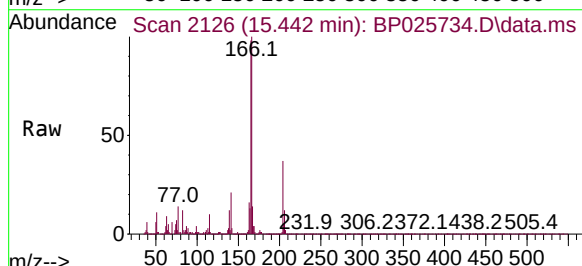
Manual Integrations
APPROVED

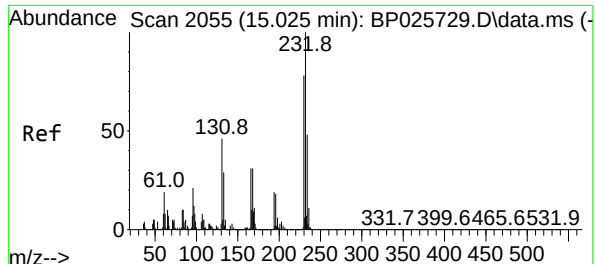
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#58
Fluorene
Concen: 38.831 ng
RT: 15.442 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:166 Resp: 1043250
Ion Ratio Lower Upper
166 100
165 97.8 77.7 116.5
167 13.7 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.712 ng

RT: 15.019 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

Tgt Ion:232 Resp: 297719

Ion Ratio Lower Upper

232 100

131 45.5 36.7 55.1

130 2.6 2.0 3.0

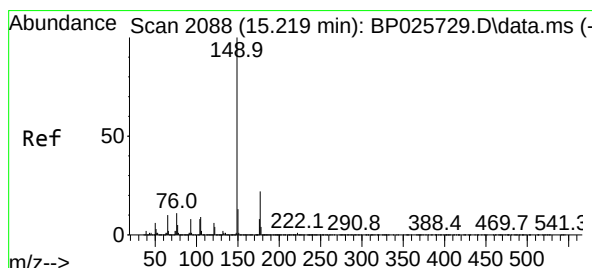
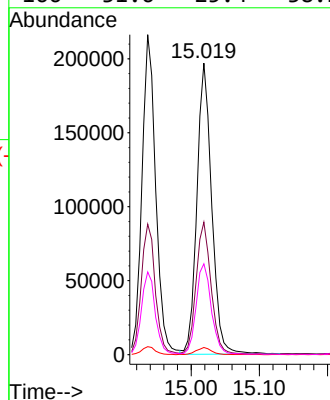
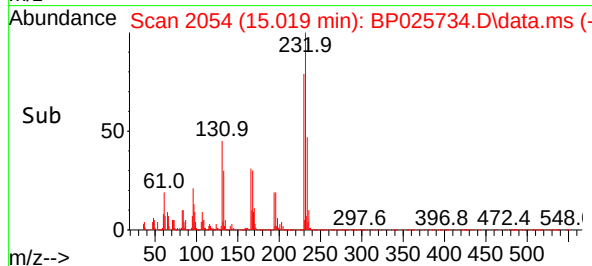
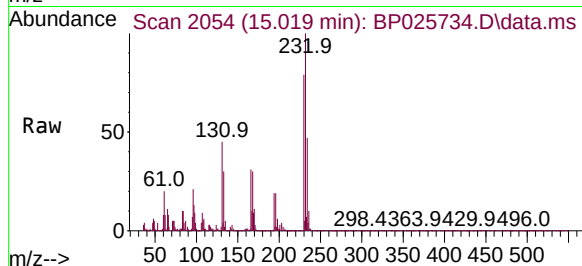
166 31.6 25.4 38.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#60

Diethylphthalate

Concen: 40.039 ng

RT: 15.219 min Scan# 2088

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

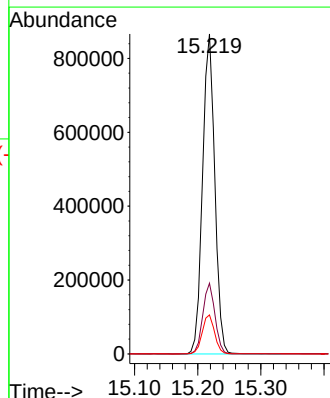
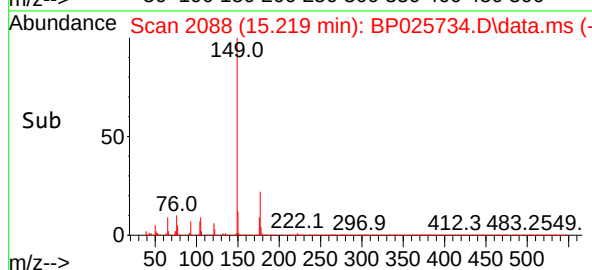
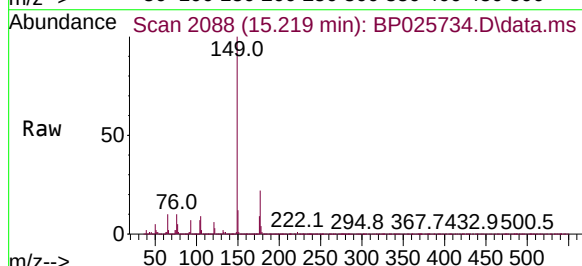
Tgt Ion:149 Resp: 1163950

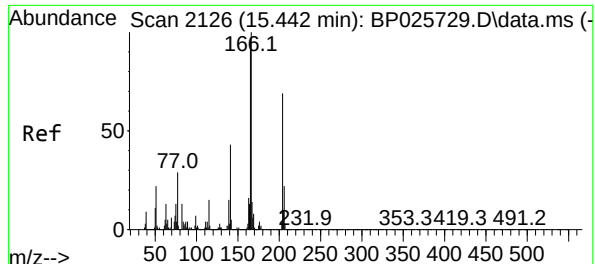
Ion Ratio Lower Upper

149 100

177 22.1 17.7 26.5

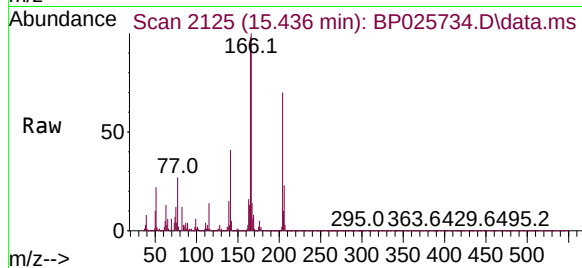
150 12.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 39.592 ng
RT: 15.436 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

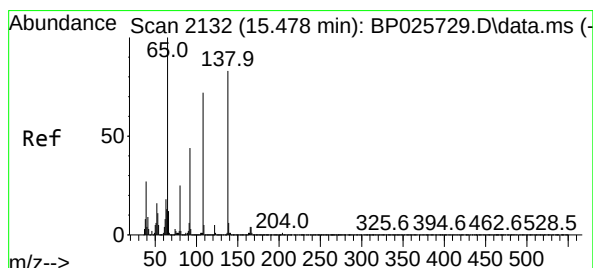
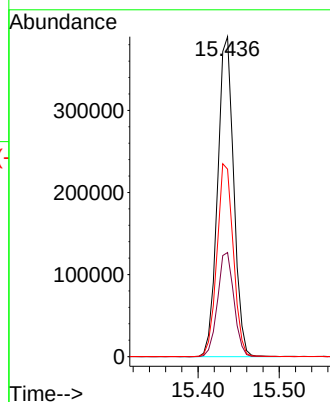
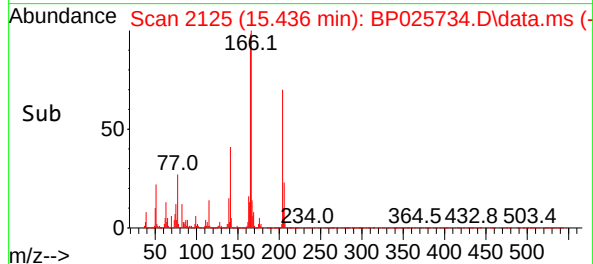
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion:204 Resp: 536069
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 58.6 49.7 74.5

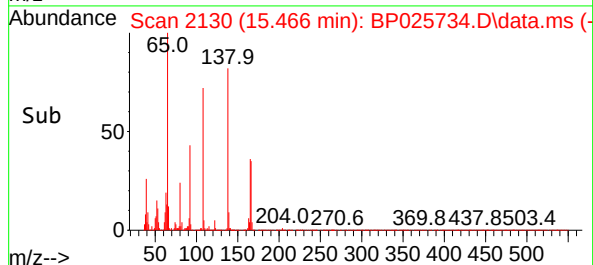
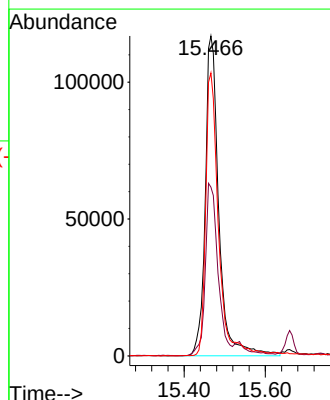
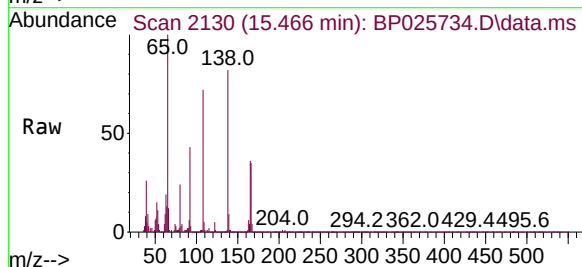
Manual Integrations
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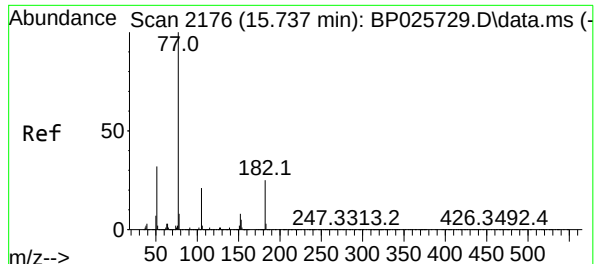
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#62
4-Nitroaniline
Concen: 41.707 ng
RT: 15.466 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

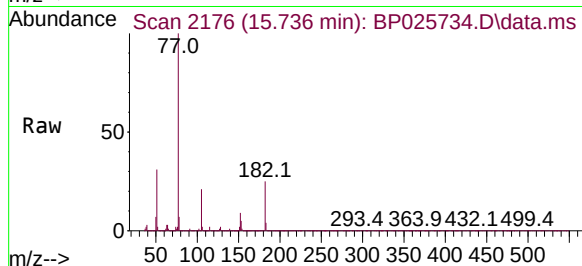
Tgt Ion:138 Resp: 272817
Ion Ratio Lower Upper
138 100
92 52.7 33.3 73.3
108 88.4 66.7 106.7





#63
Azobenzene
Concen: 39.657 ng
RT: 15.736 min Scan# 2176
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

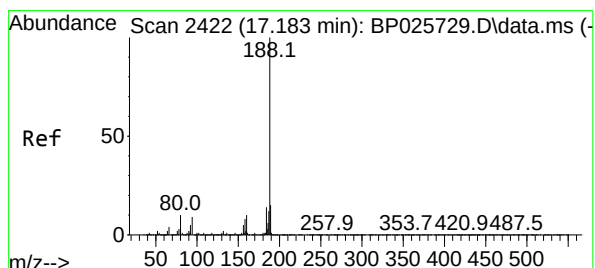
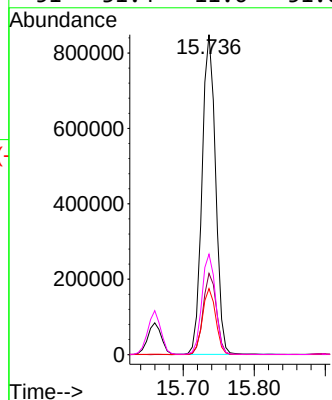
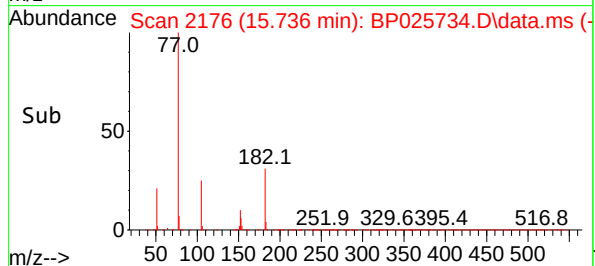
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion: 77 Resp: 111473
Ion Ratio Lower Upper
77 100
182 25.4 5.2 45.2
105 20.6 1.1 41.1
51 31.4 11.6 51.6

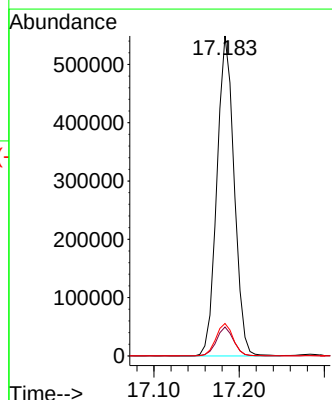
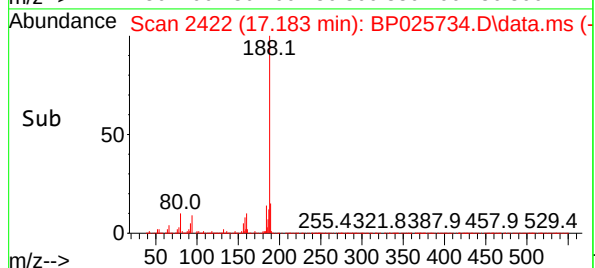
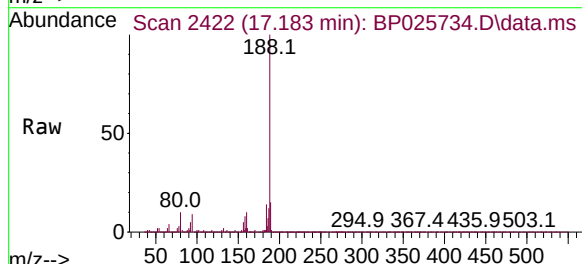
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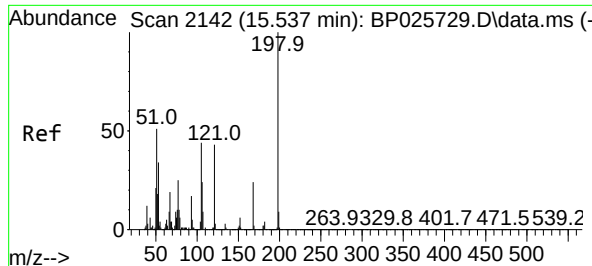
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:188 Resp: 771844
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.0
80 10.1 7.7 11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 39.916 ng

RT: 15.536 min Scan# 2142

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

Tgt Ion:198 Resp: 204888

Ion Ratio Lower Upper

198 100

51 50.3 33.4 73.4

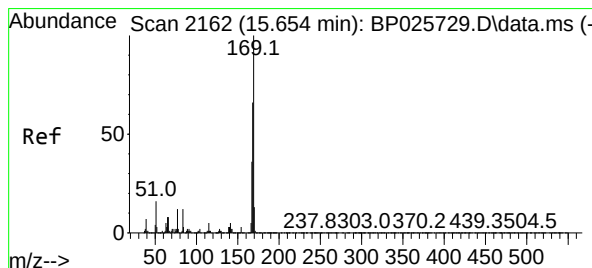
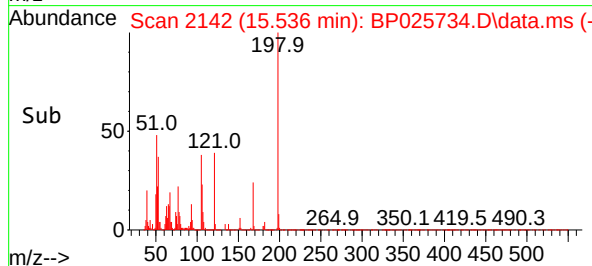
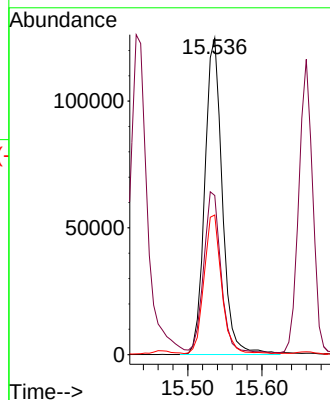
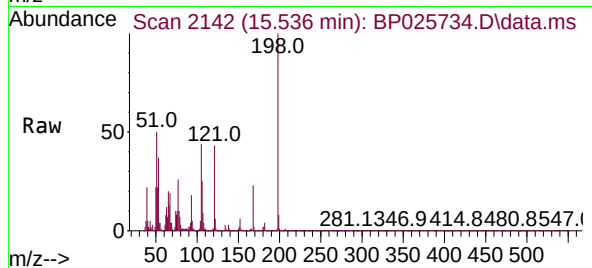
105 44.1 24.3 64.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#66

n-Nitrosodiphenylamine

Concen: 39.780 ng

RT: 15.660 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

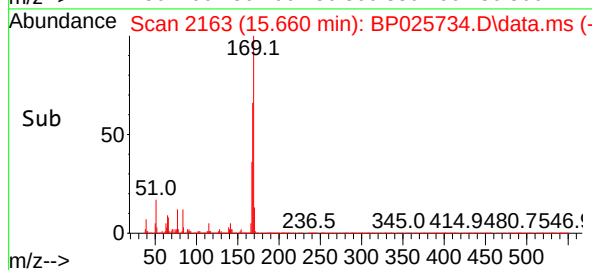
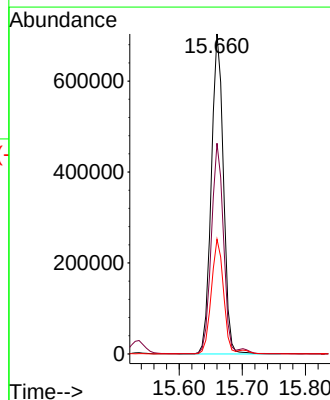
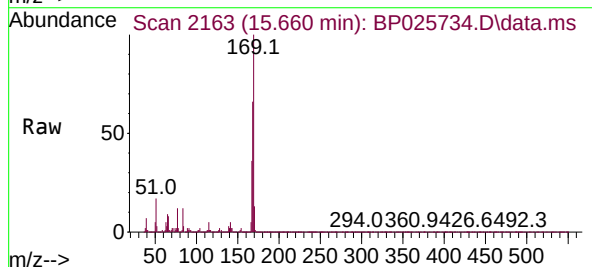
Tgt Ion:169 Resp: 939618

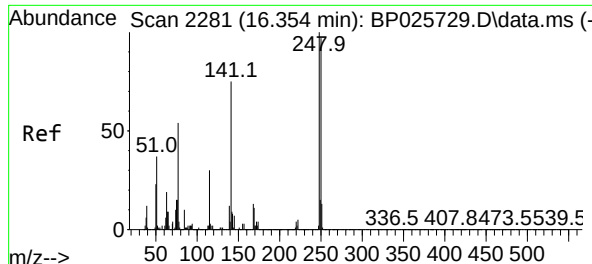
Ion Ratio Lower Upper

169 100

168 65.8 52.6 78.8

167 35.8 28.5 42.7





#67

4-Bromophenyl-phenylether

Concen: 40.075 ng

RT: 16.354 min Scan# 2281

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

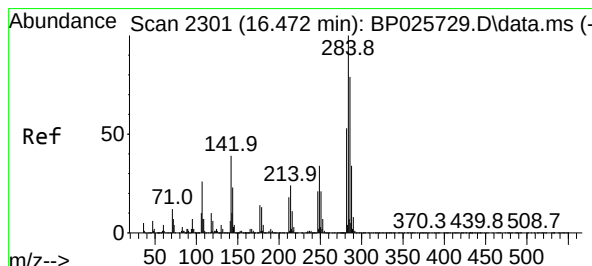
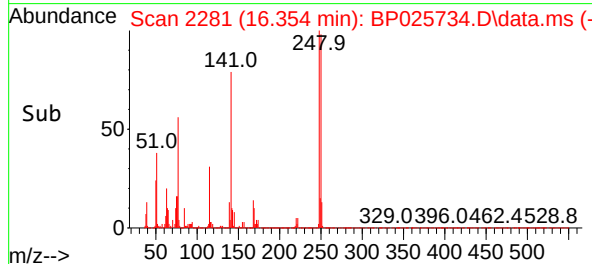
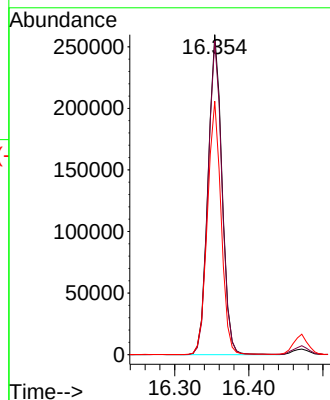
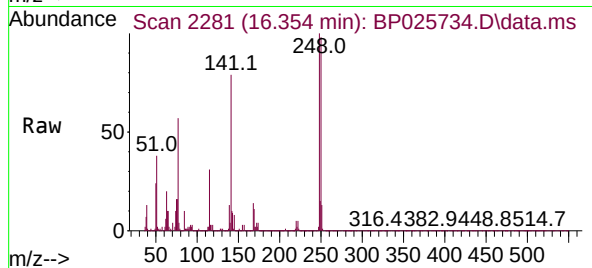
Tgt Ion:	248	Resp:	339813
Ion Ratio	Lower	Upper	
248	100		
250	98.0	77.5	116.3
141	79.2	60.2	90.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#68

Hexachlorobenzene

Concen: 39.667 ng

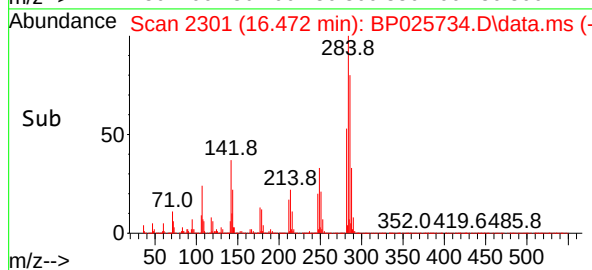
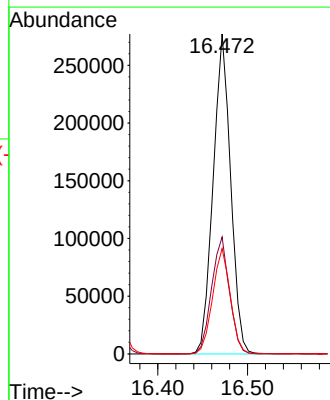
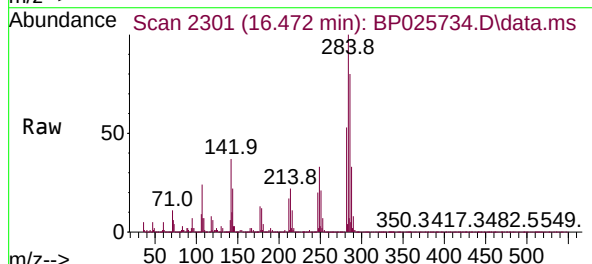
RT: 16.472 min Scan# 2301

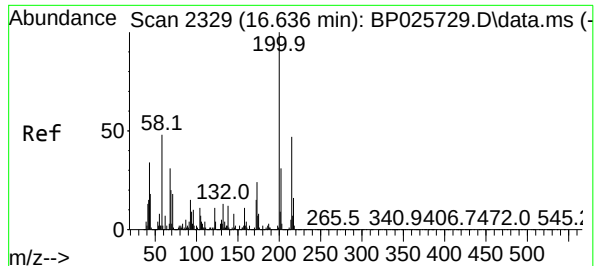
Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

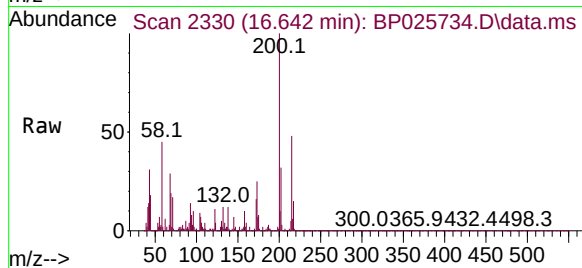
Tgt Ion:	284	Resp:	375085
Ion Ratio	Lower	Upper	
284	100		
142	36.5	31.3	46.9
249	32.9	27.3	40.9





#69
Atrazine
Concen: 40.399 ng
RT: 16.642 min Scan# 2330
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

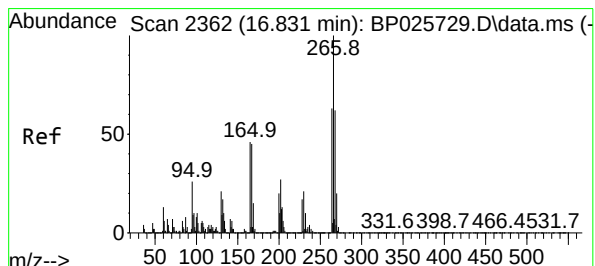
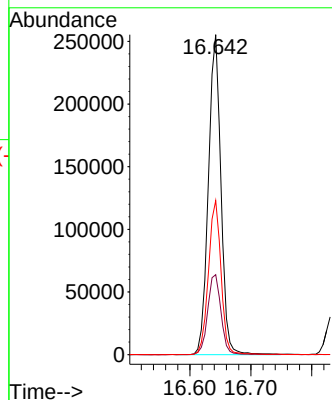
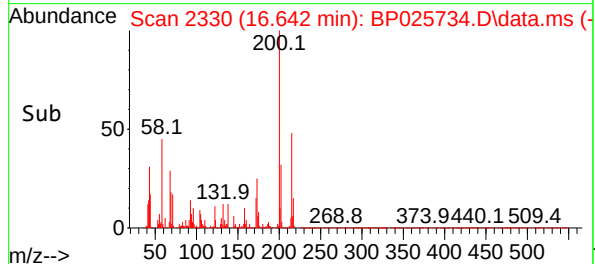
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion:200 Resp: 36475
Ion Ratio Lower Upper
200 100
173 25.0 4.2 44.2
215 48.1 27.3 67.3

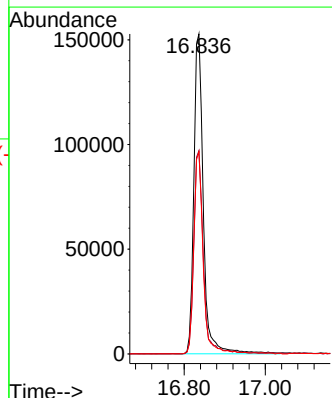
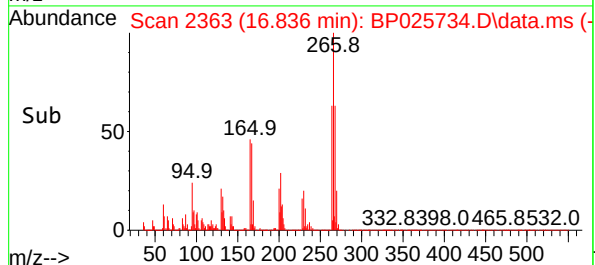
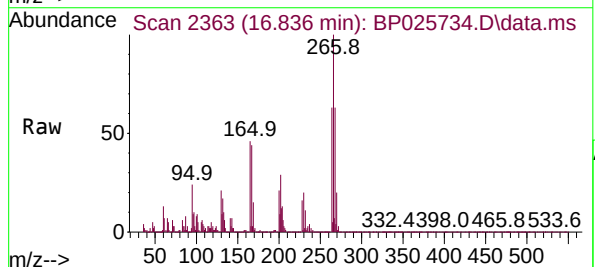
Manual Integrations
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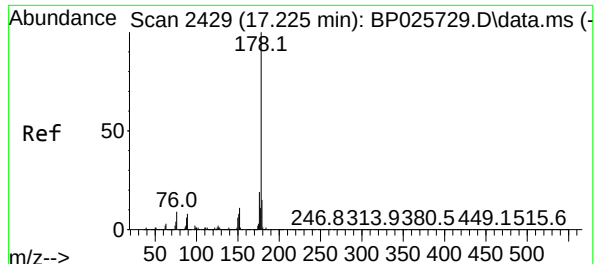
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#70
Pentachlorophenol
Concen: 39.784 ng
RT: 16.836 min Scan# 2363
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

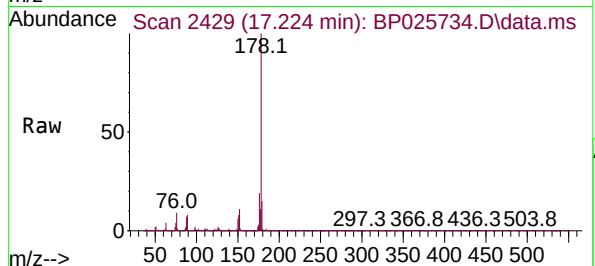
Tgt Ion:266 Resp: 248287
Ion Ratio Lower Upper
266 100
268 63.5 49.8 74.8
264 63.2 50.2 75.2





#71
Phenanthrene
Concen: 39.210 ng
RT: 17.224 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

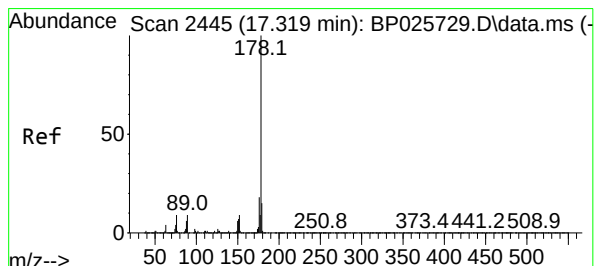
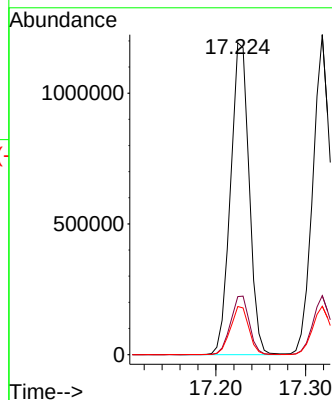
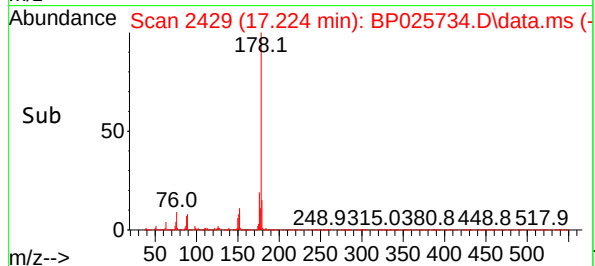
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



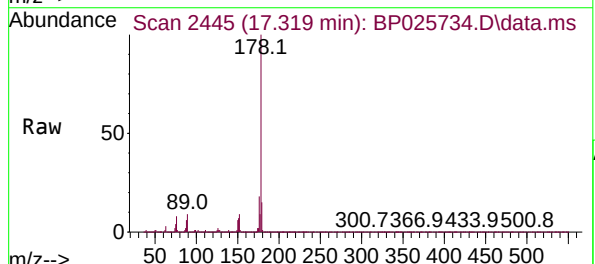
Tgt Ion:178 Resp: 1716732
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.5 12.2 18.4

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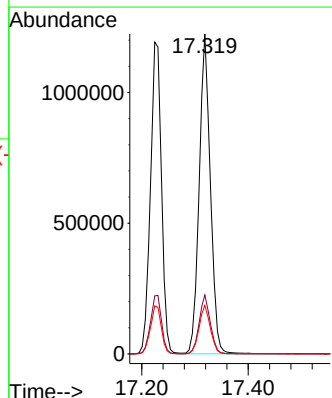
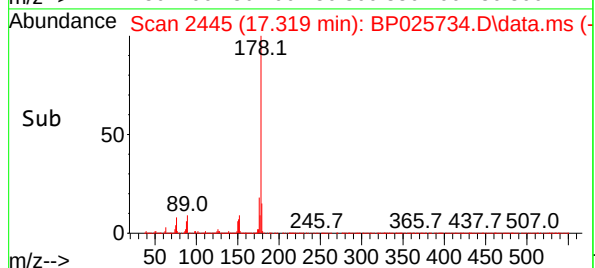
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

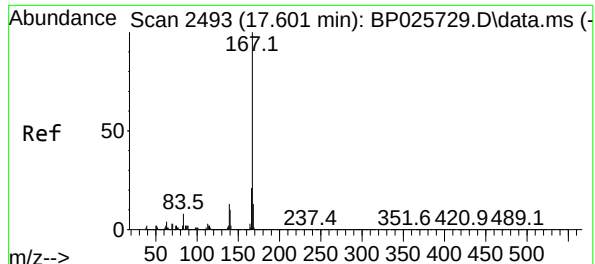


#72
Anthracene
Concen: 40.026 ng
RT: 17.319 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54



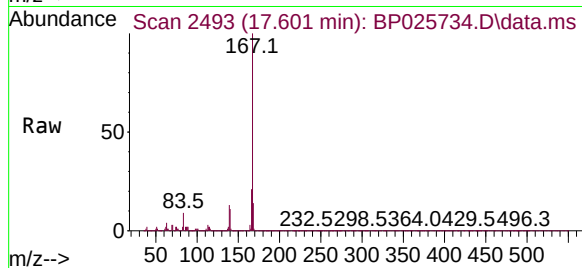
Tgt Ion:178 Resp: 1778123
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.1 12.2 18.4





#73
Carbazole
Concen: 39.095 ng
RT: 17.601 min Scan# 2493
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

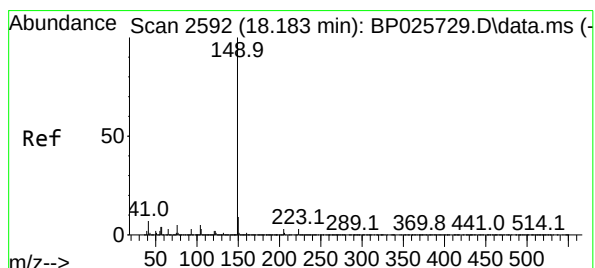
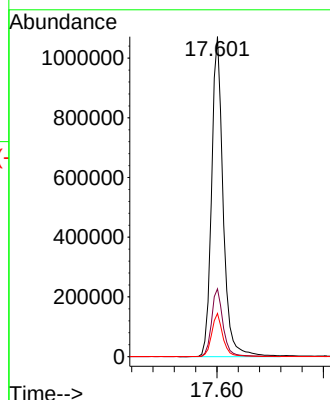
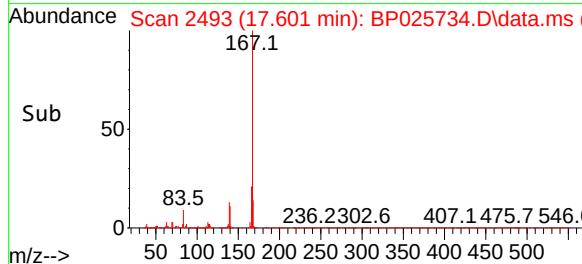
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion:167 Resp: 161464
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.4
139 13.5 10.6 16.0

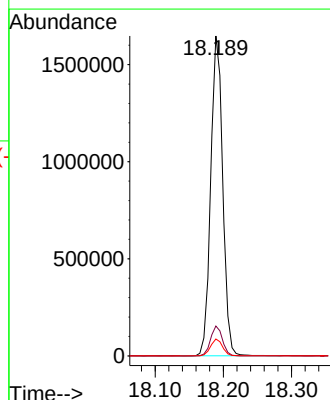
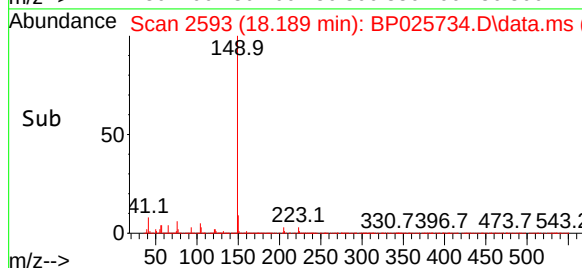
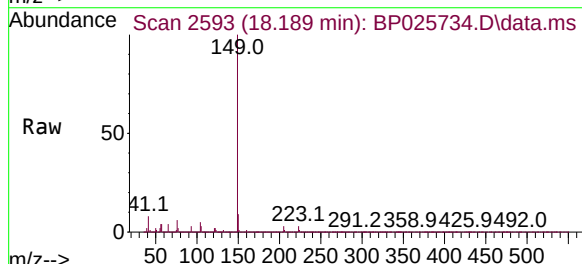
Manual Integrations
APPROVED

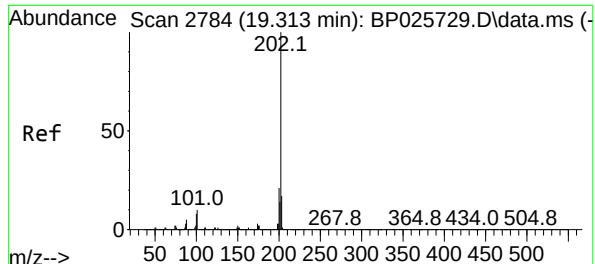
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#74
Di-n-butylphthalate
Concen: 39.763 ng
RT: 18.189 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:149 Resp: 2015320
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.3 4.3 6.5





#75
Fluoranthene
Concen: 38.475 ng
RT: 19.324 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

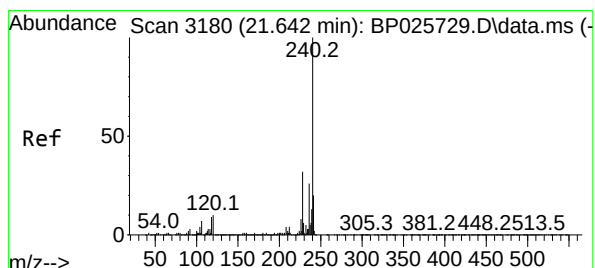
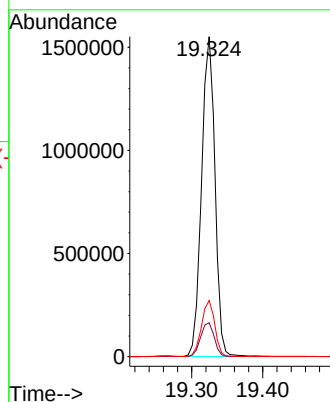
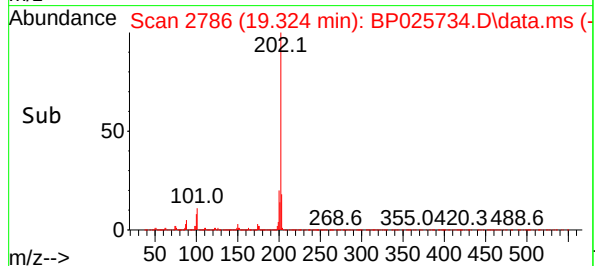
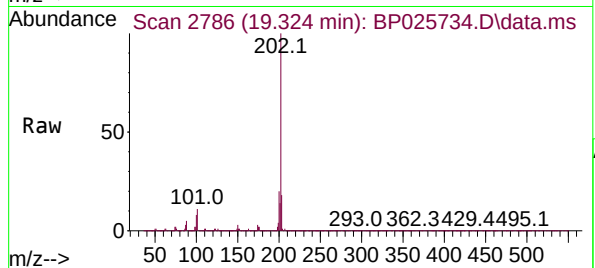
ICVBP091225

Tgt Ion:202 Resp: 2020319
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.4
203 17.6 0.0 37.4

Manual Integrations

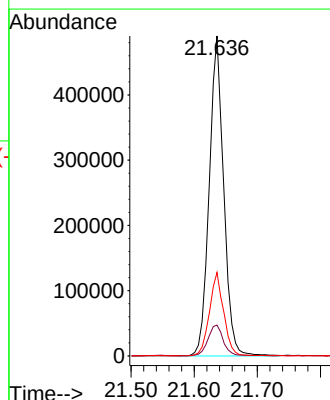
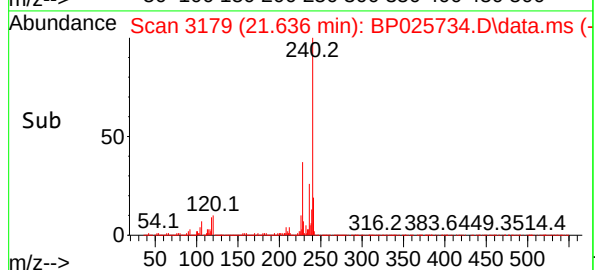
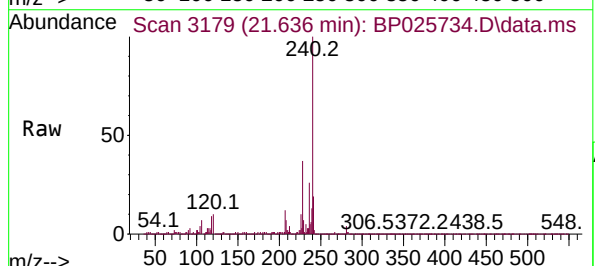
APPROVED

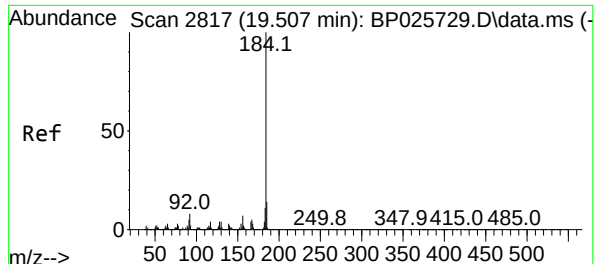
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:240 Resp: 780297
Ion Ratio Lower Upper
240 100
120 9.6 8.0 12.0
236 26.1 20.7 31.1





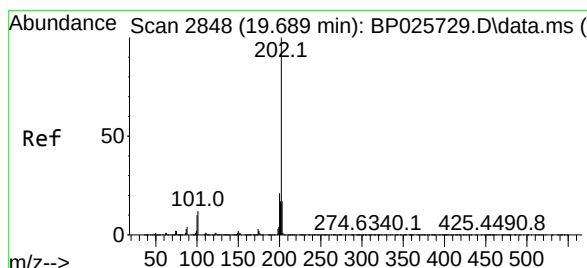
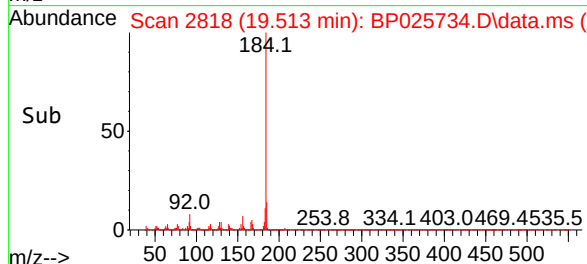
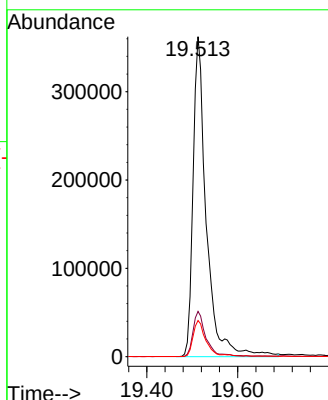
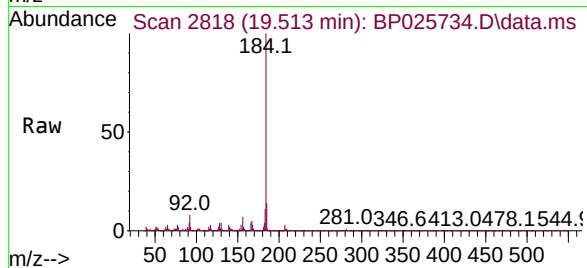
#77
Benzidine
Concen: 32.730 ng m
RT: 19.513 min Scan# 2818
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Tgt Ion:184 Resp: 735659
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.3 9.2 13.8

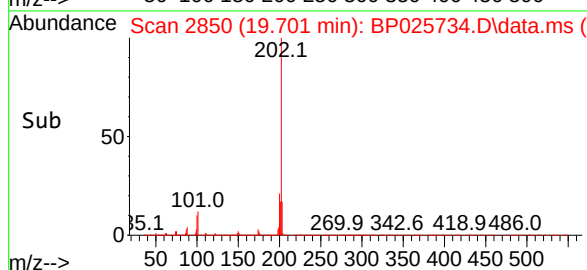
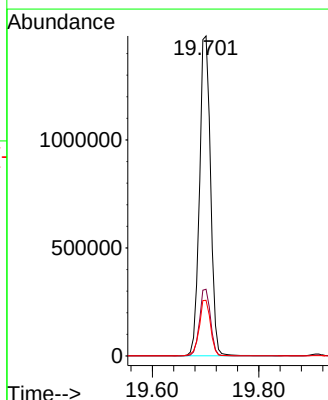
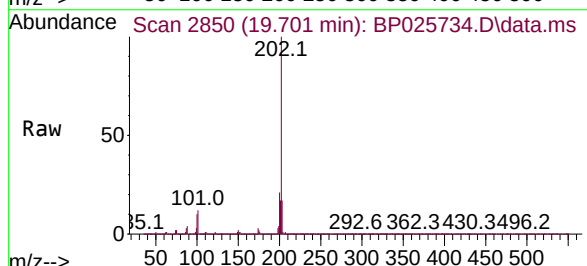
Manual Integrations
APPROVED

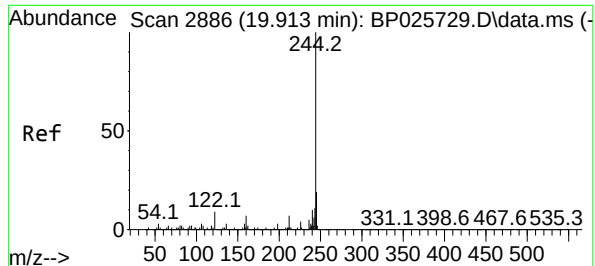
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#78
Pyrene
Concen: 40.759 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:202 Resp: 2122125
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.6
203 17.4 13.9 20.9





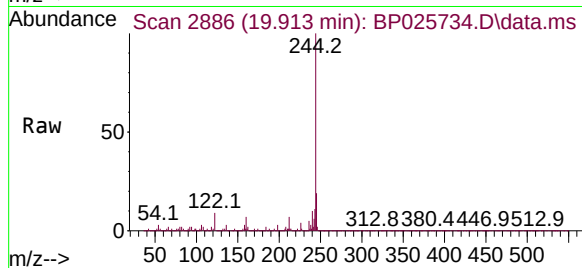
#79
Terphenyl-d14
Concen: 70.424 ng
RT: 19.913 min Scan# 2886
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

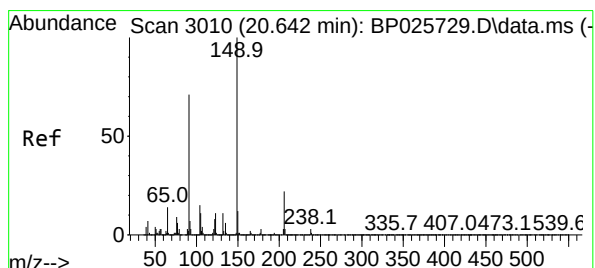
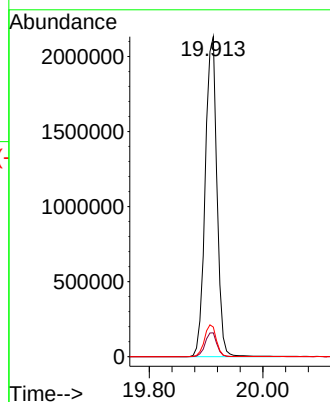
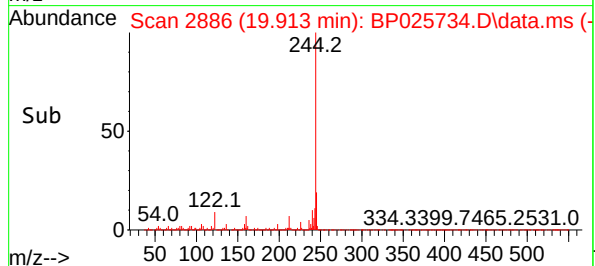


Tgt Ion:244 Resp: 3054578
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 9.2 7.1 10.7

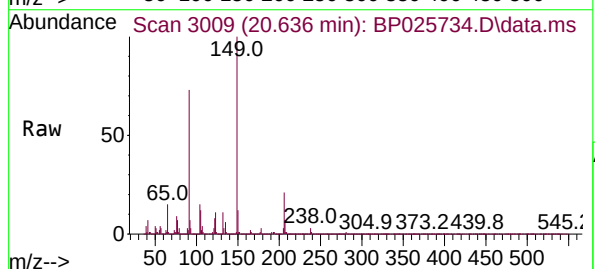
Manual Integrations

APPROVED

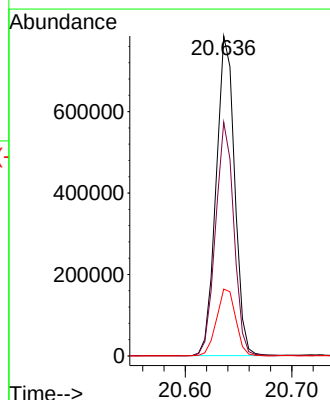
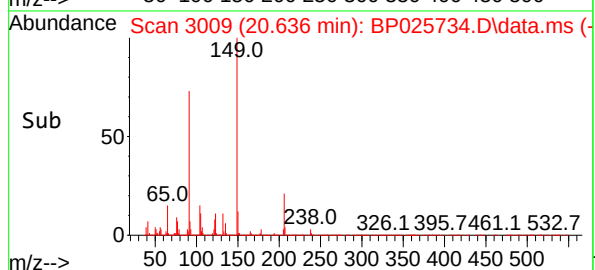
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

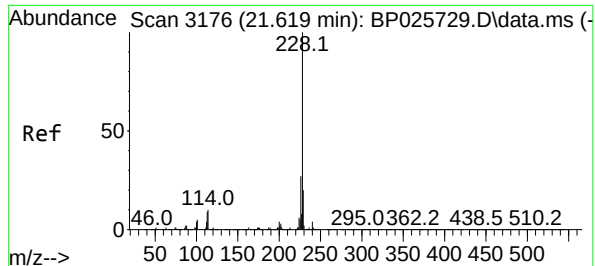


#80
Butylbenzylphthalate
Concen: 41.644 ng
RT: 20.636 min Scan# 3009
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54



Tgt Ion:149 Resp: 950670
Ion Ratio Lower Upper
149 100
91 73.0 56.6 85.0
206 20.9 17.4 26.0





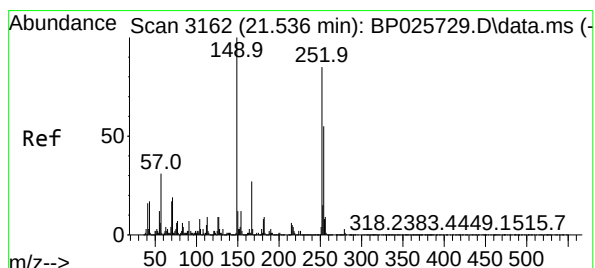
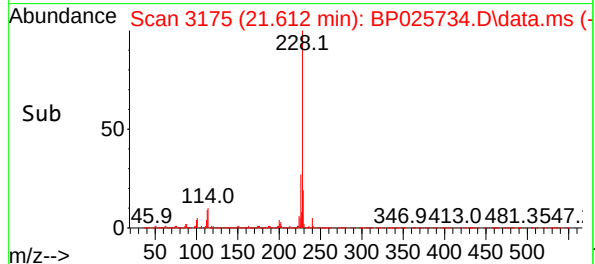
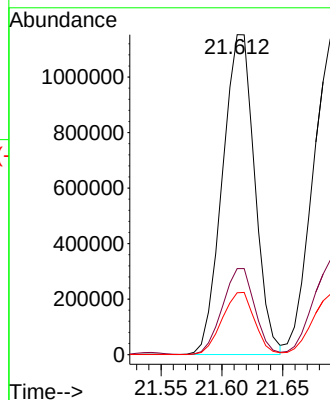
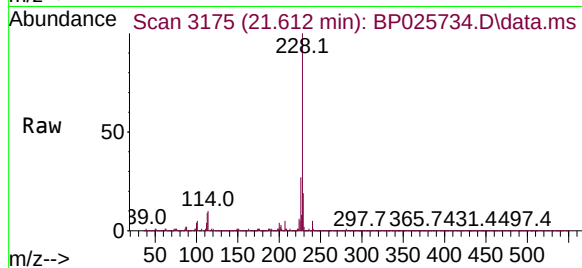
#81
Benzo(a)anthracene
Concen: 39.832 ng
RT: 21.612 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Tgt Ion:228 Resp: 2127849
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 19.3 15.7 23.5

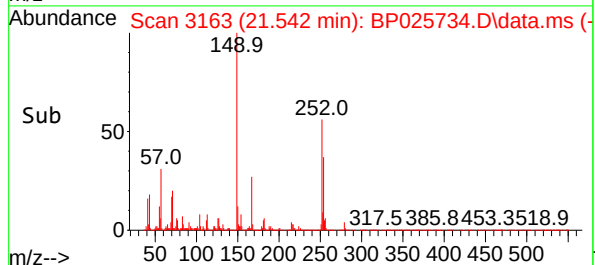
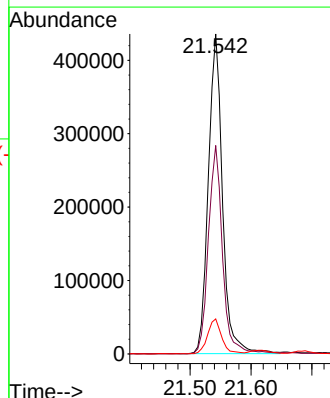
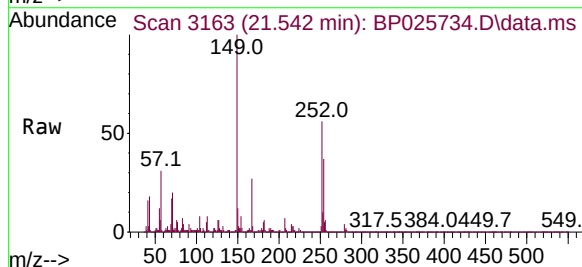
Manual Integrations
APPROVED

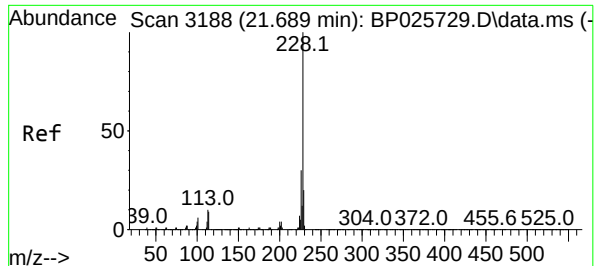
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#82
3,3'-Dichlorobenzidine
Concen: 38.168 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

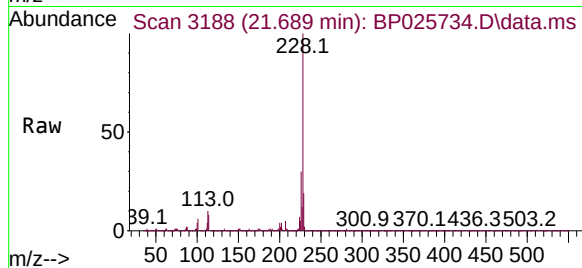
Tgt Ion:252 Resp: 705014
Ion Ratio Lower Upper
252 100
254 65.1 51.4 77.0
126 10.9 8.3 12.5





#83
Chrysene
Concen: 40.103 ng
RT: 21.689 min Scan# 3188
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

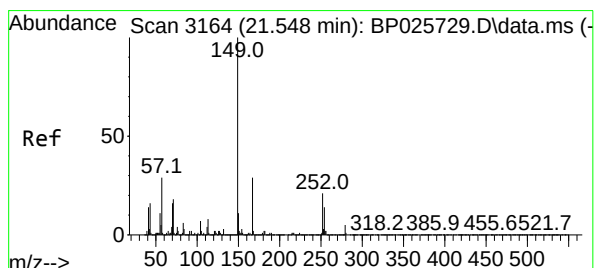
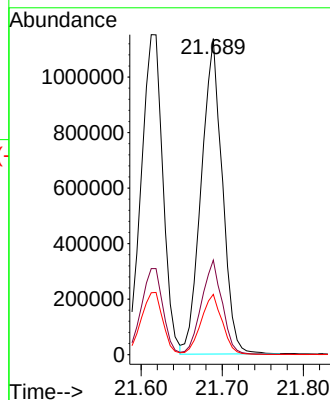
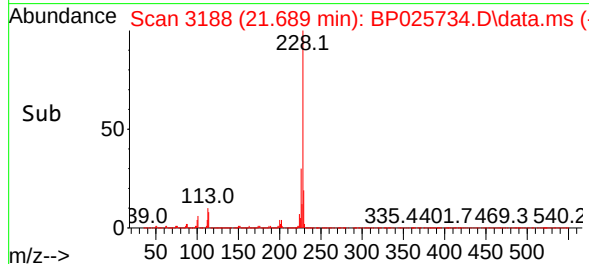
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion:228 Resp: 2042185
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.6
229 19.1 15.6 23.4

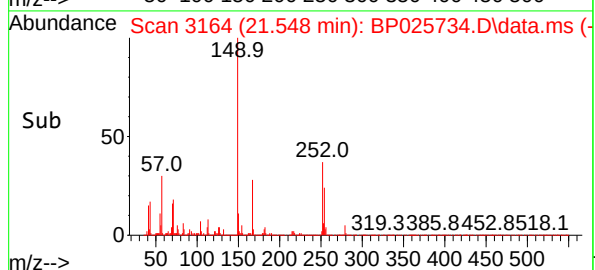
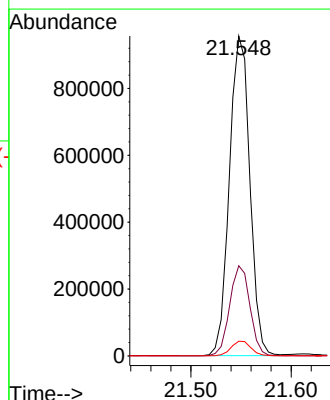
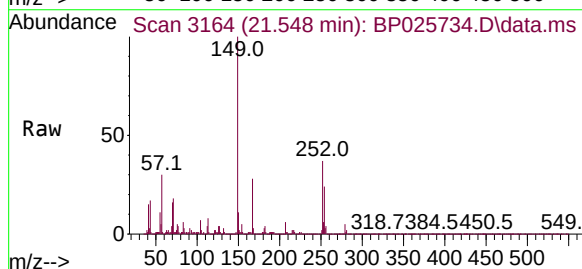
Manual Integrations
APPROVED

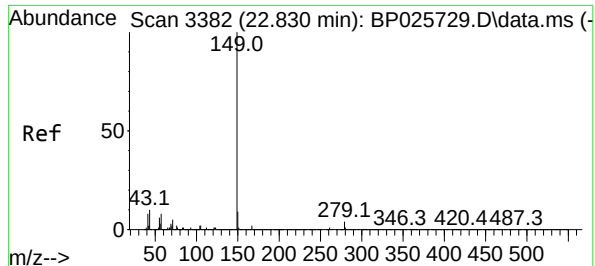
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.547 ng
RT: 21.548 min Scan# 3164
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

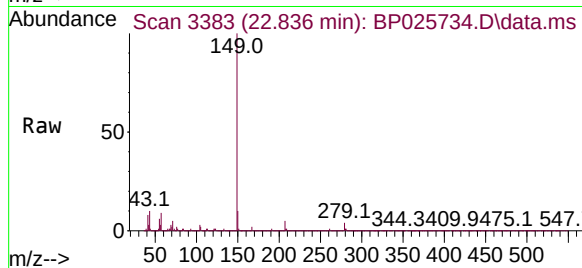
Tgt Ion:149 Resp: 1354255
Ion Ratio Lower Upper
149 100
167 28.2 22.9 34.3
279 4.6 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 39.973 ng
RT: 22.836 min Scan# 3382
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

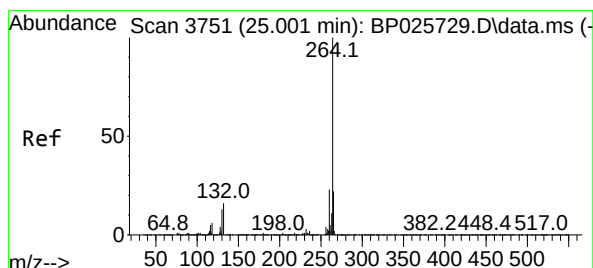
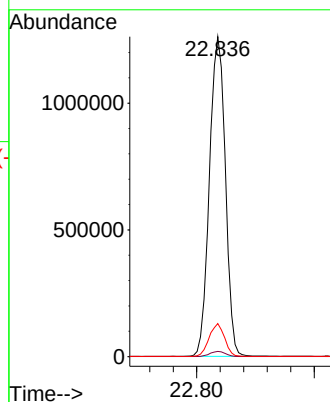
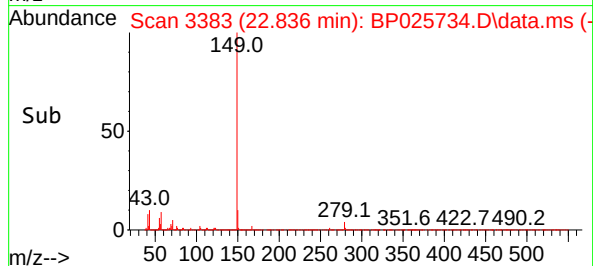
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion:149 Resp: 2374831
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.0 8.0 12.0

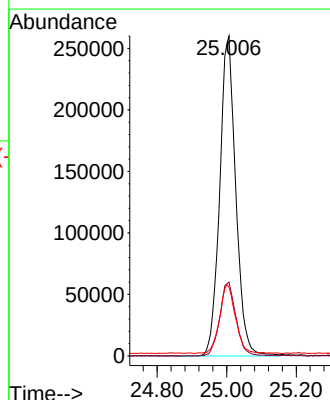
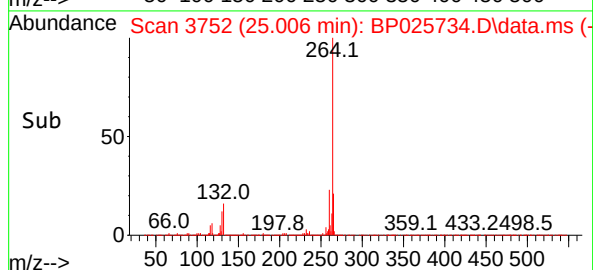
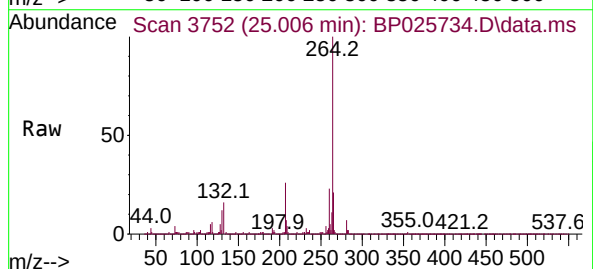
Manual Integrations
APPROVED

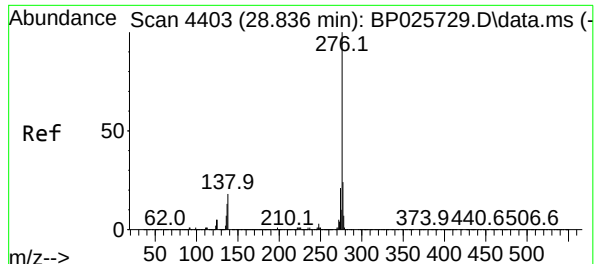
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.006 min Scan# 3752
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

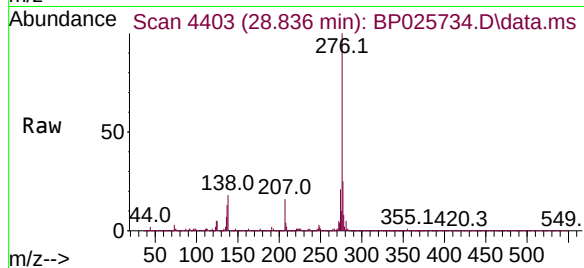
Tgt Ion:264 Resp: 833580
Ion Ratio Lower Upper
264 100
260 23.1 18.3 27.5
265 21.5 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.180 ng
RT: 28.836 min Scan# 4403
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

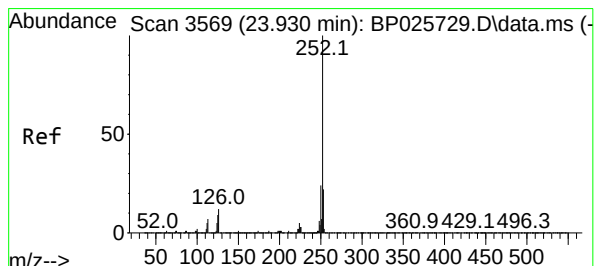
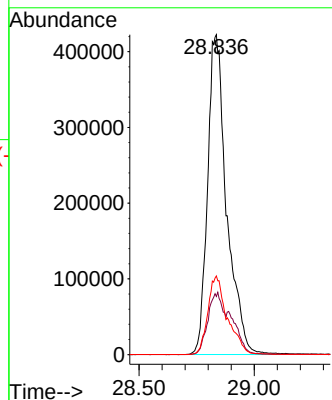
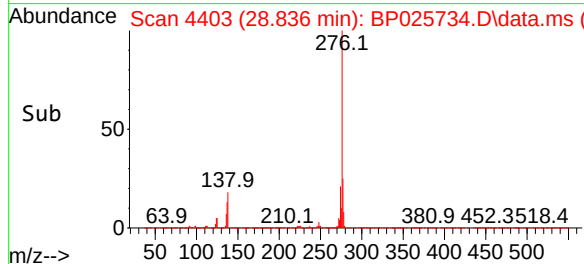
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion: 276 Resp: 2435714
Ion Ratio Lower Upper
276 100
138 15.7 13.4 20.2
277 25.1 9.1 13.7

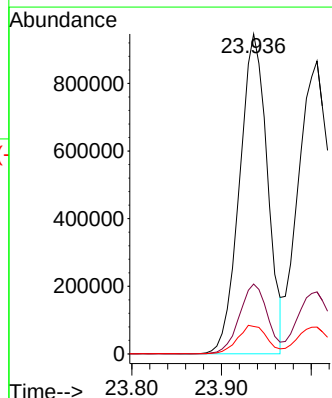
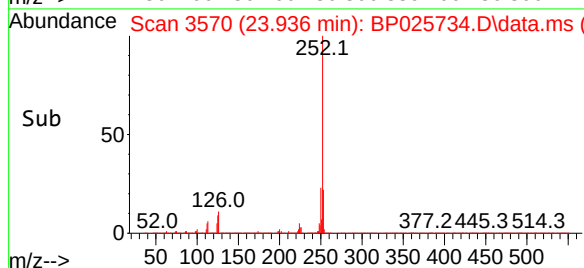
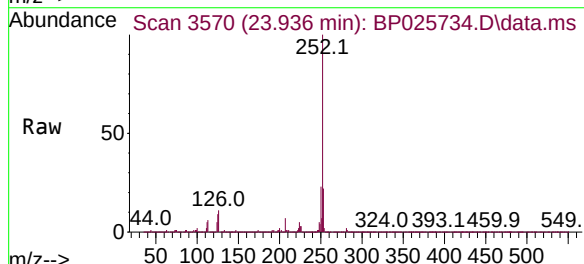
Manual Integrations
APPROVED

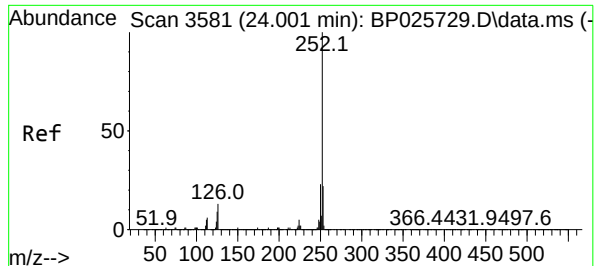
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#88
Benzo(b)fluoranthene
Concen: 39.991 ng
RT: 23.936 min Scan# 3570
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 252 Resp: 2038540
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 8.6 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 41.447 ng

RT: 24.006 min Scan# 3581

Delta R.T. 0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

Tgt Ion:252 Resp: 2155908

Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

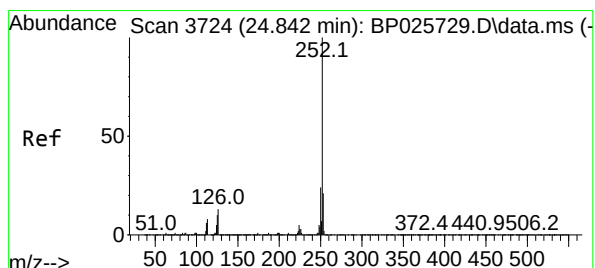
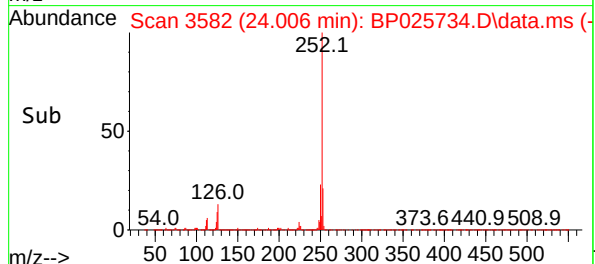
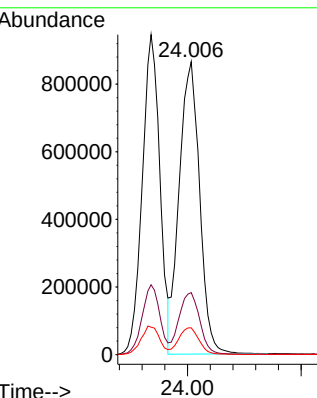
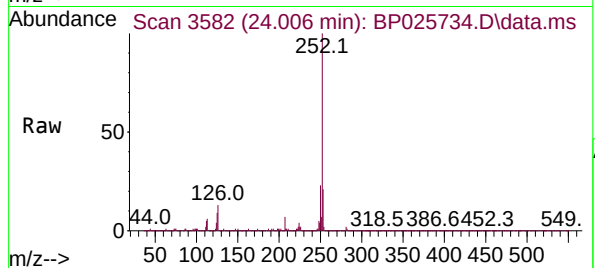
125 9.2 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#90

Benzo(a)pyrene

Concen: 39.834 ng

RT: 24.842 min Scan# 3724

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

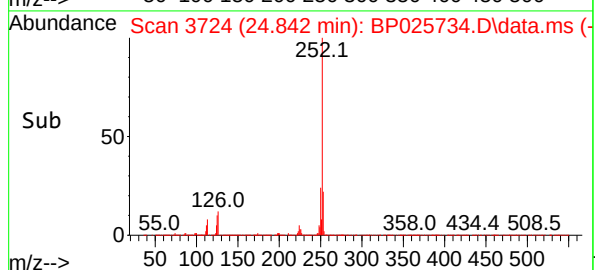
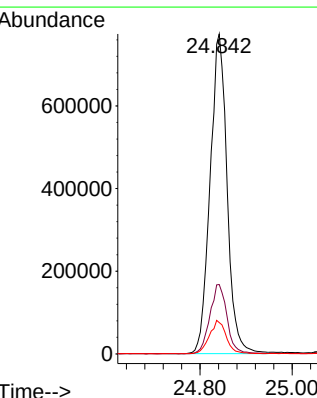
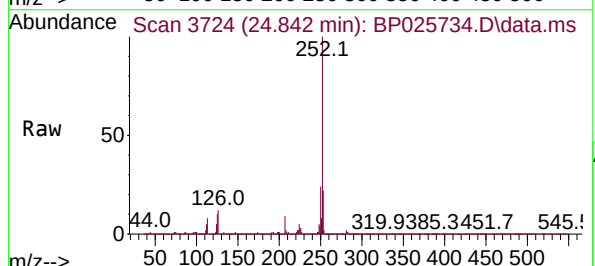
Tgt Ion:252 Resp: 1988484

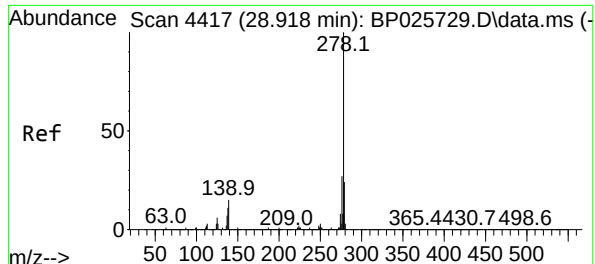
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

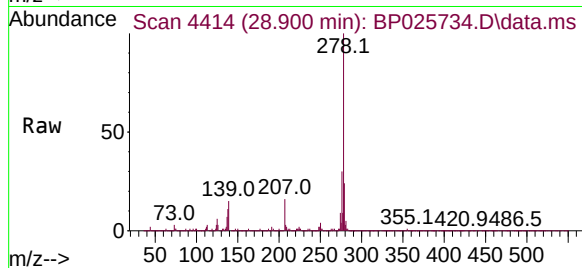
125 9.8 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 40.748 ng
RT: 28.900 min Scan# 4417
Delta R.T. -0.018 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

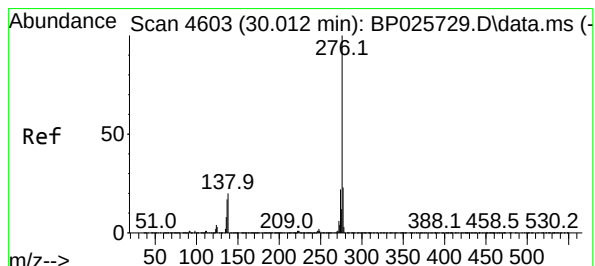
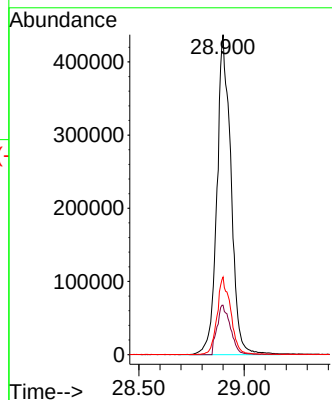
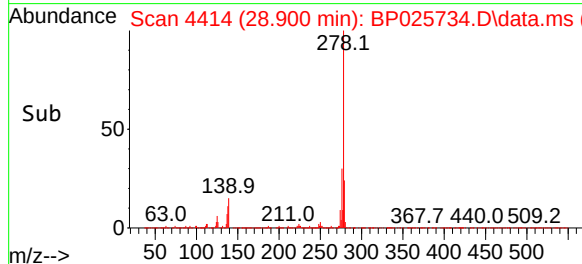
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion: 278 Resp: 2021392
Ion Ratio Lower Upper
278 100
139 15.4 12.1 18.1
279 24.2 19.6 29.4

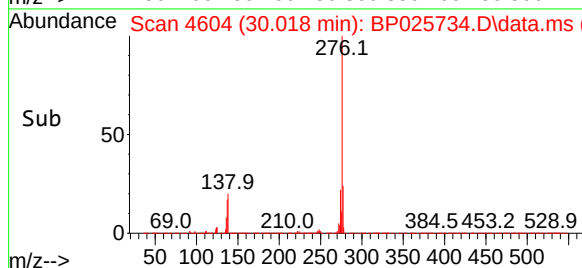
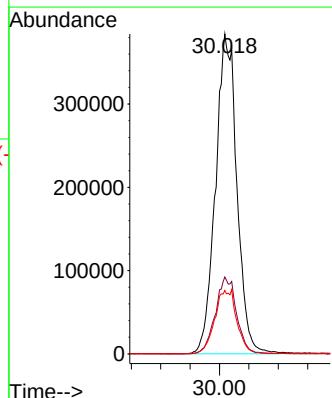
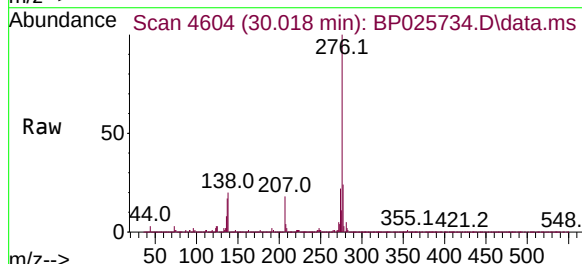
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#92
Benzo(g,h,i)perylene
Concen: 39.644 ng
RT: 30.018 min Scan# 4604
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 276 Resp: 1934037
Ion Ratio Lower Upper
276 100
277 24.0 18.7 28.1
138 19.8 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025734.D
 Acq On : 11 Sep 2025 16:54
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP091225

Quant Time: Sep 11 17:15:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 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	86	0.00
2	1,4-Dioxane	0.520	0.492	5.4	77	0.00
3	Pyridine	1.432	1.426	0.4	78	0.00
4	n-Nitrosodimethylamine	0.676	0.668	1.2	80	0.00
5 S	2-Fluorophenol	1.240	1.211	2.3	76	-0.01
6	Aniline	2.262	2.343	-3.6	80	-0.01
7 S	Phenol-d6	1.648	1.642	0.4	76	-0.01
8	2-Chlorophenol	1.360	1.398	-2.8	80	-0.01
9	Benzaldehyde	0.987	1.046	-6.0	103	0.00
10 C	Phenol	1.737	1.796	-3.4	79	0.00
11	bis(2-Chloroethyl)ether	1.396	1.427	-2.2	79	0.00
12	1,3-Dichlorobenzene	1.548	1.565	-1.1	80	0.00
13 C	1,4-Dichlorobenzene	1.576	1.591	-1.0	81	0.00
14	1,2-Dichlorobenzene	1.531	1.530	0.1	80	0.00
15	Benzyl Alcohol	1.361	1.409	-3.5	80	-0.01
16	2,2'-oxybis(1-Chloropropane	2.282	2.343	-2.7	81	-0.01
17	2-Methylphenol	1.171	1.236	-5.6	80	0.00
18	Hexachloroethane	0.602	0.610	-1.3	81	0.00
19 P	n-Nitroso-di-n-propylamine	1.149	1.257	-9.4	82	0.00
20	3+4-Methylphenols	1.640	1.686	-2.8	80	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	87	0.00
22	Acetophenone	0.534	0.549	-2.8	81	0.00
23 S	Nitrobenzene-d5	0.453	0.391	13.7	69	0.00
24	Nitrobenzene	0.407	0.412	-1.2	80	-0.01
25	Isophorone	0.797	0.808	-1.4	82	0.00
26 C	2-Nitrophenol	0.181	0.190	-5.0	81	0.00
27	2,4-Dimethylphenol	0.317	0.329	-3.8	80	0.00
28	bis(2-Chloroethoxy)methane	0.461	0.472	-2.4	82	-0.01
29 C	2,4-Dichlorophenol	0.316	0.327	-3.5	81	0.00
30	1,2,4-Trichlorobenzene	0.356	0.352	1.1	81	0.00
31	Naphthalene	1.078	1.068	0.9	81	0.00
32	Benzoic acid	0.236	0.243	-3.0	81	-0.01
33	4-Chloroaniline	0.449	0.476	-6.0	81	0.00
34 C	Hexachlorobutadiene	0.229	0.224	2.2	81	0.00
35	Caprolactam	0.122	0.121	0.8	80	0.00
36 C	4-Chloro-3-methylphenol	0.377	0.386	-2.4	81	0.00
37	2-Methylnaphthalene	0.693	0.700	-1.0	81	0.00
38	1-Methylnaphthalene	0.739	0.749	-1.4	81	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	90	0.00
40	1,2,4,5-Tetrachlorobenzene	0.606	0.607	-0.2	83	0.00
41 P	Hexachlorocyclopentadiene	0.330	0.334	-1.2	79	0.00
42 S	2,4,6-Tribromophenol	0.249	0.239	4.0	78	-0.01
43 C	2,4,6-Trichlorophenol	0.398	0.415	-4.3	84	0.00
44	2,4,5-Trichlorophenol	0.443	0.447	-0.9	80	0.00
45 S	2-Fluorobiphenyl	1.502	1.297	13.6	73	0.00
46	1,1'-Biphenyl	1.468	1.493	-1.7	84	0.00
47	2-Chloronaphthalene	1.156	1.132	2.1	82	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025734.D
 Acq On : 11 Sep 2025 16:54
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP091225

Quant Time: Sep 11 17:15:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 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	0.385	0.395	-2.6	81	0.00
49	Acenaphthylene	1.915	1.907	0.4	83	0.00
50	Dimethylphthalate	1.527	1.507	1.3	82	0.00
51	2,6-Dinitrotoluene	0.324	0.326	-0.6	82	0.00
52 C	Acenaphthene	1.104	1.077	2.4	81	0.00
53	3-Nitroaniline	0.340	0.347	-2.1	79	0.00
54 P	2,4-Dinitrophenol	0.183	0.186	-1.6	80	0.00
55	Dibenzofuran	1.800	1.771	1.6	83	0.00
56 P	4-Nitrophenol	0.258	0.257	0.4	75	0.00
57	2,4-Dinitrotoluene	0.460	0.471	-2.4	81	0.00
58	Fluorene	1.431	1.390	2.9	81	-0.01
59	2,3,4,6-Tetrachlorophenol	0.399	0.397	0.5	80	0.00
60	Diethylphthalate	1.549	1.550	-0.1	85	0.00
61	4-Chlorophenyl-phenylether	0.721	0.714	1.0	83	0.00
62	4-Nitroaniline	0.349	0.363	-4.0	81	-0.01
63	Azobenzene	1.498	1.485	0.9	81	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	89	0.00
65	4,6-Dinitro-2-methylphenol	0.133	0.133	0.0	78	0.00
66 c	n-Nitrosodiphenylamine	0.612	0.609	0.5	81	0.00
67	4-Bromophenyl-phenylether	0.220	0.220	0.0	82	0.00
68	Hexachlorobenzene	0.245	0.243	0.8	83	0.00
69	Atrazine	0.234	0.236	-0.9	81	0.00
70 C	Pentachlorophenol	0.162	0.161	0.6	80	0.00
71	Phenanthrene	1.135	1.112	2.0	81	0.00
72	Anthracene	1.151	1.152	-0.1	83	0.00
73	Carbazole	1.070	1.046	2.2	79	0.00
74	Di-n-butylphthalate	1.313	1.306	0.5	81	0.00
75 C	Fluoranthene	1.361	1.309	3.8	80	0.01
76 I	Chrysene-d12	1.000	1.000	0.0	84	0.00
77	Benzidine	0.576	0.471	18.2	61	0.00
78	Pyrene	1.335	1.360	-1.9	80	0.01
79 S	Terphenyl-d14	1.112	0.979	12.0	70	0.00
80	Butylbenzylphthalate	0.585	0.609	-4.1	79	0.00
81	Benzo(a)anthracene	1.369	1.363	0.4	79	0.00
82	3,3'-Dichlorobenzidine	0.473	0.452	4.4	73	0.00
83	Chrysene	1.305	1.309	-0.3	80	0.00
84	Bis(2-ethylhexyl)phthalate	0.856	0.868	-1.4	77	0.00
85 c	Di-n-octyl phthalate	1.523	1.522	0.1	77	0.00
86 I	Perylene-d12	1.000	1.000	0.0	83	0.00
87	Indeno(1,2,3-cd)pyrene	1.454	1.461	-0.5	76	0.00
88	Benzo(b)fluoranthene	1.223	1.223	0.0	76	0.00
89	Benzo(k)fluoranthene	1.248	1.293	-3.6	80	0.00
90 C	Benzo(a)pyrene	1.198	1.193	0.4	76	0.00
91	Dibenzo(a,h)anthracene	1.190	1.212	-1.8	78	-0.02
92	Benzo(g,h,i)perylene	1.170	1.160	0.9	76	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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\BP091225\
 Data File : BP025734.D
 Acq On : 11 Sep 2025 16:54
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 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	86	0.00
2	1,4-Dioxane	40.000	37.832	5.4	77	0.00
3	Pyridine	40.000	39.824	0.4	78	0.00
4	n-Nitrosodimethylamine	40.000	39.520	1.2	80	0.00
5 S	2-Fluorophenol	80.000	78.179	2.3	76	-0.01
6	Aniline	40.000	41.441	-3.6	80	-0.01
7 S	Phenol-d6	80.000	79.719	0.4	76	-0.01
8	2-Chlorophenol	40.000	41.125	-2.8	80	-0.01
9	Benzaldehyde	40.000	42.354	-5.9	103	0.00
10 C	Phenol	40.000	41.357	-3.4	79	0.00
11	bis(2-Chloroethyl)ether	40.000	40.910	-2.3	79	0.00
12	1,3-Dichlorobenzene	40.000	40.451	-1.1	80	0.00
13 C	1,4-Dichlorobenzene	40.000	40.380	-1.0	81	0.00
14	1,2-Dichlorobenzene	40.000	39.971	0.1	80	0.00
15	Benzyl Alcohol	40.000	41.411	-3.5	80	-0.01
16	2,2'-oxybis(1-Chloropropane	40.000	41.060	-2.7	81	-0.01
17	2-Methylphenol	40.000	42.200	-5.5	80	0.00
18	Hexachloroethane	40.000	40.508	-1.3	81	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	43.761	-9.4	82	0.00
20	3+4-Methylphenols	40.000	41.117	-2.8	80	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	87	0.00
22	Acetophenone	40.000	41.077	-2.7	81	0.00
23 S	Nitrobenzene-d5	80.000	69.063	13.7	69	0.00
24	Nitrobenzene	40.000	40.477	-1.2	80	-0.01
25	Isophorone	40.000	40.570	-1.4	82	0.00
26 C	2-Nitrophenol	40.000	42.019	-5.0	81	0.00
27	2,4-Dimethylphenol	40.000	41.566	-3.9	80	0.00
28	bis(2-Chloroethoxy)methane	40.000	40.986	-2.5	82	-0.01
29 C	2,4-Dichlorophenol	40.000	41.410	-3.5	81	0.00
30	1,2,4-Trichlorobenzene	40.000	39.530	1.2	81	0.00
31	Naphthalene	40.000	39.618	1.0	81	0.00
32	Benzoic acid	40.000	41.287	-3.2	81	-0.01
33	4-Chloroaniline	40.000	42.370	-5.9	81	0.00
34 C	Hexachlorobutadiene	40.000	39.159	2.1	81	0.00
35	Caprolactam	40.000	39.662	0.8	80	0.00
36 C	4-Chloro-3-methylphenol	40.000	40.986	-2.5	81	0.00
37	2-Methylnaphthalene	40.000	40.396	-1.0	81	0.00
38	1-Methylnaphthalene	40.000	40.566	-1.4	81	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	90	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.058	-0.1	83	0.00
41 P	Hexachlorocyclopentadiene	40.000	40.525	-1.3	79	0.00
42 S	2,4,6-Tribromophenol	80.000	76.715	4.1	78	-0.01
43 C	2,4,6-Trichlorophenol	40.000	41.695	-4.2	84	0.00
44	2,4,5-Trichlorophenol	40.000	40.344	-0.9	80	0.00
45 S	2-Fluorobiphenyl	80.000	69.102	13.6	73	0.00
46	1,1'-Biphenyl	40.000	40.692	-1.7	84	0.00
47	2-Chloronaphthalene	40.000	39.167	2.1	82	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025734.D
 Acq On : 11 Sep 2025 16:54
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP091225

Quant Time: Sep 11 17:15:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	41.012	-2.5	81	0.00
49	Acenaphthylene	40.000	39.820	0.4	83	0.00
50	Dimethylphthalate	40.000	39.480	1.3	82	0.00
51	2,6-Dinitrotoluene	40.000	40.363	-0.9	82	0.00
52 C	Acenaphthene	40.000	39.008	2.5	81	0.00
53	3-Nitroaniline	40.000	40.770	-1.9	79	0.00
54 P	2,4-Dinitrophenol	40.000	38.055	4.9	80	0.00
55	Dibenzofuran	40.000	39.353	1.6	83	0.00
56 P	4-Nitrophenol	40.000	37.582	6.0	75	0.00
57	2,4-Dinitrotoluene	40.000	40.928	-2.3	81	0.00
58	Fluorene	40.000	38.831	2.9	81	-0.01
59	2,3,4,6-Tetrachlorophenol	40.000	39.712	0.7	80	0.00
60	Diethylphthalate	40.000	40.039	-0.1	85	0.00
61	4-Chlorophenyl-phenylether	40.000	39.592	1.0	83	0.00
62	4-Nitroaniline	40.000	41.707	-4.3	81	-0.01
63	Azobenzene	40.000	39.657	0.9	81	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	89	0.00
65	4,6-Dinitro-2-methylphenol	40.000	39.916	0.2	78	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.780	0.5	81	0.00
67	4-Bromophenyl-phenylether	40.000	40.075	-0.2	82	0.00
68	Hexachlorobenzene	40.000	39.667	0.8	83	0.00
69	Atrazine	40.000	40.399	-1.0	81	0.00
70 C	Pentachlorophenol	40.000	39.784	0.5	80	0.00
71	Phenanthrene	40.000	39.210	2.0	81	0.00
72	Anthracene	40.000	40.026	-0.1	83	0.00
73	Carbazole	40.000	39.095	2.3	79	0.00
74	Di-n-butylphthalate	40.000	39.763	0.6	81	0.00
75 C	Fluoranthene	40.000	38.475	3.8	80	0.01
76 I	Chrysene-d12	20.000	20.000	0.0	84	0.00
77	Benzydine	40.000	32.730	18.2	61	0.00
78	Pyrene	40.000	40.759	-1.9	80	0.01
79 S	Terphenyl-d14	80.000	70.424	12.0	70	0.00
80	Butylbenzylphthalate	40.000	41.644	-4.1	79	0.00
81	Benzo(a)anthracene	40.000	39.832	0.4	79	0.00
82	3,3'-Dichlorobenzidine	40.000	38.168	4.6	73	0.00
83	Chrysene	40.000	40.103	-0.3	80	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	40.547	-1.4	77	0.00
85 c	Di-n-octyl phthalate	40.000	39.973	0.1	77	0.00
86 I	Perylene-d12	20.000	20.000	0.0	83	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	40.180	-0.4	76	0.00
88	Benzo(b)fluoranthene	40.000	39.991	0.0	76	0.00
89	Benzo(k)fluoranthene	40.000	41.447	-3.6	80	0.00
90 C	Benzo(a)pyrene	40.000	39.834	0.4	76	0.00
91	Dibenzo(a,h)anthracene	40.000	40.748	-1.9	78	-0.02
92	Benzo(g,h,i)perylene	40.000	39.644	0.9	76	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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: POWE02
 Lab Code: ACE SDG No.: Q3155
 Instrument ID: BNA_G Calibration Date/Time: 09/23/2025 11:28
 Lab File ID: BG064435.D Init. Calib. Date(s): 08/28/2025 08/28/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:51 16:16
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.115	1.208		8.3	
Phenol-d6	1.532	1.674		9.3	
Nitrobenzene-d5	0.359	0.435		21.2	
Naphthalene	1.037	1.186		14.4	
2-Fluorobiphenyl	1.310	1.533		17.0	
Fluorene	1.473	1.709		16.0	
2,4,6-Tribromophenol	0.265	0.388		46.4	
Phenanthrene	1.055	1.188		12.6	
Anthracene	1.073	1.209		12.7	
Pyrene	1.260	1.378		9.4	
Terphenyl-d14	0.959	1.118		16.6	
Benzo (a) anthracene	1.280	1.410		10.2	
Chrysene	1.228	1.336		8.8	
Benzo (b) fluoranthene	1.129	1.311		16.1	
Benzo (a) pyrene	1.050	1.205		14.8	20.0
Indeno (1,2,3-cd) pyrene	1.366	1.588		16.3	
Benzo (g,h,i) perylene	1.067	1.217		14.1	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
 Data File : BG064435.D
 Acq On : 23 Sep 2025 11:28
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 23 12:06:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.843	152	19841	20.000	ng	-0.02
21) Naphthalene-d8	10.628	136	85807	20.000	ng	#-0.02
39) Acenaphthene-d10	14.465	164	61310	20.000	ng	-0.02
64) Phenanthrene-d10	17.203	188	146814	20.000	ng	#-0.02
76) Chrysene-d12	21.433	240	160877	20.000	ng	#-0.02
86) Perylene-d12	24.430	264	172846	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	95861	86.681	ng	-0.02
7) Phenol-d6	7.009	99	132874	87.456	ng	-0.02
23) Nitrobenzene-d5	8.995	82	149270	97.018	ng	-0.02
42) 2,4,6-Tribromophenol	15.951	330	95168	117.191	ng	-0.02
45) 2-Fluorobiphenyl	13.090	172	375917	93.587	ng	-0.02
79) Terphenyl-d14	19.823	244	719174	93.267	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	16144	35.023	ng	93
3) Pyridine	3.730	79	48380	35.655	ng	# 58
4) n-Nitrosodimethylamine	3.648	42	37781	42.096	ng	93
6) Aniline	7.168	93	83816	39.893	ng	97
8) 2-Chlorophenol	7.403	128	59636	44.129	ng	97
9) Benzaldehyde	6.980	77	43289	34.622	ng	95
10) Phenol	7.038	94	68349	40.804	ng	75
11) bis(2-Chloroethyl)ether	7.262	93	47142	37.452	ng	98
12) 1,3-Dichlorobenzene	7.726	146	67522	46.966	ng	98
13) 1,4-Dichlorobenzene	7.873	146	67758	46.699	ng	94
14) 1,2-Dichlorobenzene	8.190	146	63914	45.641	ng	97
15) Benzyl Alcohol	8.072	79	61202	43.651	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.360	45	85434	29.728	ng	97
17) 2-Methylphenol	8.278	107	50988	40.842	ng	97
18) Hexachloroethane	8.913	117	25521	45.060	ng	# 79
19) n-Nitroso-di-n-propyla...	8.642	70	44827	38.551	ng	95
20) 3+4-Methylphenols	8.607	107	68622	39.559	ng	96
22) Acetophenone	8.654	105	95348	43.922	ng	95
24) Nitrobenzene	9.030	77	73460	45.698	ng	99
25) Isophorone	9.553	82	130989	40.964	ng	98
26) 2-Nitrophenol	9.741	139	34984	50.365	ng	# 80
27) 2,4-Dimethylphenol	9.806	122	53695	44.030	ng	96
28) bis(2-Chloroethoxy)met...	10.041	93	68073	39.481	ng	94
29) 2,4-Dichlorophenol	10.282	162	64493	50.122	ng	89
30) 1,2,4-Trichlorobenzene	10.493	180	71689	52.840	ng	92
31) Naphthalene	10.675	128	203475	45.729	ng	97
32) Benzoic acid	9.964	122	39791	41.105	ng	97
33) 4-Chloroaniline	10.781	127	75475	43.765	ng	99
34) Hexachlorobutadiene	10.963	225	57372	57.207	ng	91
35) Caprolactam	11.557	113	20381	40.907	ng	# 91
36) 4-Chloro-3-methylphenol	11.915	107	75258	45.079	ng	95
37) 2-Methylnaphthalene	12.285	142	152650	46.155	ng	96
38) 1-Methylnaphthalene	12.502	142	147398m	45.120	ng	
40) 1,2,4,5-Tetrachloroben...	12.655	216	90585	51.207	ng	98
41) Hexachlorocyclopentadiene	12.638	237	45757	54.425	ng	95
43) 2,4,6-Trichlorophenol	12.896	196	59079	49.967	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
 Data File : BG064435.D
 Acq On : 23 Sep 2025 11:28
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

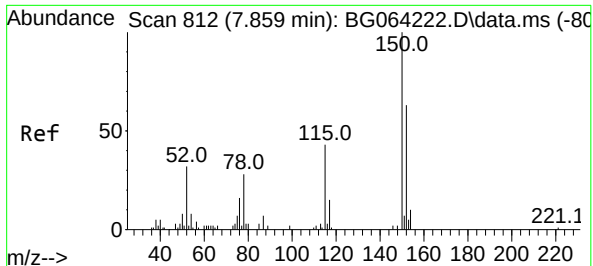
Quant Time: Sep 23 12:06:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.967	196	63228	49.297	ng	93
46) 1,1'-Biphenyl	13.296	154	202926	45.443	ng	97
47) 2-Chloronaphthalene	13.337	162	152064	45.296	ng	96
48) 2-Nitroaniline	13.542	65	53499	46.755	ng	95
49) Acenaphthylene	14.183	152	228909	46.127	ng	97
50) Dimethylphthalate	13.918	163	206493	44.496	ng	99
51) 2,6-Dinitrotoluene	14.036	165	43621	48.554	ng	94
52) Acenaphthene	14.530	154	159646	45.585	ng	98
53) 3-Nitroaniline	14.365	138	41971	44.599	ng	98
54) 2,4-Dinitrophenol	14.577	184	25017	45.261	ng	90
55) Dibenzofuran	14.864	168	255440	46.371	ng	99
56) 4-Nitrophenol	14.682	139	33883	43.892	ng	# 84
57) 2,4-Dinitrotoluene	14.829	165	67977	50.042	ng	96
58) Fluorene	15.511	166	209603	46.424	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.094	232	64424	52.224	ng	95
60) Diethylphthalate	15.287	149	224725	45.248	ng	99
61) 4-Chlorophenyl-phenyle...	15.505	204	110447	49.063	ng	98
62) 4-Nitroaniline	15.528	138	48161	50.153	ng	89
63) Azobenzene	15.799	77	186535	42.140	ng	93
65) 4,6-Dinitro-2-methylph...	15.593	198	44376	52.647	ng	91
66) n-Nitrosodiphenylamine	15.722	169	181478	44.935	ng	97
67) 4-Bromophenyl-phenylether	16.398	248	78700	50.470	ng	96
68) Hexachlorobenzene	16.515	284	89717	51.811	ng	93
69) Atrazine	16.674	200	79061	46.883	ng	97
70) Pentachlorophenol	16.862	266	56001	53.336	ng	92
71) Phenanthrene	17.250	178	348877	45.054	ng	98
72) Anthracene	17.338	178	355120	45.084	ng	98
73) Carbazole	17.608	167	315052	45.403	ng	99
74) Di-n-butylphthalate	18.172	149	377556	45.289	ng	98
75) Fluoranthene	19.259	202	428708	47.086	ng	97
77) Benzidine	19.441	184	137880	40.741	ng	97
78) Pyrene	19.618	202	443391	43.746	ng	99
80) Butylbenzylphthalate	20.517	149	172501	45.124	ng	95
81) Benzo(a)anthracene	21.416	228	453601	44.072	ng	100
82) 3,3'-Dichlorobenzidine	21.339	252	159732	47.653	ng	97
83) Chrysene	21.480	228	429890	43.507	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	252616	44.014	ng	99
85) Di-n-octyl phthalate	22.473	149	428781	42.876	ng	96
87) Indeno(1,2,3-cd)pyrene	27.808	276	548833	46.496	ng	99
88) Benzo(b)fluoranthene	23.490	252	453364	46.474	ng	97
89) Benzo(k)fluoranthene	23.554	252	447814	45.059	ng	# 96
90) Benzo(a)pyrene	24.295	252	416575	45.906	ng	# 97
91) Dibenzo(a,h)anthracene	27.861	278	449883	47.469	ng	97
92) Benzo(g,h,i)perylene	28.872	276	420723	45.621	ng	# 94

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

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

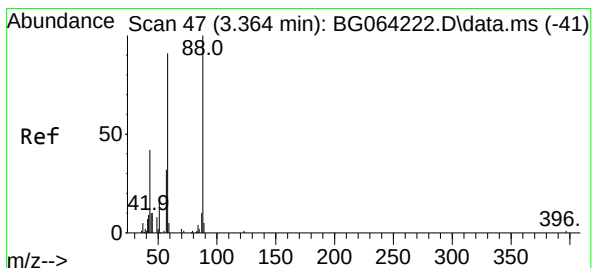
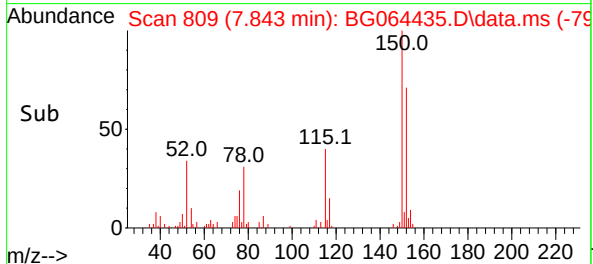
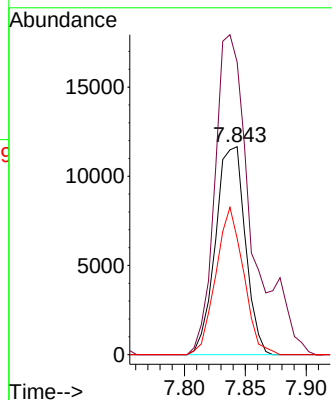
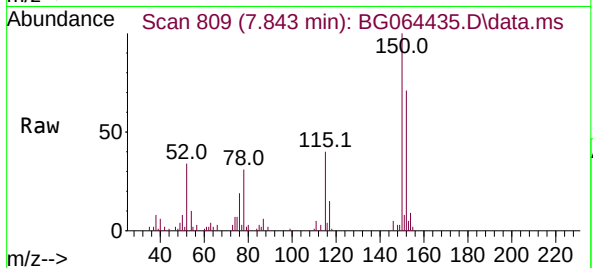
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.843 min Scan# 80
Delta R.T. -0.016 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

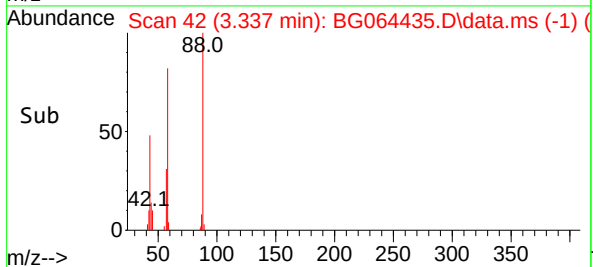
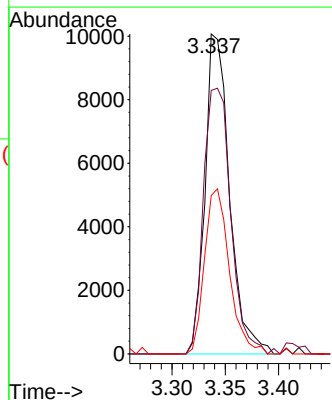
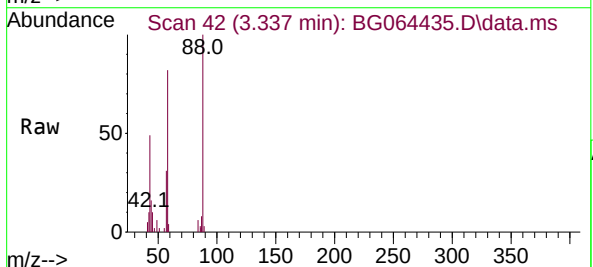
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 19841
Ion Ratio Lower Upper
152 100
150 140.6 128.0 192.0
115 55.9 55.7 83.5

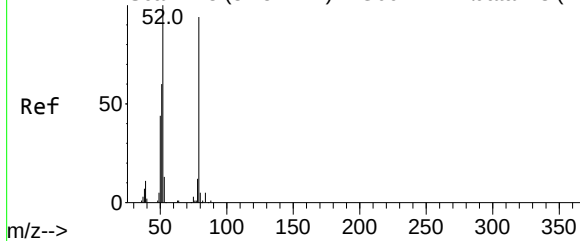


#2
1,4-Dioxane
Concen: 35.023 ng
RT: 3.337 min Scan# 42
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion: 88 Resp: 16144
Ion Ratio Lower Upper
88 100
58 91.8 80.8 121.2
43 52.3 40.3 60.5



Abundance Scan 113 (3.752 min): BG064222.D\data.ms (-10)



#3

Pyridine

Concen: 35.655 ng

RT: 3.730 min Scan# 10

Delta R.T. -0.022 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

Instrument :

BNA_G

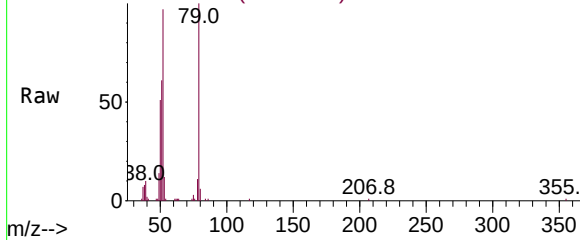
ClientSampleId :

SSTDCCC040

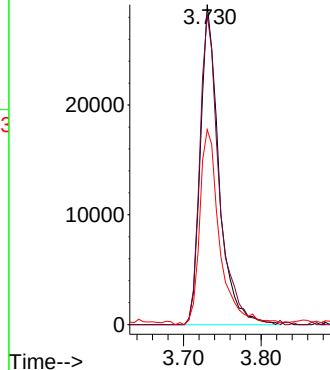
Tgt Ion: 79 Resp: 48380

Ion	Ratio	Lower	Upper
79	100		
52	97.0	86.6	129.8
51	60.9	114.1	171.1#

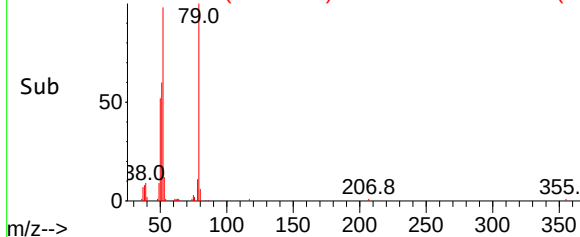
Abundance Scan 109 (3.730 min): BG064435.D\data.ms



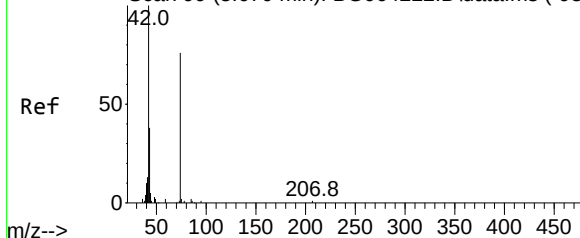
Abundance



Abundance Scan 109 (3.730 min): BG064435.D\data.ms (-23)



Abundance Scan 99 (3.670 min): BG064222.D\data.ms (-93)



#4

n-Nitrosodimethylamine

Concen: 42.096 ng

RT: 3.648 min Scan# 95

Delta R.T. -0.016 min

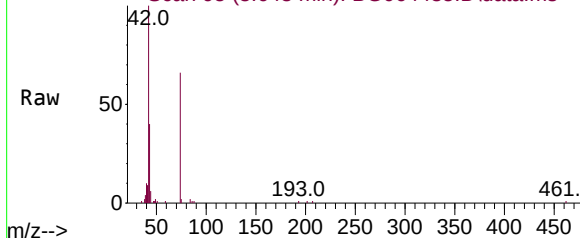
Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

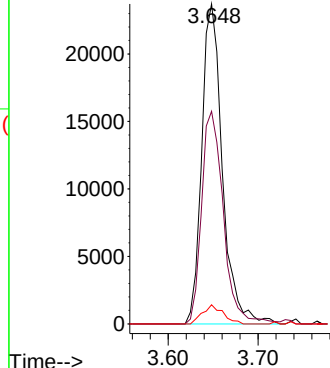
Tgt Ion: 42 Resp: 37781

Ion	Ratio	Lower	Upper
42	100		
74	66.4	58.0	87.0
44	6.0	5.5	8.3

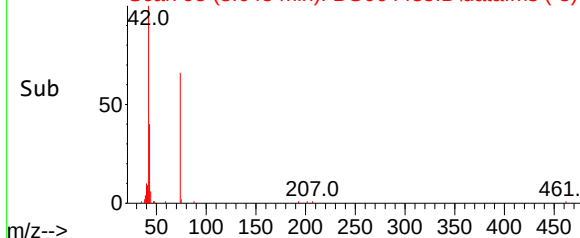
Abundance Scan 95 (3.648 min): BG064435.D\data.ms

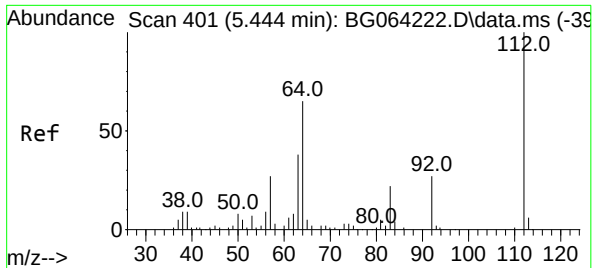


Abundance



Abundance Scan 95 (3.648 min): BG064435.D\data.ms (-8)

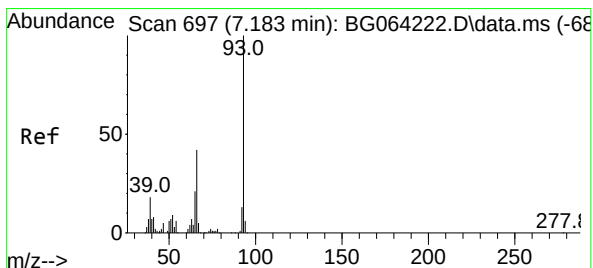
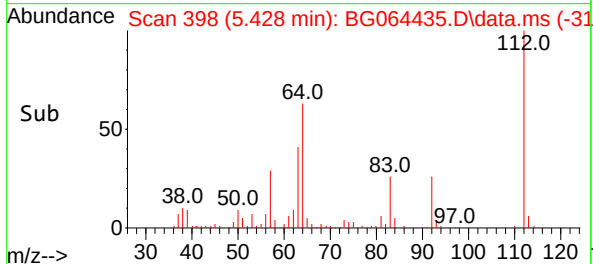
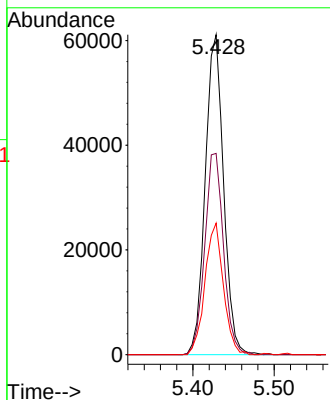
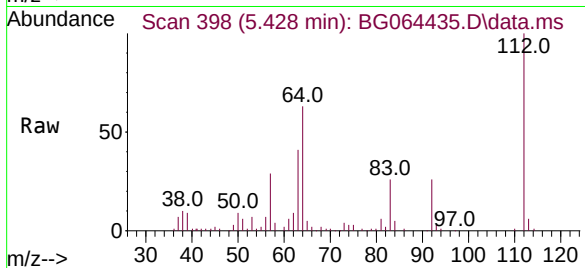




#5
2-Fluorophenol
Concen: 86.681 ng
RT: 5.428 min Scan# 398
Delta R.T. -0.016 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

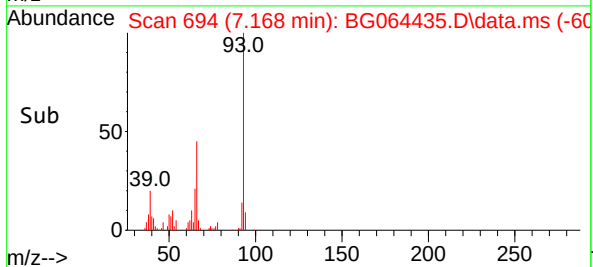
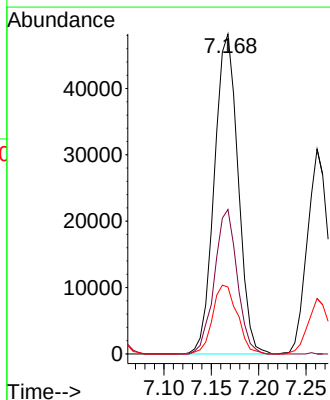
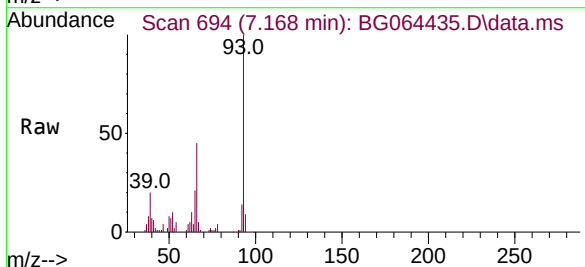
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

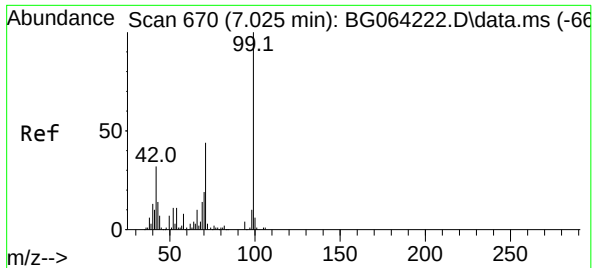
Tgt Ion:112 Resp: 95861
Ion Ratio Lower Upper
112 100
64 62.9 51.8 77.6
63 41.1 30.6 45.8



#6
Aniline
Concen: 39.893 ng
RT: 7.168 min Scan# 694
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion: 93 Resp: 83816
Ion Ratio Lower Upper
93 100
66 45.1 33.8 50.8
65 20.9 16.9 25.3

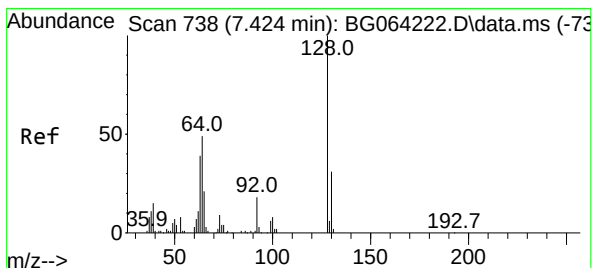
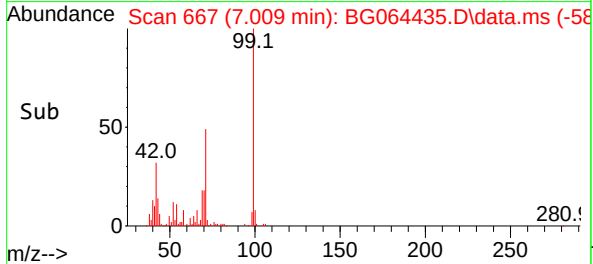
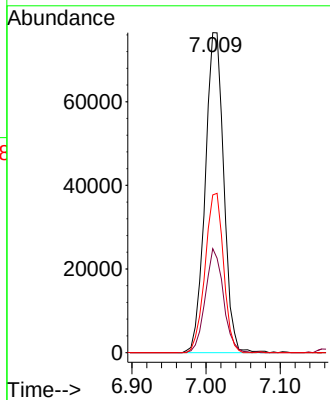
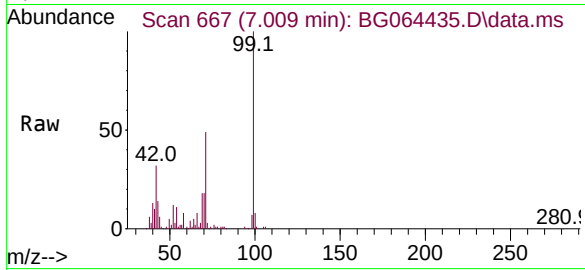




#7
Phenol-d6
Concen: 87.456 ng
RT: 7.009 min Scan# 667
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

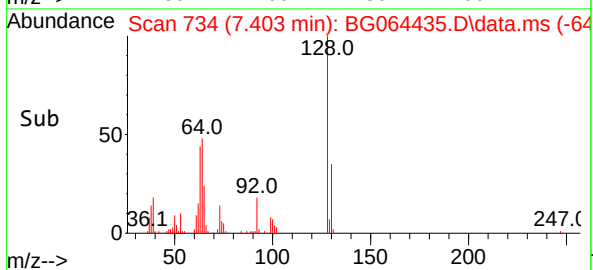
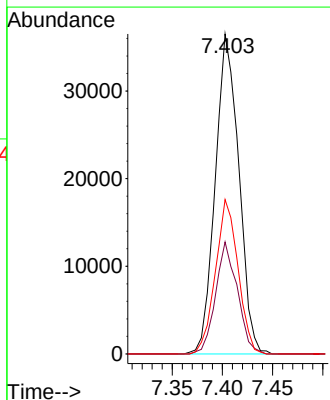
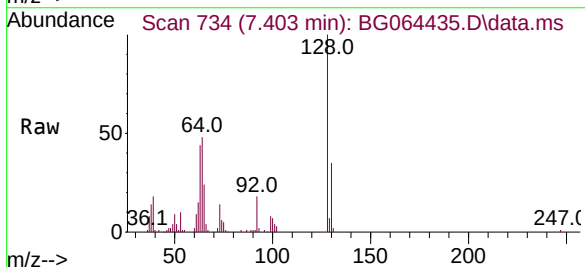
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

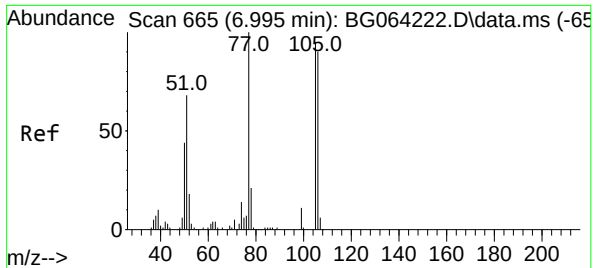
Tgt Ion: 99 Resp: 132874
Ion Ratio Lower Upper
99 100
42 32.5 25.8 38.8
71 49.3 35.2 52.8



#8
2-Chlorophenol
Concen: 44.129 ng
RT: 7.403 min Scan# 734
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

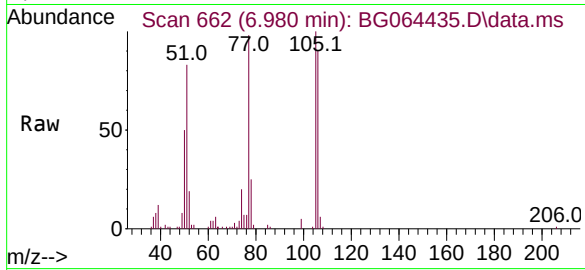
Tgt Ion: 128 Resp: 59636
Ion Ratio Lower Upper
128 100
130 35.0 10.9 50.9
64 48.2 28.7 68.7



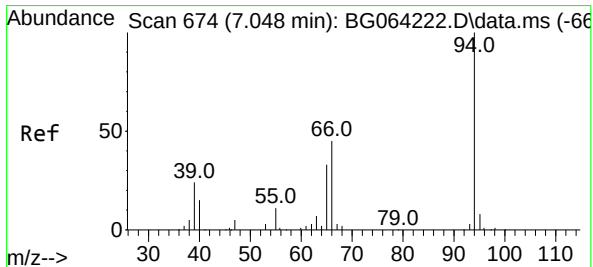
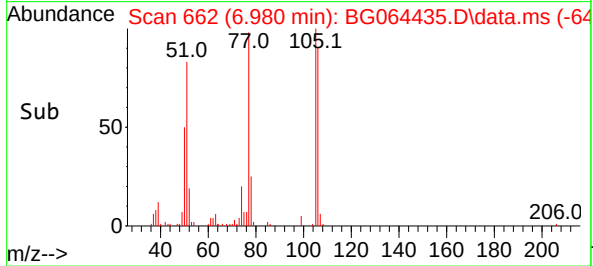
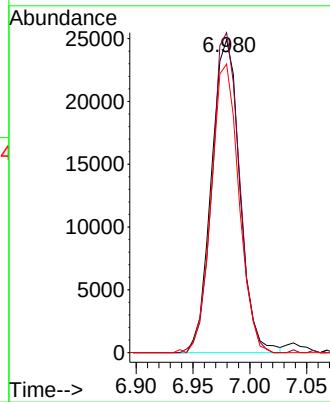


#9
Benzaldehyde
Concen: 34.622 ng
RT: 6.980 min Scan# 662
Delta R.T. -0.015 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

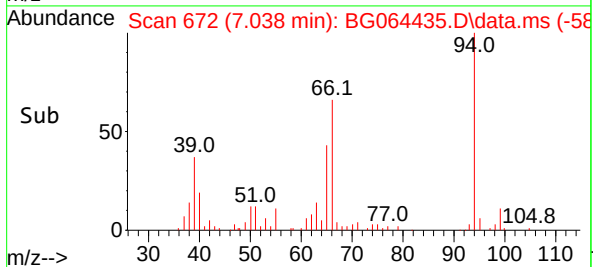
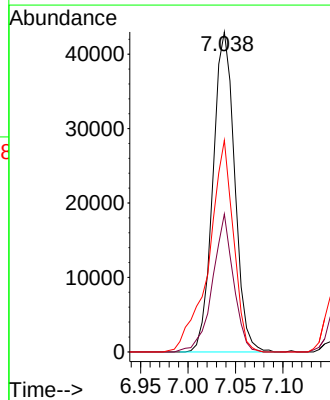
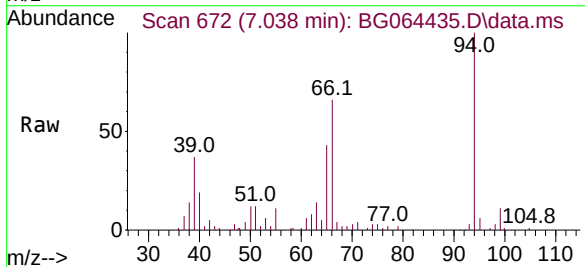


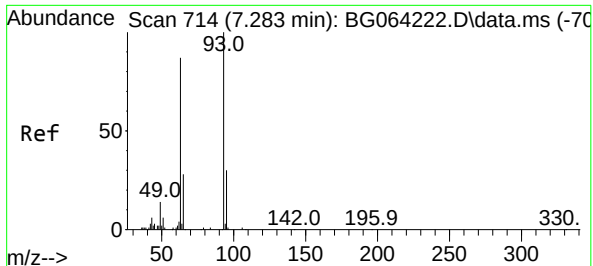
Tgt Ion: 77 Resp: 43289
Ion Ratio Lower Upper
77 100
105 102.3 75.2 115.2
106 92.2 69.6 109.6



#10
Phenol
Concen: 40.804 ng
RT: 7.038 min Scan# 672
Delta R.T. -0.016 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion: 94 Resp: 68349
Ion Ratio Lower Upper
94 100
65 43.1 13.5 53.5
66 66.1 26.2 66.2

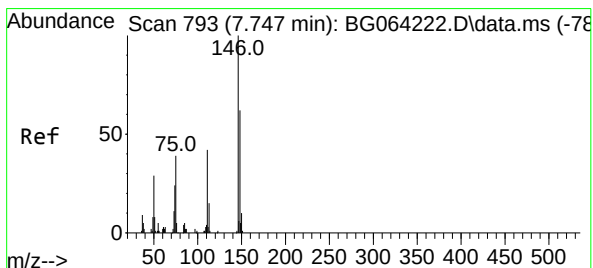
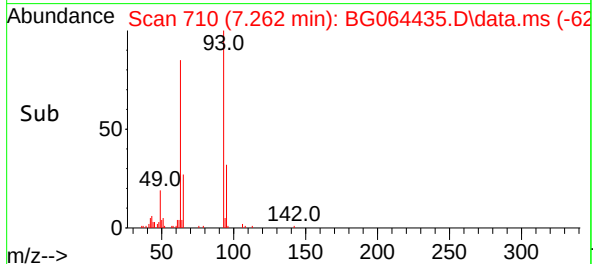
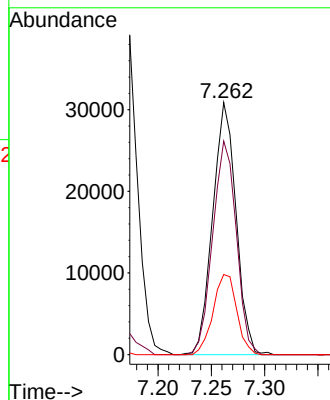
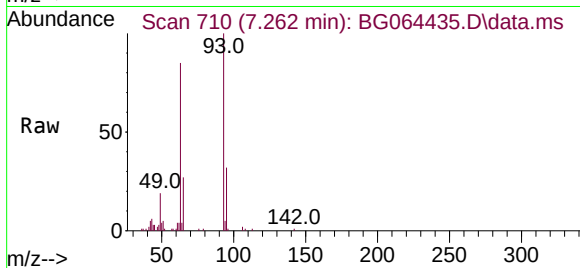




#11
bis(2-Chloroethyl)ether
Concen: 37.452 ng
RT: 7.262 min Scan# 714
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

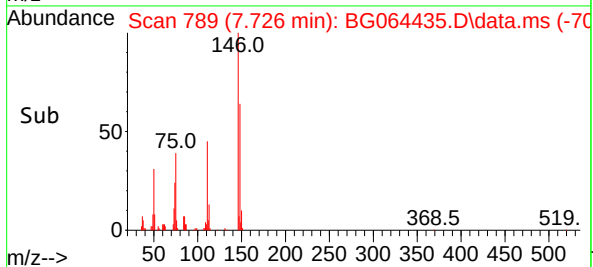
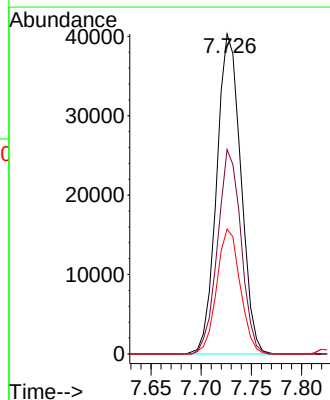
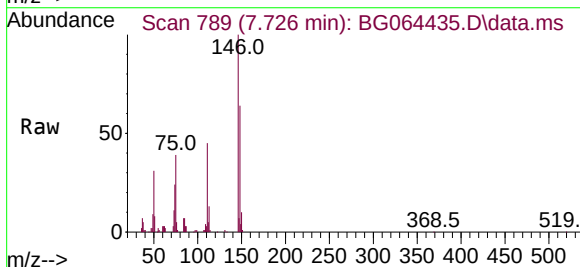
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

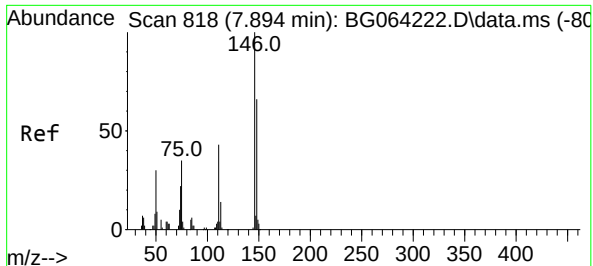
Tgt Ion:	93	Resp:	47142
Ion	Ratio	Lower	Upper
93	100		
63	84.7	66.2	106.2
95	31.8	9.8	49.8



#12
1,3-Dichlorobenzene
Concen: 46.966 ng
RT: 7.726 min Scan# 789
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:	146	Resp:	67522
Ion	Ratio	Lower	Upper
146	100		
148	63.8	49.6	74.4
75	39.0	31.0	46.6

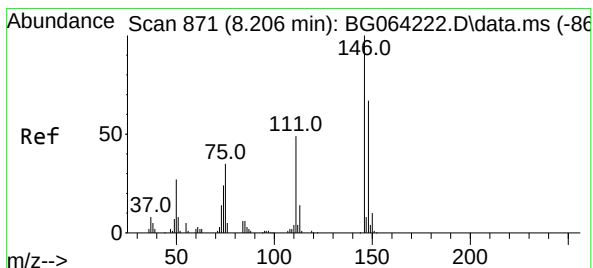
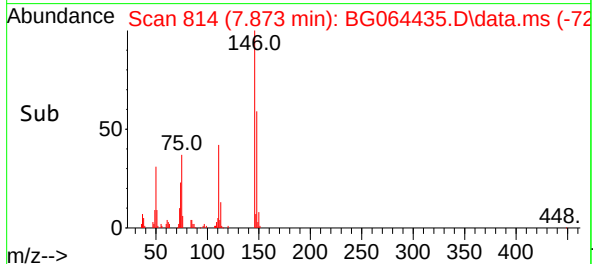
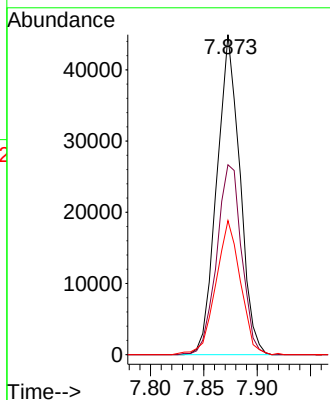
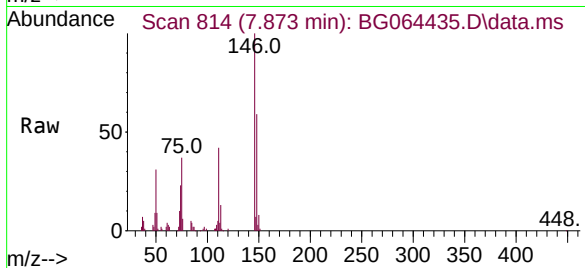




#13
1,4-Dichlorobenzene
Concen: 46.699 ng
RT: 7.873 min Scan# 811
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

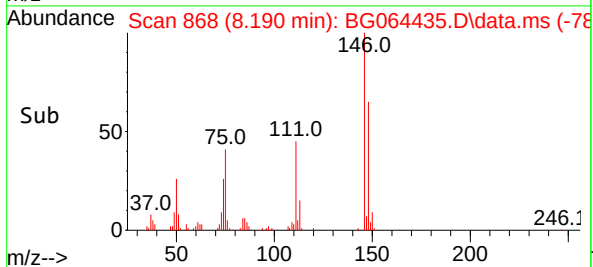
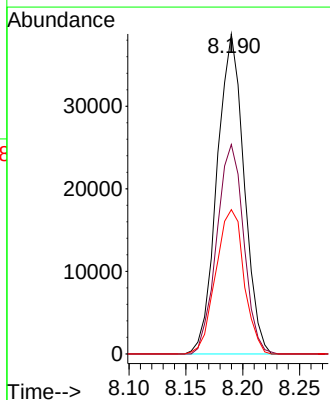
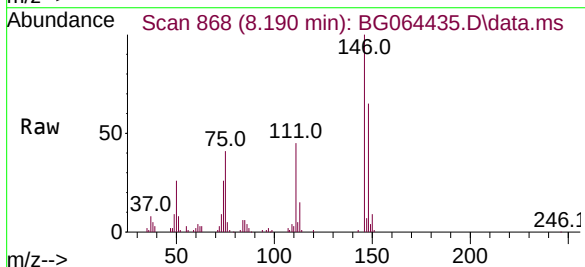
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

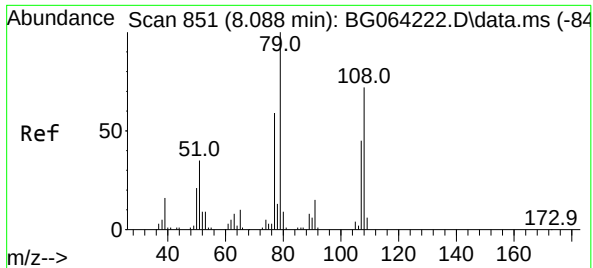
Tgt Ion:146 Resp: 67758
Ion Ratio Lower Upper
146 100
148 59.3 52.8 79.2
111 41.9 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 45.641 ng
RT: 8.190 min Scan# 868
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:146 Resp: 63914
Ion Ratio Lower Upper
146 100
148 65.4 53.4 80.0
111 45.1 39.1 58.7

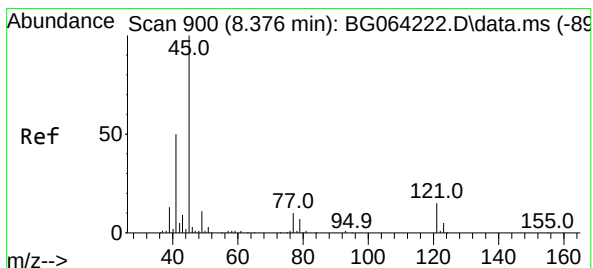
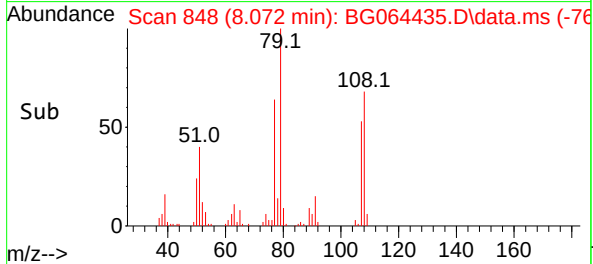
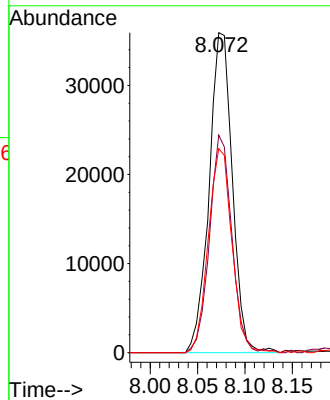
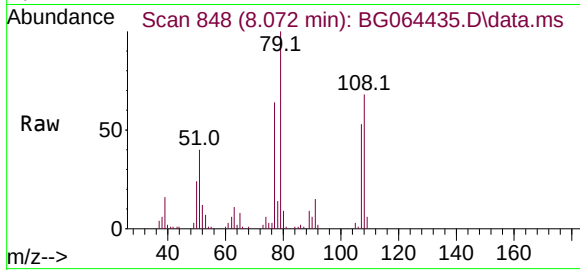




#15
Benzyl Alcohol
Concen: 43.651 ng
RT: 8.072 min Scan# 84
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

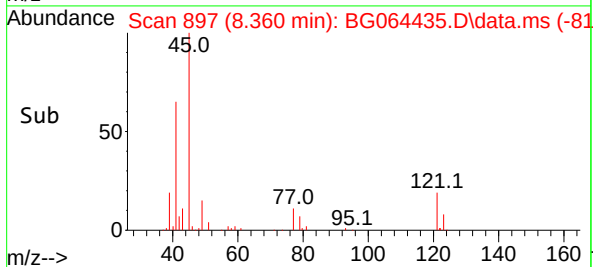
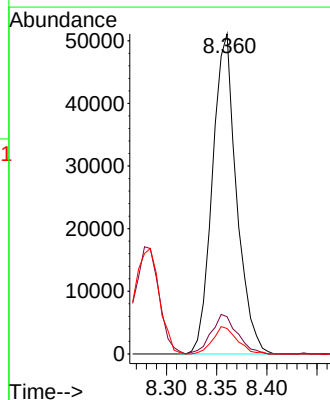
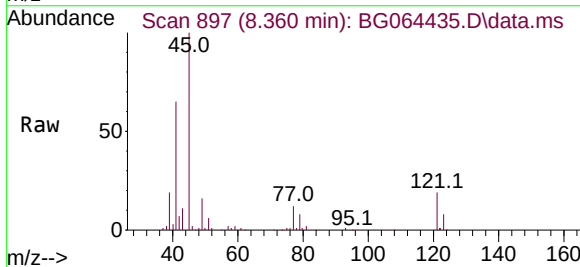
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

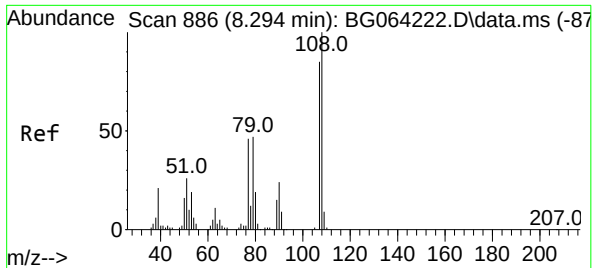
Tgt Ion: 79 Resp: 61202
Ion Ratio Lower Upper
79 100
108 68.0 57.4 86.0
77 63.7 47.2 70.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 29.728 ng
RT: 8.360 min Scan# 897
Delta R.T. -0.016 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion: 45 Resp: 85434
Ion Ratio Lower Upper
45 100
77 11.6 0.0 30.0
79 8.5 0.0 27.9

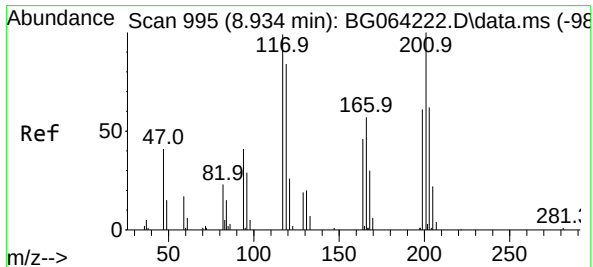
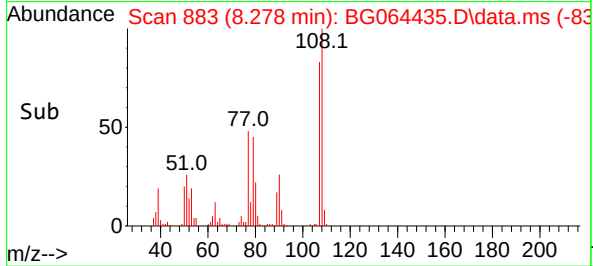
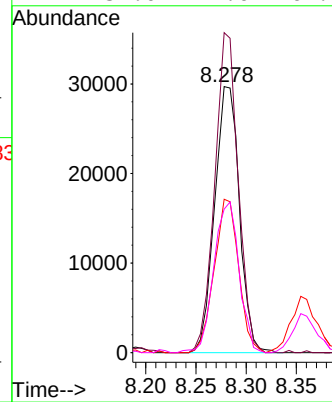
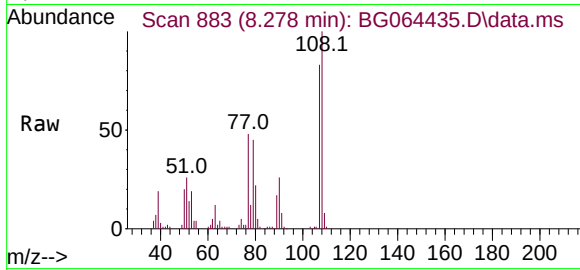




#17
2-Methylphenol
Concen: 40.842 ng
RT: 8.278 min Scan# 886
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

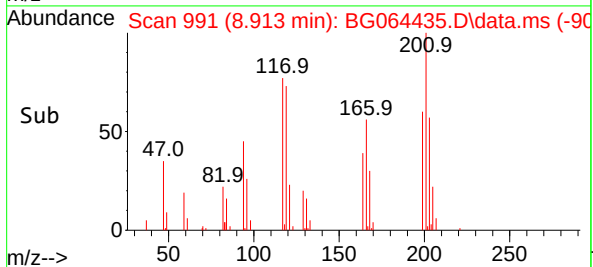
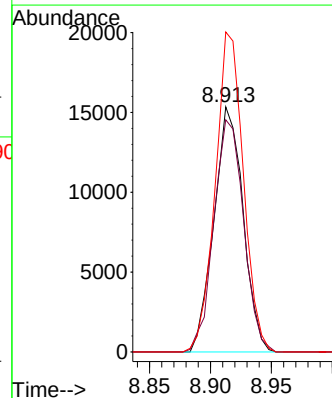
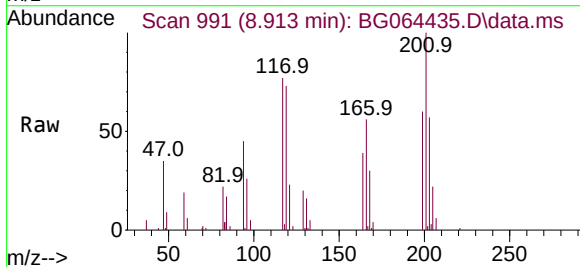
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

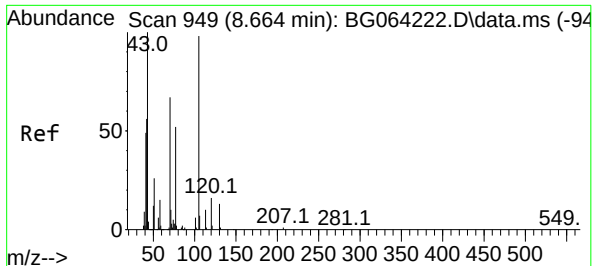
Tgt Ion:	107	Resp:	50988
Ion Ratio	Lower	Upper	
107	100		
108	120.3	94.6	141.8
77	57.6	43.7	65.5
79	54.0	44.6	67.0



#18
Hexachloroethane
Concen: 45.060 ng
RT: 8.913 min Scan# 991
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:	117	Resp:	25521
Ion Ratio	Lower	Upper	
117	100		
119	94.7	67.9	101.9
201	130.6	80.5	120.7

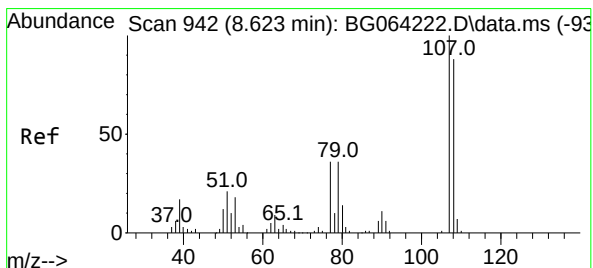
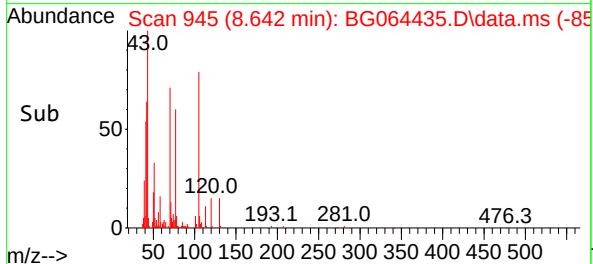
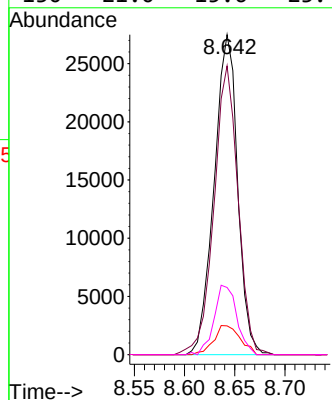
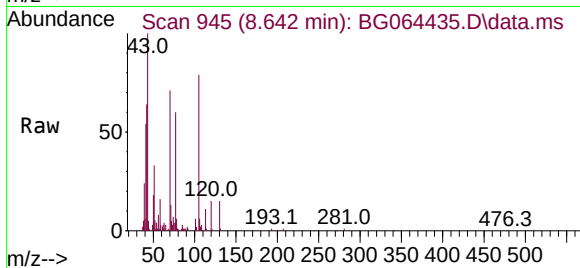




#19
n-Nitroso-di-n-propylamine
Concen: 38.551 ng
RT: 8.642 min Scan# 94
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

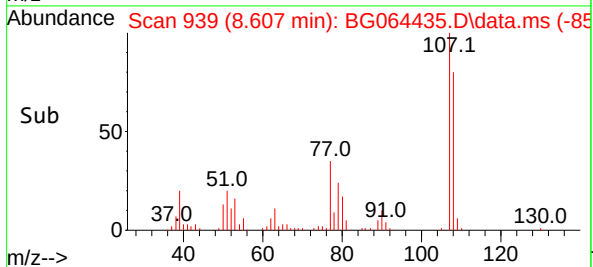
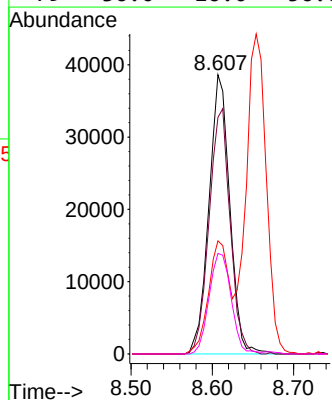
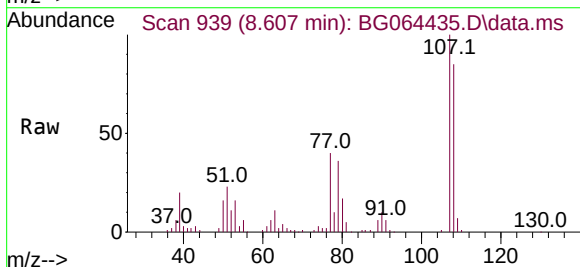
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

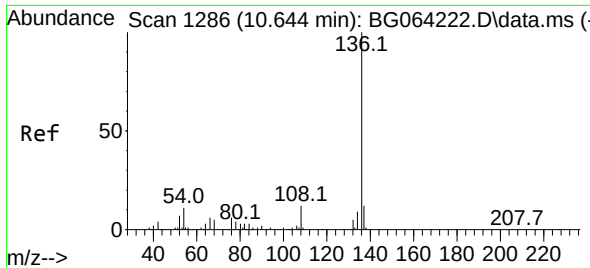
Tgt Ion: 70 Resp: 44827
Ion Ratio Lower Upper
70 100
42 90.2 67.9 101.9
101 9.0 7.3 10.9
130 21.0 15.6 23.4



#20
3+4-Methylphenols
Concen: 39.559 ng
RT: 8.607 min Scan# 939
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion: 107 Resp: 68622
Ion Ratio Lower Upper
107 100
108 84.8 68.1 108.1
77 40.5 15.9 55.9
79 36.0 16.0 56.0

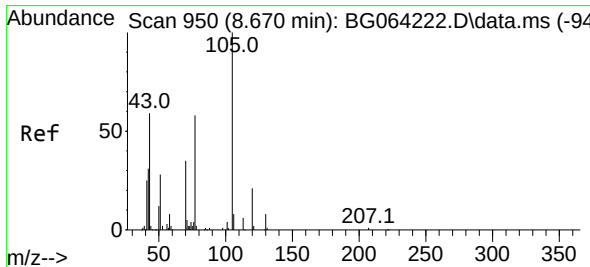
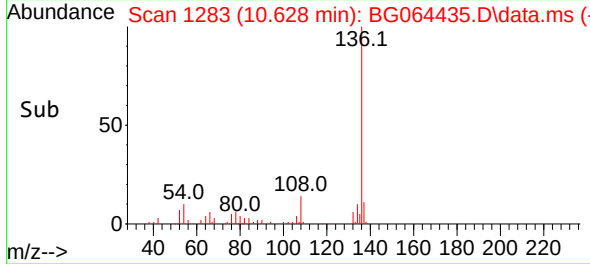
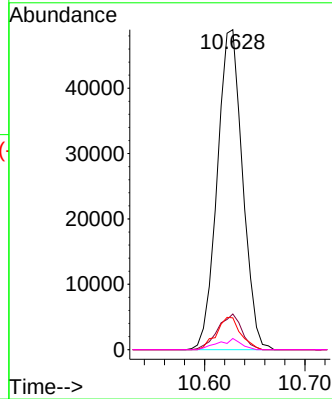
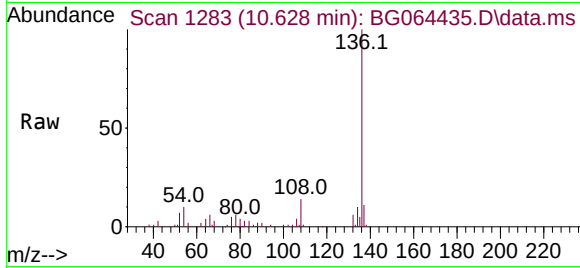




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 11
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

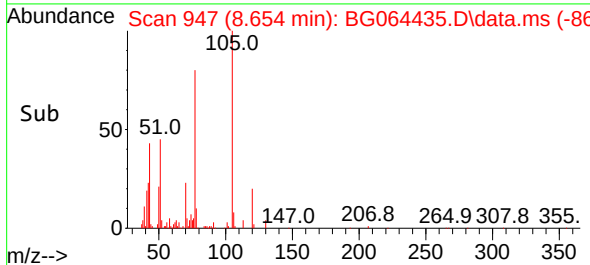
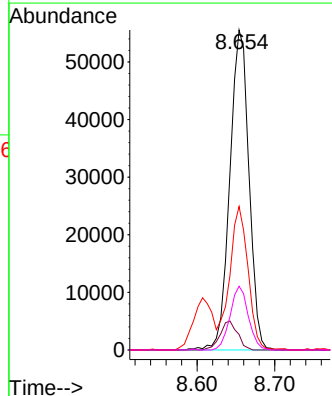
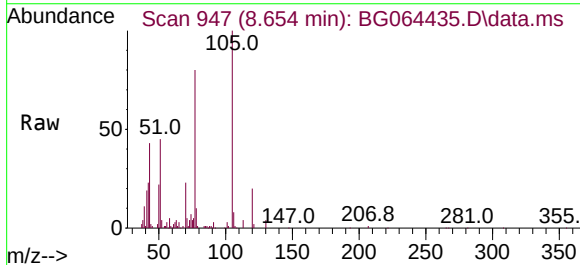
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

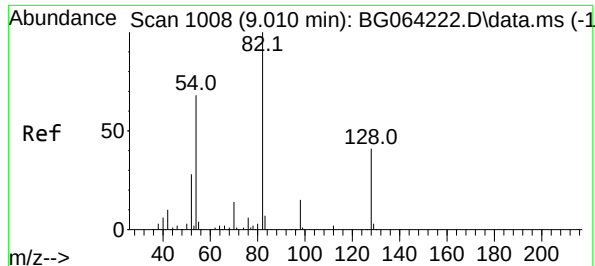
Tgt Ion:136 Resp: 85807
Ion Ratio Lower Upper
136 100
137 11.1 9.6 14.4
54 9.9 8.8 13.2
68 3.5 4.1 6.1#



#22
Acetophenone
Concen: 43.922 ng
RT: 8.654 min Scan# 947
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:105 Resp: 95348
Ion Ratio Lower Upper
105 100
71 4.8 4.3 6.5
51 44.8 32.4 48.6
120 19.9 16.8 25.2





#23

Nitrobenzene-d5

Concen: 97.018 ng

RT: 8.995 min Scan# 1005

Delta R.T. -0.022 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

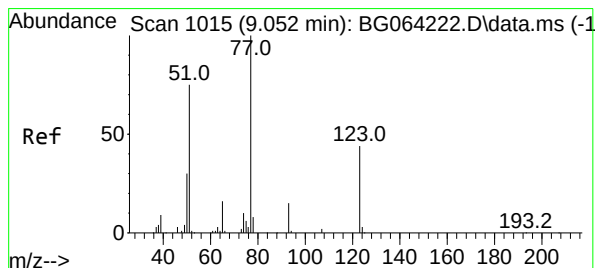
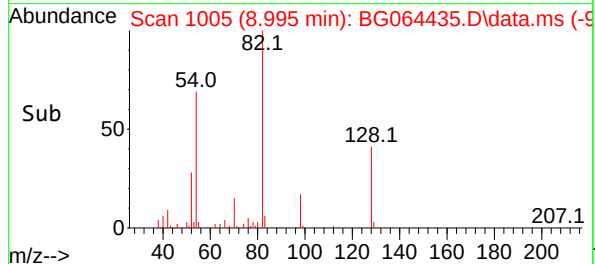
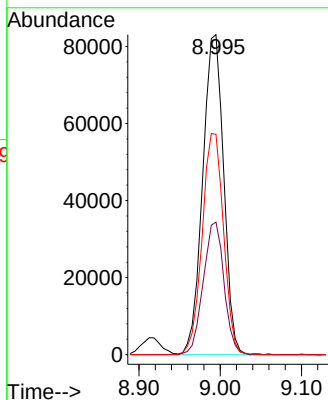
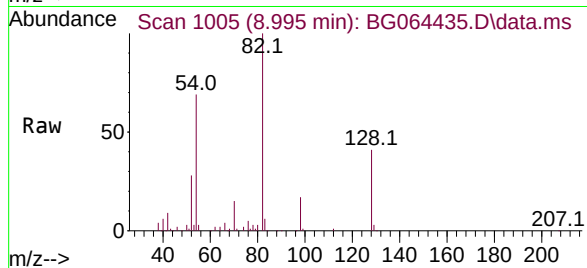
Tgt Ion: 82 Resp: 149270

Ion Ratio Lower Upper

82 100

128 41.4 32.6 48.8

54 68.8 54.7 82.1



#24

Nitrobenzene

Concen: 45.698 ng

RT: 9.030 min Scan# 1011

Delta R.T. -0.028 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

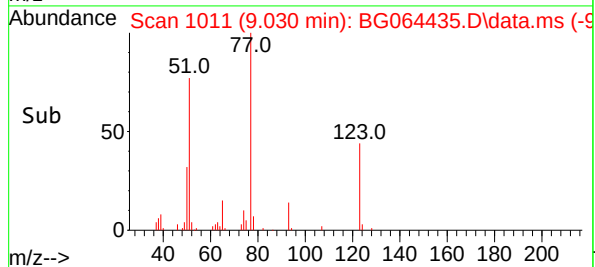
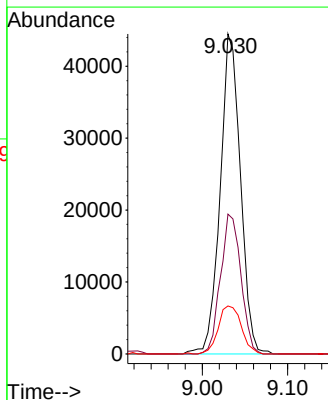
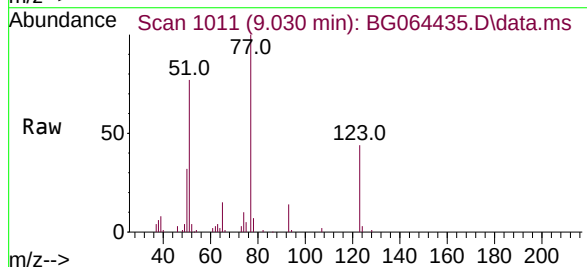
Tgt Ion: 77 Resp: 73460

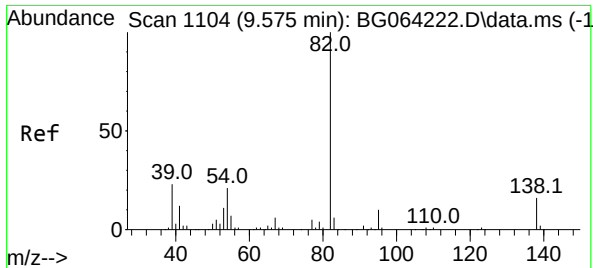
Ion Ratio Lower Upper

77 100

123 43.7 35.2 52.8

65 15.0 12.6 19.0

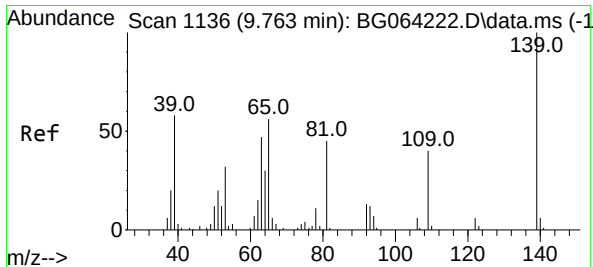
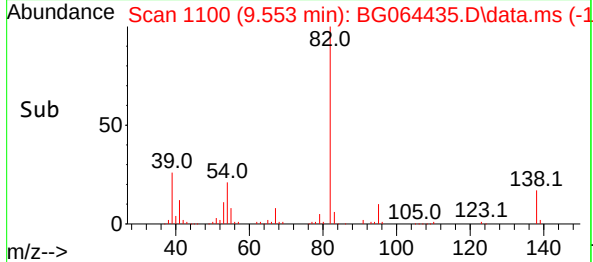
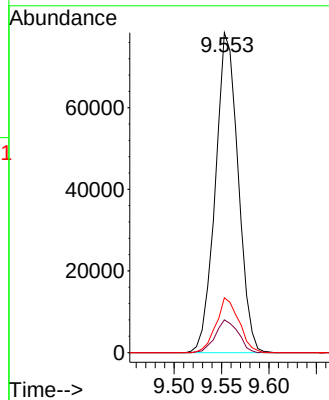
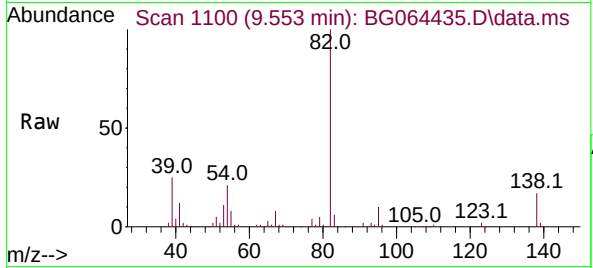




#25
Isophorone
Concen: 40.964 ng
RT: 9.553 min Scan# 1100
Delta R.T. -0.034 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

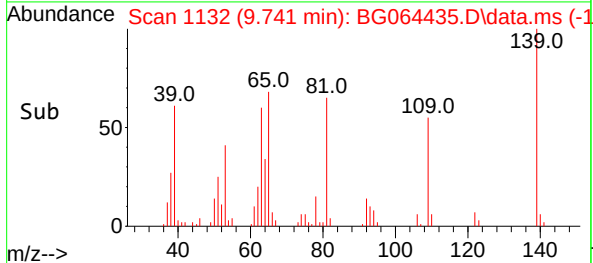
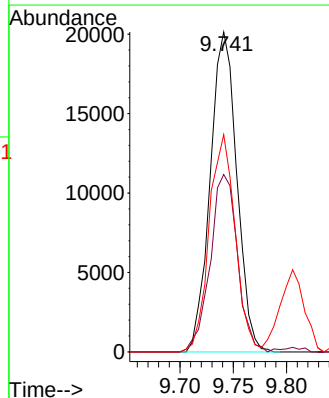
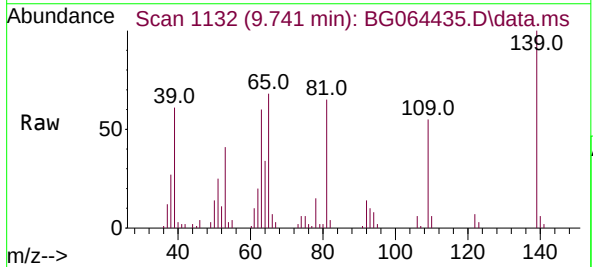
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

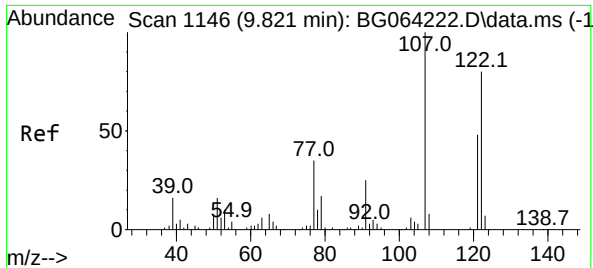
Tgt Ion: 82 Resp: 130989
Ion Ratio Lower Upper
82 100
95 10.2 7.9 11.9
138 17.1 13.0 19.4



#26
2-Nitrophenol
Concen: 50.365 ng
RT: 9.741 min Scan# 1132
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion: 139 Resp: 34984
Ion Ratio Lower Upper
139 100
109 55.4 32.4 48.6#
65 67.9 44.6 67.0#





#27

2,4-Dimethylphenol

Concen: 44.030 ng

RT: 9.806 min Scan# 1143

Delta R.T. -0.022 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

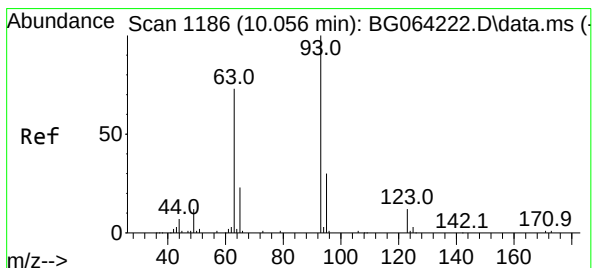
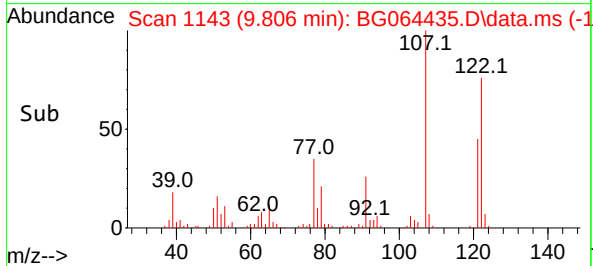
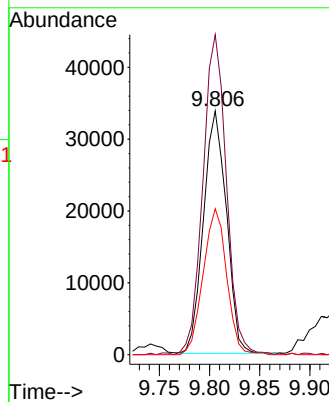
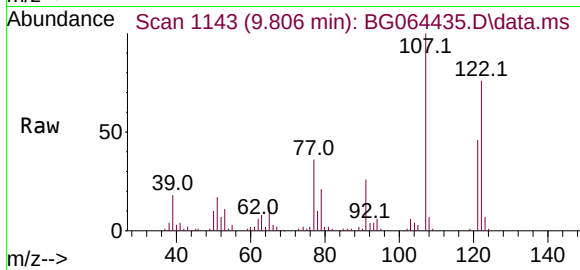
Tgt Ion:122 Resp: 53695

Ion Ratio Lower Upper

122 100

107 131.4 99.9 149.9

121 59.9 48.6 72.8



#28

bis(2-Chloroethoxy)methane

Concen: 39.481 ng

RT: 10.041 min Scan# 1183

Delta R.T. -0.022 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

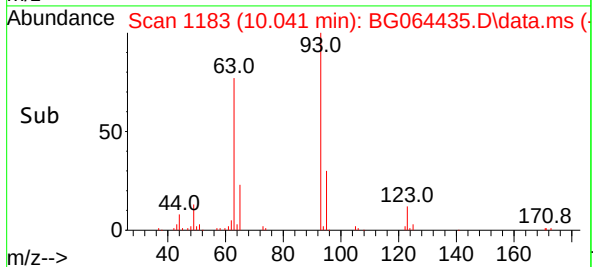
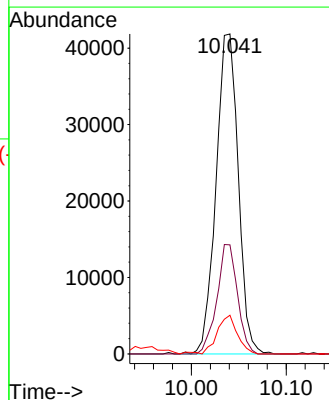
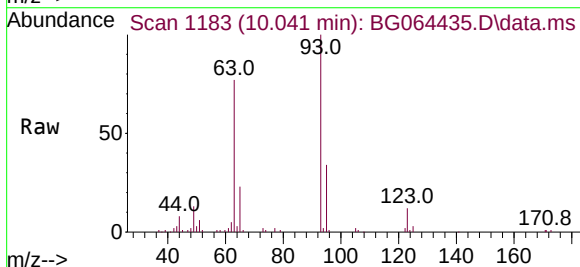
Tgt Ion: 93 Resp: 68073

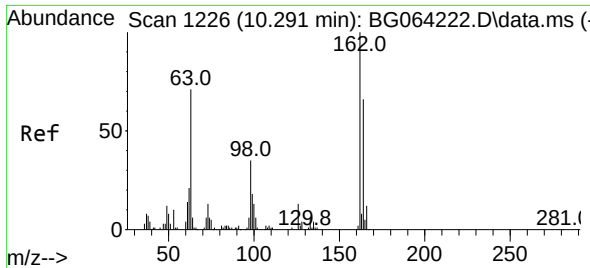
Ion Ratio Lower Upper

93 100

95 34.1 23.9 35.9

123 12.1 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 50.122 ng

RT: 10.282 min Scan# 11

Delta R.T. -0.016 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

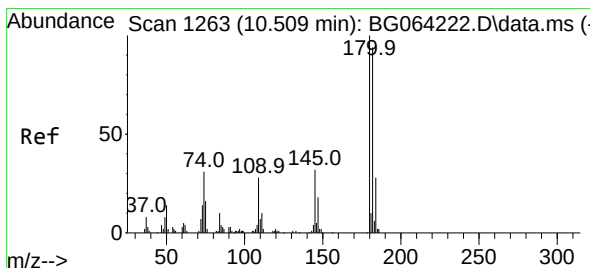
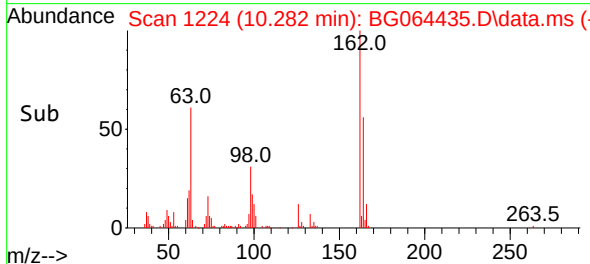
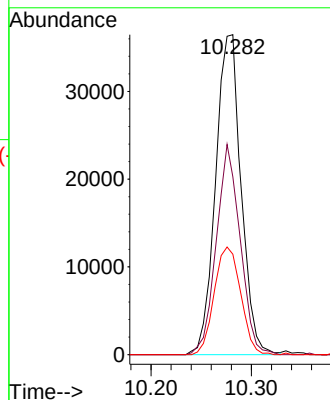
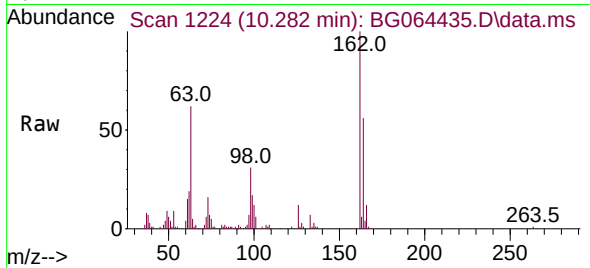
Tgt Ion:162 Resp: 64493

Ion Ratio Lower Upper

162 100

164 55.6 45.8 85.8

98 31.4 15.2 55.2



#30

1,2,4-Trichlorobenzene

Concen: 52.840 ng

RT: 10.493 min Scan# 1260

Delta R.T. -0.016 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

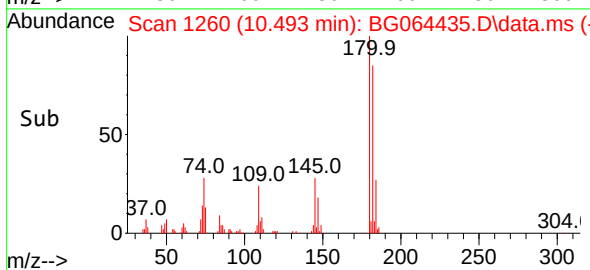
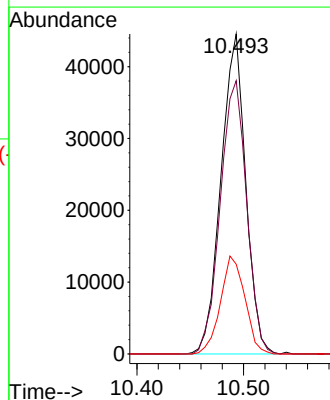
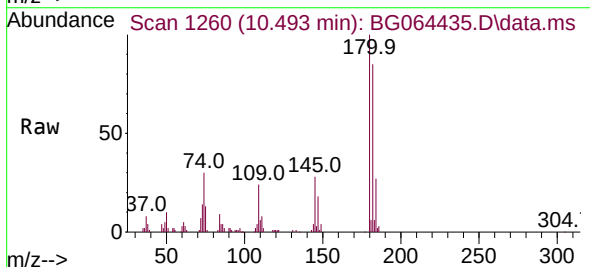
Tgt Ion:180 Resp: 71689

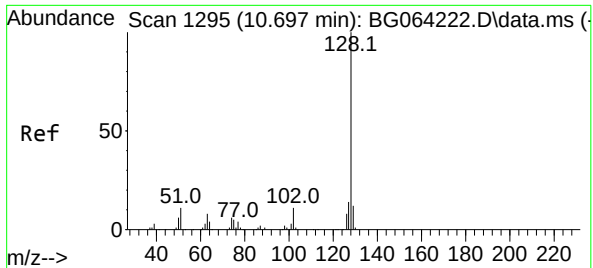
Ion Ratio Lower Upper

180 100

182 85.4 75.0 112.6

145 28.0 25.4 38.0

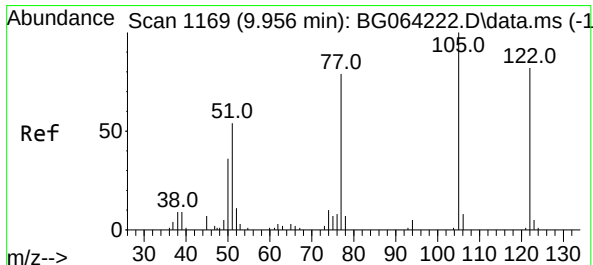
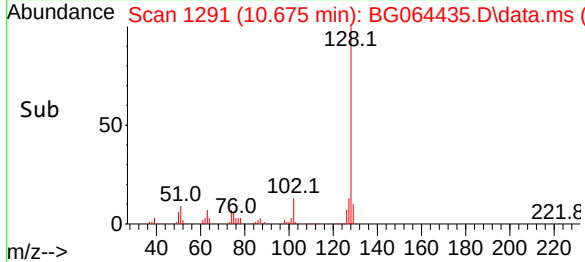
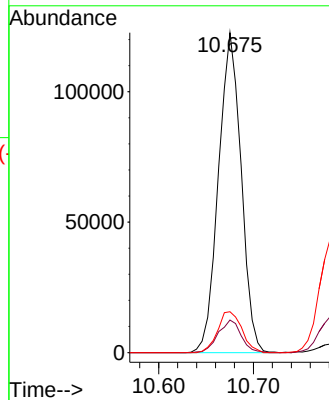
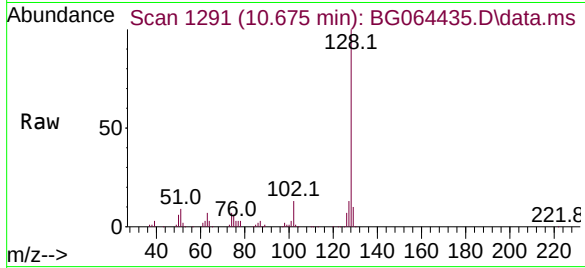




#31
Naphthalene
Concen: 45.729 ng
RT: 10.675 min Scan# 1170
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

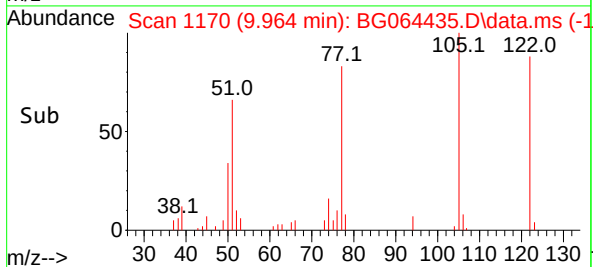
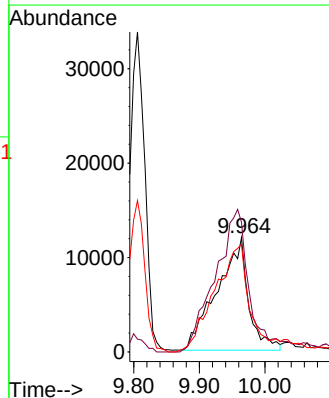
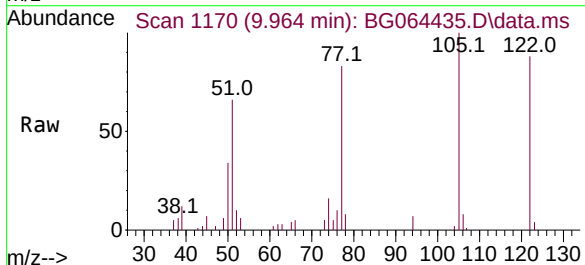
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

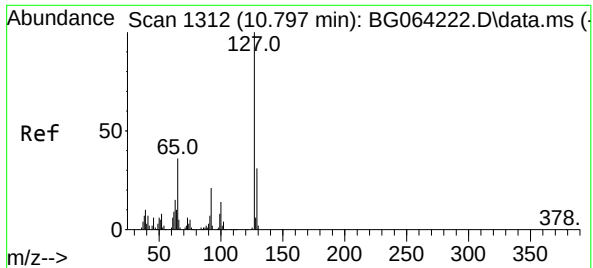
Tgt Ion:128 Resp: 203475
Ion Ratio Lower Upper
128 100
129 10.2 9.4 14.2
127 12.8 10.9 16.3



#32
Benzoic acid
Concen: 41.105 ng
RT: 9.964 min Scan# 1170
Delta R.T. -0.051 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:122 Resp: 39791
Ion Ratio Lower Upper
122 100
105 113.4 98.5 138.5
77 94.1 74.6 114.6

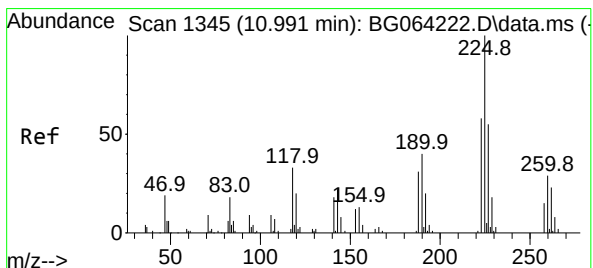
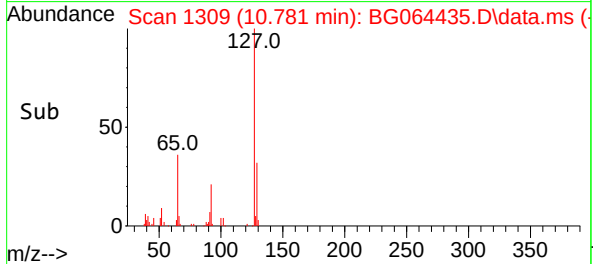
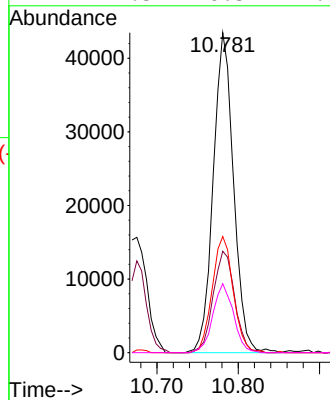
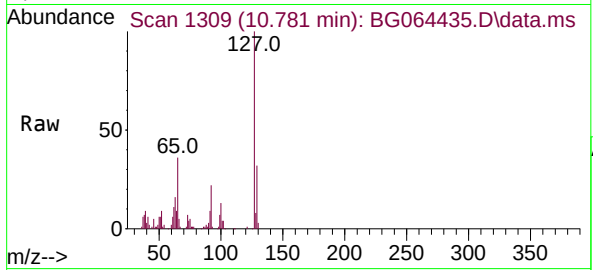




#33
4-Chloroaniline
Concen: 43.765 ng
RT: 10.781 min Scan# 1309
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

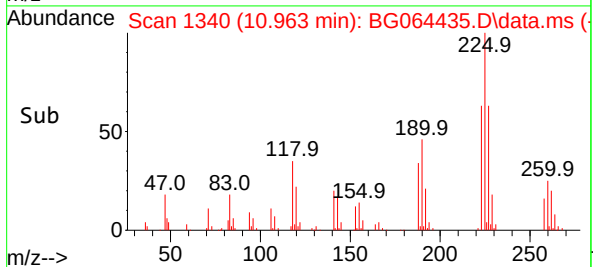
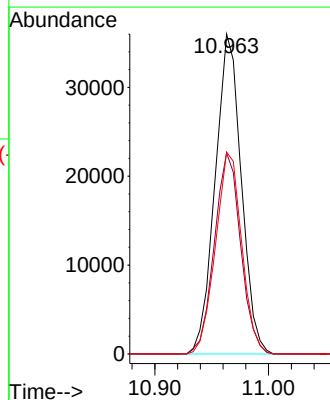
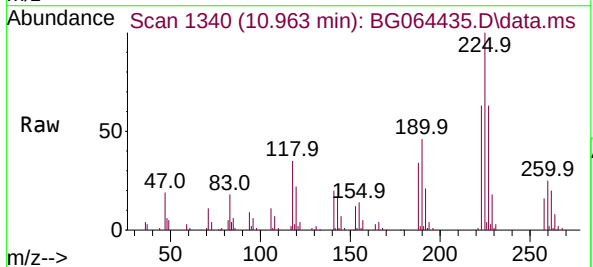
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

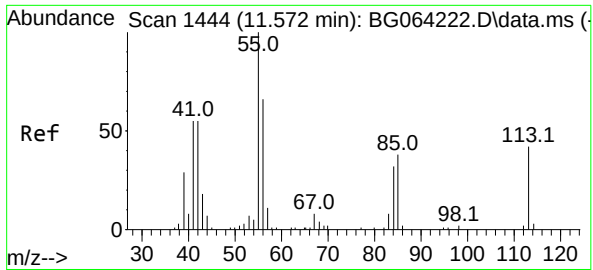
Tgt Ion:	127	Resp:	75475
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.0	37.4
65	36.3	28.7	43.1
92	21.5	16.5	24.7



#34
Hexachlorobutadiene
Concen: 57.207 ng
RT: 10.963 min Scan# 1340
Delta R.T. -0.028 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:	225	Resp:	57372
Ion	Ratio	Lower	Upper
225	100		
223	62.8	46.5	69.7
227	63.1	44.1	66.1

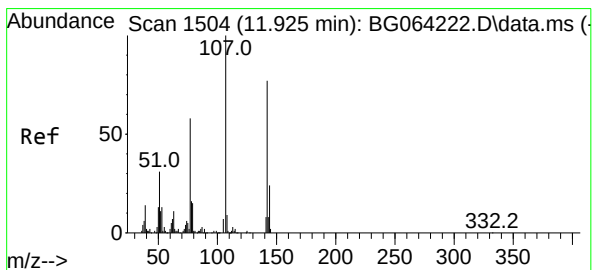
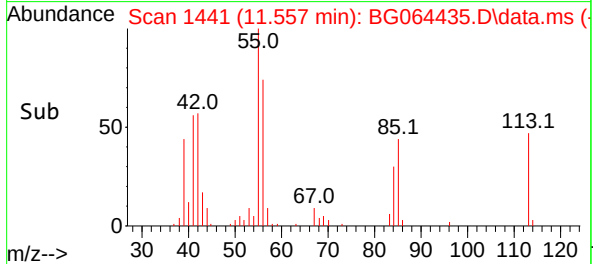
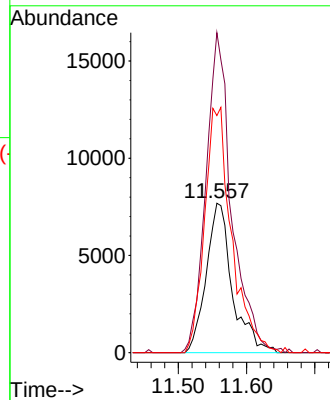
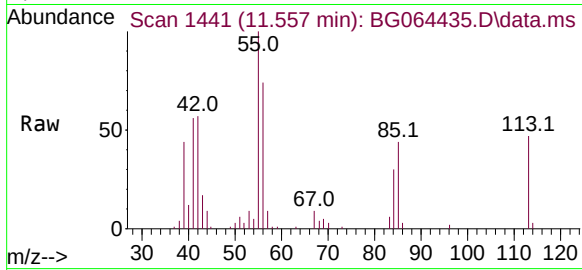




#35
Caprolactam
Concen: 40.907 ng
RT: 11.557 min Scan# 14
Delta R.T. -0.045 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

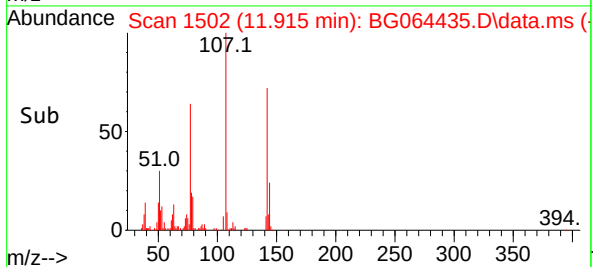
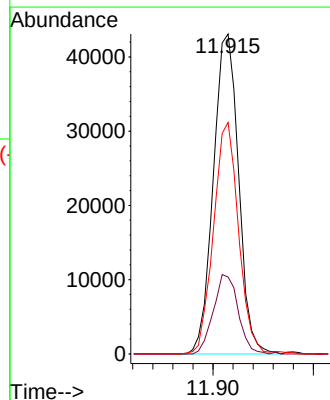
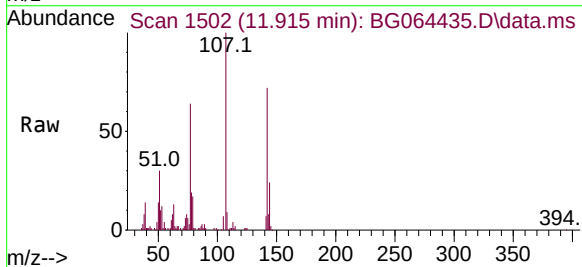
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

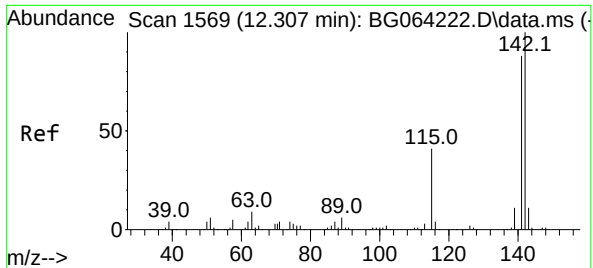
Tgt Ion:113 Resp: 20381
Ion Ratio Lower Upper
113 100
55 214.3 218.5 258.5#
56 158.7 138.5 178.5



#36
4-Chloro-3-methylphenol
Concen: 45.079 ng
RT: 11.915 min Scan# 1502
Delta R.T. -0.016 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:107 Resp: 75258
Ion Ratio Lower Upper
107 100
144 24.0 19.5 29.3
142 72.3 62.0 93.0

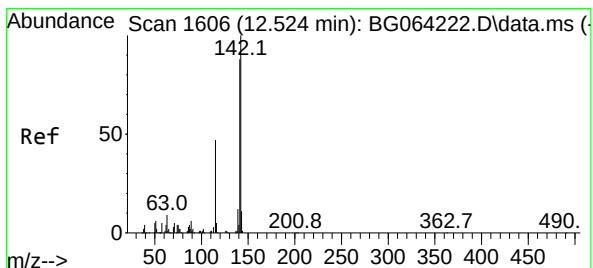
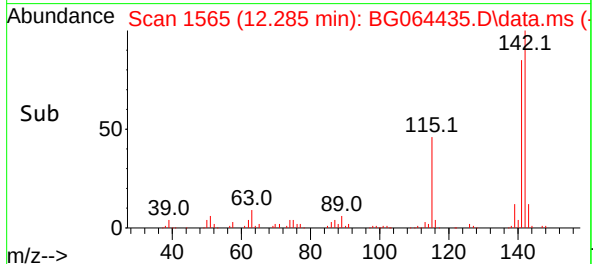
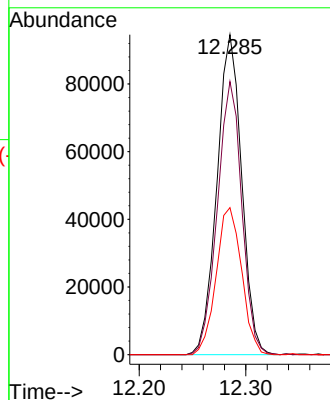
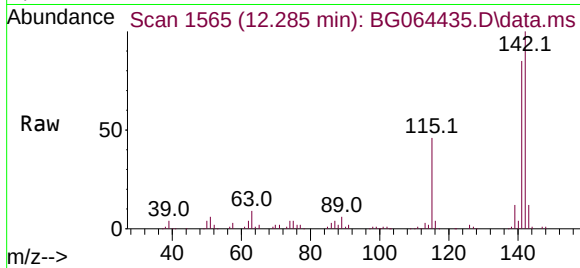




#37
2-Methylnaphthalene
Concen: 46.155 ng
RT: 12.285 min Scan# 1569
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

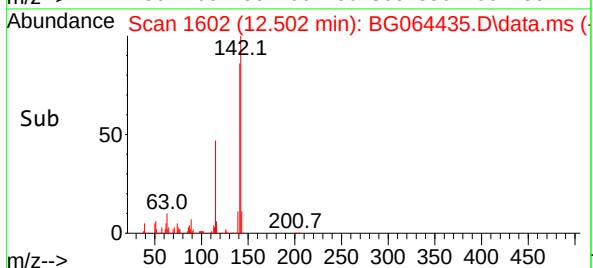
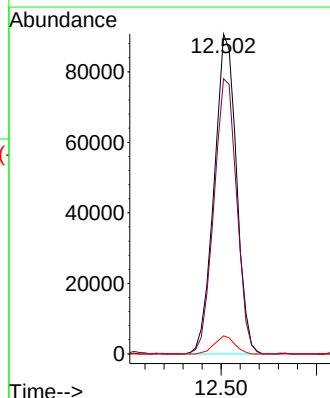
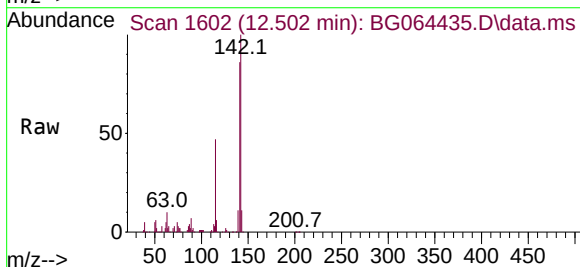
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

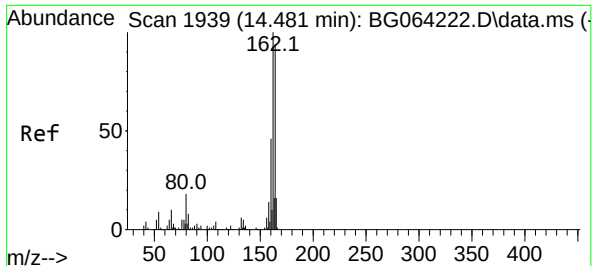
Tgt Ion:142 Resp: 152650
Ion Ratio Lower Upper
142 100
141 85.3 70.1 105.1
115 45.9 33.1 49.7



#38
1-Methylnaphthalene
Concen: 45.120 ng m
RT: 12.502 min Scan# 1602
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:142 Resp: 147398
Ion Ratio Lower Upper
142 100
141 86.0 70.3 105.5
116 5.6 3.7 5.5#

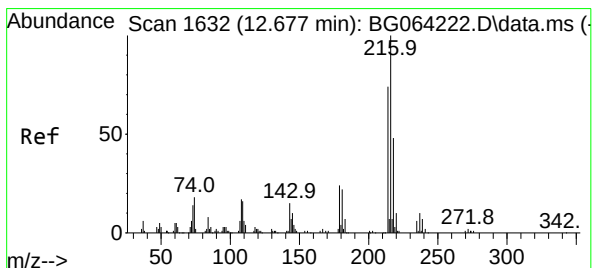
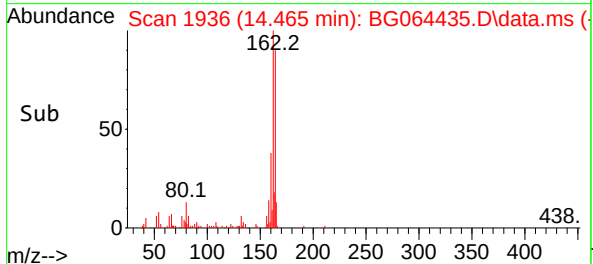
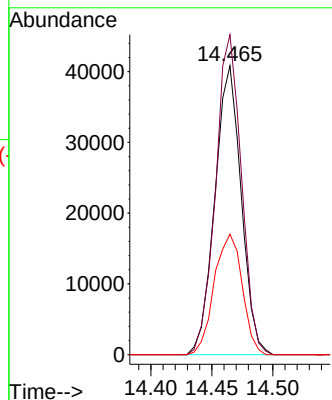
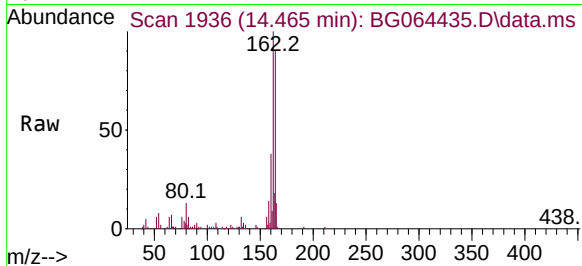




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.465 min Scan# 1936
Delta R.T. -0.016 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

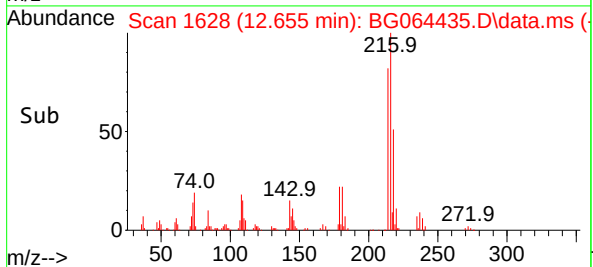
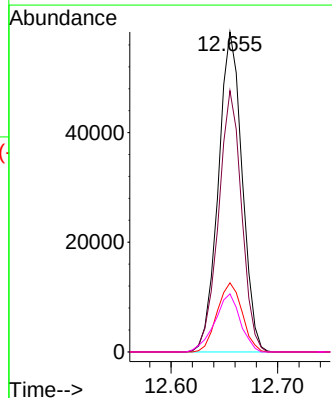
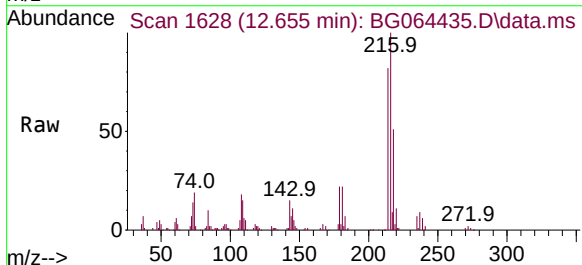
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

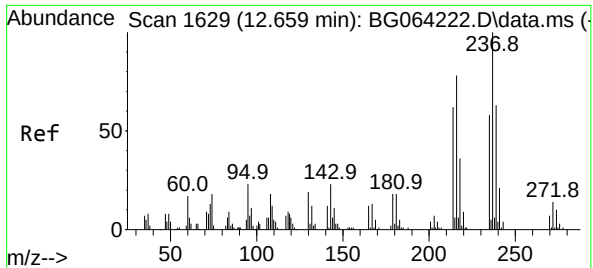
Tgt Ion:	164	Resp:	61310
Ion	Ratio	Lower	Upper
164	100		
162	110.8	85.4	128.0
160	41.7	39.2	58.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.207 ng
RT: 12.655 min Scan# 1628
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:	216	Resp:	90585
Ion	Ratio	Lower	Upper
216	100		
214	79.1	61.9	92.9
179	22.6	17.9	26.9
108	19.4	15.0	22.4

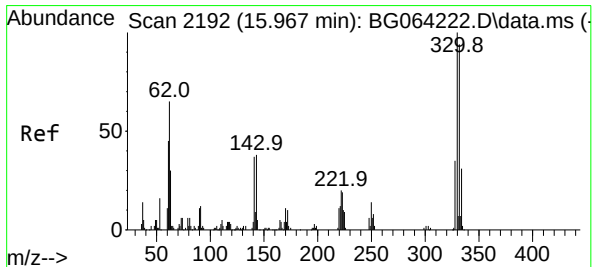
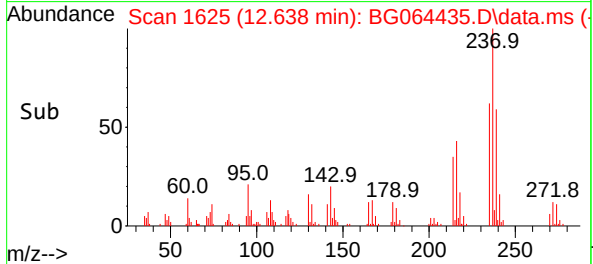
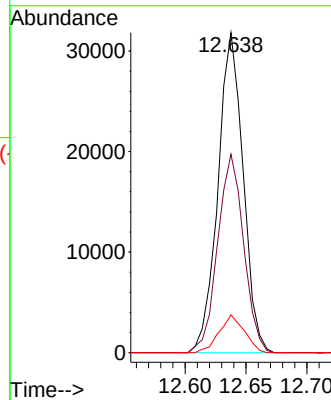
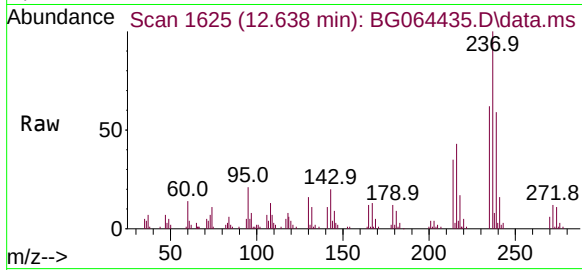




#41
Hexachlorocyclopentadiene
Concen: 54.425 ng
RT: 12.638 min Scan# 1625
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

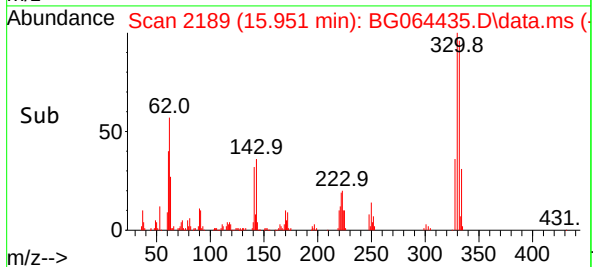
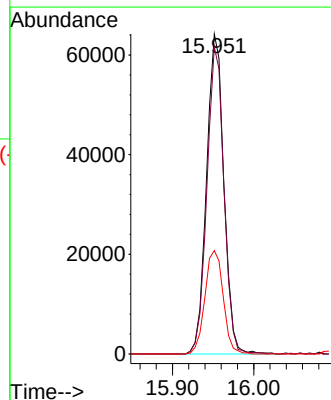
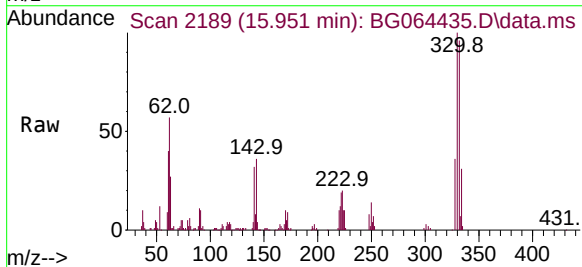
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

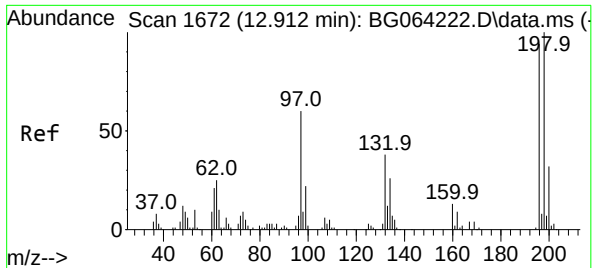
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.0	37.9	77.9
272	11.8	0.0	33.8



#42
2,4,6-Tribromophenol
Concen: 117.191 ng
RT: 15.951 min Scan# 2189
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

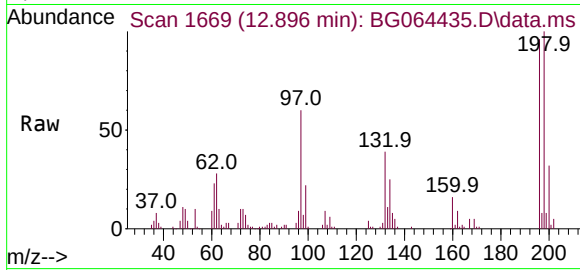
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.6	116.4
141	34.0	29.8	44.6



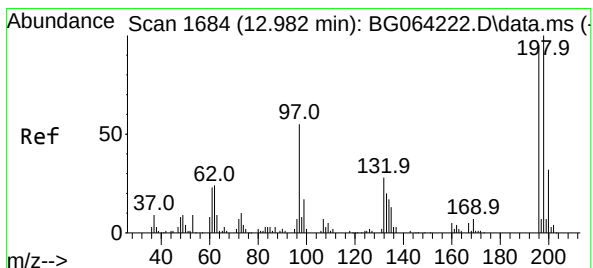
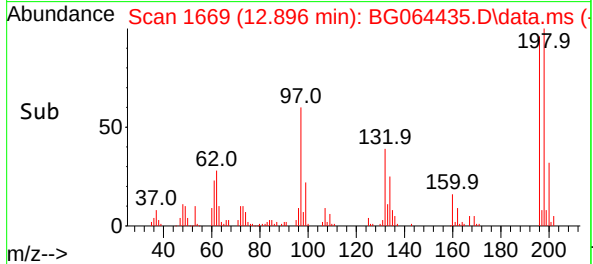
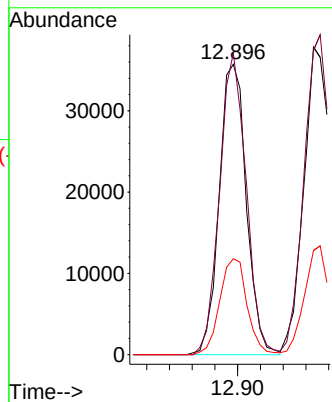


#43
2,4,6-Trichlorophenol
Concen: 49.967 ng
RT: 12.896 min Scan# 1669
Delta R.T. -0.016 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

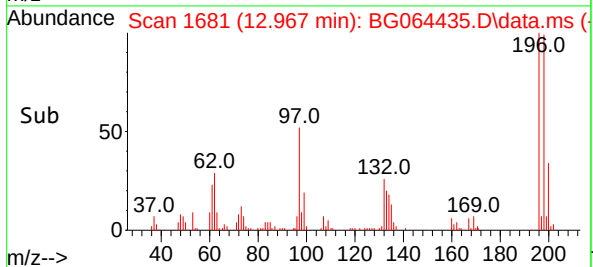
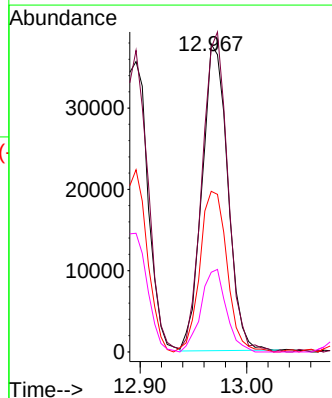
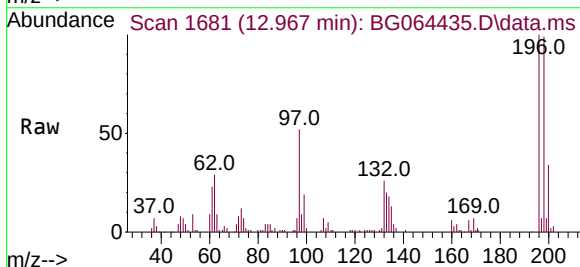


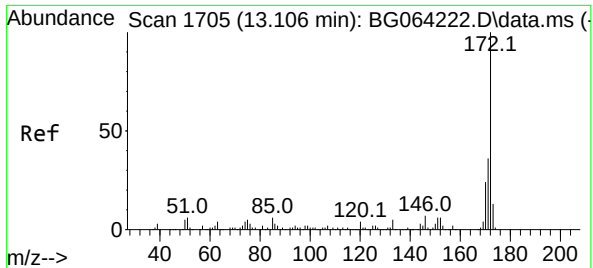
Tgt Ion:196 Resp: 59079
Ion Ratio Lower Upper
196 100
198 103.8 85.4 128.2
200 33.0 27.3 40.9



#44
2,4,5-Trichlorophenol
Concen: 49.297 ng
RT: 12.967 min Scan# 1681
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:196 Resp: 63228
Ion Ratio Lower Upper
196 100
198 98.9 84.5 126.7
97 52.2 46.8 70.2
132 25.9 23.4 35.2

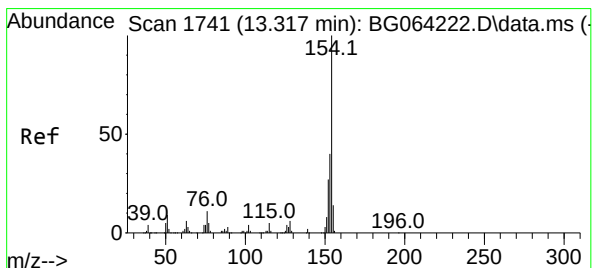
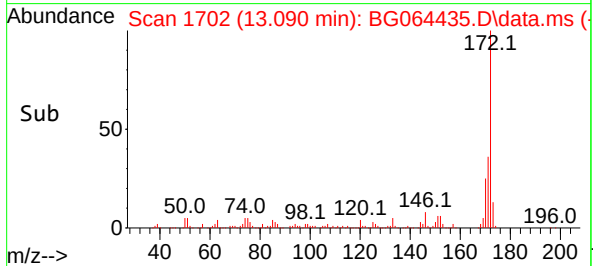
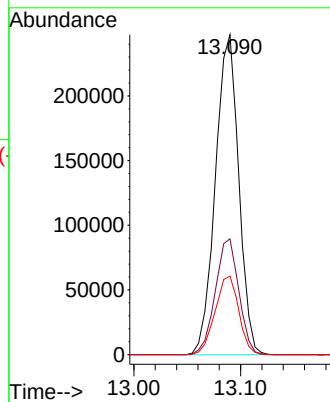
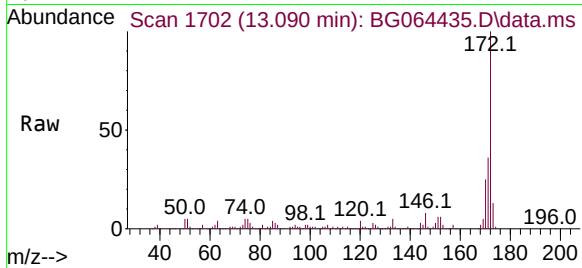




#45
2-Fluorobiphenyl
Concen: 93.587 ng
RT: 13.090 min Scan# 1705
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

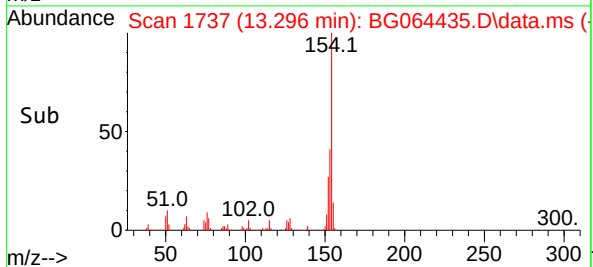
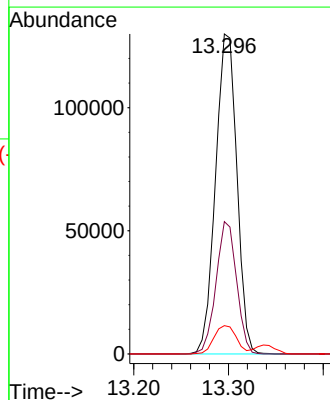
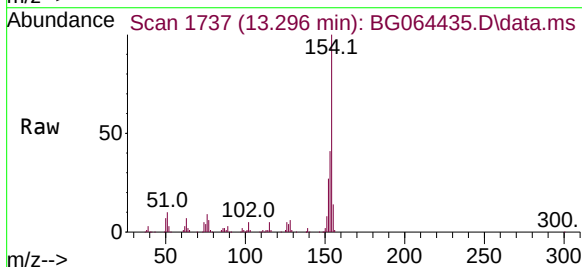
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

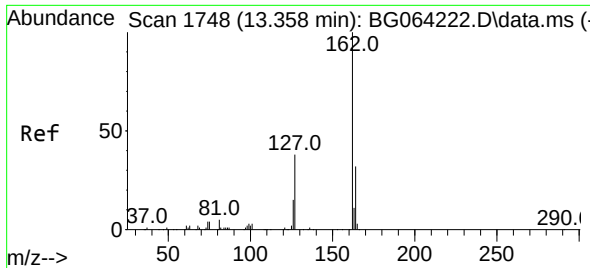
Tgt Ion:172 Resp: 375917
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 24.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 45.443 ng
RT: 13.296 min Scan# 1737
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:154 Resp: 202926
Ion Ratio Lower Upper
154 100
153 41.3 19.9 59.9
76 8.9 0.0 30.9

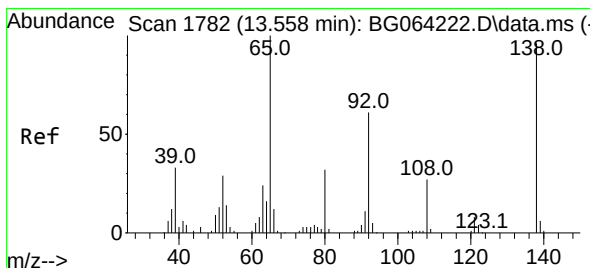
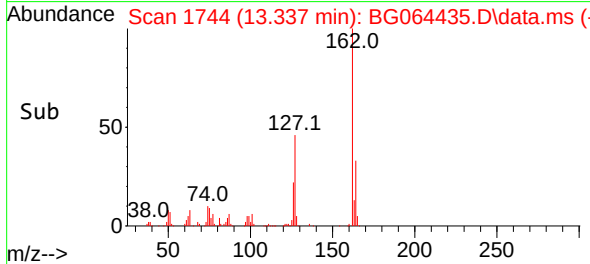
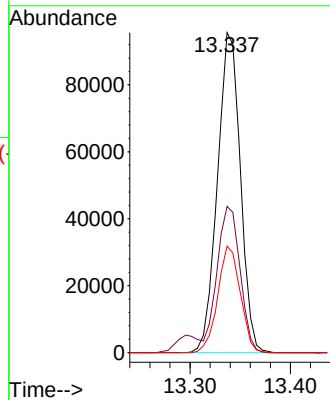
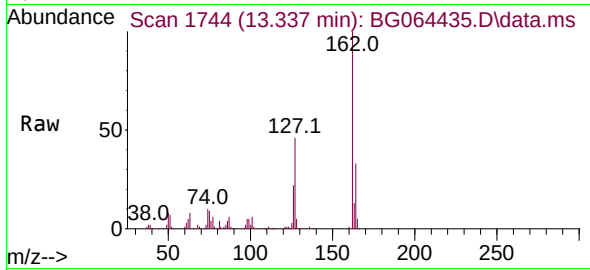




#47
2-Chloronaphthalene
Concen: 45.296 ng
RT: 13.337 min Scan# 1744
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

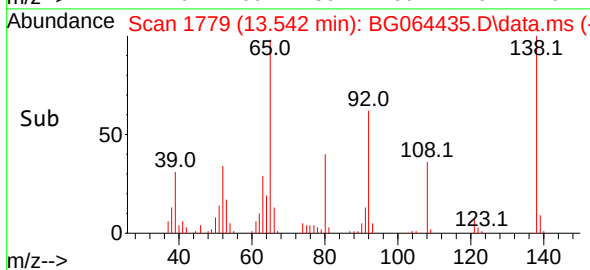
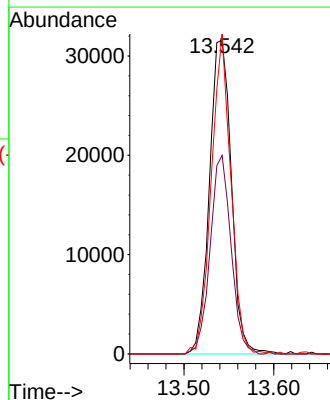
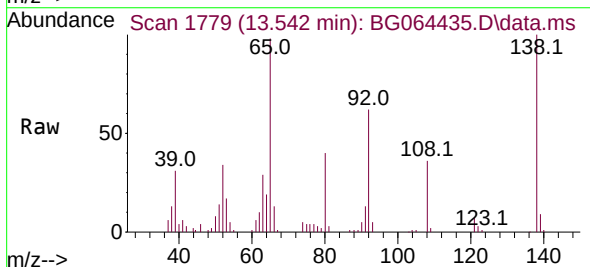
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

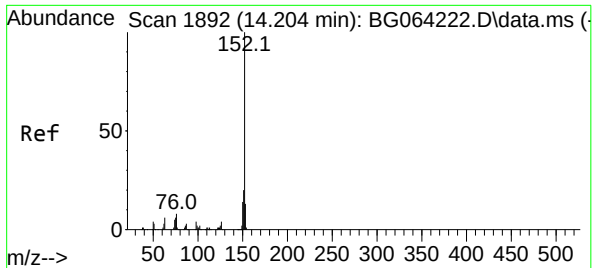
Tgt Ion:162 Resp: 152064
Ion Ratio Lower Upper
162 100
127 45.7 33.9 50.9
164 33.3 25.4 38.2



#48
2-Nitroaniline
Concen: 46.755 ng
RT: 13.542 min Scan# 1779
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion: 65 Resp: 53499
Ion Ratio Lower Upper
65 100
92 63.2 49.2 73.8
138 101.9 76.8 115.2





#49

Acenaphthylene

Concen: 46.127 ng

RT: 14.183 min Scan# 1888

Delta R.T. -0.022 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

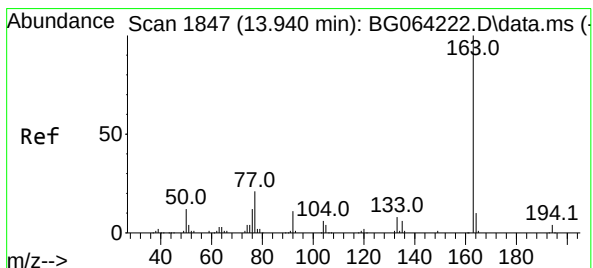
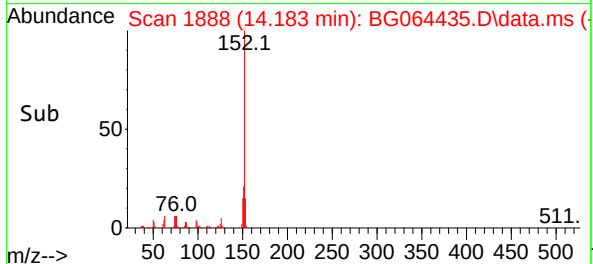
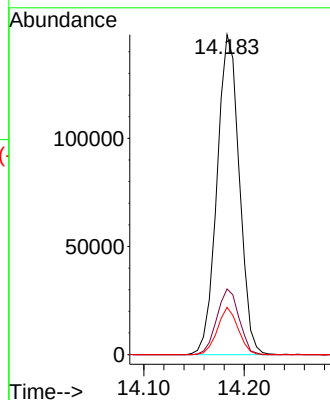
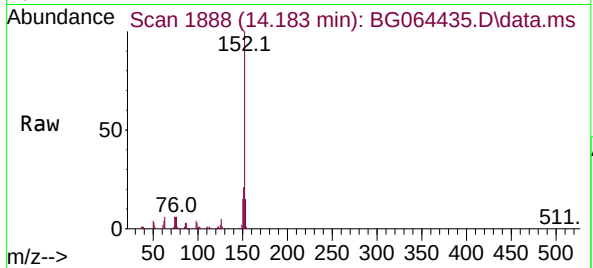
Tgt Ion:152 Resp: 228909

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

153 14.8 10.1 15.1



#50

Dimethylphthalate

Concen: 44.496 ng

RT: 13.918 min Scan# 1843

Delta R.T. -0.028 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

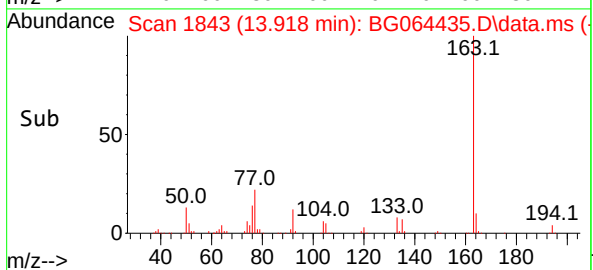
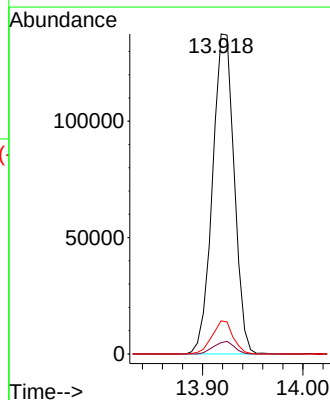
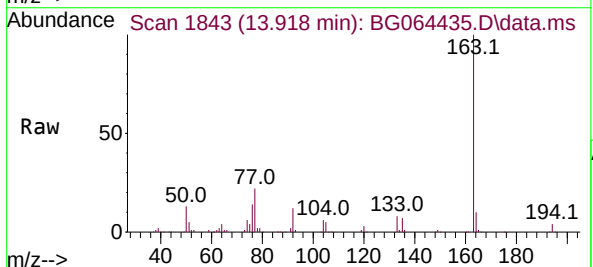
Tgt Ion:163 Resp: 206493

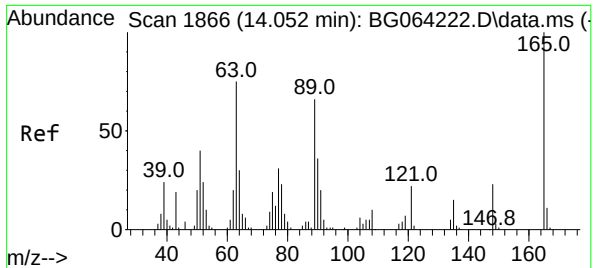
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

164 10.3 7.9 11.9

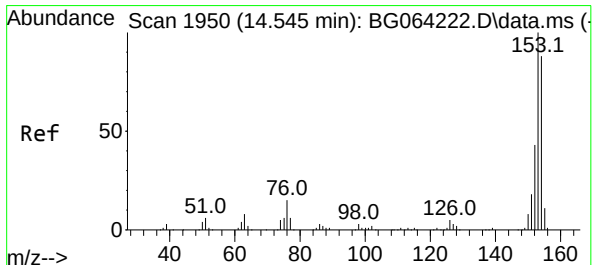
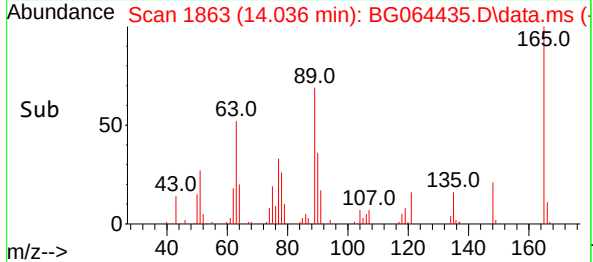
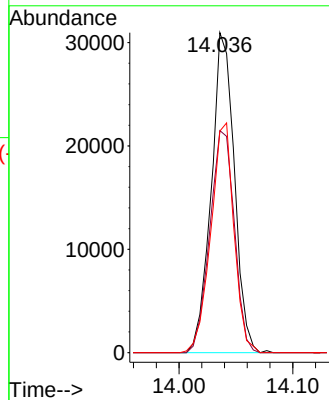
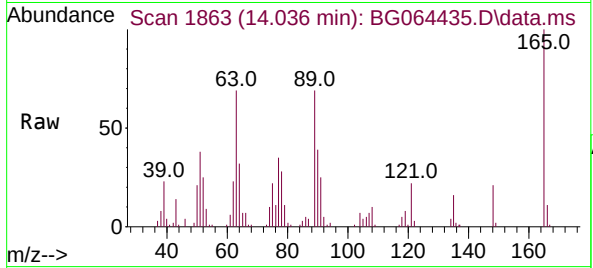




#51
2,6-Dinitrotoluene
Concen: 48.554 ng
RT: 14.036 min Scan# 1866
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

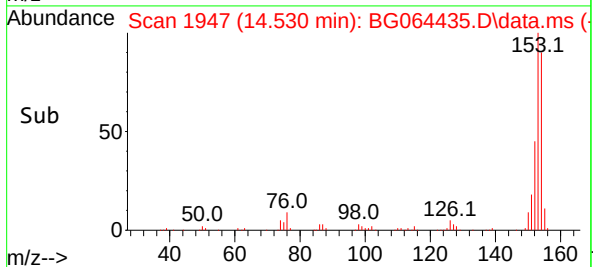
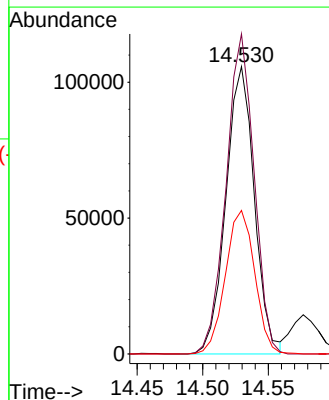
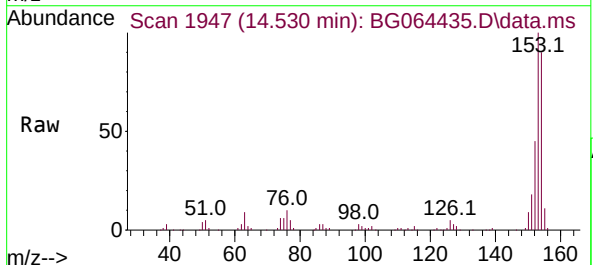
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

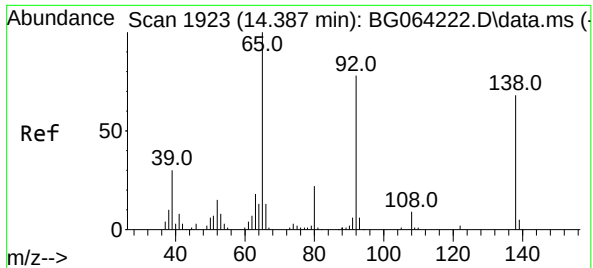
Tgt Ion:165 Resp: 43621
Ion Ratio Lower Upper
165 100
63 69.4 60.3 90.5
89 69.2 52.9 79.3



#52
Acenaphthene
Concen: 45.585 ng
RT: 14.530 min Scan# 1947
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:154 Resp: 159646
Ion Ratio Lower Upper
154 100
153 111.4 91.1 136.7
152 49.9 39.6 59.4

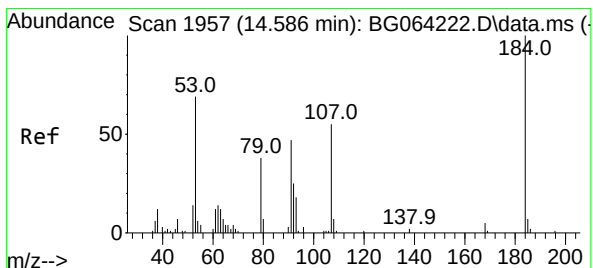
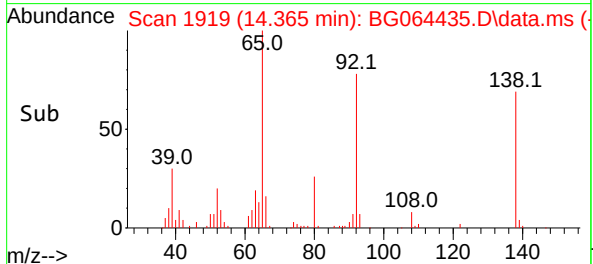
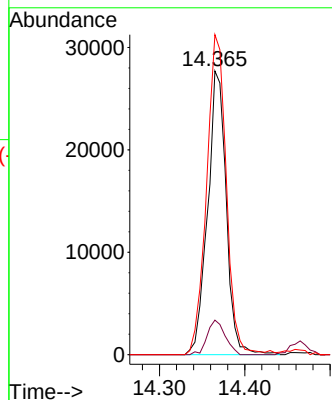
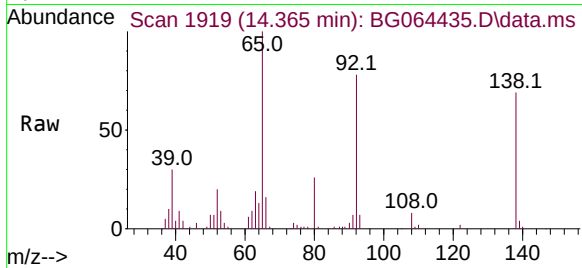




#53
3-Nitroaniline
Concen: 44.599 ng
RT: 14.365 min Scan# 1919
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

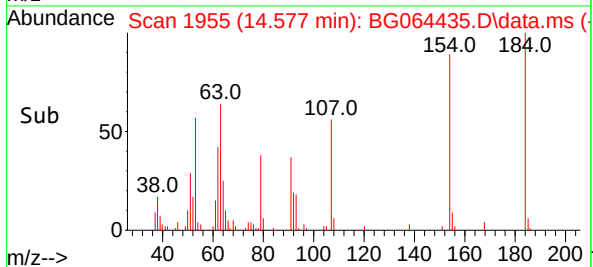
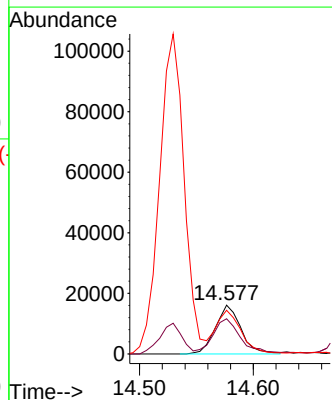
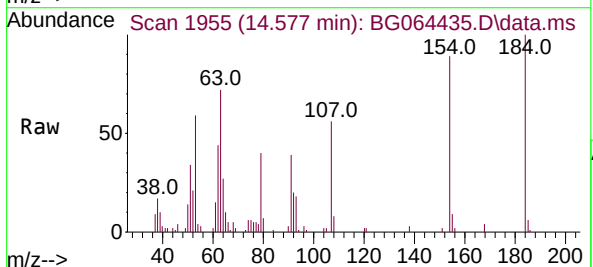
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

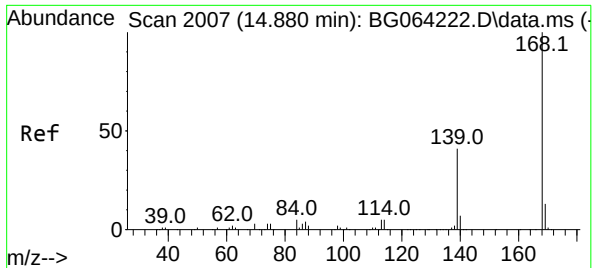
Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.2	11.0	16.6
92	112.9	91.4	137.0



#54
2,4-Dinitrophenol
Concen: 45.261 ng
RT: 14.577 min Scan# 1955
Delta R.T. -0.015 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.1	60.1	90.1
154	89.5	59.8	89.8

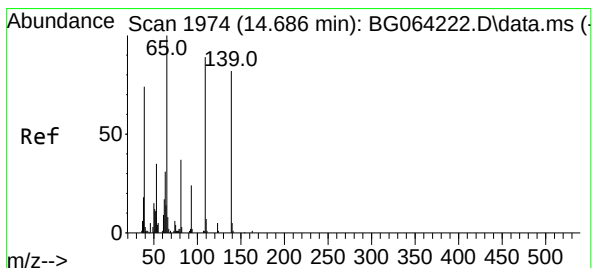
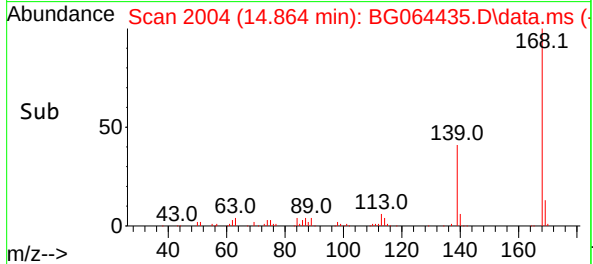
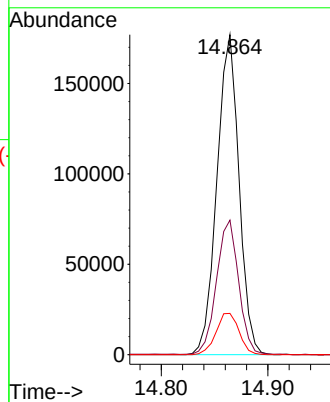
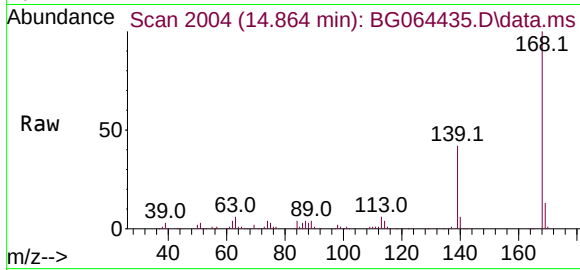




#55
Dibenzenofuran
Concen: 46.371 ng
RT: 14.864 min Scan# 2007
Delta R.T. -0.016 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

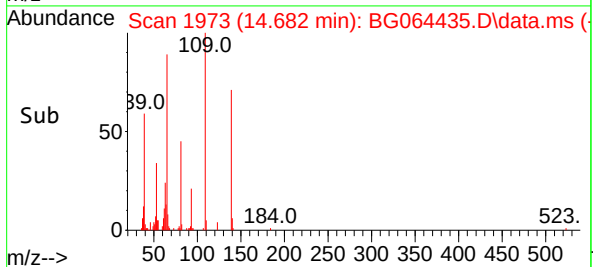
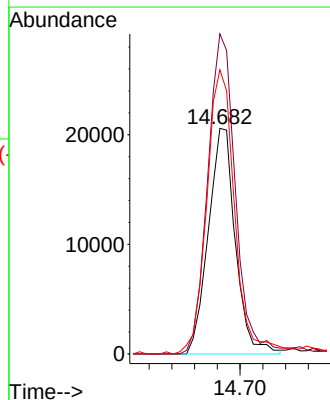
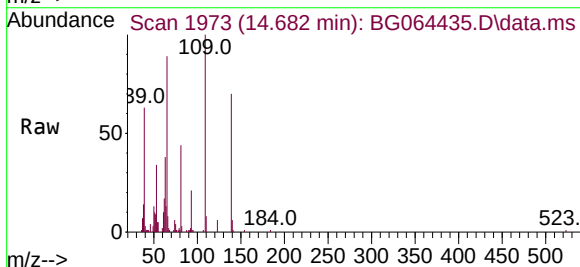
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

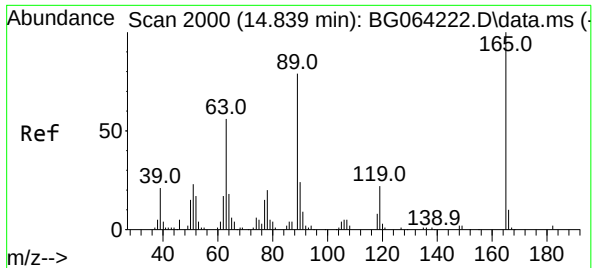
Tgt Ion:168 Resp: 255440
Ion Ratio Lower Upper
168 100
139 42.0 33.2 49.8
169 12.9 10.4 15.6



#56
4-Nitrophenol
Concen: 43.892 ng
RT: 14.682 min Scan# 1973
Delta R.T. -0.016 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:139 Resp: 33883
Ion Ratio Lower Upper
139 100
109 141.9 89.1 129.1#
65 126.0 102.9 142.9

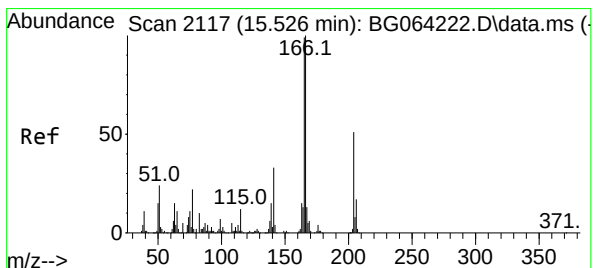
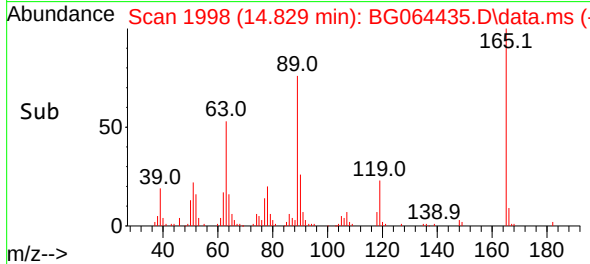
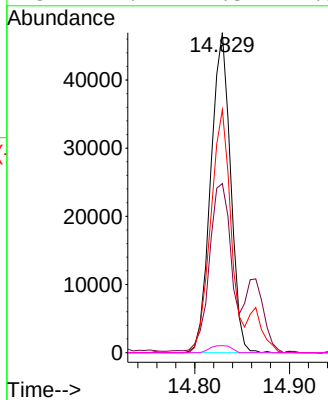
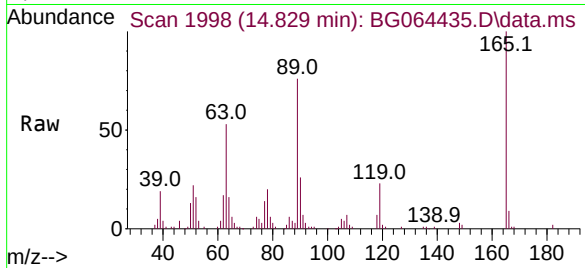




#57
2,4-Dinitrotoluene
Concen: 50.042 ng
RT: 14.829 min Scan# 1998
Delta R.T. -0.016 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

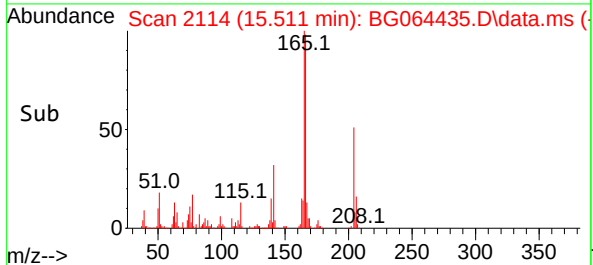
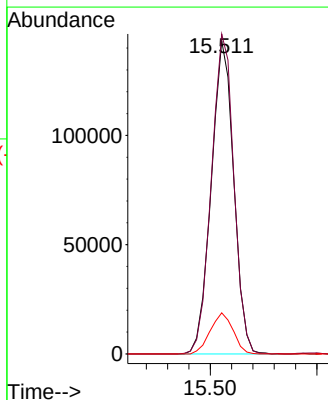
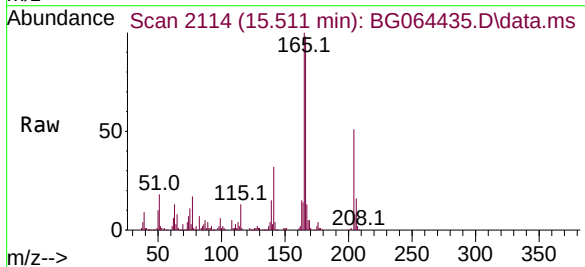
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

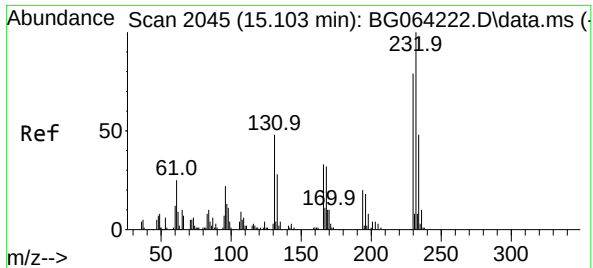
Tgt Ion:165 Resp: 67977
Ion Ratio Lower Upper
165 100
63 52.8 44.6 67.0
89 75.9 63.0 94.4
182 2.2 1.5 2.3



#58
Fluorene
Concen: 46.424 ng
RT: 15.511 min Scan# 2114
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:166 Resp: 209603
Ion Ratio Lower Upper
166 100
165 102.2 79.1 118.7
167 13.1 10.2 15.4

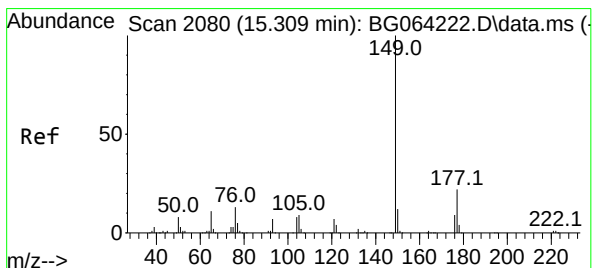
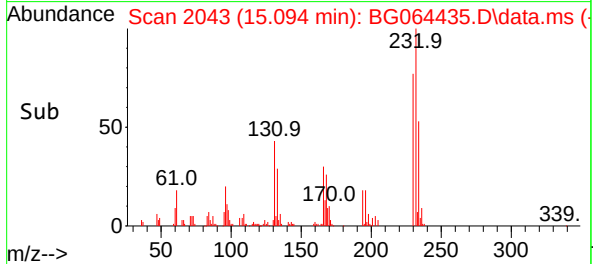
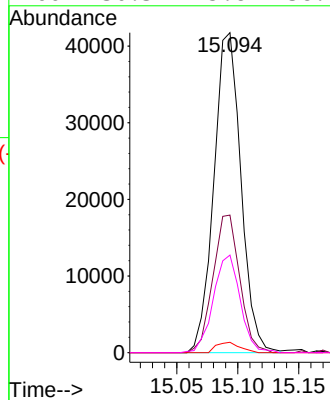
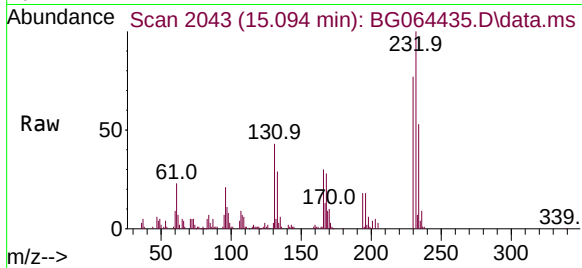




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.224 ng
RT: 15.094 min Scan# 2043
Delta R.T. -0.016 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

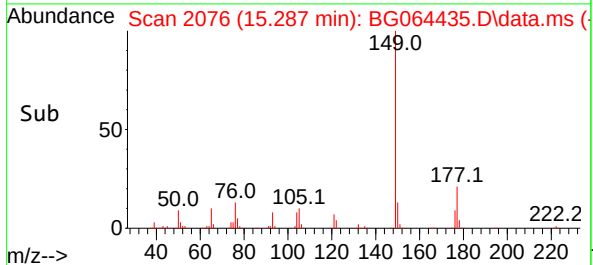
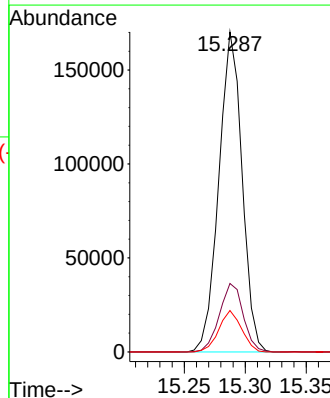
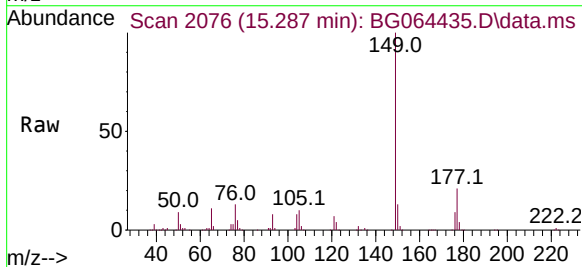
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

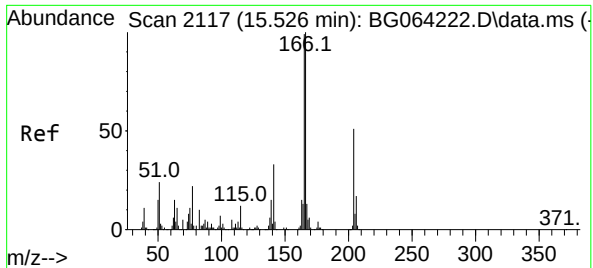
Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.4	37.1	55.7
130	2.8	2.6	3.8
166	30.3	25.8	38.6



#60
Diethylphthalate
Concen: 45.248 ng
RT: 15.287 min Scan# 2076
Delta R.T. -0.028 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.5	26.3
150	12.9	9.9	14.9

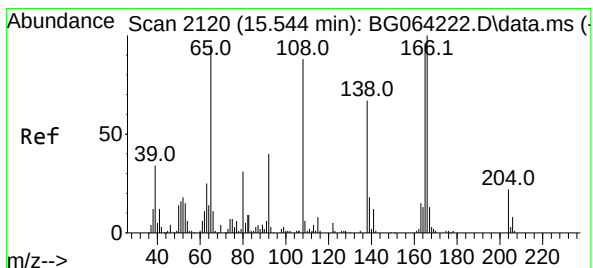
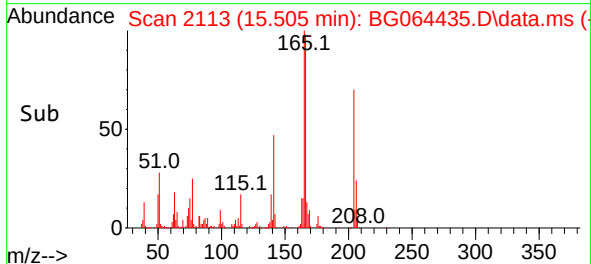
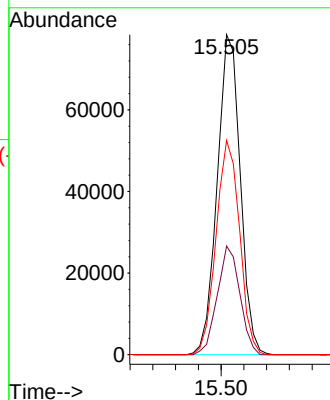
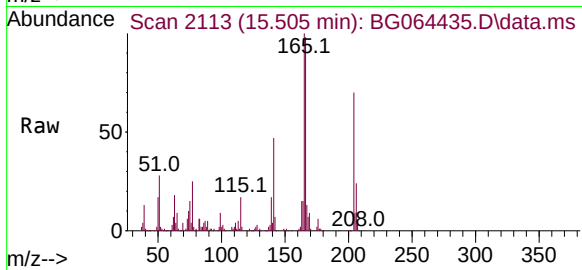




#61
4-Chlorophenyl-phenylether
Concen: 49.063 ng
RT: 15.505 min Scan# 2113
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

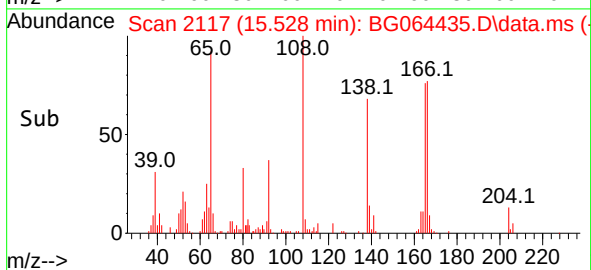
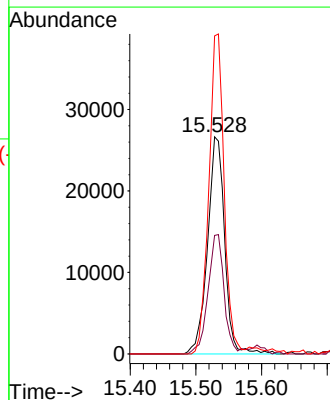
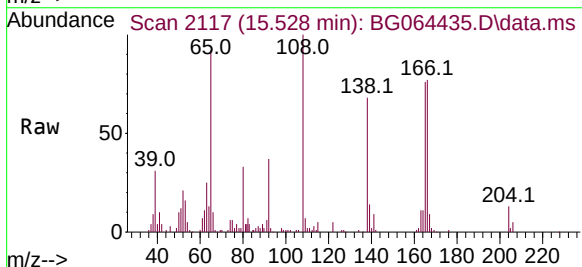
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

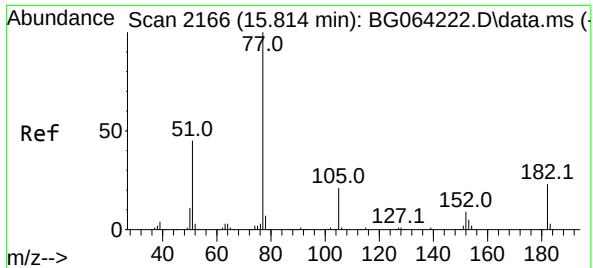
Tgt Ion	204	Resp	110447
Ion Ratio	Lower	Upper	
204	100		
206	33.9	26.2	39.4
141	66.9	51.9	77.9



#62
4-Nitroaniline
Concen: 50.153 ng
RT: 15.528 min Scan# 2117
Delta R.T. -0.028 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion	138	Resp	48161
Ion Ratio	Lower	Upper	
138	100		
92	54.6	39.1	79.1
108	146.6	111.3	151.3

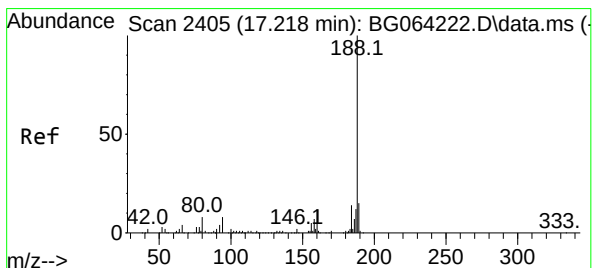
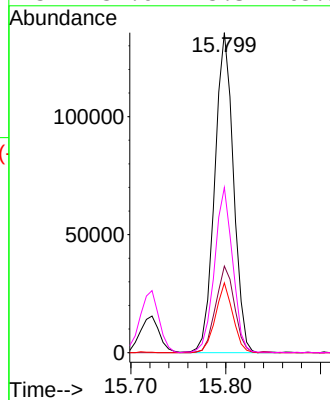
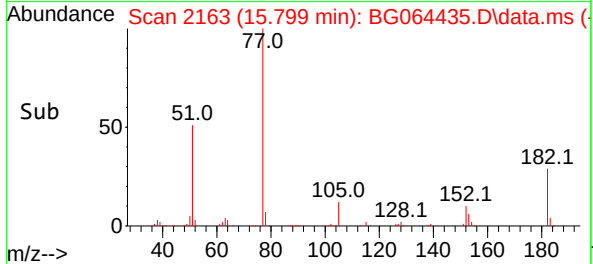
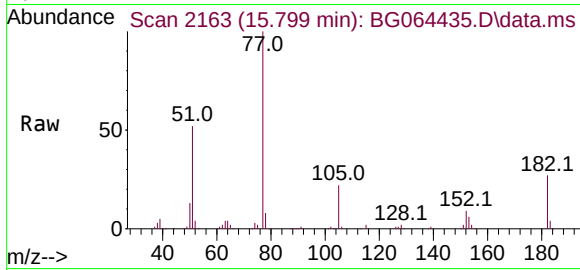




#63
Azobenzene
Concen: 42.140 ng
RT: 15.799 min Scan# 2163
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

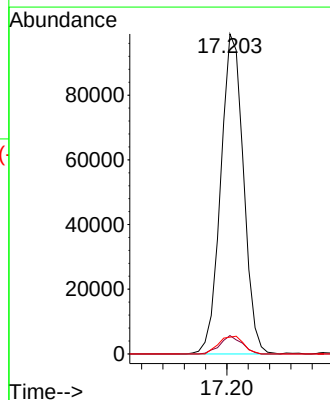
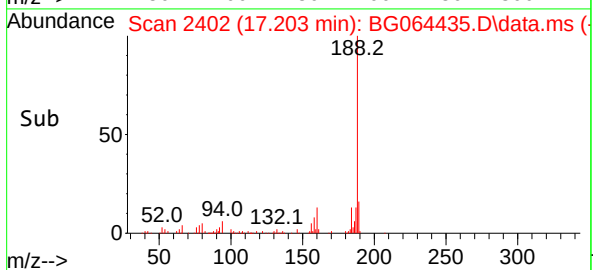
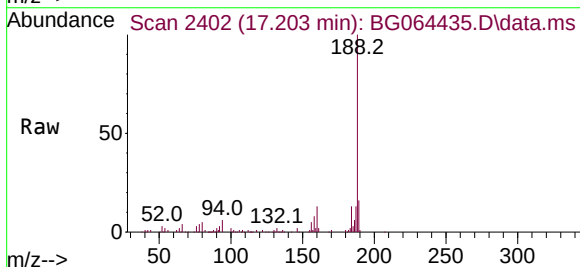
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

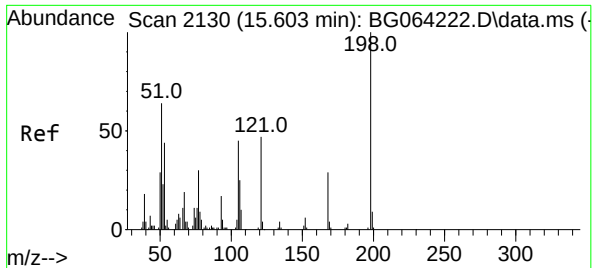
Tgt Ion:	77	Resp:	186535
Ion Ratio	Lower	Upper	
77	100		
182	27.1	3.3	43.3
105	21.8	0.6	40.6
51	51.6	25.3	65.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2402
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:	188	Resp:	146814
Ion Ratio	Lower	Upper	
188	100		
94	5.7	6.2	9.4#
80	5.2	6.8	10.2#

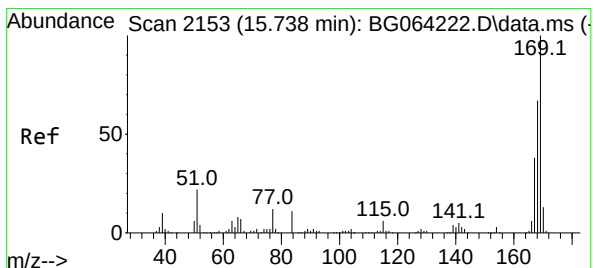
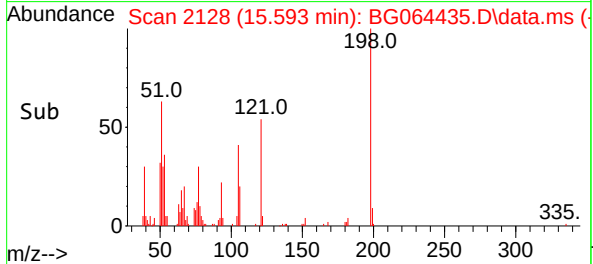
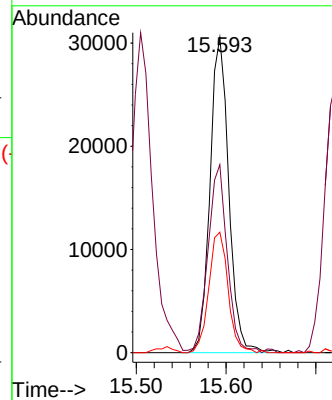
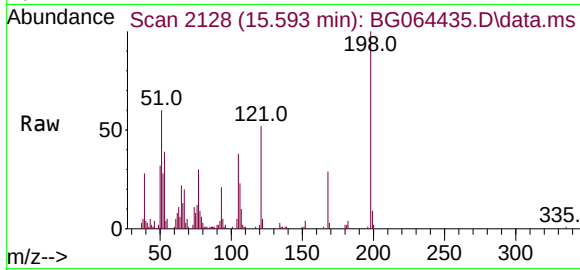




#65
4,6-Dinitro-2-methylphenol
Concen: 52.647 ng
RT: 15.593 min Scan# 2130
Delta R.T. -0.016 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

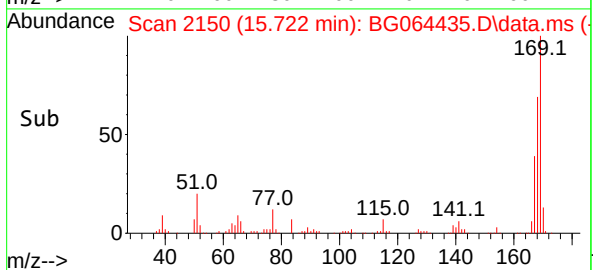
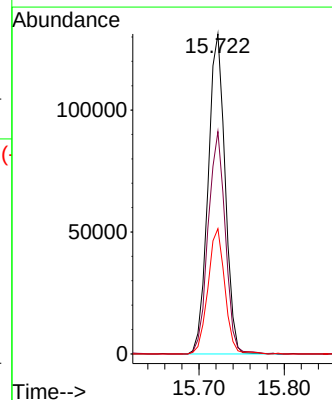
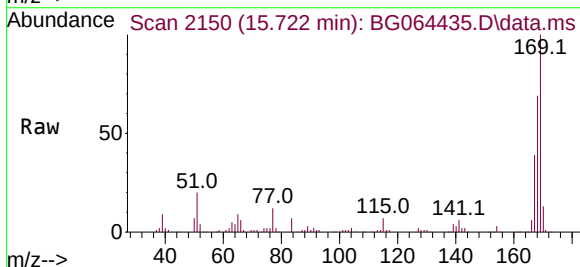
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

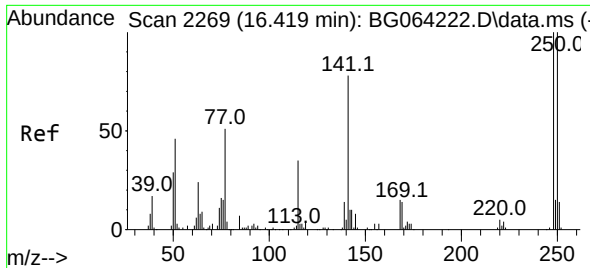
Tgt Ion	198	51	105
Resp:	44376		
Ratio	100	59.6	38.2
Lower		46.2	25.0
Upper		86.2	65.0



#66
n-Nitrosodiphenylamine
Concen: 44.935 ng
RT: 15.722 min Scan# 2150
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion	169	168	167
Resp:	181478		
Ratio	100	69.5	39.1
Lower		53.8	30.2
Upper		80.8	45.2

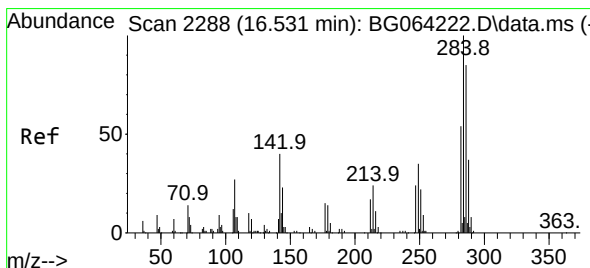
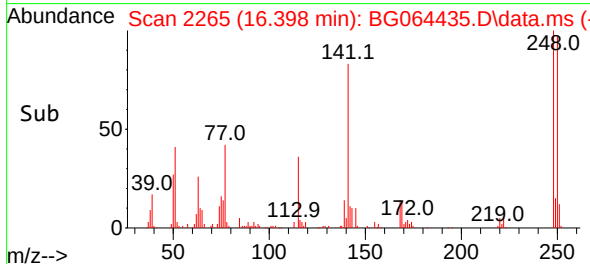
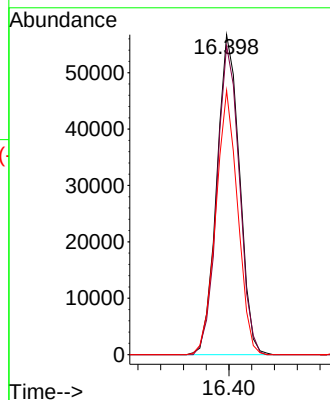
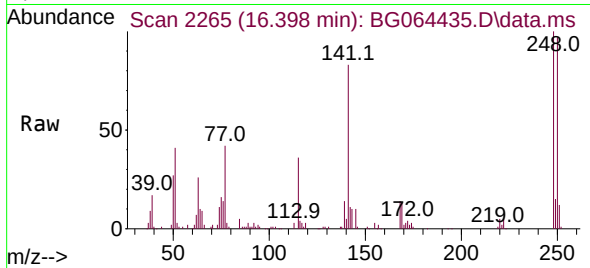




#67
4-Bromophenyl-phenylether
Concen: 50.470 ng
RT: 16.398 min Scan# 21
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

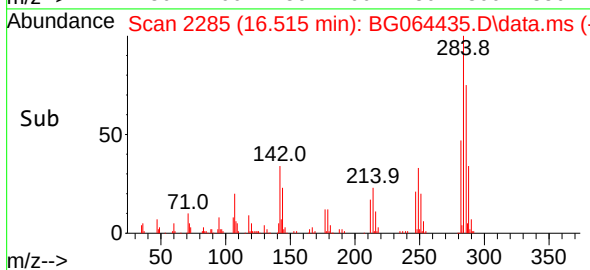
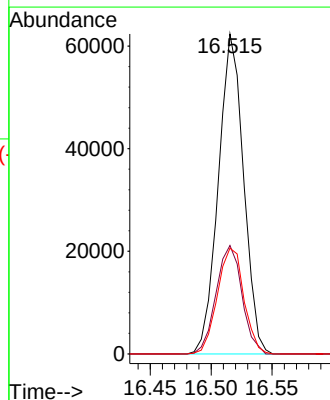
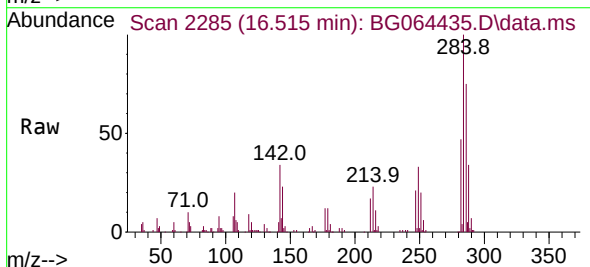
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

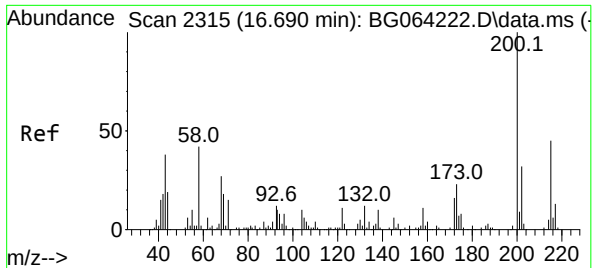
Tgt Ion:248 Resp: 78700
Ion Ratio Lower Upper
248 100
250 96.6 80.2 120.4
141 82.5 62.4 93.6



#68
Hexachlorobenzene
Concen: 51.811 ng
RT: 16.515 min Scan# 2285
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:284 Resp: 89717
Ion Ratio Lower Upper
284 100
142 33.9 32.1 48.1
249 33.0 28.3 42.5





#69

Atrazine

Concen: 46.883 ng

RT: 16.674 min Scan# 2312

Delta R.T. -0.022 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

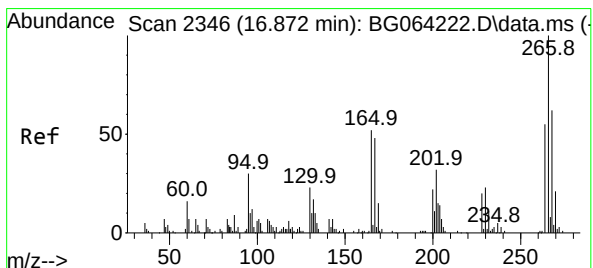
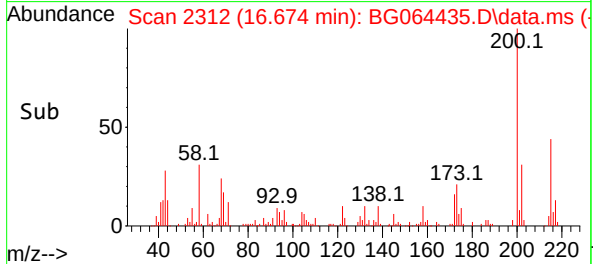
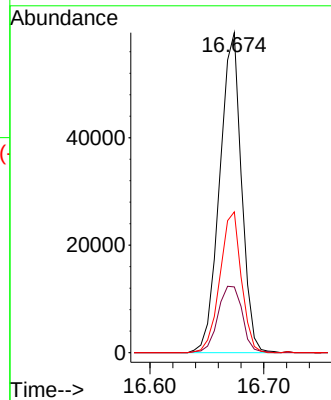
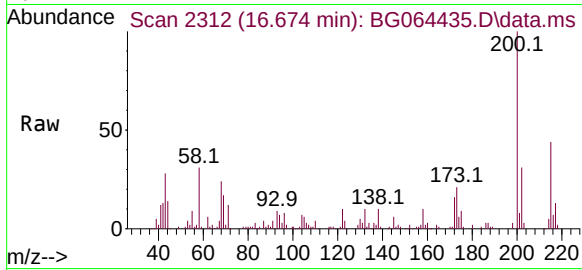
Tgt Ion:200 Resp: 79061

Ion Ratio Lower Upper

200 100

173 20.5 3.5 43.5

215 44.0 24.8 64.8



#70

Pentachlorophenol

Concen: 53.336 ng

RT: 16.862 min Scan# 2344

Delta R.T. -0.016 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

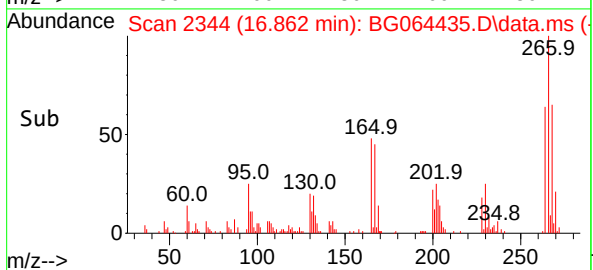
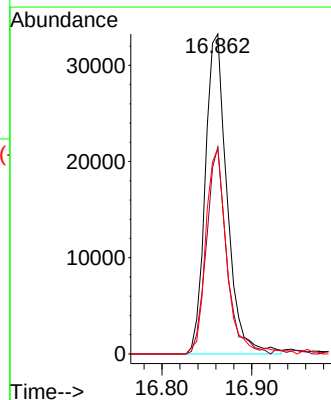
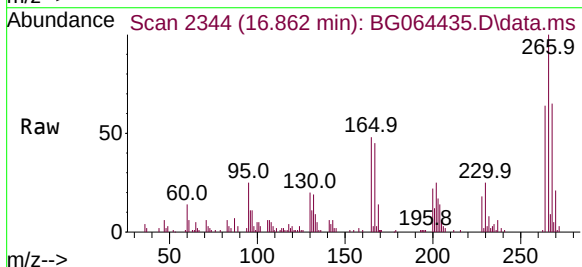
Tgt Ion:266 Resp: 56001

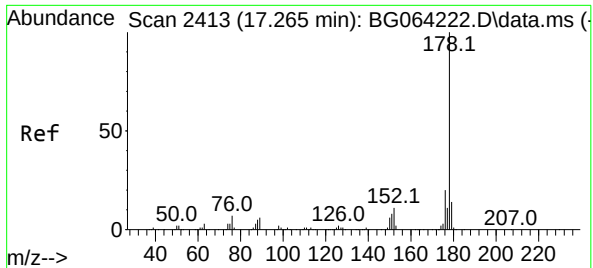
Ion Ratio Lower Upper

266 100

268 64.6 49.4 74.0

264 64.2 44.3 66.5

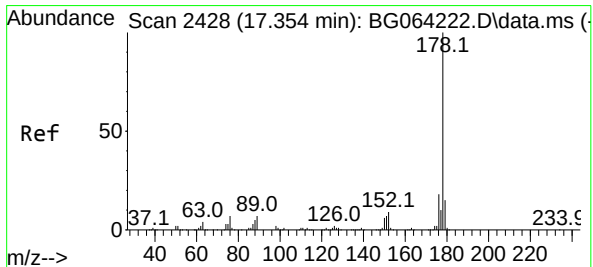
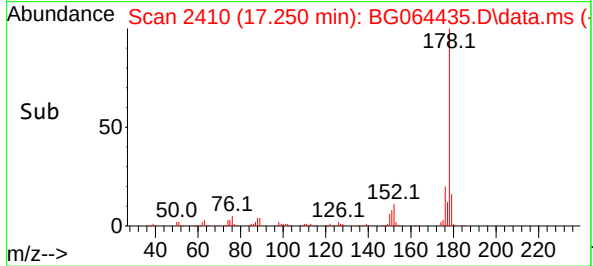
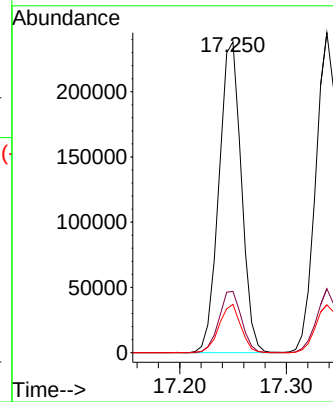
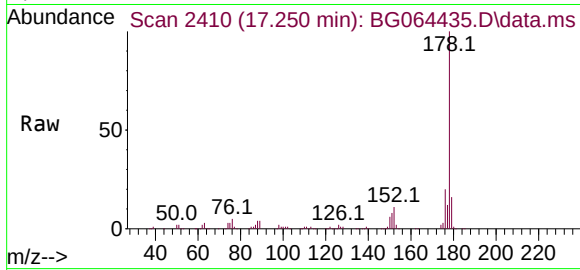




#71
Phenanthrene
Concen: 45.054 ng
RT: 17.250 min Scan# 2413
Delta R.T. -0.016 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

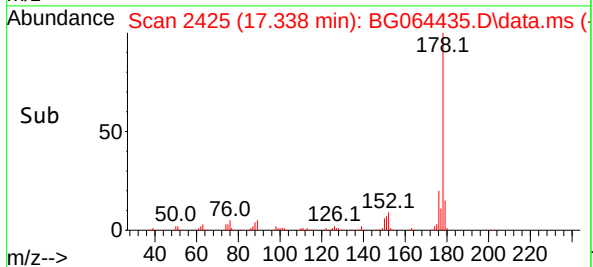
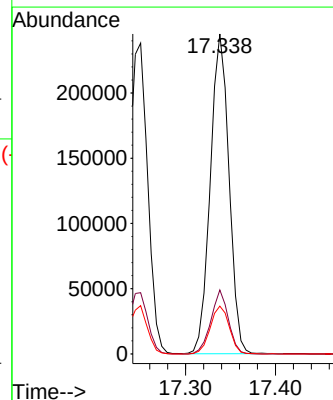
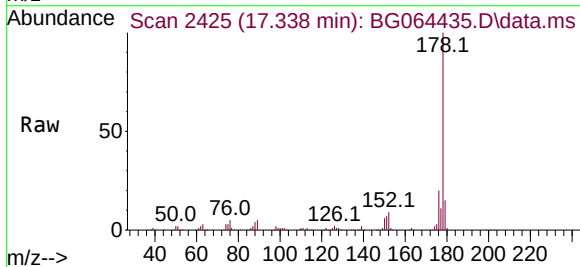
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

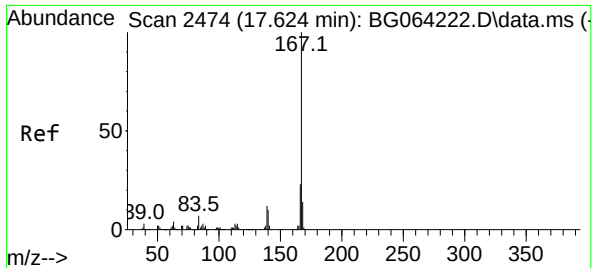
Tgt Ion:178 Resp: 348877
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 15.5 11.4 17.2



#72
Anthracene
Concen: 45.084 ng
RT: 17.338 min Scan# 2425
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:178 Resp: 355120
Ion Ratio Lower Upper
178 100
176 20.0 14.7 22.1
179 14.9 12.1 18.1

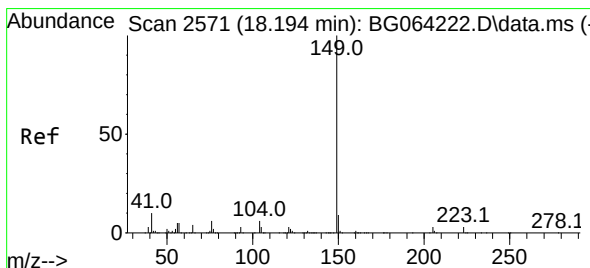
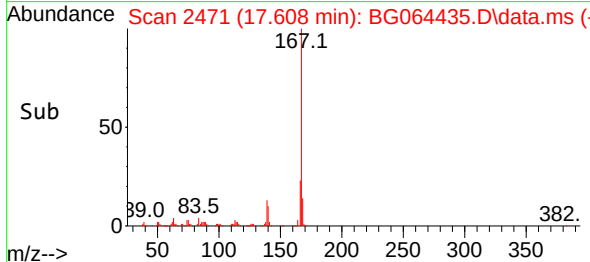
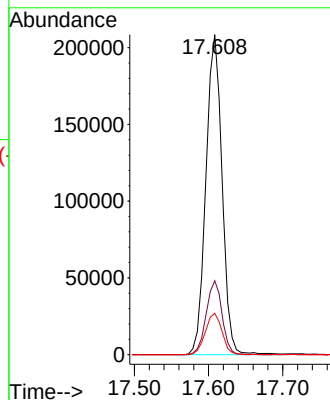
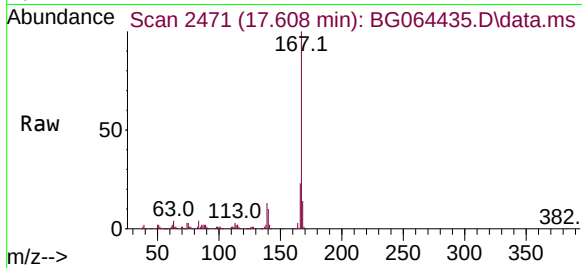




#73
Carbazole
Concen: 45.403 ng
RT: 17.608 min Scan# 2471
Delta R.T. -0.016 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

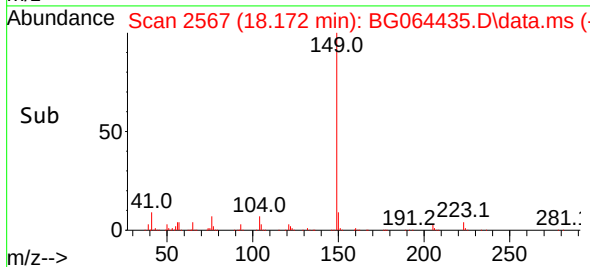
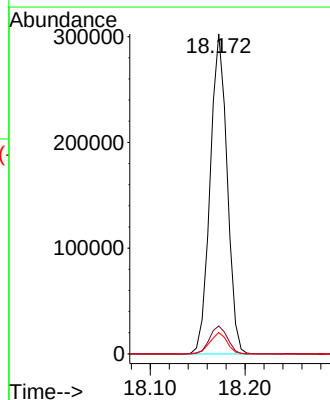
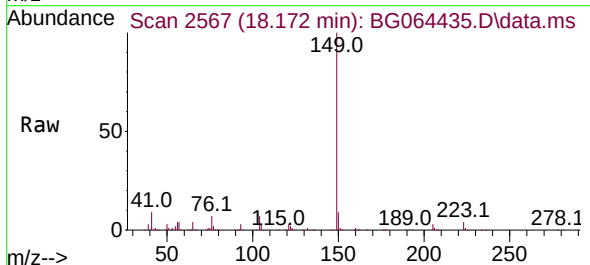
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

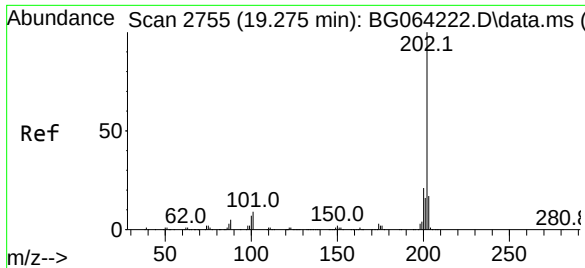
Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.2	27.2
139	13.0	9.8	14.6



#74
Di-n-butylphthalate
Concen: 45.289 ng
RT: 18.172 min Scan# 2567
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.5	11.3
104	6.7	4.6	7.0

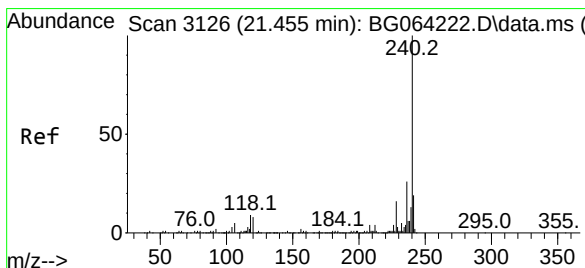
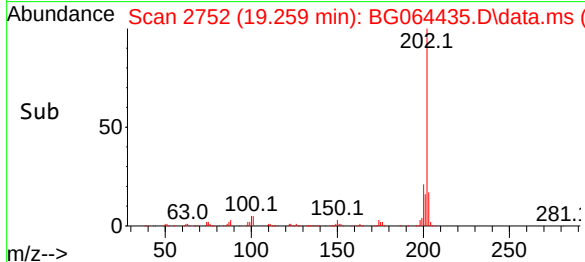
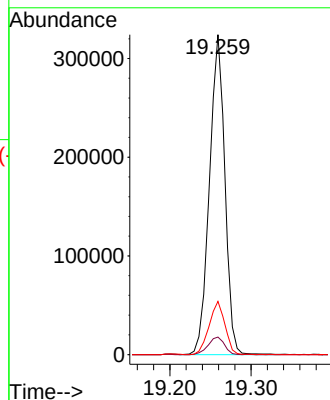
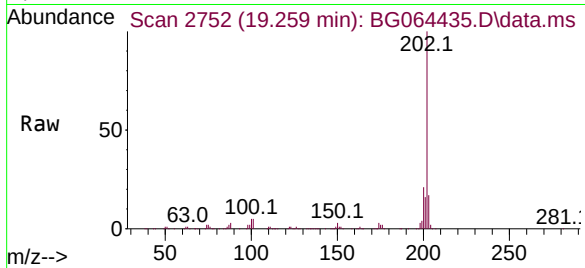




#75
Fluoranthene
Concen: 47.086 ng
RT: 19.259 min Scan# 21
Delta R.T. -0.016 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

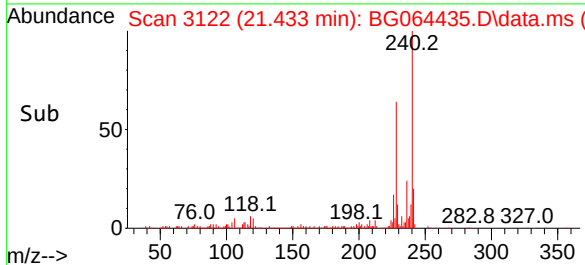
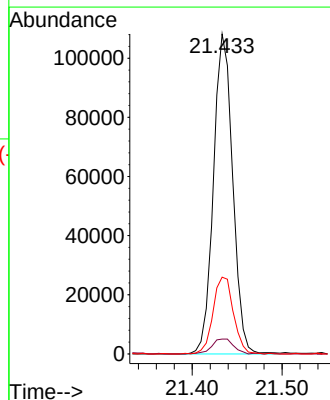
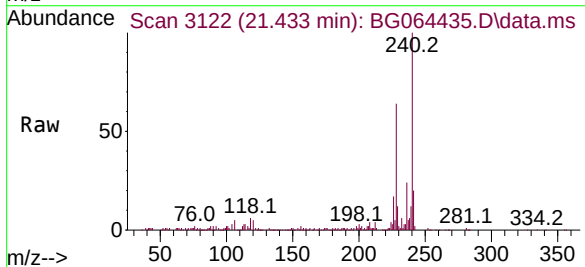
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

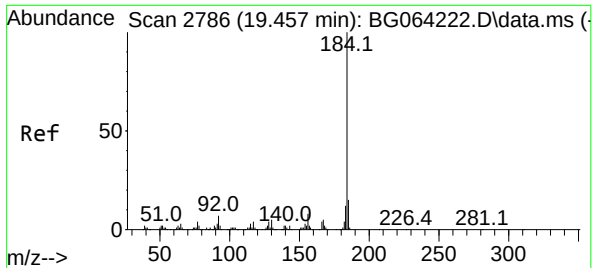
Tgt Ion:202 Resp: 428708
Ion Ratio Lower Upper
202 100
101 5.5 0.0 28.7
203 16.6 0.0 36.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3122
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:240 Resp: 160877
Ion Ratio Lower Upper
240 100
120 4.6 6.2 9.4#
236 24.0 20.5 30.7

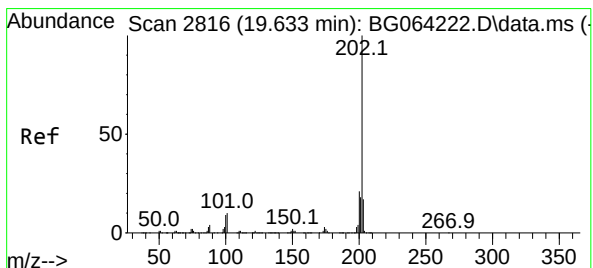
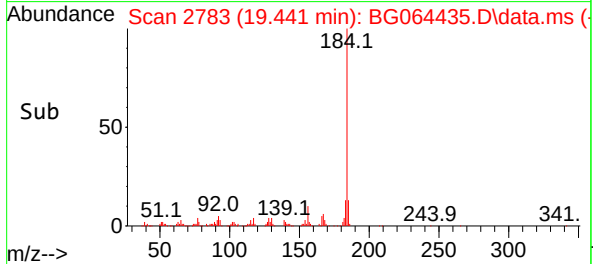
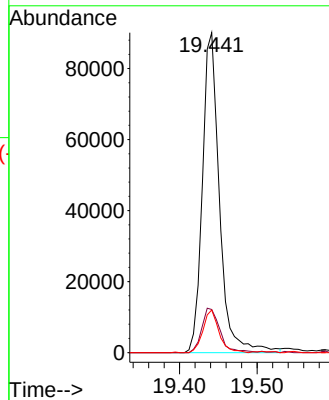
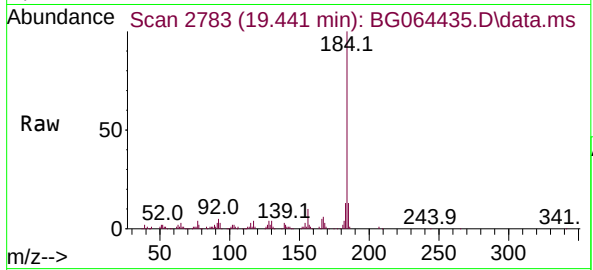




#77
Benzidine
Concen: 40.741 ng
RT: 19.441 min Scan# 21
Delta R.T. -0.016 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

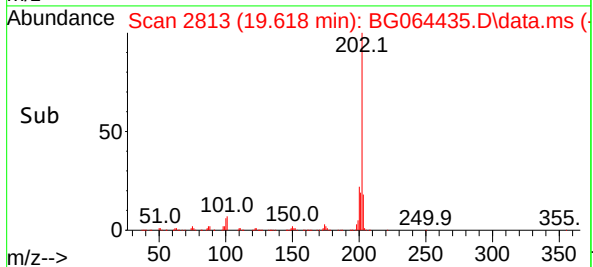
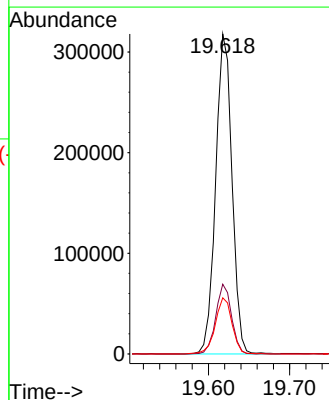
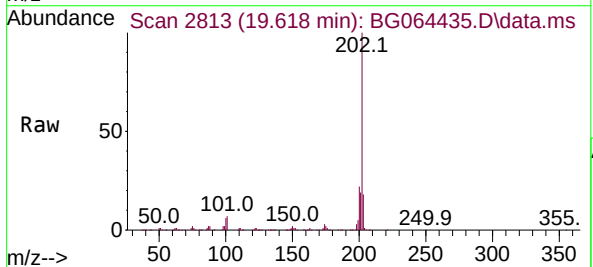
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

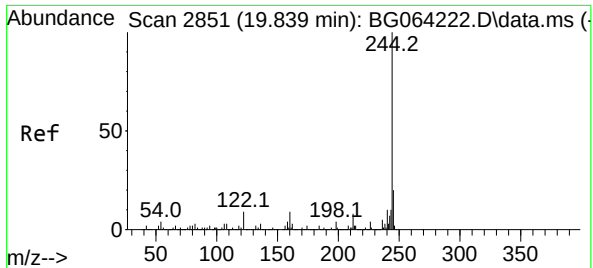
Tgt Ion:184 Resp: 137880
Ion Ratio Lower Upper
184 100
185 13.5 11.7 17.5
183 13.3 9.7 14.5



#78
Pyrene
Concen: 43.746 ng
RT: 19.618 min Scan# 2813
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:202 Resp: 443391
Ion Ratio Lower Upper
202 100
200 21.8 16.9 25.3
203 17.5 13.8 20.8

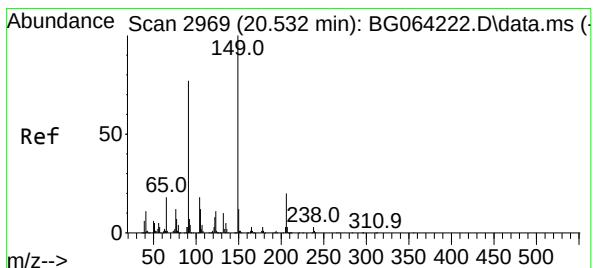
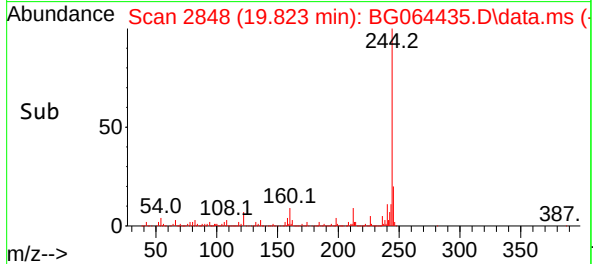
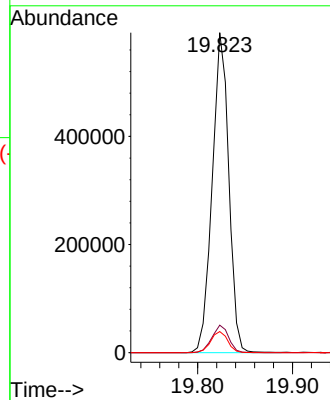
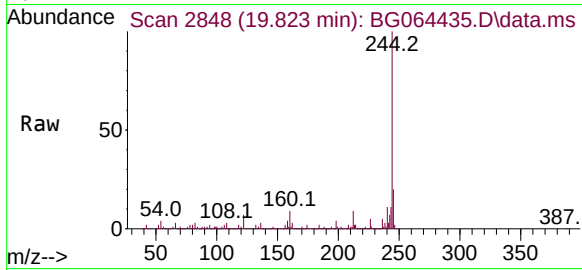




#79
Terphenyl-d14
Concen: 93.267 ng
RT: 19.823 min Scan# 2848
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

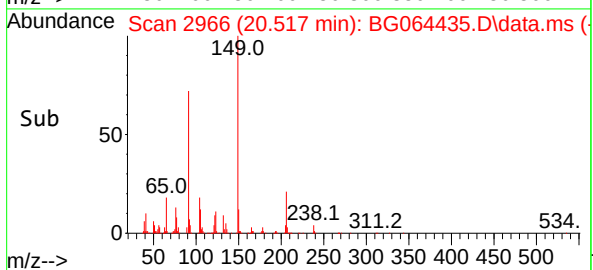
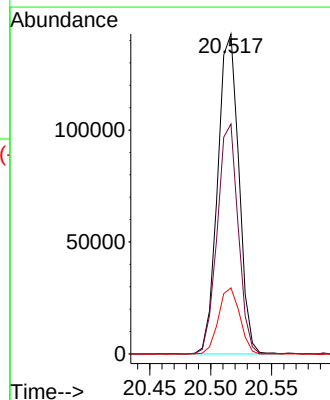
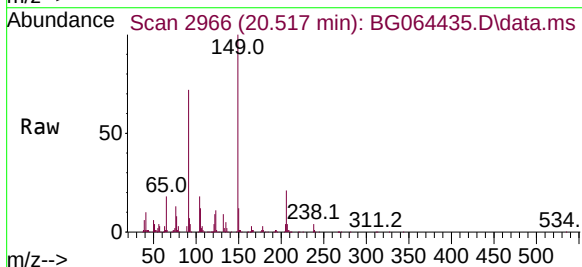
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

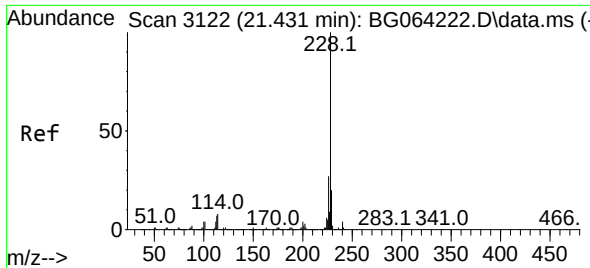
Tgt Ion:244 Resp: 719174
Ion Ratio Lower Upper
244 100
212 8.6 6.6 10.0
122 6.6 7.0 10.6#



#80
Butylbenzylphthalate
Concen: 45.124 ng
RT: 20.517 min Scan# 2966
Delta R.T. -0.016 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:149 Resp: 172501
Ion Ratio Lower Upper
149 100
91 71.8 61.4 92.0
206 20.6 15.8 23.6

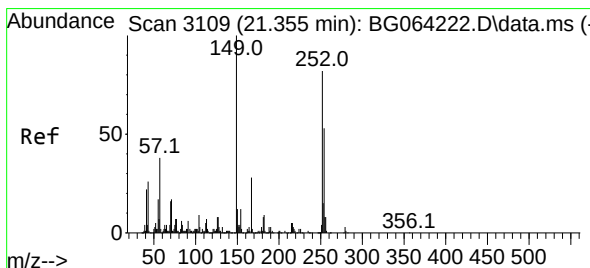
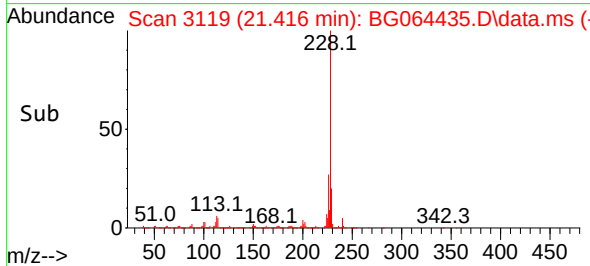
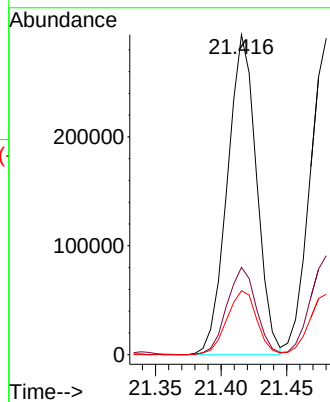
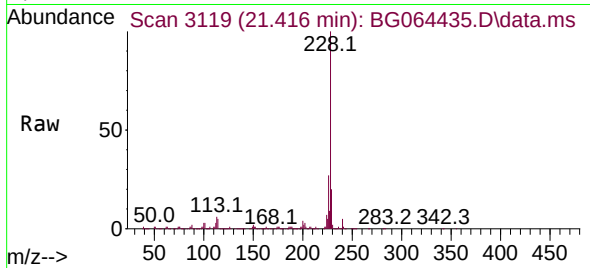




#81
Benzo(a)anthracene
Concen: 44.072 ng
RT: 21.416 min Scan# 3119
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

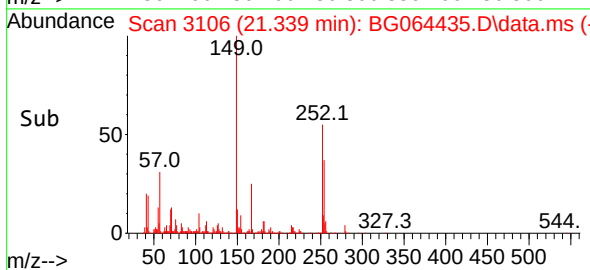
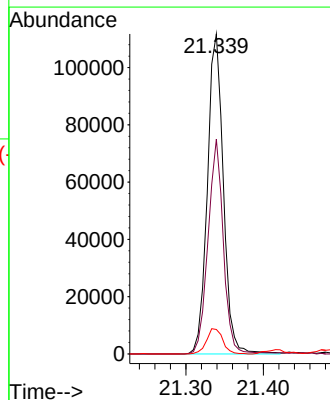
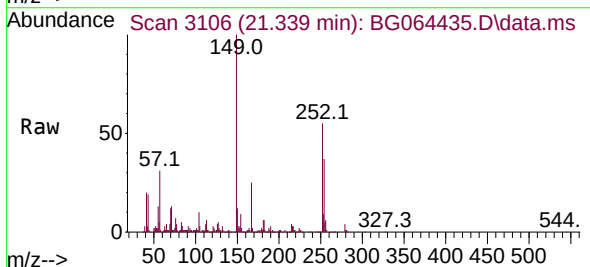
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

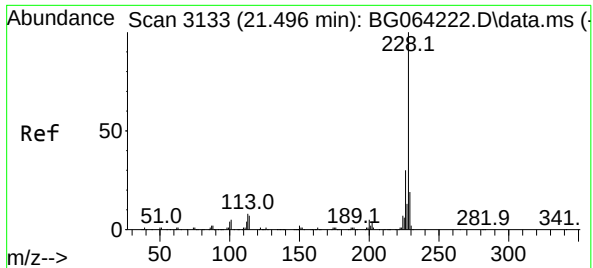
Tgt Ion:228 Resp: 453601
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 20.0 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 47.653 ng
RT: 21.339 min Scan# 3106
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:252 Resp: 159732
Ion Ratio Lower Upper
252 100
254 67.1 51.9 77.9
126 7.6 7.6 11.4

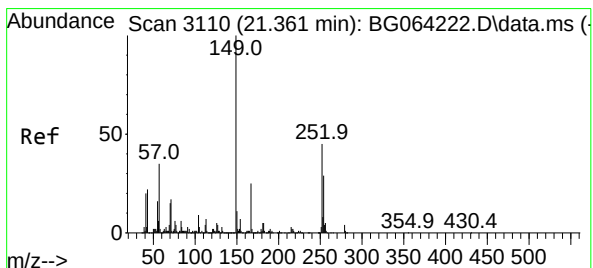
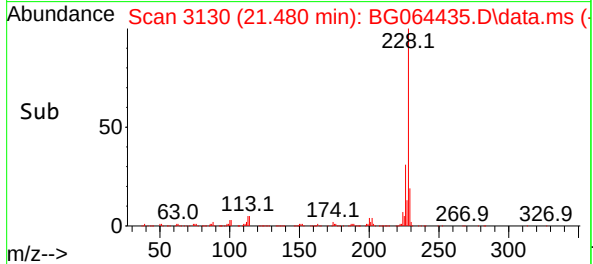
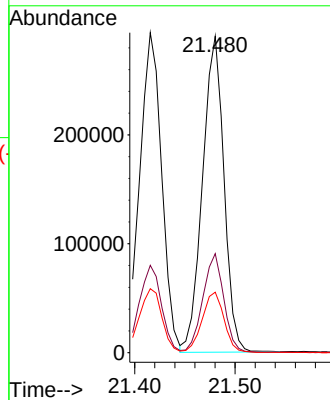
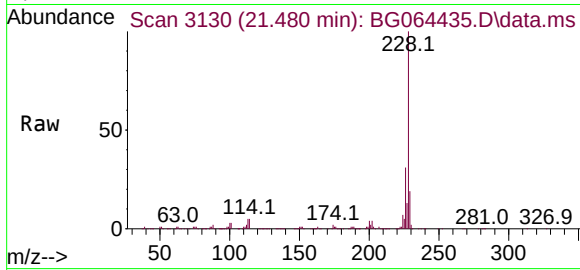




#83
Chrysene
Concen: 43.507 ng
RT: 21.480 min Scan# 3106
Delta R.T. -0.022 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

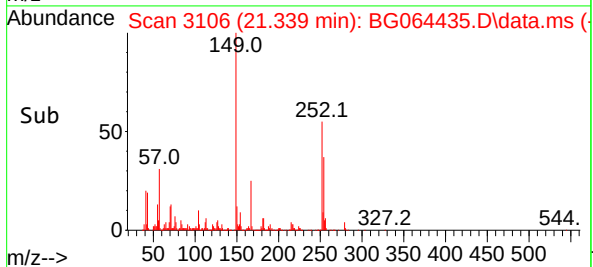
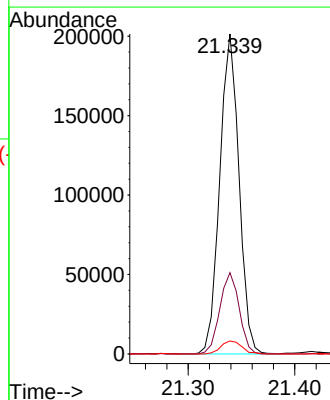
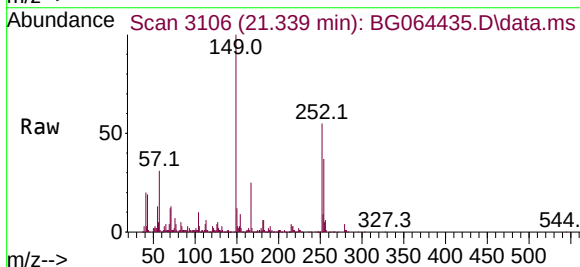
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

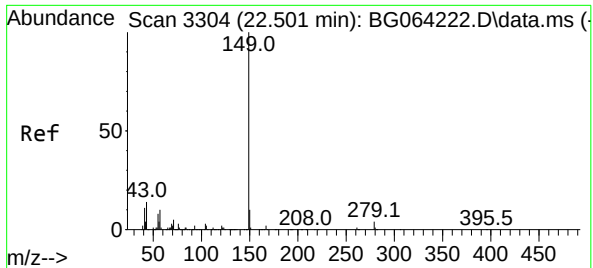
Tgt Ion:228 Resp: 429890
Ion Ratio Lower Upper
228 100
226 31.3 24.2 36.2
229 19.1 15.4 23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.014 ng
RT: 21.339 min Scan# 3106
Delta R.T. -0.028 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:149 Resp: 252616
Ion Ratio Lower Upper
149 100
167 25.4 20.0 30.0
279 4.0 3.0 4.4

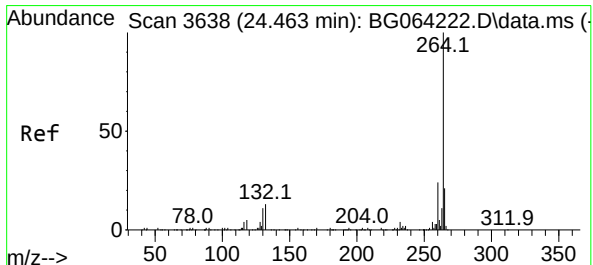
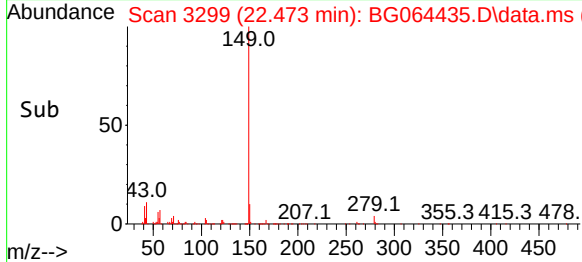
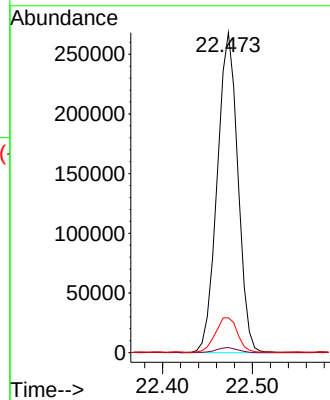
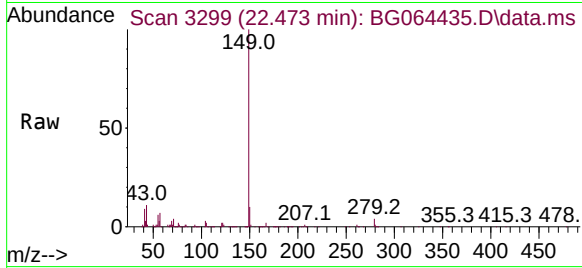




#85
Di-n-octyl phthalate
Concen: 42.876 ng
RT: 22.473 min Scan# 31
Delta R.T. -0.034 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

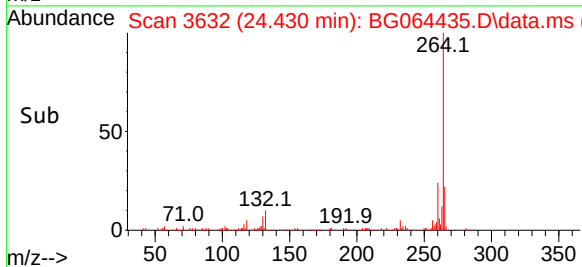
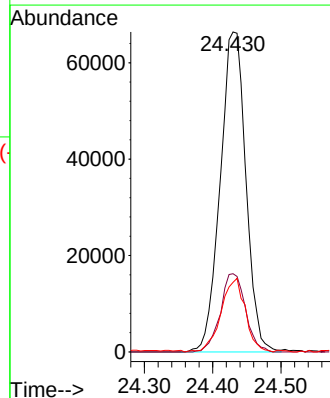
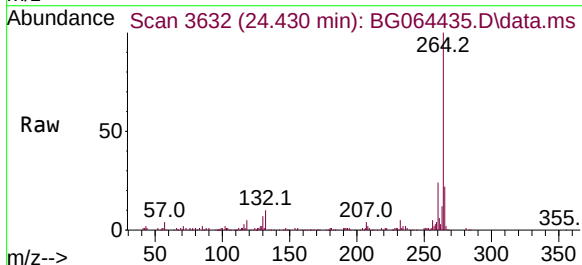
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

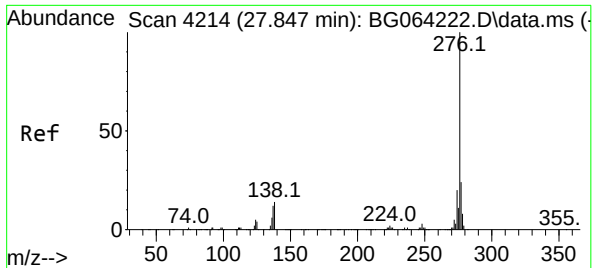
Tgt Ion:149 Resp: 428781
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.6 10.8 16.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.430 min Scan# 3632
Delta R.T. -0.034 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:264 Resp: 172846
Ion Ratio Lower Upper
264 100
260 24.4 18.9 28.3
265 21.7 16.7 25.1

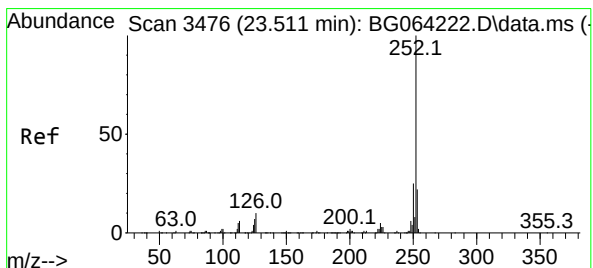
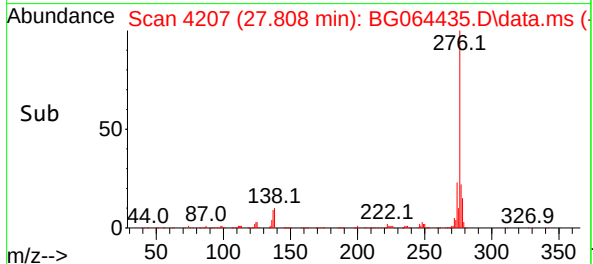
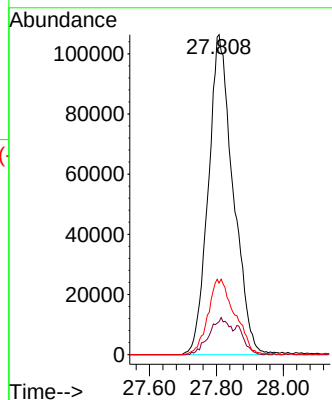
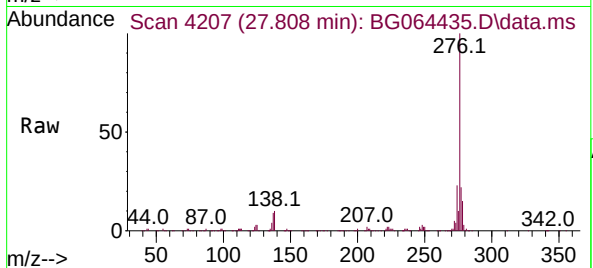




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.496 ng
RT: 27.808 min Scan# 41
Delta R.T. -0.063 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

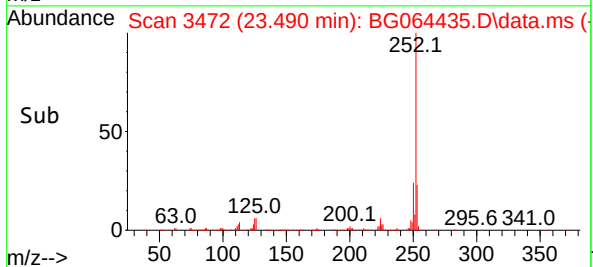
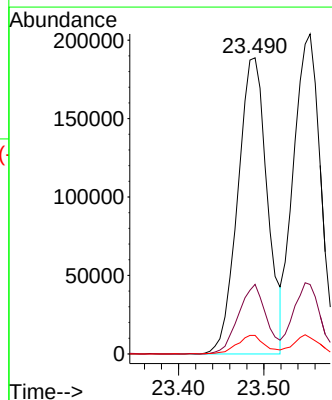
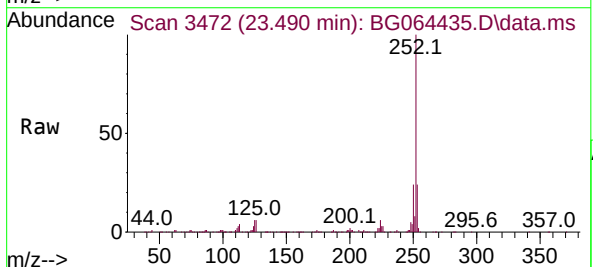
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

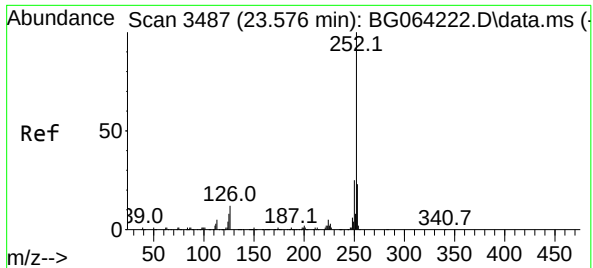
Tgt Ion:276 Resp: 548833
Ion Ratio Lower Upper
276 100
138 9.7 7.4 11.0
277 25.4 20.5 30.7



#88
Benzo(b)fluoranthene
Concen: 46.474 ng
RT: 23.490 min Scan# 3472
Delta R.T. -0.028 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:252 Resp: 453364
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 6.3 5.9 8.9

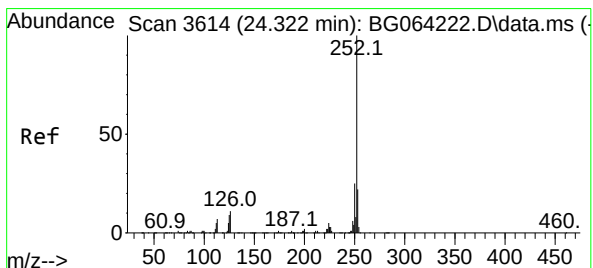
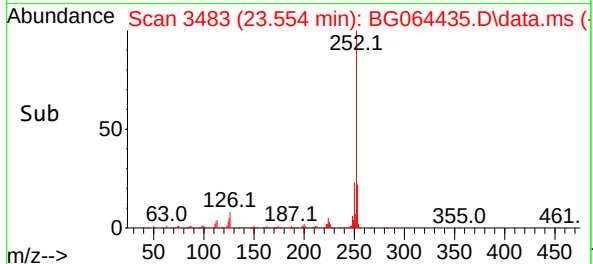
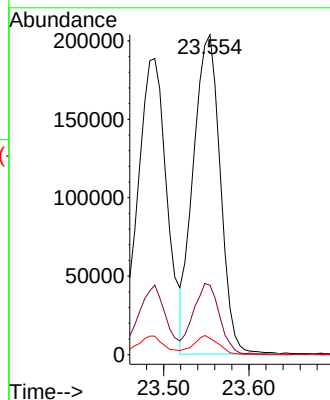
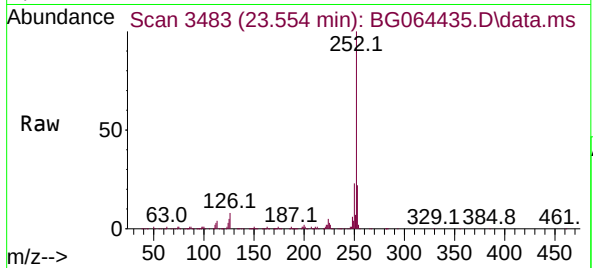




#89
Benzo(k)fluoranthene
Concen: 45.059 ng
RT: 23.554 min Scan# 3483
Delta R.T. -0.034 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

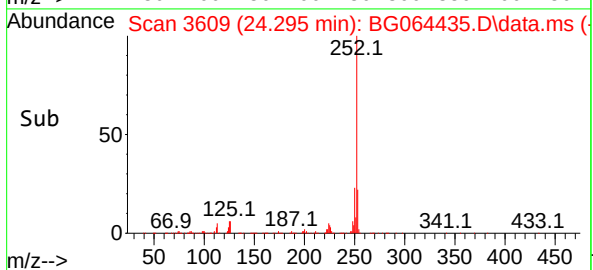
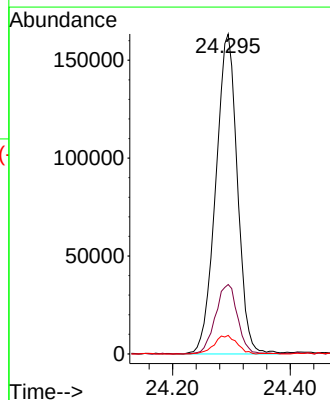
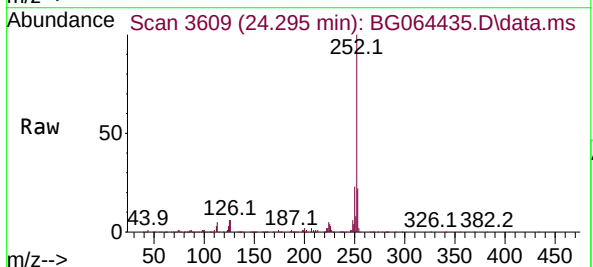
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ClientSampleId :
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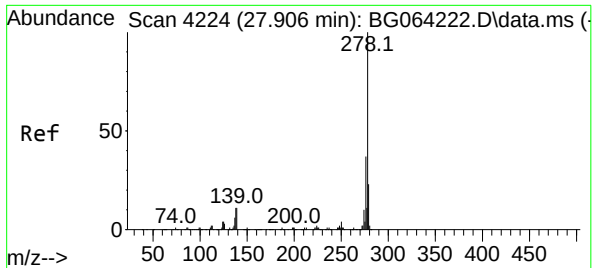
Tgt Ion:252 Resp: 447814
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 5.1 7.0 10.4#



#90
Benzo(a)pyrene
Concen: 45.906 ng
RT: 24.295 min Scan# 3609
Delta R.T. -0.034 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:252 Resp: 416575
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 5.8 7.0 10.6#

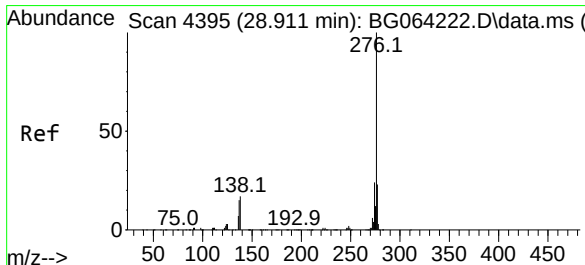
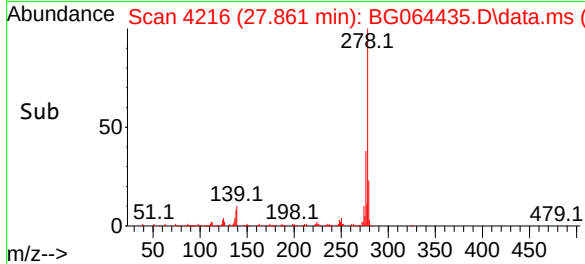
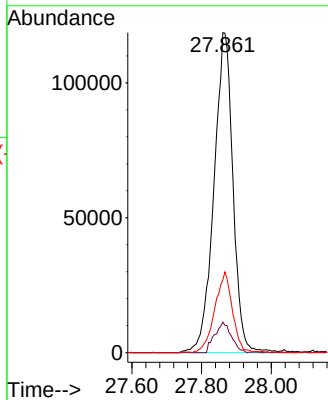
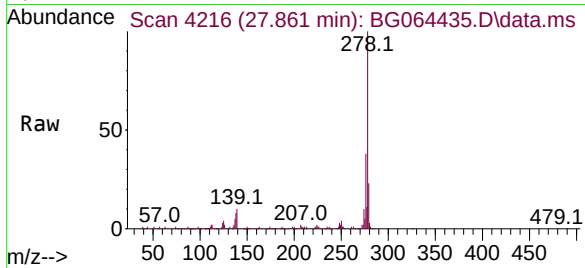




#91
Dibenzo(a,h)anthracene
Concen: 47.469 ng
RT: 27.861 min Scan# 41
Delta R.T. -0.063 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

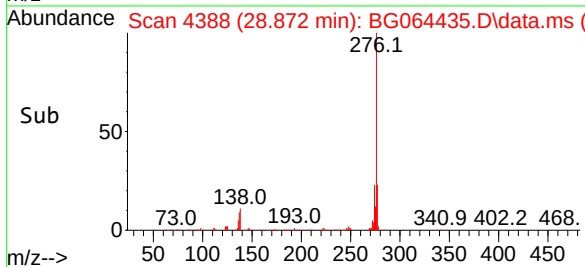
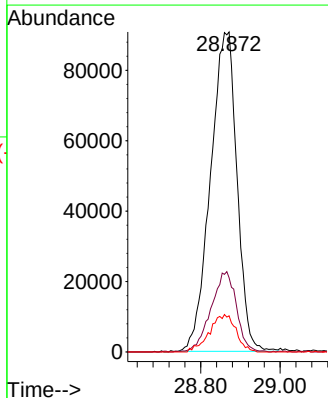
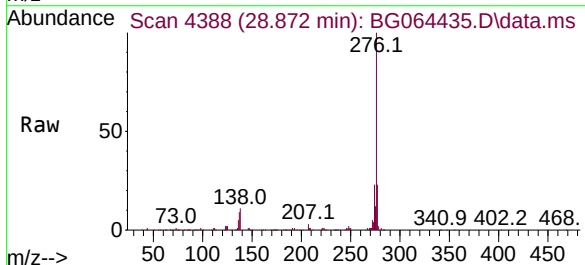
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 449883
Ion Ratio Lower Upper
278 100
139 9.5 9.0 13.4
279 22.7 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 45.621 ng
RT: 28.872 min Scan# 4388
Delta R.T. -0.063 min
Lab File: BG064435.D
Acq: 23 Sep 2025 11:28

Tgt Ion:276 Resp: 420723
Ion Ratio Lower Upper
276 100
277 23.2 18.2 27.4
138 11.3 13.3 19.9#



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
 Data File : BG064435.D
 Acq On : 23 Sep 2025 11:28
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 23 12:06:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	74	-0.02
2	1,4-Dioxane	40.000	35.023	12.4	78	-0.02
3	Pyridine	40.000	35.655	10.9	68	-0.02
4	n-Nitrosodimethylamine	40.000	42.096	-5.2	77	-0.02
5 S	2-Fluorophenol	80.000	86.681	-8.4	81	-0.02
6	Aniline	40.000	39.893	0.3	74	-0.02
7 S	Phenol-d6	80.000	87.456	-9.3	82	-0.02
8	2-Chlorophenol	40.000	44.129	-10.3	79	-0.02
9	Benzaldehyde	40.000	34.622	13.4	59	-0.02
10 C	Phenol	40.000	40.804	-2.0	77	-0.02
11	bis(2-Chloroethyl)ether	40.000	37.452	6.4	69	-0.02
12	1,3-Dichlorobenzene	40.000	46.966	-17.4	86	-0.02
13 C	1,4-Dichlorobenzene	40.000	46.699	-16.7	87	-0.02
14	1,2-Dichlorobenzene	40.000	45.641	-14.1	85	-0.02
15	Benzyl Alcohol	40.000	43.651	-9.1	80	-0.02
16	2,2'-oxybis(1-Chloropropane	40.000	29.728	25.7#	55	-0.02
17	2-Methylphenol	40.000	40.842	-2.1	76	-0.02
18	Hexachloroethane	40.000	45.060	-12.7	82	-0.02
19 P	n-Nitroso-di-n-propylamine	40.000	38.551	3.6	70	-0.02
20	3+4-Methylphenols	40.000	39.559	1.1	76	-0.02
21 I	Naphthalene-d8	20.000	20.000	0.0	68	-0.02
22	Acetophenone	40.000	43.922	-9.8	75	-0.02
23 S	Nitrobenzene-d5	80.000	97.018	-21.3	81	-0.02
24	Nitrobenzene	40.000	45.698	-14.2	75	-0.03
25	Isophorone	40.000	40.964	-2.4	69	-0.03
26 C	2-Nitrophenol	40.000	50.365	-25.9#	81	-0.02
27	2,4-Dimethylphenol	40.000	44.030	-10.1	72	-0.02
28	bis(2-Chloroethoxy)methane	40.000	39.481	1.3	65	-0.02
29 C	2,4-Dichlorophenol	40.000	50.122	-25.3#	83	-0.02
30	1,2,4-Trichlorobenzene	40.000	52.840	-32.1#	89	-0.02
31	Naphthalene	40.000	45.729	-14.3	78	-0.02
32	Benzoic acid	40.000	41.105	-2.8	66	-0.05
33	4-Chloroaniline	40.000	43.765	-9.4	71	-0.02
34 C	Hexachlorobutadiene	40.000	57.207	-43.0#	96	-0.03
35	Caprolactam	40.000	40.907	-2.3	65	-0.05
36 C	4-Chloro-3-methylphenol	40.000	45.079	-12.7	75	-0.02
37	2-Methylnaphthalene	40.000	46.155	-15.4	77	-0.02
38	1-Methylnaphthalene	40.000	45.120	-12.8	75	-0.02
39 I	Acenaphthene-d10	20.000	20.000	0.0	68	-0.02
40	1,2,4,5-Tetrachlorobenzene	40.000	51.207	-28.0#	86	-0.02
41 P	Hexachlorocyclopentadiene	40.000	54.425	-36.1#	92	-0.02
42 S	2,4,6-Tribromophenol	80.000	117.191	-46.5#	96	-0.02
43 C	2,4,6-Trichlorophenol	40.000	49.967	-24.9#	83	-0.02
44	2,4,5-Trichlorophenol	40.000	49.297	-23.2	81	-0.02
45 S	2-Fluorobiphenyl	80.000	93.587	-17.0	79	-0.02
46	1,1'-Biphenyl	40.000	45.443	-13.6	75	-0.02
47	2-Chloronaphthalene	40.000	45.296	-13.2	76	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
 Data File : BG064435.D
 Acq On : 23 Sep 2025 11:28
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 23 12:06:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	46.755	-16.9	72	-0.02
49	Acenaphthylene	40.000	46.127	-15.3	76	-0.02
50	Dimethylphthalate	40.000	44.496	-11.2	74	-0.03
51	2,6-Dinitrotoluene	40.000	48.554	-21.4	75	-0.02
52 C	Acenaphthene	40.000	45.585	-14.0	75	-0.02
53	3-Nitroaniline	40.000	44.599	-11.5	70	-0.02
54 P	2,4-Dinitrophenol	40.000	45.261	-13.2	78	-0.02
55	Dibenzofuran	40.000	46.371	-15.9	77	-0.02
56 P	4-Nitrophenol	40.000	43.892	-9.7	66	-0.02
57	2,4-Dinitrotoluene	40.000	50.042	-25.1#	78	-0.02
58	Fluorene	40.000	46.424	-16.1	76	-0.02
59	2,3,4,6-Tetrachlorophenol	40.000	52.224	-30.6#	85	-0.02
60	Diethylphthalate	40.000	45.248	-13.1	74	-0.03
61	4-Chlorophenyl-phenylether	40.000	49.063	-22.7	81	-0.02
62	4-Nitroaniline	40.000	50.153	-25.4#	76	-0.03
63	Azobenzene	40.000	42.140	-5.4	69	-0.02
64 I	Phenanthrene-d10	20.000	20.000	0.0	68	-0.02
65	4,6-Dinitro-2-methylphenol	40.000	52.647	-31.6#	87	-0.02
66 c	n-Nitrosodiphenylamine	40.000	44.935	-12.3	75	-0.02
67	4-Bromophenyl-phenylether	40.000	50.470	-26.2#	84	-0.02
68	Hexachlorobenzene	40.000	51.811	-29.5#	91	-0.02
69	Atrazine	40.000	46.883	-17.2	76	-0.02
70 C	Pentachlorophenol	40.000	53.336	-33.3#	85	-0.02
71	Phenanthrene	40.000	45.054	-12.6	74	-0.02
72	Anthracene	40.000	45.084	-12.7	74	-0.02
73	Carbazole	40.000	45.403	-13.5	73	-0.02
74	Di-n-butylphthalate	40.000	45.289	-13.2	72	-0.02
75 C	Fluoranthene	40.000	47.086	-17.7	76	-0.02
76 I	Chrysene-d12	20.000	20.000	0.0	70	-0.02
77	Benzydine	40.000	40.741	-1.9	67	-0.02
78	Pyrene	40.000	43.746	-9.4	74	-0.02
79 S	Terphenyl-d14	80.000	93.267	-16.6	79	-0.02
80	Butylbenzylphthalate	40.000	45.124	-12.8	76	-0.02
81	Benzo(a)anthracene	40.000	44.072	-10.2	76	-0.02
82	3,3'-Dichlorobenzidine	40.000	47.653	-19.1	81	-0.02
83	Chrysene	40.000	43.507	-8.8	75	-0.02
84	Bis(2-ethylhexyl)phthalate	40.000	44.014	-10.0	75	-0.03
85 c	Di-n-octyl phthalate	40.000	42.876	-7.2	73	-0.03
86 I	Perylene-d12	20.000	20.000	0.0	69	-0.03
87	Indeno(1,2,3-cd)pyrene	40.000	46.496	-16.2	78	-0.06
88	Benzo(b)fluoranthene	40.000	46.474	-16.2	77	-0.03
89	Benzo(k)fluoranthene	40.000	45.059	-12.6	78	-0.03
90 C	Benzo(a)pyrene	40.000	45.906	-14.8	77	-0.03
91	Dibenzo(a,h)anthracene	40.000	47.469	-18.7	79	-0.06
92	Benzo(g,h,i)perylene	40.000	45.621	-14.1	78	-0.06

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
Data File : BG064435.D
Acq On : 23 Sep 2025 11:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Sep 23 12:06:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 5

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
 Data File : BG064435.D
 Acq On : 23 Sep 2025 11:28
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 23 12:06:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	74	-0.02
2	1,4-Dioxane	0.465	0.407	12.5	78	-0.02
3	Pyridine	1.368	1.219	10.9	68	-0.02
4	n-Nitrosodimethylamine	0.905	0.952	-5.2	77	-0.02
5 S	2-Fluorophenol	1.115	1.208	-8.3	81	-0.02
6	Aniline	2.118	2.112	0.3	74	-0.02
7 S	Phenol-d6	1.532	1.674	-9.3	82	-0.02
8	2-Chlorophenol	1.362	1.503	-10.4	79	-0.02
9	Benzaldehyde	1.260	1.091	13.4	59	-0.02
10 C	Phenol	1.688	1.722	-2.0	77	-0.02
11	bis(2-Chloroethyl)ether	1.269	1.188	6.4	69	-0.02
12	1,3-Dichlorobenzene	1.449	1.702	-17.5	86	-0.02
13 C	1,4-Dichlorobenzene	1.463	1.708	-16.7	87	-0.02
14	1,2-Dichlorobenzene	1.412	1.611	-14.1	85	-0.02
15	Benzyl Alcohol	1.413	1.542	-9.1	80	-0.02
16	2,2'-oxybis(1-Chloropropane	2.897	2.153	25.7#	55	-0.02
17	2-Methylphenol	1.258	1.285	-2.1	76	-0.02
18	Hexachloroethane	0.571	0.643	-12.6	82	-0.02
19 P	n-Nitroso-di-n-propylamine	1.172	1.130	3.6	70	-0.02
20	3+4-Methylphenols	1.749	1.729	1.1	76	-0.02
21 I	Naphthalene-d8	1.000	1.000	0.0	68	-0.02
22	Acetophenone	0.506	0.556	-9.9	75	-0.02
23 S	Nitrobenzene-d5	0.359	0.435	-21.2	81	-0.02
24	Nitrobenzene	0.375	0.428	-14.1	75	-0.03
25	Isophorone	0.745	0.763	-2.4	69	-0.03
26 C	2-Nitrophenol	0.162	0.204	-25.9#	81	-0.02
27	2,4-Dimethylphenol	0.284	0.313	-10.2	72	-0.02
28	bis(2-Chloroethoxy)methane	0.402	0.397	1.2	65	-0.02
29 C	2,4-Dichlorophenol	0.300	0.376	-25.3#	83	-0.02
30	1,2,4-Trichlorobenzene	0.316	0.418	-32.3#	89	-0.02
31	Naphthalene	1.037	1.186	-14.4	78	-0.02
32	Benzoic acid	0.226	0.232	-2.7	66	-0.05
33	4-Chloroaniline	0.402	0.440	-9.5	71	-0.02
34 C	Hexachlorobutadiene	0.234	0.334	-42.7#	96	-0.03
35	Caprolactam	0.116	0.119	-2.6	65	-0.05
36 C	4-Chloro-3-methylphenol	0.389	0.439	-12.9	75	-0.02
37	2-Methylnaphthalene	0.771	0.889	-15.3	77	-0.02
38	1-Methylnaphthalene	0.761	0.859	-12.9	75	-0.02
39 I	Acenaphthene-d10	1.000	1.000	0.0	68	-0.02
40	1,2,4,5-Tetrachlorobenzene	0.577	0.739	-28.1#	86	-0.02
41 P	Hexachlorocyclopentadiene	0.274	0.373	-36.1#	92	-0.02
42 S	2,4,6-Tribromophenol	0.265	0.388	-46.4#	96	-0.02
43 C	2,4,6-Trichlorophenol	0.386	0.482	-24.9#	83	-0.02
44	2,4,5-Trichlorophenol	0.418	0.516	-23.4	81	-0.02
45 S	2-Fluorobiphenyl	1.310	1.533	-17.0	79	-0.02
46	1,1'-Biphenyl	1.457	1.655	-13.6	75	-0.02
47	2-Chloronaphthalene	1.095	1.240	-13.2	76	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
 Data File : BG064435.D
 Acq On : 23 Sep 2025 11:28
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 23 12:06:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.373	0.436	-16.9	72	-0.02
49	Acenaphthylene	1.619	1.867	-15.3	76	-0.02
50	Dimethylphthalate	1.514	1.684	-11.2	74	-0.03
51	2,6-Dinitrotoluene	0.293	0.356	-21.5	75	-0.02
52 C	Acenaphthene	1.142	1.302	-14.0	75	-0.02
53	3-Nitroaniline	0.307	0.342	-11.4	70	-0.02
54 P	2,4-Dinitrophenol	0.163	0.204	-25.2#	78	-0.02
55	Dibenzofuran	1.797	2.083	-15.9	77	-0.02
56 P	4-Nitrophenol	0.252	0.276	-9.5	66	-0.02
57	2,4-Dinitrotoluene	0.443	0.554	-25.1#	78	-0.02
58	Fluorene	1.473	1.709	-16.0	76	-0.02
59	2,3,4,6-Tetrachlorophenol	0.402	0.525	-30.6#	85	-0.02
60	Diethylphthalate	1.620	1.833	-13.1	74	-0.03
61	4-Chlorophenyl-phenylether	0.734	0.901	-22.8	81	-0.02
62	4-Nitroaniline	0.313	0.393	-25.6#	76	-0.03
63	Azobenzene	1.444	1.521	-5.3	69	-0.02
64 I	Phenanthrene-d10	1.000	1.000	0.0	68	-0.02
65	4,6-Dinitro-2-methylphenol	0.115	0.151	-31.3#	87	-0.02
66 c	n-Nitrosodiphenylamine	0.550	0.618	-12.4	75	-0.02
67	4-Bromophenyl-phenylether	0.212	0.268	-26.4#	84	-0.02
68	Hexachlorobenzene	0.236	0.306	-29.7#	91	-0.02
69	Atrazine	0.230	0.269	-17.0	76	-0.02
70 C	Pentachlorophenol	0.143	0.191	-33.6#	85	-0.02
71	Phenanthrene	1.055	1.188	-12.6	74	-0.02
72	Anthracene	1.073	1.209	-12.7	74	-0.02
73	Carbazole	0.945	1.073	-13.5	73	-0.02
74	Di-n-butylphthalate	1.136	1.286	-13.2	72	-0.02
75 C	Fluoranthene	1.240	1.460	-17.7	76	-0.02
76 I	Chrysene-d12	1.000	1.000	0.0	70	-0.02
77	Benzydine	0.421	0.429	-1.9	67	-0.02
78	Pyrene	1.260	1.378	-9.4	74	-0.02
79 S	Terphenyl-d14	0.959	1.118	-16.6	79	-0.02
80	Butylbenzylphthalate	0.475	0.536	-12.8	76	-0.02
81	Benzo(a)anthracene	1.280	1.410	-10.2	76	-0.02
82	3,3'-Dichlorobenzidine	0.417	0.496	-18.9	81	-0.02
83	Chrysene	1.228	1.336	-8.8	75	-0.02
84	Bis(2-ethylhexyl)phthalate	0.714	0.785	-9.9	75	-0.03
85 c	Di-n-octyl phthalate	1.243	1.333	-7.2	73	-0.03
86 I	Perylene-d12	1.000	1.000	0.0	69	-0.03
87	Indeno(1,2,3-cd)pyrene	1.366	1.588	-16.3	78	-0.06
88	Benzo(b)fluoranthene	1.129	1.311	-16.1	77	-0.03
89	Benzo(k)fluoranthene	1.150	1.295	-12.6	78	-0.03
90 C	Benzo(a)pyrene	1.050	1.205	-14.8	77	-0.03
91	Dibenzo(a,h)anthracene	1.097	1.301	-18.6	79	-0.06
92	Benzo(g,h,i)perylene	1.067	1.217	-14.1	78	-0.06

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
Data File : BG064435.D
Acq On : 23 Sep 2025 11:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Sep 23 12:06:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 5



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: POWE02
 Lab Code: ACE SDG No.: Q3155
 Instrument ID: BNA_P Calibration Date/Time: 09/23/2025 11:03
 Lab File ID: BP025824.D Init. Calib. Date(s): 09/11/2025 09/11/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 08:56 15:20
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.240	1.206		-2.7	
Phenol-d6	1.648	1.633		-0.9	
Nitrobenzene-d5	0.453	0.430		-5.1	
Naphthalene	1.078	1.001		-7.1	
2-Fluorobiphenyl	1.502	1.396		-7.1	
Fluorene	1.431	1.345		-6.0	
2,4,6-Tribromophenol	0.249	0.260		4.4	
Phenanthrene	1.135	1.040		-8.4	
Anthracene	1.151	1.047		-9.0	
Pyrene	1.335	1.221		-8.5	
Terphenyl-d14	1.112	0.988		-11.2	
Benzo (a) anthracene	1.369	1.272		-7.1	
Chrysene	1.305	1.192		-8.7	
Benzo (b) fluoranthene	1.223	1.198		-2.0	
Benzo (a) pyrene	1.198	1.117		-6.8	20.0
Indeno (1,2,3-cd) pyrene	1.454	1.226		-15.7	
Benzo (g,h,i) perylene	1.171	0.928		-20.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
 Data File : BP025824.D
 Acq On : 23 Sep 2025 11:03
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 23 11:40:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	220036	20.000	ng	0.00
21) Naphthalene-d8	10.519	136	921644	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	640458	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	1402357	20.000	ng	0.00
76) Chrysene-d12	21.630	240	1584555	20.000	ng	-0.01
86) Perylene-d12	25.007	264	1726843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	1061729	77.858	ng	0.00
7) Phenol-d6	6.955	99	1436927	79.275	ng	0.00
23) Nitrobenzene-d5	8.902	82	1585779	75.897	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	667252	83.527	ng	-0.01
45) 2-Fluorobiphenyl	12.984	172	3575606	74.336	ng	0.00
79) Terphenyl-d14	19.907	244	6261661	71.090	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.302	88	205285	35.867	ng	99
3) Pyridine	3.702	79	593406	37.653	ng	97
4) n-Nitrosodimethylamine	3.608	42	273722	36.808	ng	97
6) Aniline	7.090	93	963366	38.718	ng	99
8) 2-Chlorophenol	7.331	128	585815	39.159	ng	100
9) Benzaldehyde	6.908	77	584867	53.834	ng	98
10) Phenol	6.984	94	750633	39.274	ng	98
11) bis(2-Chloroethyl)ether	7.178	93	584333	38.054	ng	99
12) 1,3-Dichlorobenzene	7.643	146	640982	37.646	ng	100
13) 1,4-Dichlorobenzene	7.790	146	652360	37.614	ng	98
14) 1,2-Dichlorobenzene	8.102	146	631418	37.475	ng	99
15) Benzyl Alcohol	7.996	79	573313	38.277	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.266	45	922143	36.722	ng	99
17) 2-Methylphenol	8.207	107	505819	39.254	ng	99
18) Hexachloroethane	8.813	117	248818	37.559	ng	97
19) n-Nitroso-di-n-propyla...	8.549	70	494558	39.119	ng	98
20) 3+4-Methylphenols	8.537	107	690109	38.241	ng	97
22) Acetophenone	8.566	105	949454	38.549	ng	99
24) Nitrobenzene	8.943	77	712120	37.992	ng	97
25) Isophorone	9.460	82	1414869	38.527	ng	100
26) 2-Nitrophenol	9.643	139	346627	41.652	ng	93
27) 2,4-Dimethylphenol	9.707	122	574336	39.339	ng	98
28) bis(2-Chloroethoxy)met...	9.931	93	822701	38.755	ng	99
29) 2,4-Dichlorophenol	10.196	162	575405	39.529	ng	100
30) 1,2,4-Trichlorobenzene	10.384	180	621445	37.881	ng	98
31) Naphthalene	10.572	128	1845082	37.128	ng	100
32) Benzoic acid	9.901	122	436495	40.214	ng	98
33) 4-Chloroaniline	10.678	127	828104	39.979	ng	98
34) Hexachlorobutadiene	10.854	225	396965	37.589	ng	99
35) Caprolactam	11.501	113	285853	50.943	ng	96
36) 4-Chloro-3-methylphenol	11.831	107	678445	39.093	ng	99
37) 2-Methylnaphthalene	12.178	142	1223450	38.330	ng	98
38) 1-Methylnaphthalene	12.395	142	1276709	37.509	ng	99
40) 1,2,4,5-Tetrachloroben...	12.554	216	743526	38.311	ng	99
41) Hexachlorocyclopentadiene	12.531	237	406967	38.502	ng	99
43) 2,4,6-Trichlorophenol	12.801	196	510135	39.984	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
 Data File : BP025824.D
 Acq On : 23 Sep 2025 11:03
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

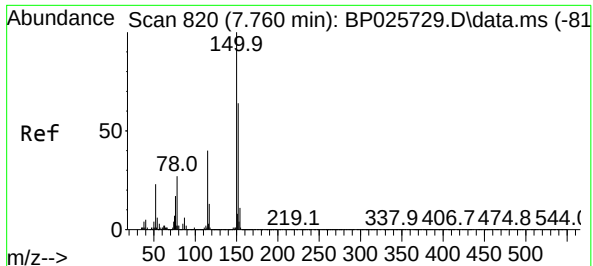
Quant Time: Sep 23 11:40:41 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	559153	39.379	ng	96
46) 1,1'-Biphenyl	13.195	154	1771502	37.684	ng	99
47) 2-Chloronaphthalene	13.242	162	1384278	37.397	ng	99
48) 2-Nitroaniline	13.448	65	490839	39.780	ng	97
49) Acenaphthylene	14.095	152	2321959	37.860	ng	99
50) Dimethylphthalate	13.831	163	1889211	38.637	ng	100
51) 2,6-Dinitrotoluene	13.954	165	416994	40.252	ng	98
52) Acenaphthene	14.442	154	1301580	36.800	ng	100
53) 3-Nitroaniline	14.290	138	457492	41.995	ng	99
54) 2,4-Dinitrophenol	14.507	184	272913	42.899	ng	99
55) Dibenzofuran	14.784	168	2117510	36.734	ng	99
56) 4-Nitrophenol	14.666	139	453699	50.134	ng	97
57) 2,4-Dinitrotoluene	14.760	165	605241	41.052	ng	93
58) Fluorene	15.442	166	1722462	37.577	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.025	232	515744	40.321	ng	97
60) Diethylphthalate	15.207	149	1946579	39.246	ng	99
61) 4-Chlorophenyl-phenyle...	15.436	204	871831	37.740	ng	99
62) 4-Nitroaniline	15.478	138	491635	44.052	ng	97
63) Azobenzene	15.736	77	1853147	38.641	ng	99
65) 4,6-Dinitro-2-methylph...	15.536	198	404632	43.387	ng	95
66) n-Nitrosodiphenylamine	15.654	169	1585806	36.952	ng	99
67) 4-Bromophenyl-phenylether	16.348	248	584559	37.943	ng	97
68) Hexachlorobenzene	16.478	284	651073	37.896	ng	95
69) Atrazine	16.631	200	645026	39.320	ng	97
70) Pentachlorophenol	16.836	266	424480	37.435	ng	99
71) Phenanthrene	17.225	178	2917571	36.676	ng	99
72) Anthracene	17.319	178	2936929	36.387	ng	100
73) Carbazole	17.601	167	2865218	38.183	ng	100
74) Di-n-butylphthalate	18.183	149	3721772	40.416	ng	100
75) Fluoranthene	19.307	202	3657440	38.336	ng	100
77) Benzidine	19.507	184	2023181	44.326	ng	100
78) Pyrene	19.683	202	3869246	36.596	ng	99
80) Butylbenzylphthalate	20.636	149	1884621	40.653	ng	100
81) Benzo(a)anthracene	21.613	228	4031152	37.160	ng	100
82) 3,3'-Dichlorobenzidine	21.524	252	1491956	39.775	ng	99
83) Chrysene	21.677	228	3776225	36.517	ng	99
84) Bis(2-ethylhexyl)phtha...	21.536	149	2760305	40.698	ng	99
85) Di-n-octyl phthalate	22.813	149	5110532	42.360	ng	99
87) Indeno(1,2,3-cd)pyrene	28.853	276	4233442	33.711	ng	# 76
88) Benzo(b)fluoranthene	23.936	252	4136561	39.172	ng	99
89) Benzo(k)fluoranthene	24.013	252	3957661	36.727	ng	100
90) Benzo(a)pyrene	24.842	252	3858917	37.315	ng	99
91) Dibenzo(a,h)anthracene	28.906	278	3509249	34.148	ng	98
92) Benzo(g,h,i)perylene	30.024	276	3204332	31.706	ng	98

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

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

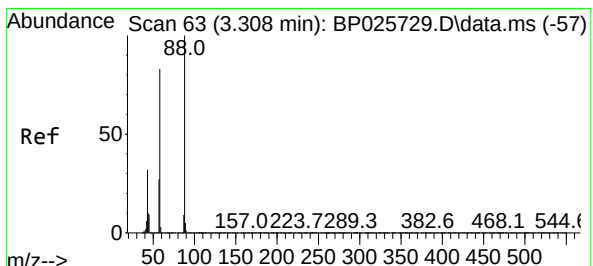
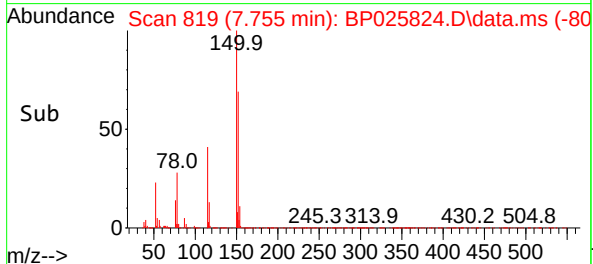
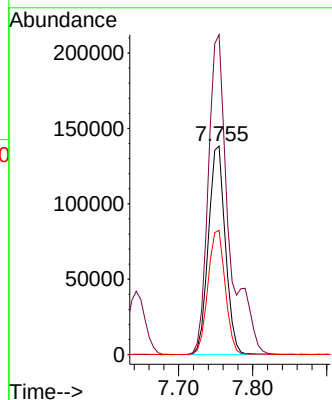
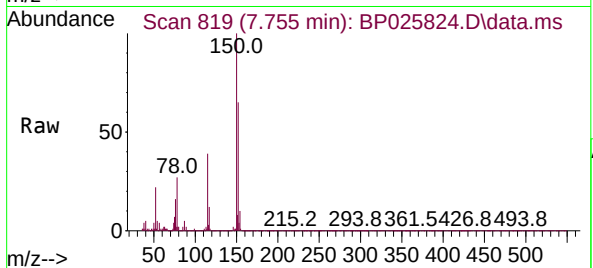
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.755 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

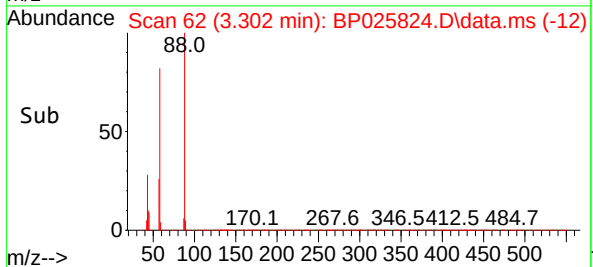
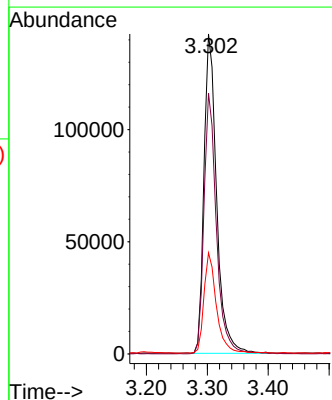
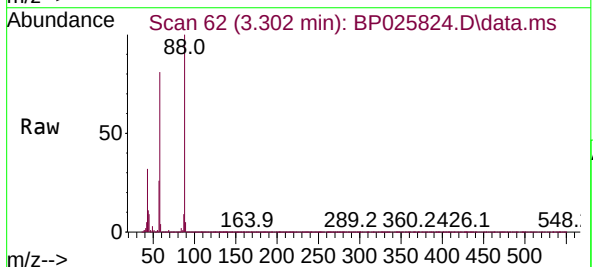
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

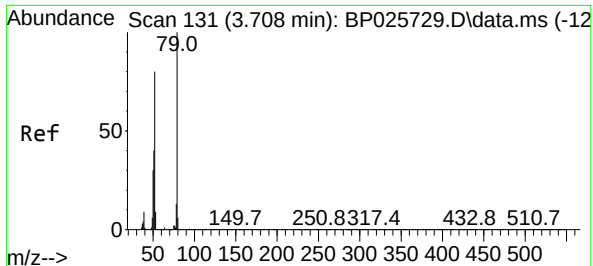
Tgt Ion:152 Resp: 220036
Ion Ratio Lower Upper
152 100
150 153.4 124.3 186.5
115 59.6 50.3 75.5



#2
1,4-Dioxane
Concen: 35.867 ng
RT: 3.302 min Scan# 62
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion: 88 Resp: 205285
Ion Ratio Lower Upper
88 100
58 80.4 65.5 98.3
43 31.4 25.2 37.8

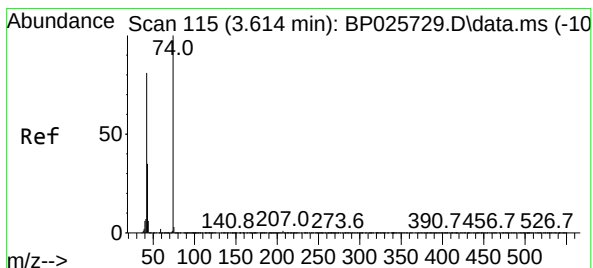
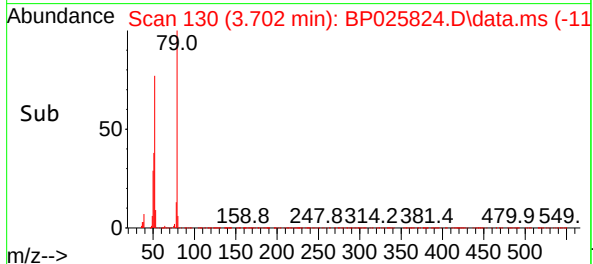
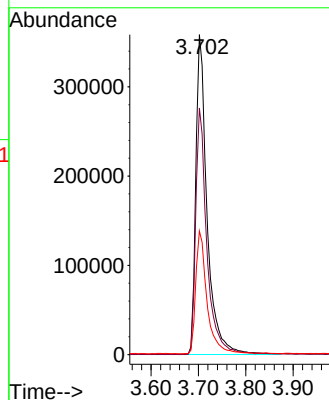
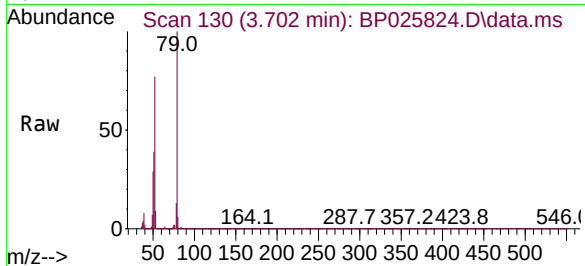




#3
Pyridine
Concen: 37.653 ng
RT: 3.702 min Scan# 131
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

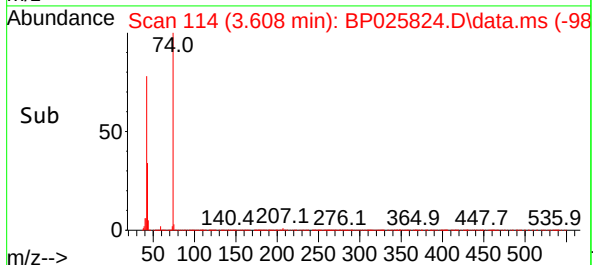
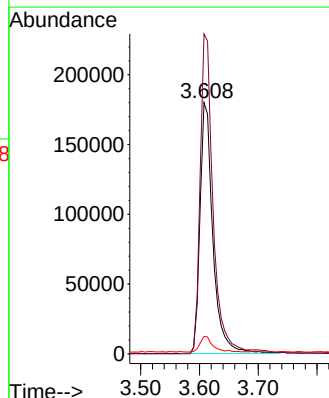
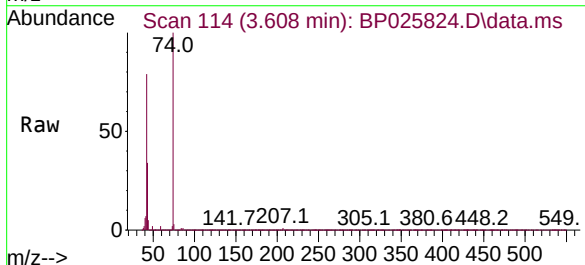
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

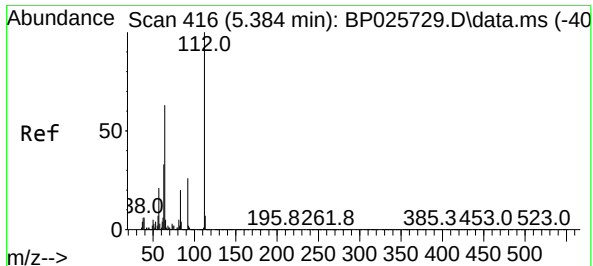
Tgt Ion: 79 Resp: 593406
Ion Ratio Lower Upper
79 100
52 77.1 63.7 95.5
51 38.6 32.4 48.6



#4
n-Nitrosodimethylamine
Concen: 36.808 ng
RT: 3.608 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion: 42 Resp: 273722
Ion Ratio Lower Upper
42 100
74 127.4 99.2 148.8
44 7.0 6.4 9.6

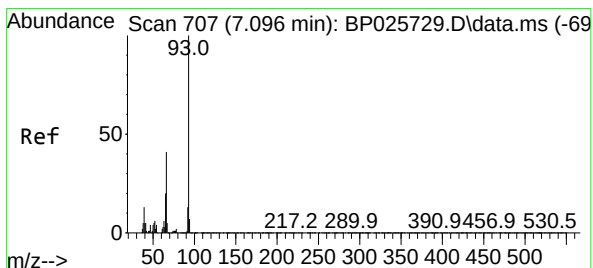
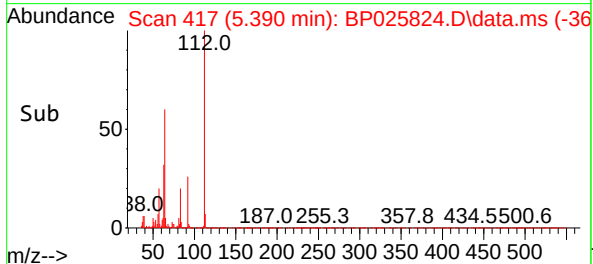
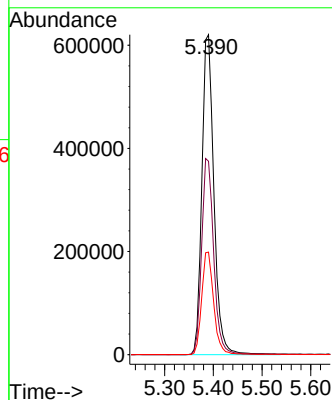
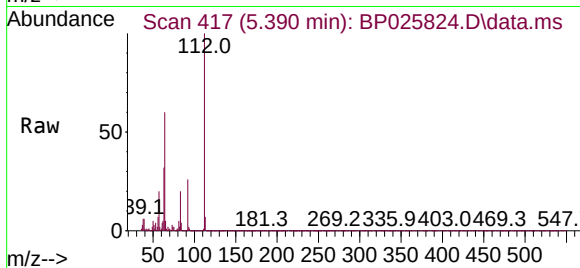




#5
2-Fluorophenol
Concen: 77.858 ng
RT: 5.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

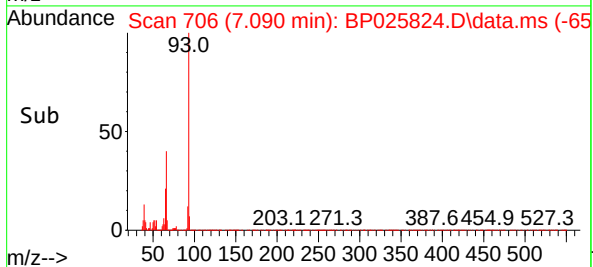
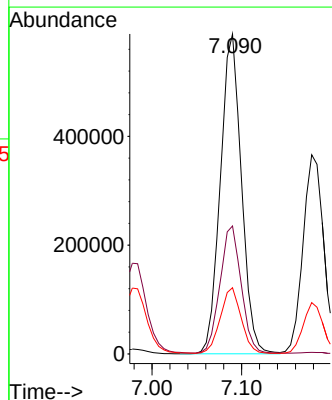
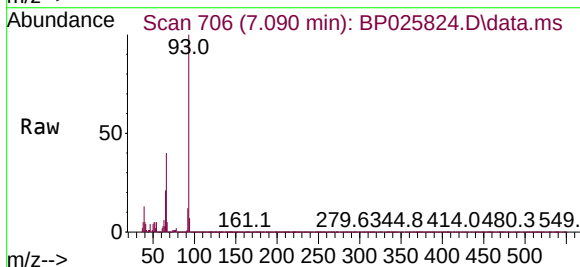
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BNA_P
ClientSampleId :
SSTDCCC040

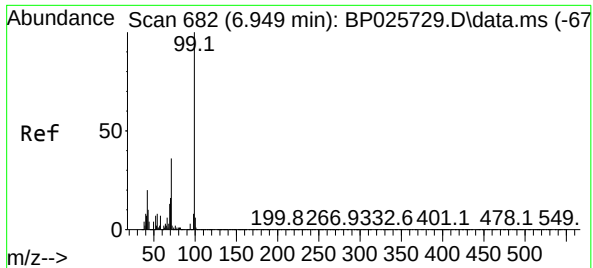
Tgt Ion:112 Resp: 1061729
Ion Ratio Lower Upper
112 100
64 60.4 50.2 75.4
63 32.0 26.7 40.1



#6
Aniline
Concen: 38.718 ng
RT: 7.090 min Scan# 706
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion: 93 Resp: 963366
Ion Ratio Lower Upper
93 100
66 40.0 32.6 49.0
65 20.7 16.2 24.2

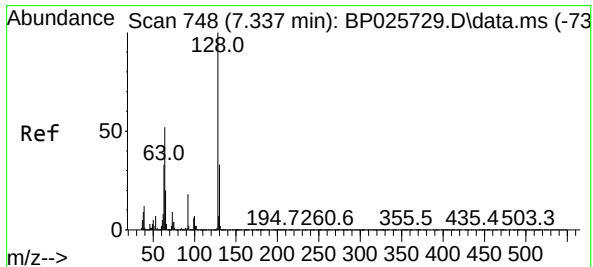
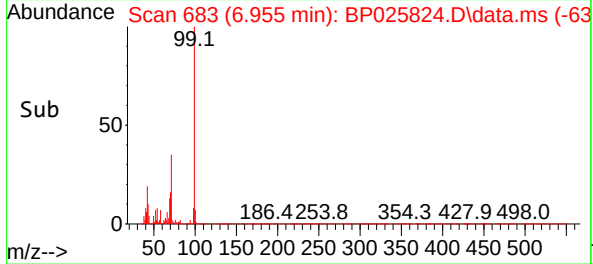
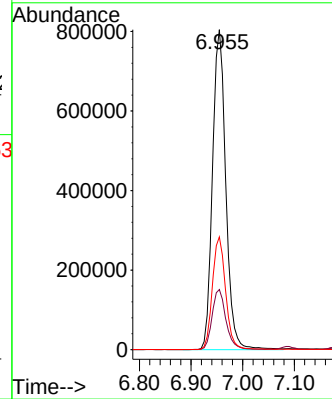
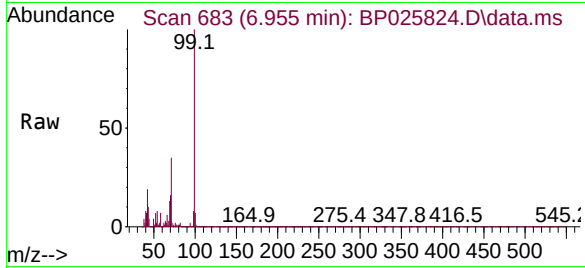




#7
Phenol-d6
Concen: 79.275 ng
RT: 6.955 min Scan# 682
Delta R.T. 0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

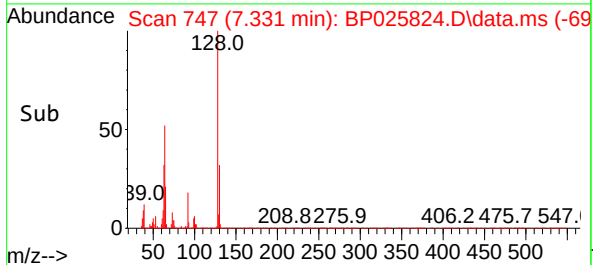
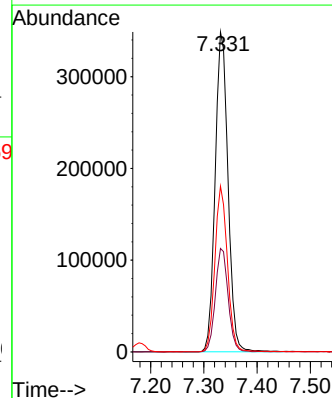
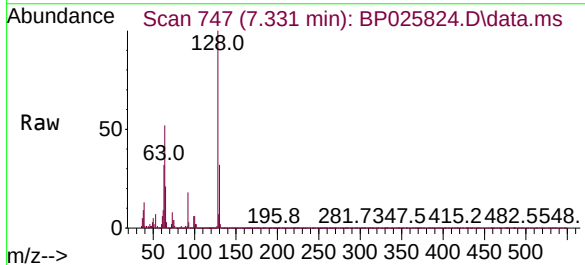
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

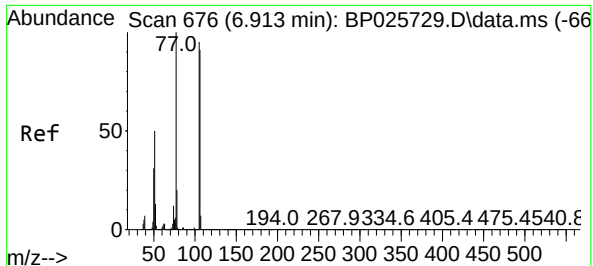
Tgt Ion: 99 Resp: 1436927
Ion Ratio Lower Upper
99 100
42 18.8 15.6 23.4
71 35.2 28.6 43.0



#8
2-Chlorophenol
Concen: 39.159 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion: 128 Resp: 585815
Ion Ratio Lower Upper
128 100
130 32.4 12.6 52.6
64 51.8 31.6 71.6

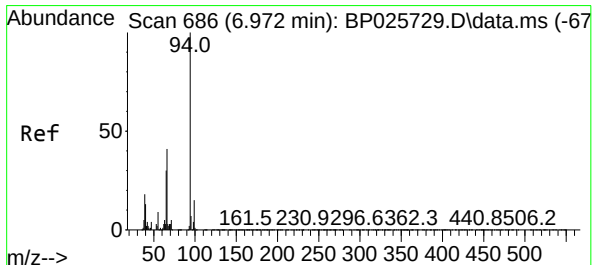
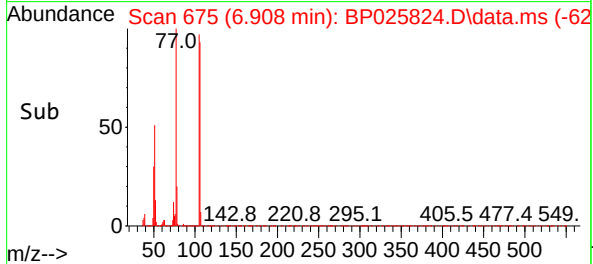
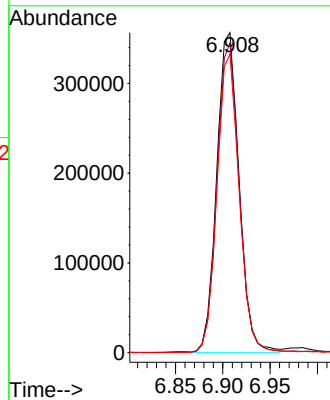
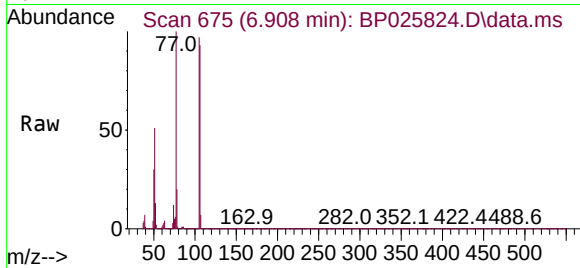




#9
Benzaldehyde
Concen: 53.834 ng
RT: 6.908 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

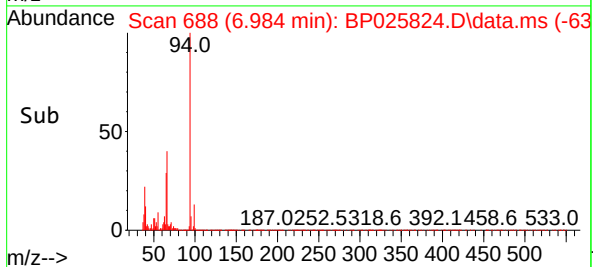
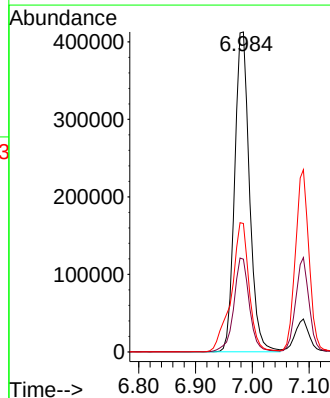
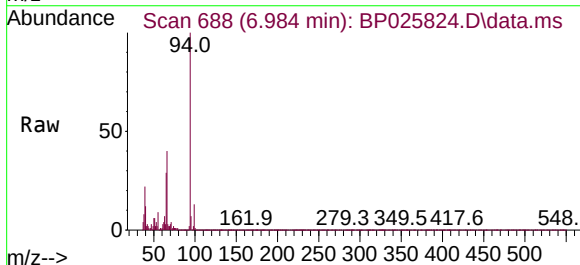
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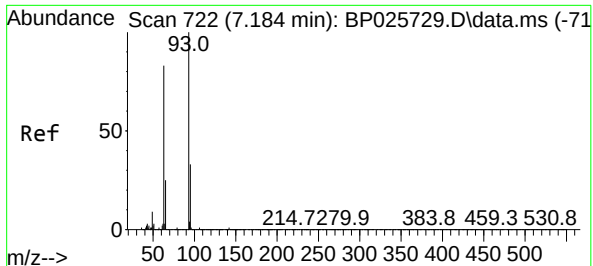
Tgt Ion: 77 Resp: 584867
Ion Ratio Lower Upper
77 100
105 96.8 75.2 115.2
106 93.3 71.3 111.3



#10
Phenol
Concen: 39.274 ng
RT: 6.984 min Scan# 688
Delta R.T. 0.012 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion: 94 Resp: 750633
Ion Ratio Lower Upper
94 100
65 29.0 10.2 50.2
66 40.1 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 38.054 ng

RT: 7.178 min Scan# 71

Delta R.T. -0.006 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

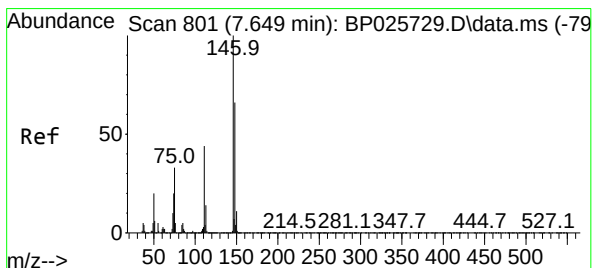
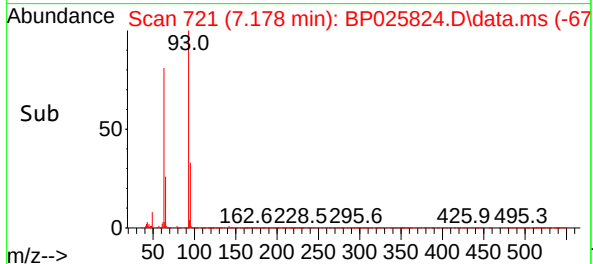
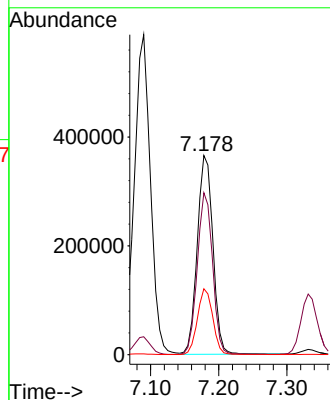
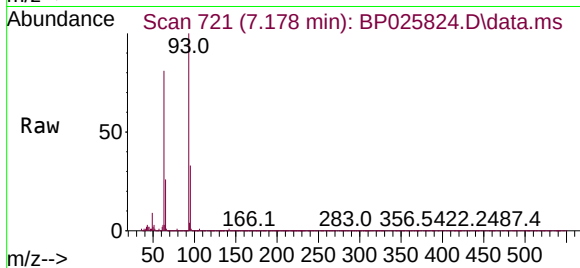
Tgt Ion: 93 Resp: 584333

Ion Ratio Lower Upper

93 100

63 81.3 62.6 102.6

95 33.1 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 37.646 ng

RT: 7.643 min Scan# 800

Delta R.T. -0.006 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

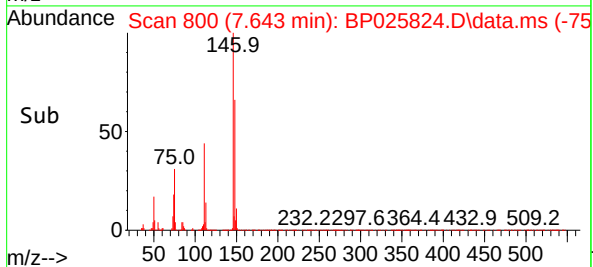
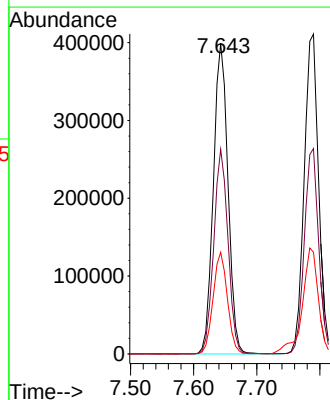
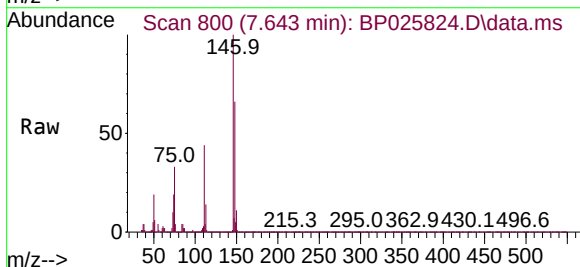
Tgt Ion:146 Resp: 640982

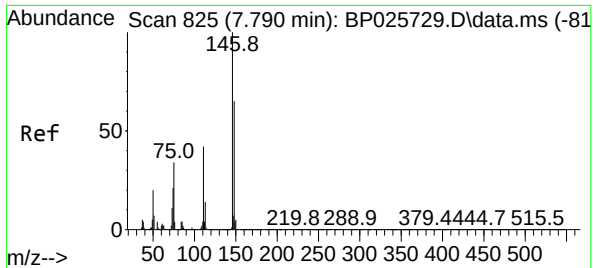
Ion Ratio Lower Upper

146 100

148 65.9 52.7 79.1

75 32.7 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 37.614 ng

RT: 7.790 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

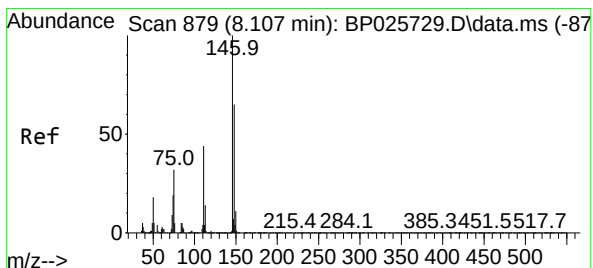
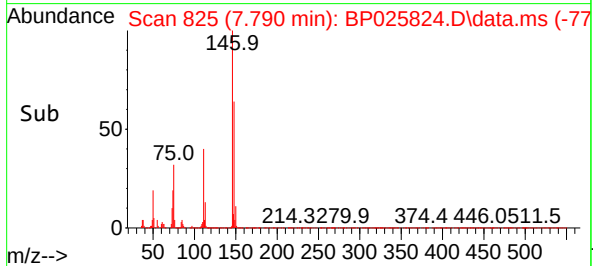
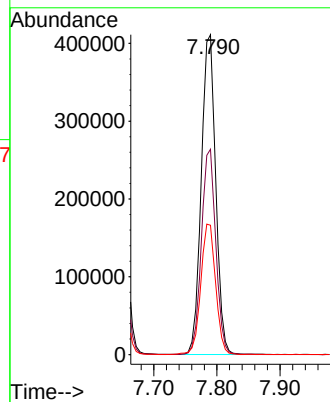
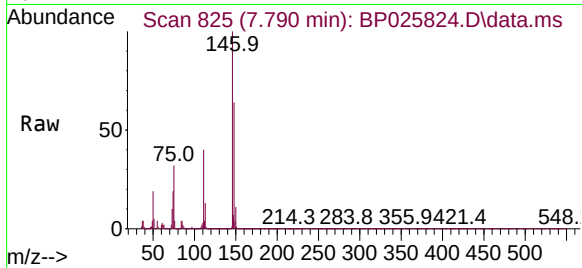
Tgt Ion:146 Resp: 652360

Ion Ratio Lower Upper

146 100

148 64.2 52.0 78.0

111 40.4 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 37.475 ng

RT: 8.102 min Scan# 878

Delta R.T. -0.006 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

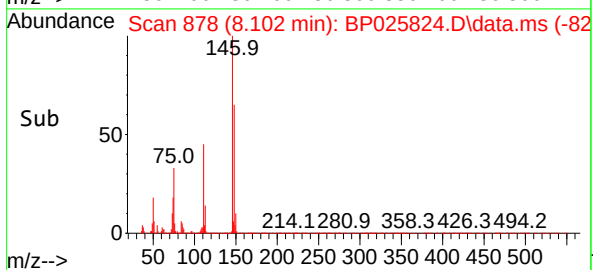
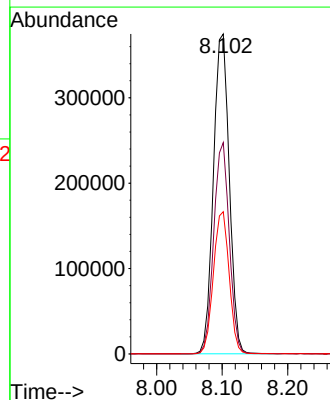
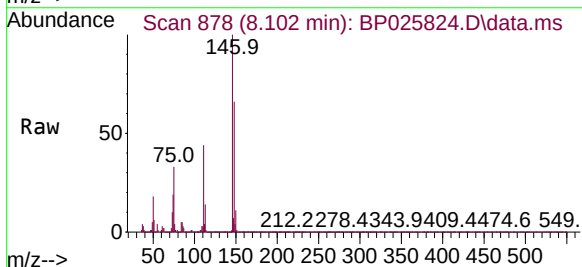
Tgt Ion:146 Resp: 631418

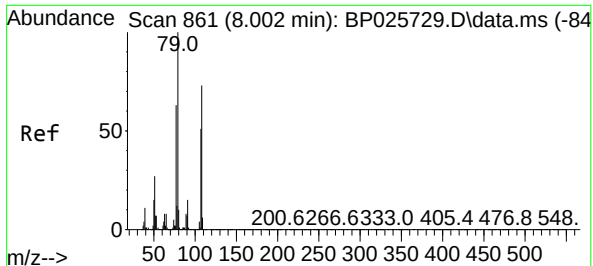
Ion Ratio Lower Upper

146 100

148 66.0 51.7 77.5

111 44.4 35.5 53.3

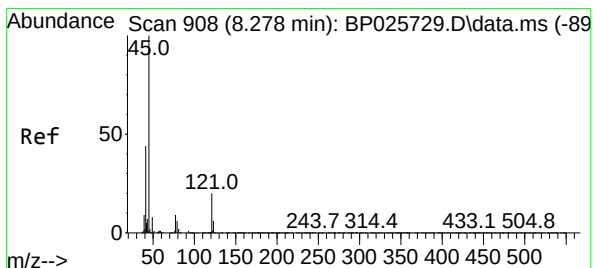
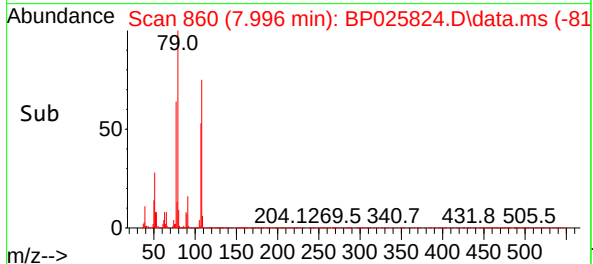
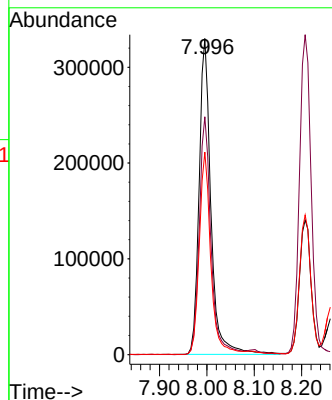
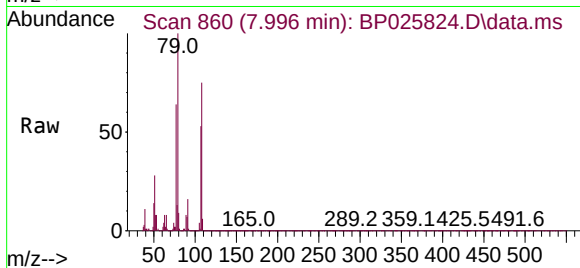




#15
Benzyl Alcohol
Concen: 38.277 ng
RT: 7.996 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

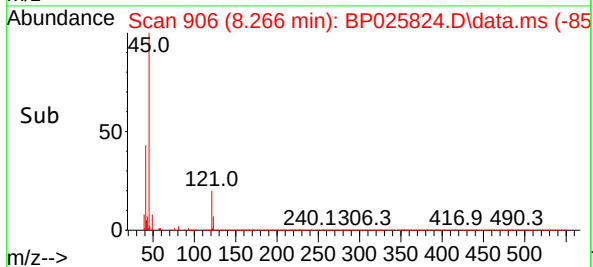
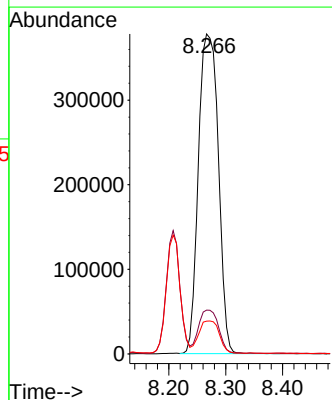
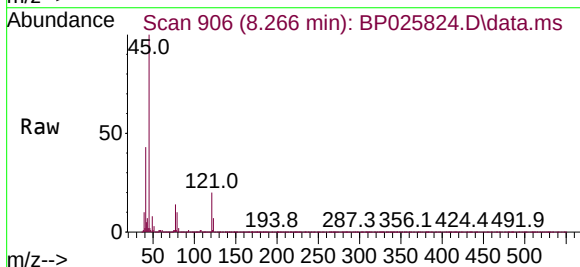
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

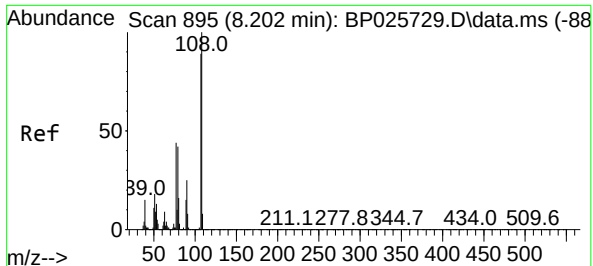
Tgt Ion: 79 Resp: 573313
Ion Ratio Lower Upper
79 100
108 75.3 58.7 88.1
77 64.1 50.2 75.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.722 ng
RT: 8.266 min Scan# 906
Delta R.T. -0.012 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion: 45 Resp: 922143
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.1
79 10.2 0.0 30.0

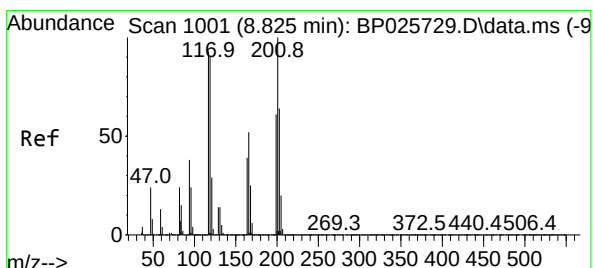
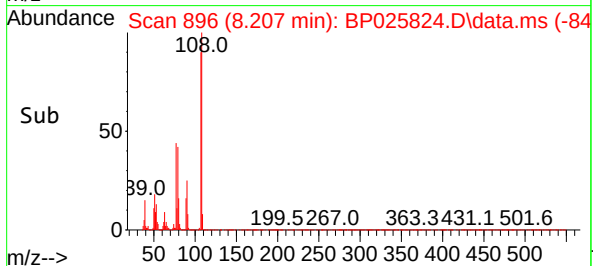
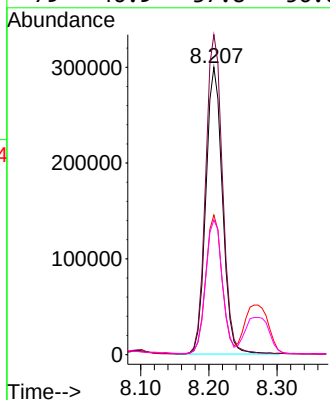
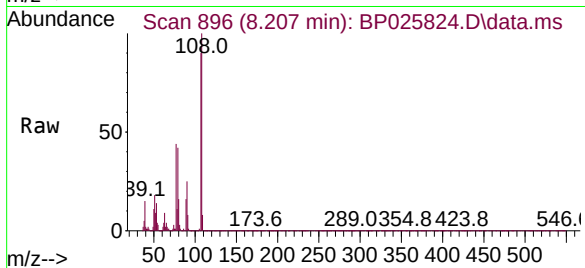




#17
2-Methylphenol
Concen: 39.254 ng
RT: 8.207 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

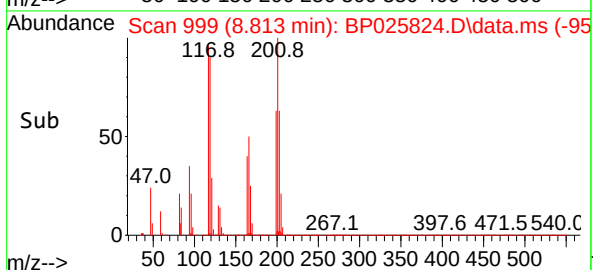
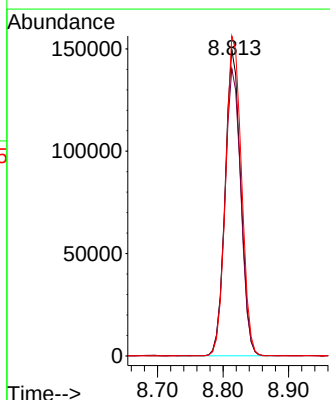
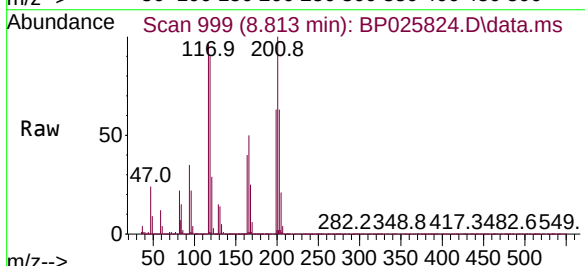
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

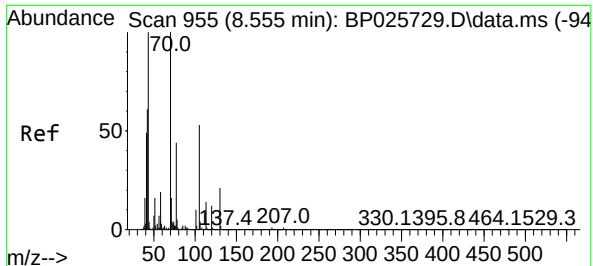
Tgt Ion:	107	Resp:	505819
Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.6	134.4
77	48.6	39.3	58.9
79	46.9	37.8	56.6



#18
Hexachloroethane
Concen: 37.559 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:	117	Resp:	248818
Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.1	115.7
201	104.5	85.6	128.4





#19

n-Nitroso-di-n-propylamine

Concen: 39.119 ng

RT: 8.549 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP025824.D

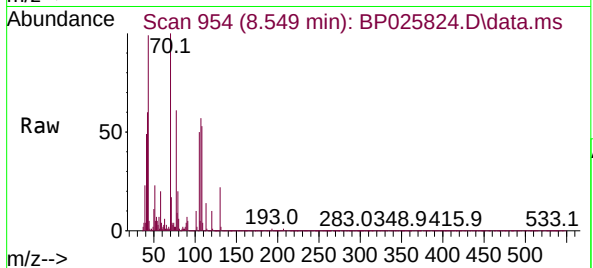
Acq: 23 Sep 2025 11:03

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 494558

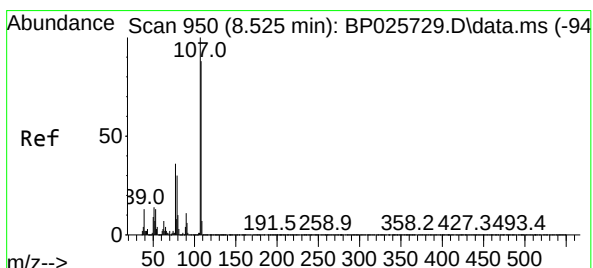
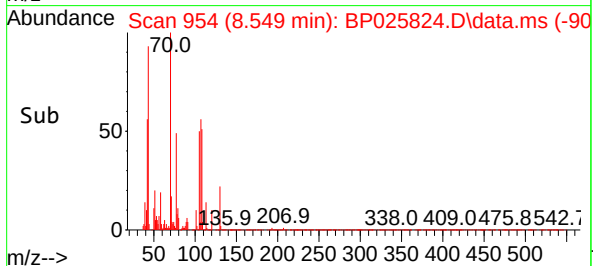
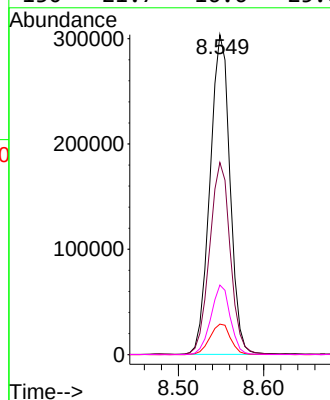
Ion Ratio Lower Upper

70 100

42 60.0 49.0 73.4

101 9.5 7.9 11.9

130 21.7 16.6 25.0



#20

3+4-Methylphenols

Concen: 38.241 ng

RT: 8.537 min Scan# 952

Delta R.T. 0.012 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

Tgt Ion: 107 Resp: 690109

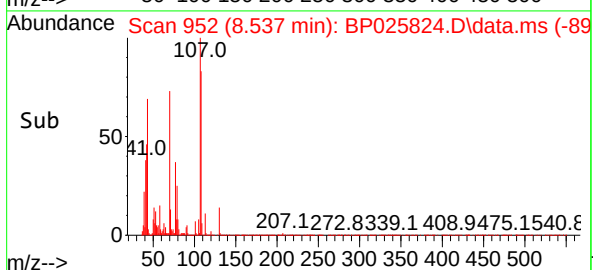
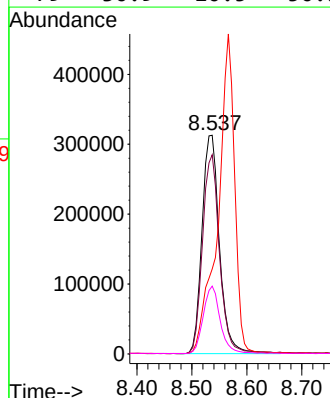
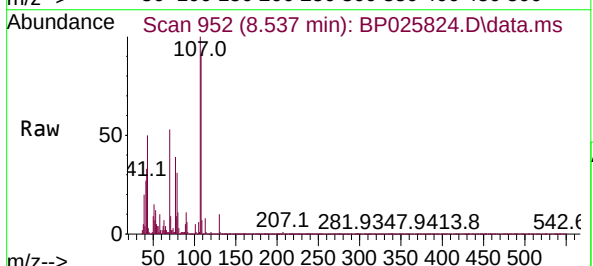
Ion Ratio Lower Upper

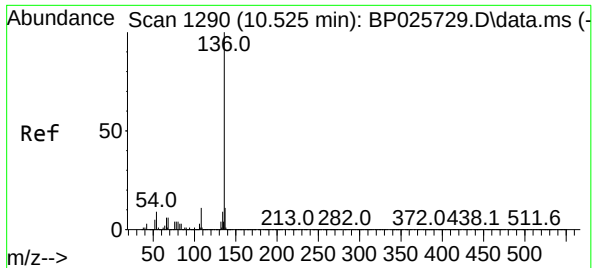
107 100

108 91.0 67.8 107.8

77 38.8 16.1 56.1

79 30.9 10.5 50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.519 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 921644

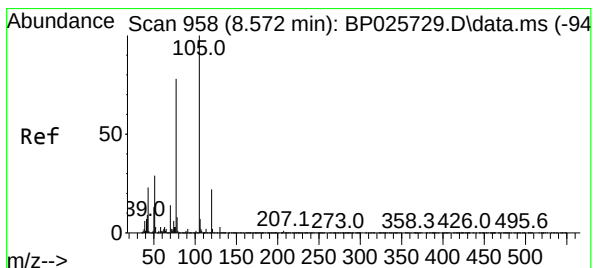
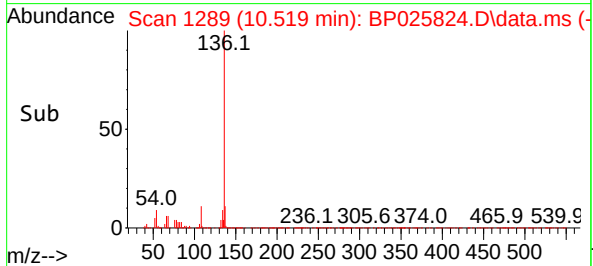
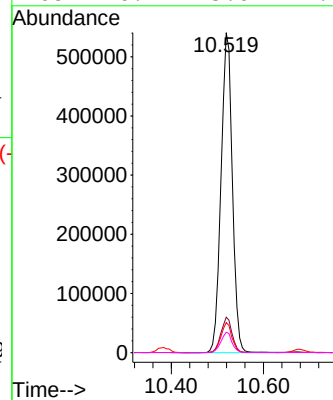
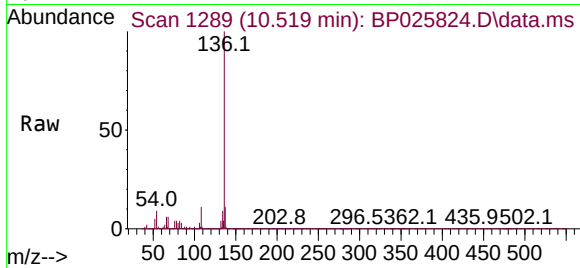
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.4 7.5 11.3

68 6.4 5.0 7.6



#22

Acetophenone

Concen: 38.549 ng

RT: 8.566 min Scan# 957

Delta R.T. -0.006 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

Tgt Ion:105 Resp: 949454

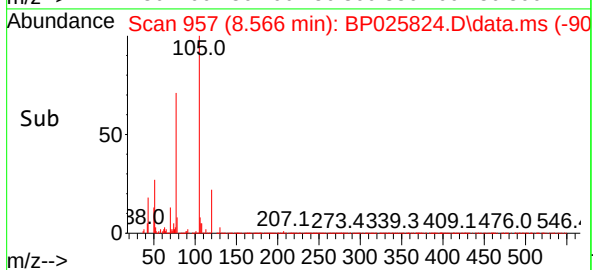
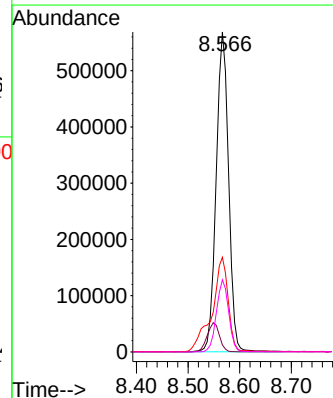
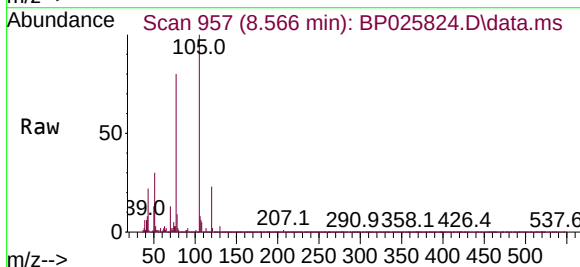
Ion Ratio Lower Upper

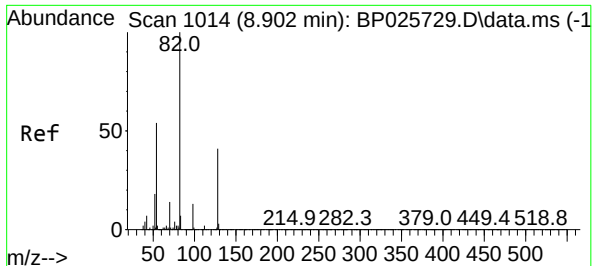
105 100

71 2.2 1.8 2.8

51 29.6 23.5 35.3

120 22.5 17.7 26.5



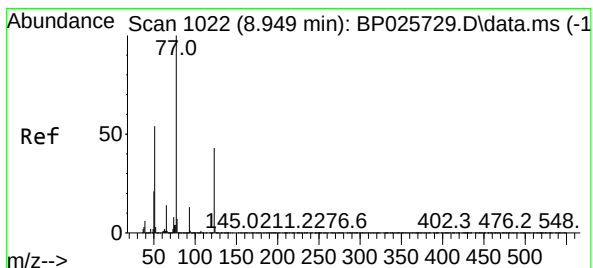
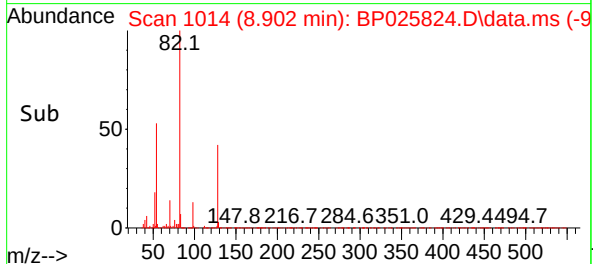
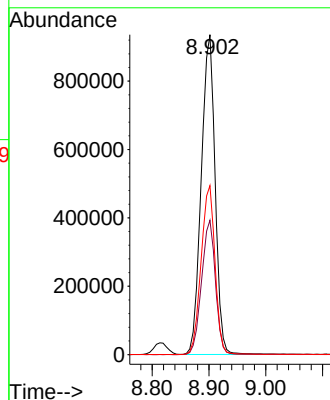
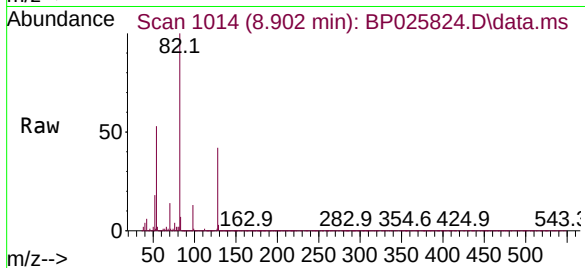


#23
Nitrobenzene-d5
Concen: 75.897 ng
RT: 8.902 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1585779

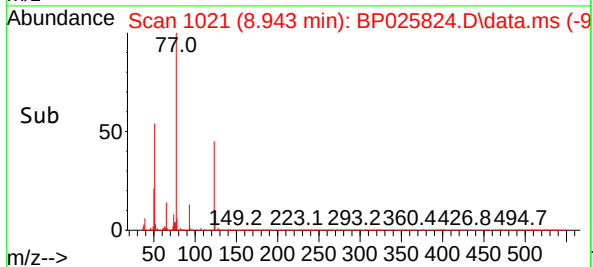
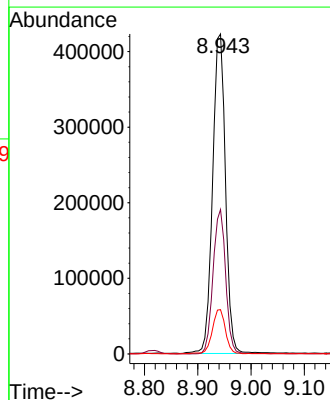
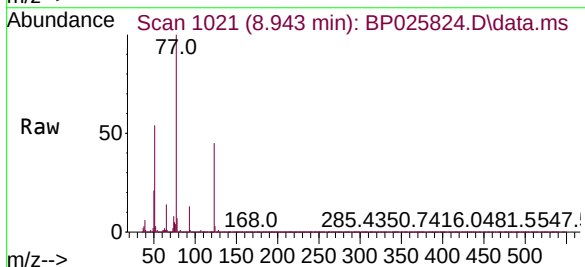
Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.9	49.3
54	52.8	43.4	65.2

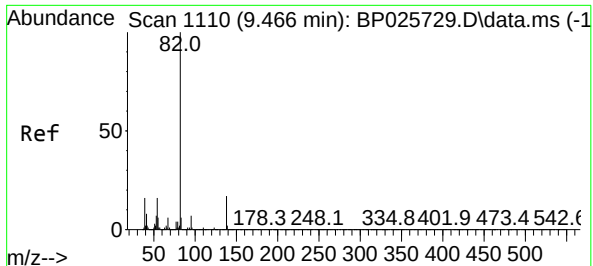


#24
Nitrobenzene
Concen: 37.992 ng
RT: 8.943 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion: 77 Resp: 712120

Ion	Ratio	Lower	Upper
77	100		
123	45.1	34.4	51.6
65	13.8	10.8	16.2

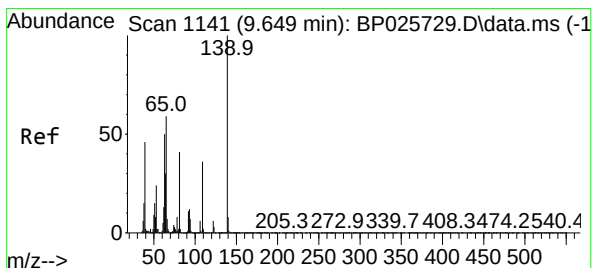
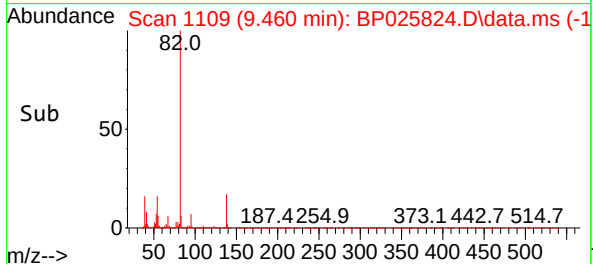
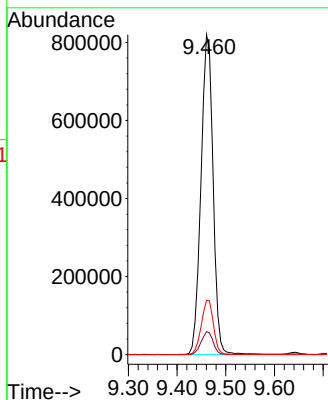
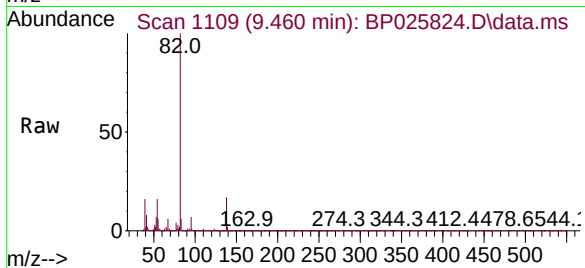




#25
Isophorone
Concen: 38.527 ng
RT: 9.460 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

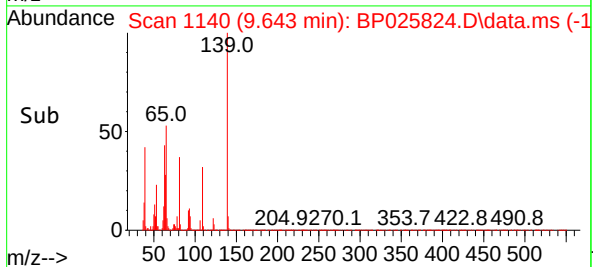
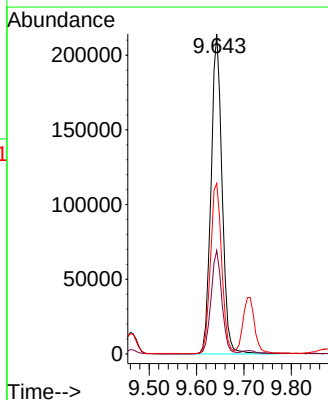
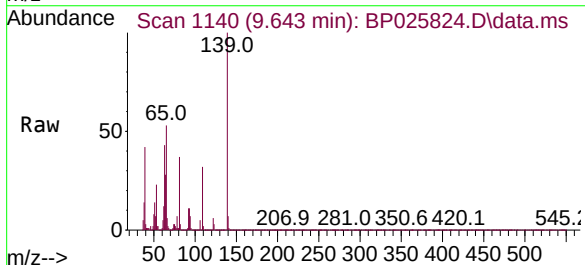
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

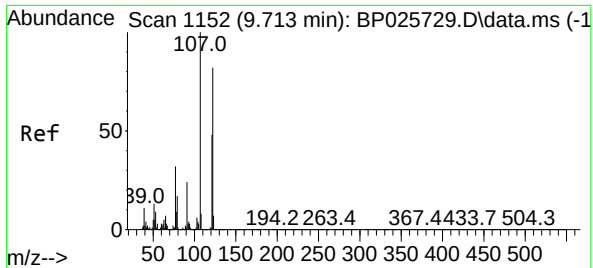
Tgt Ion: 82 Resp: 1414869
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 17.0 13.5 20.3



#26
2-Nitrophenol
Concen: 41.652 ng
RT: 9.643 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion: 139 Resp: 346627
Ion Ratio Lower Upper
139 100
109 32.3 29.0 43.4
65 53.3 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 39.339 ng

RT: 9.707 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

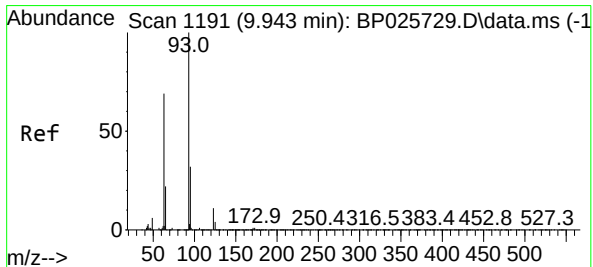
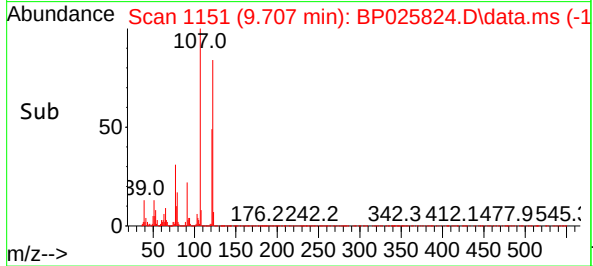
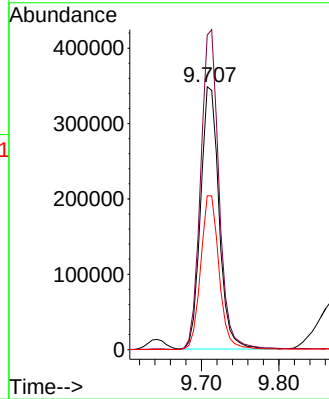
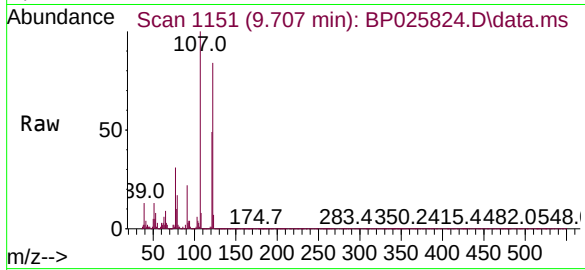
Tgt Ion:122 Resp: 574336

Ion Ratio Lower Upper

122 100

107 119.7 97.9 146.9

121 58.5 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 38.755 ng

RT: 9.931 min Scan# 1189

Delta R.T. -0.012 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

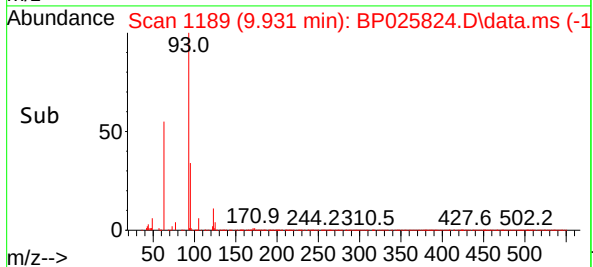
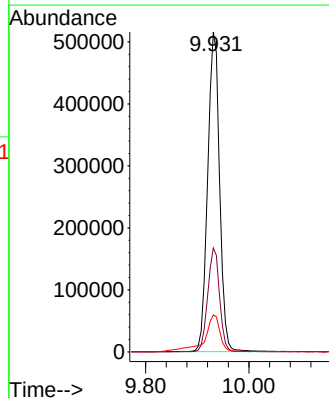
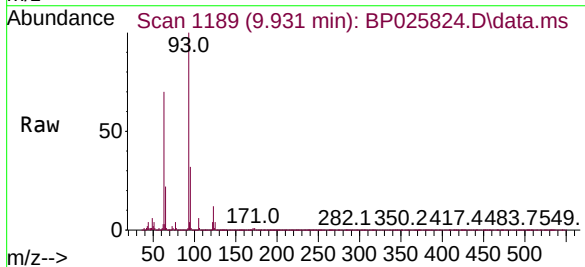
Tgt Ion: 93 Resp: 822701

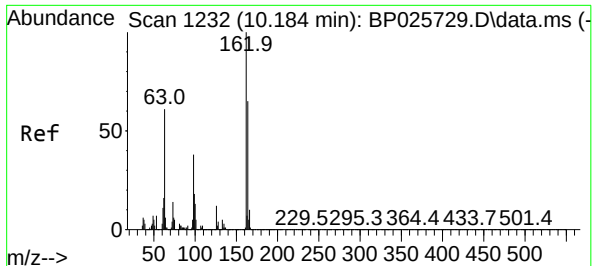
Ion Ratio Lower Upper

93 100

95 32.5 25.6 38.4

123 11.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.529 ng

RT: 10.196 min Scan# 1232

Delta R.T. 0.012 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

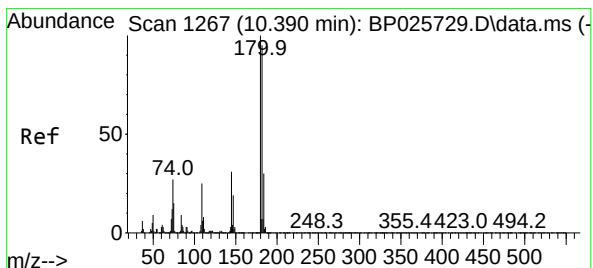
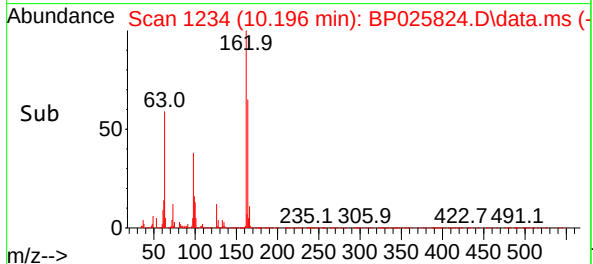
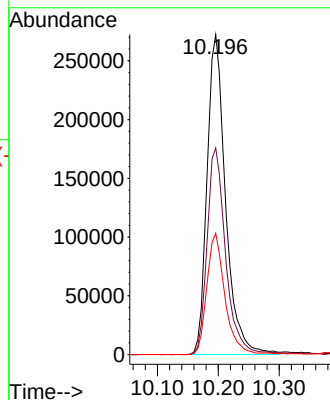
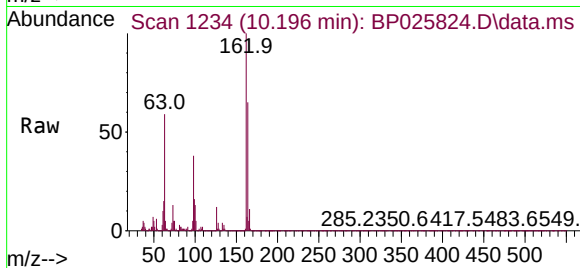
Tgt Ion:162 Resp: 575405

Ion Ratio Lower Upper

162 100

164 64.6 44.7 84.7

98 37.9 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 37.881 ng

RT: 10.384 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

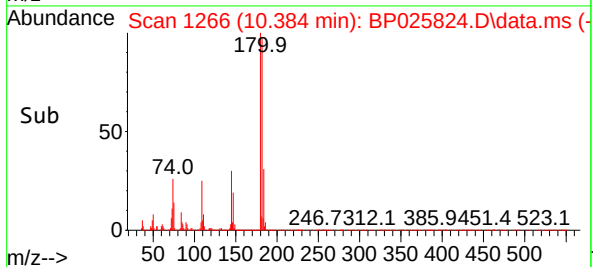
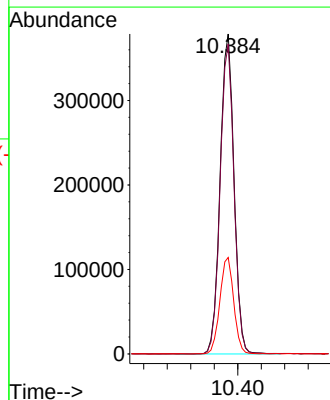
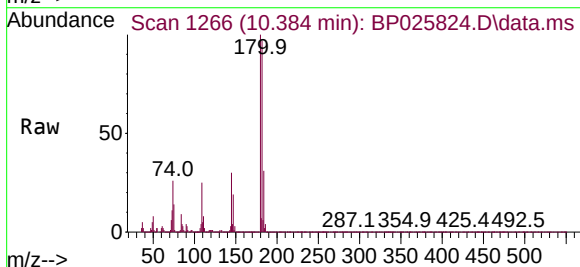
Tgt Ion:180 Resp: 621445

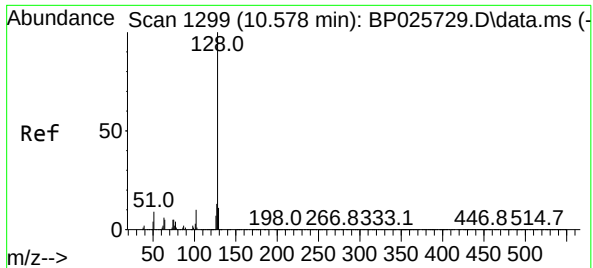
Ion Ratio Lower Upper

180 100

182 96.9 76.0 114.0

145 30.1 24.7 37.1

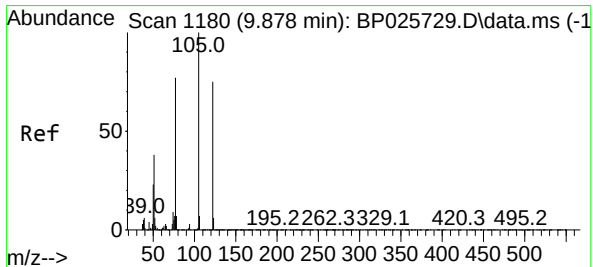
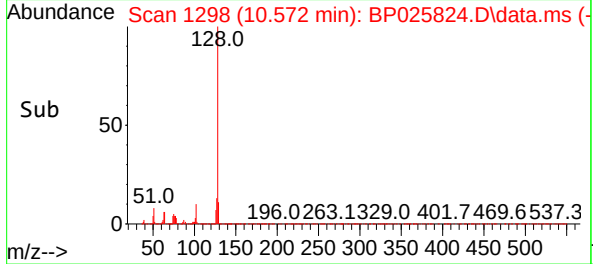
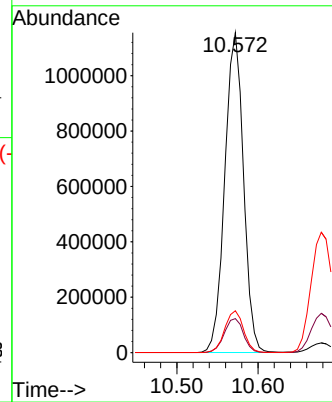
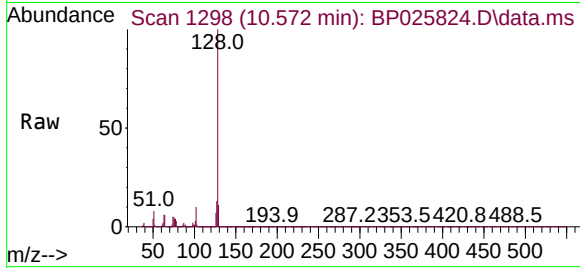




#31
Naphthalene
Concen: 37.128 ng
RT: 10.572 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

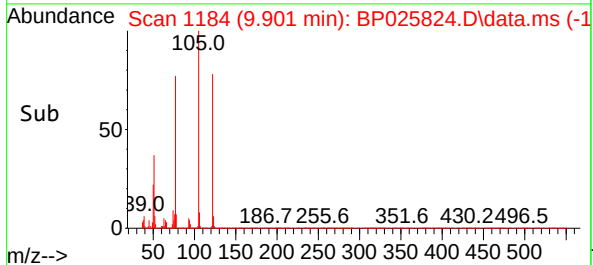
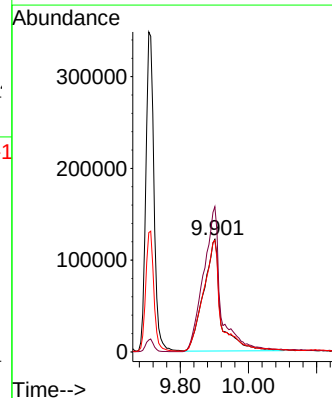
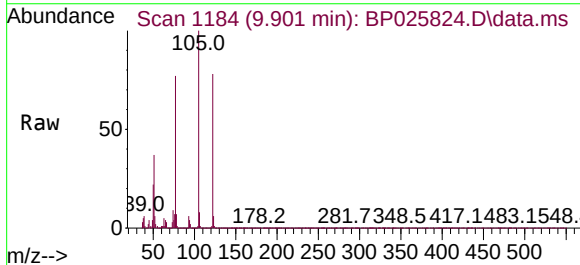
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

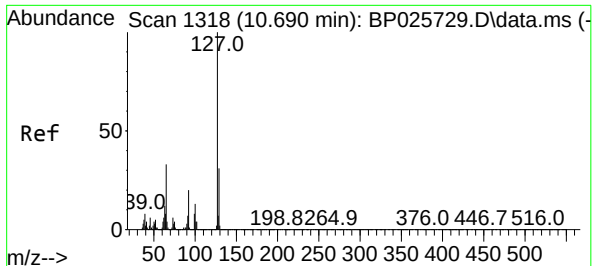
Tgt Ion:128 Resp: 1845082
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 40.214 ng
RT: 9.901 min Scan# 1184
Delta R.T. 0.023 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:122 Resp: 436495
Ion Ratio Lower Upper
122 100
105 129.0 111.5 151.5
77 99.1 81.8 121.8

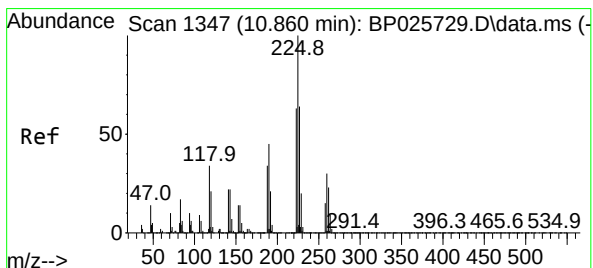
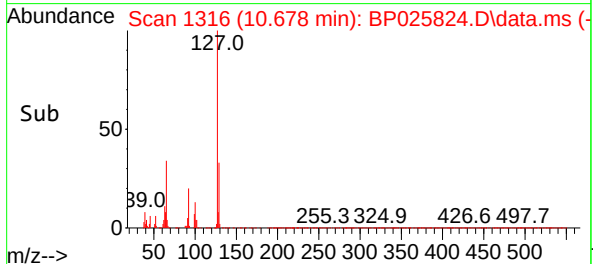
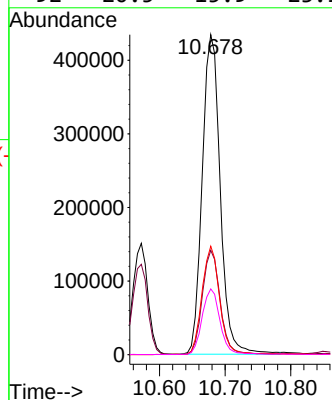
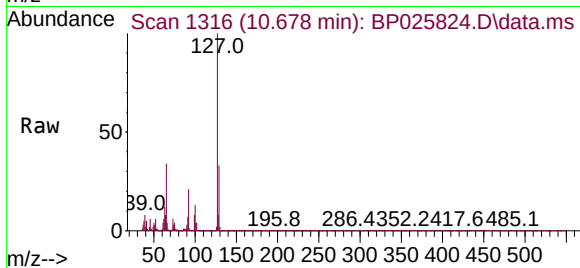




#33
4-Chloroaniline
Concen: 39.979 ng
RT: 10.678 min Scan# 1318
Delta R.T. -0.012 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

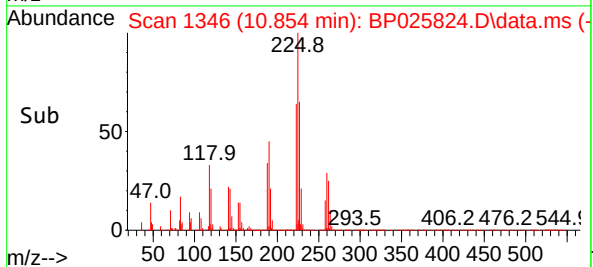
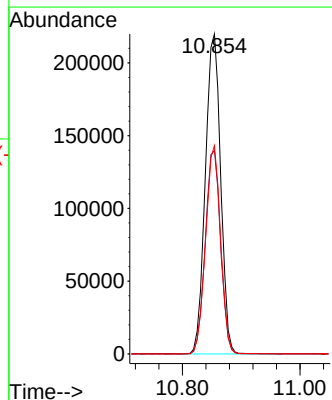
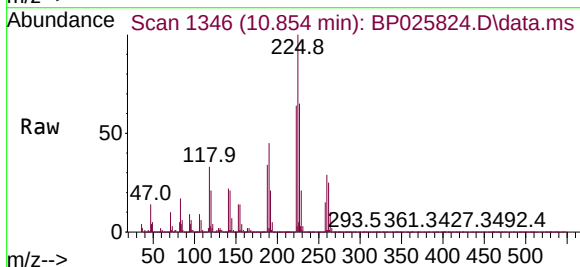
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

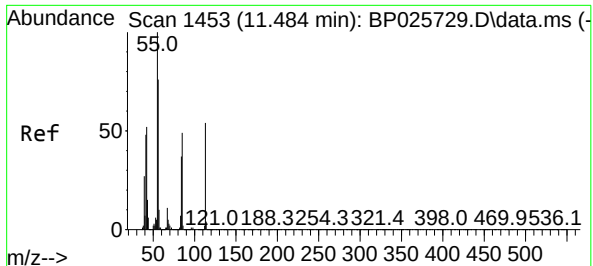
Tgt Ion:	127	Resp:	828104
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.1	37.7
65	33.9	26.4	39.6
92	20.5	15.9	23.9



#34
Hexachlorobutadiene
Concen: 37.589 ng
RT: 10.854 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:	225	Resp:	396965
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.1	75.1
227	65.1	51.2	76.8

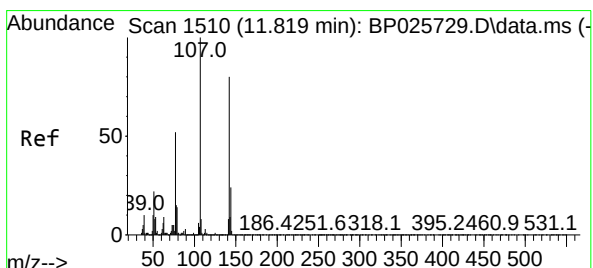
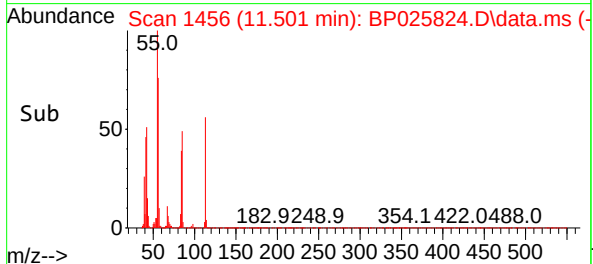
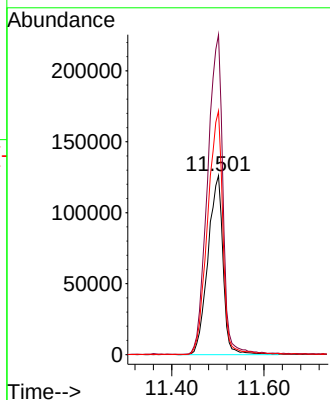
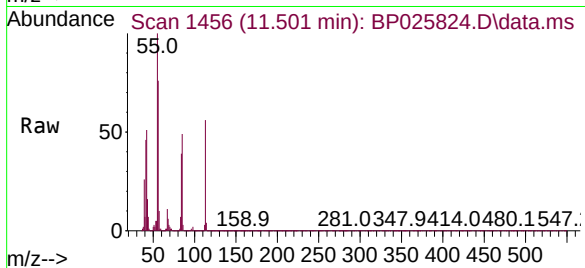




#35
Caprolactam
Concen: 50.943 ng
RT: 11.501 min Scan# 1453
Delta R.T. 0.018 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

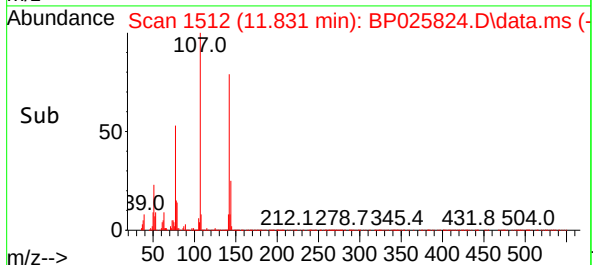
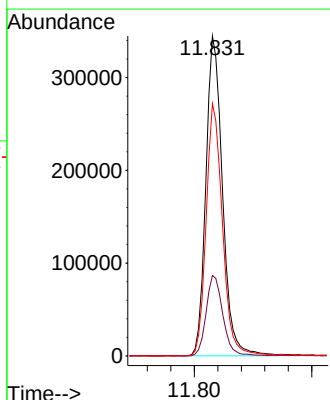
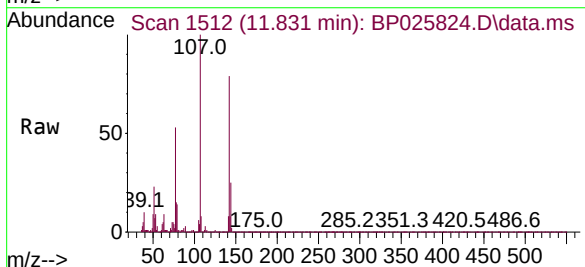
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

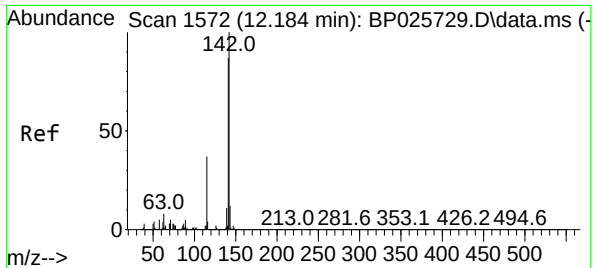
Tgt Ion:113 Resp: 285853
Ion Ratio Lower Upper
113 100
55 178.7 165.5 205.5
56 136.1 121.1 161.1



#36
4-Chloro-3-methylphenol
Concen: 39.093 ng
RT: 11.831 min Scan# 1512
Delta R.T. 0.012 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:107 Resp: 678445
Ion Ratio Lower Upper
107 100
144 25.2 19.4 29.2
142 78.8 63.8 95.6

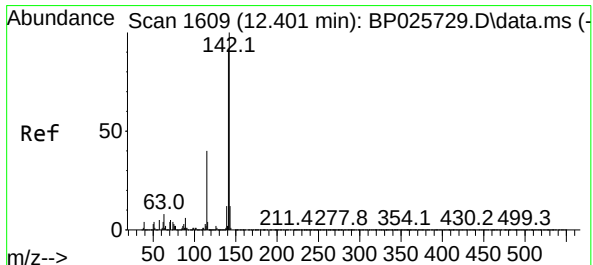
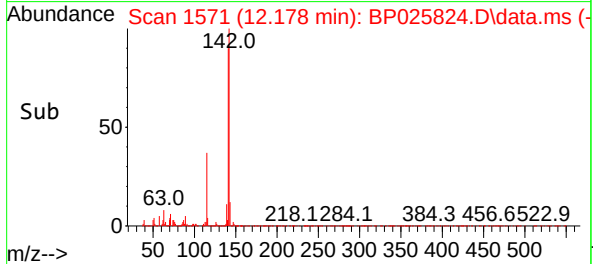
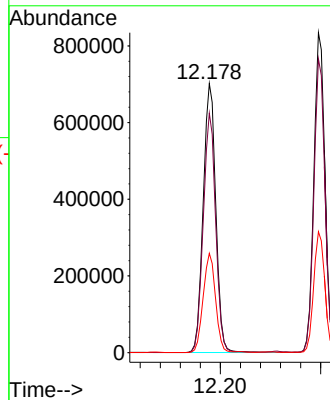
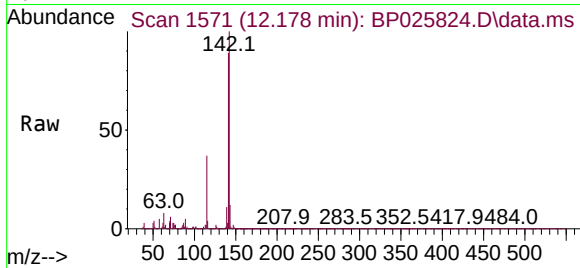




#37
2-Methylnaphthalene
Concen: 38.330 ng
RT: 12.178 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

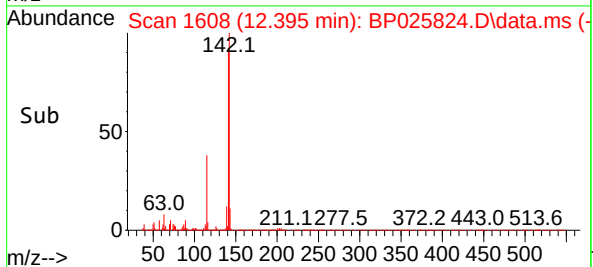
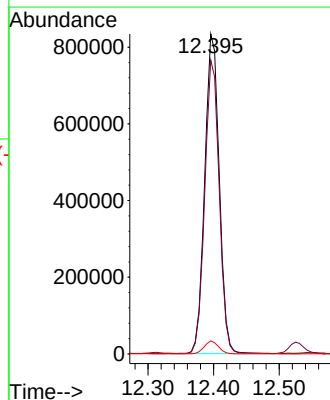
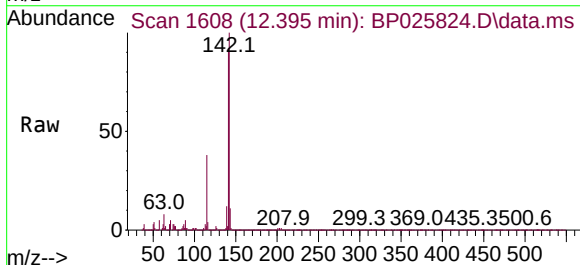
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

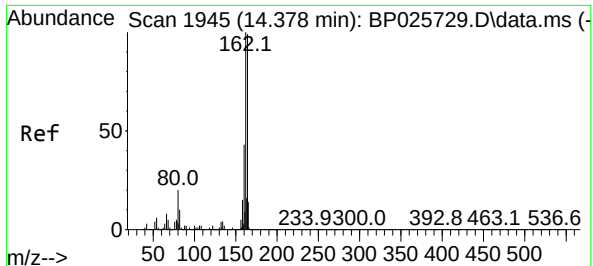
Tgt Ion:142 Resp: 1223450
Ion Ratio Lower Upper
142 100
141 89.0 69.6 104.4
115 36.9 30.0 45.0



#38
1-Methylnaphthalene
Concen: 37.509 ng
RT: 12.395 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:142 Resp: 1276709
Ion Ratio Lower Upper
142 100
141 91.8 72.7 109.1
116 4.1 3.5 5.3

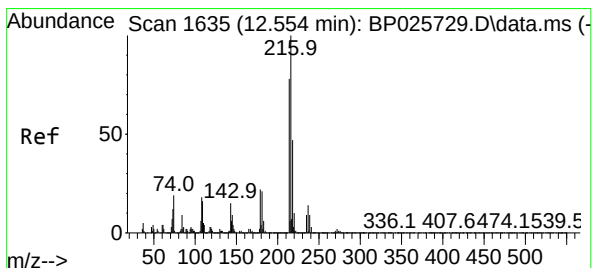
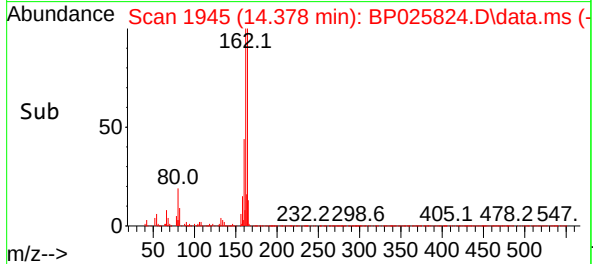
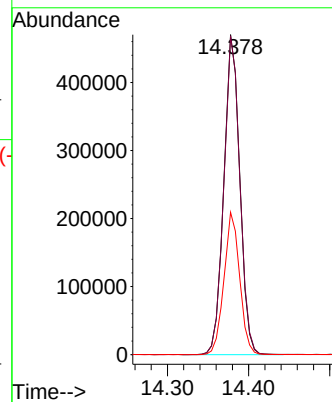
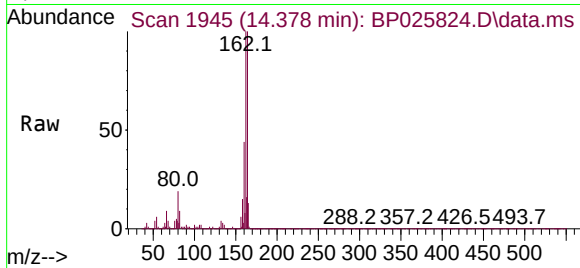




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

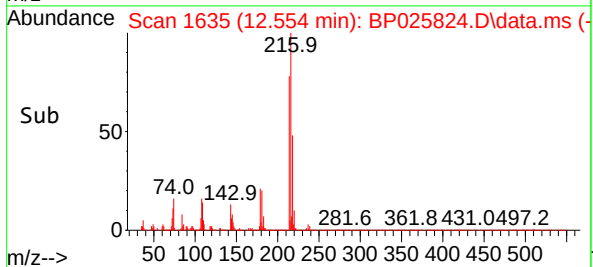
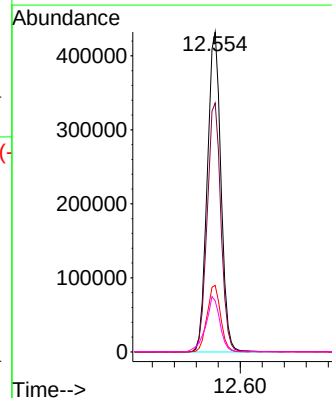
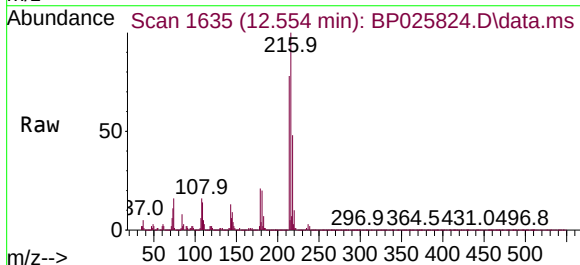
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

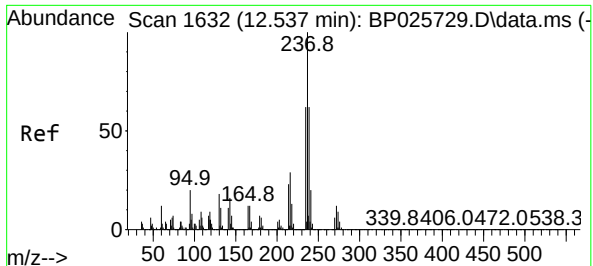
Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.6	120.8
160	44.5	35.0	52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.311 ng
RT: 12.554 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.4	93.6
179	20.8	17.0	25.6
108	17.8	15.2	22.8

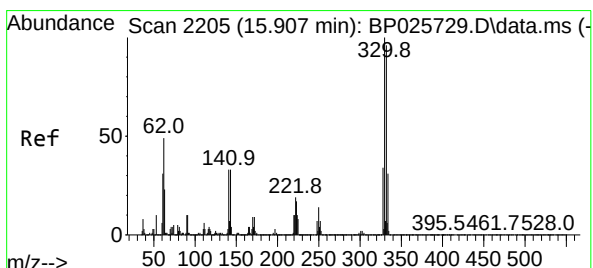
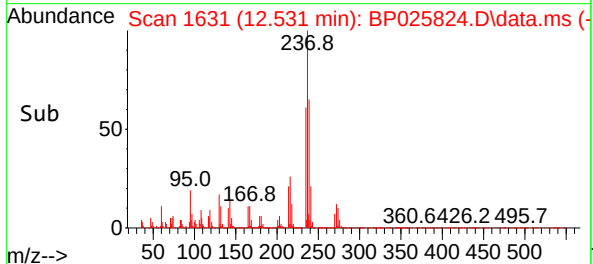
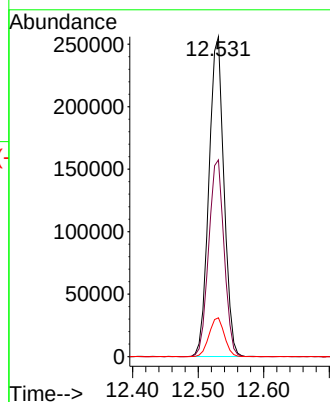
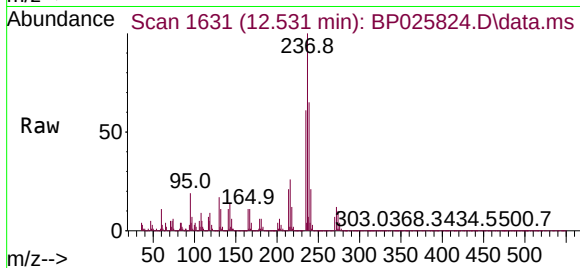




#41
Hexachlorocyclopentadiene
Concen: 38.502 ng
RT: 12.531 min Scan# 1631
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

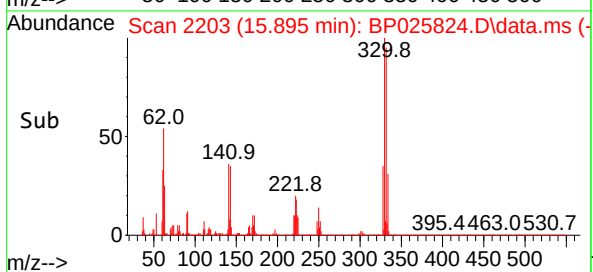
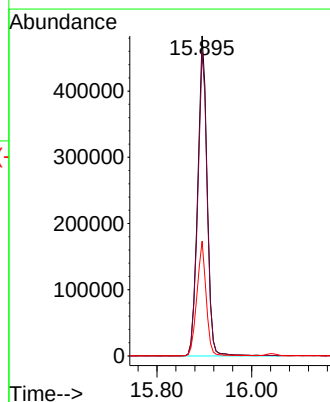
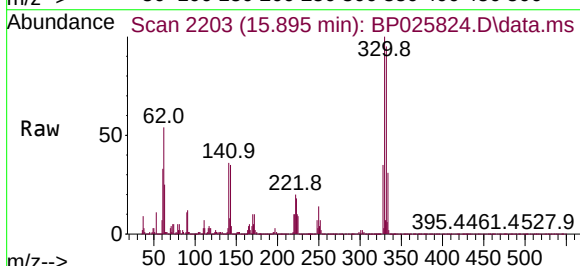
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

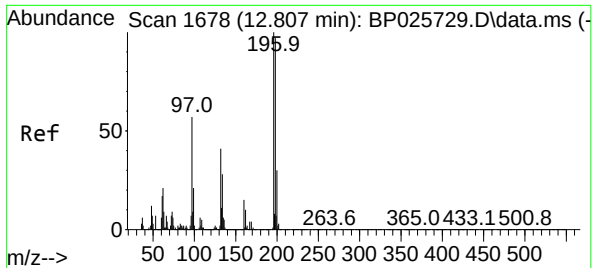
Tgt Ion:237 Resp: 406967
Ion Ratio Lower Upper
237 100
235 61.5 41.9 81.9
272 12.1 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 83.527 ng
RT: 15.895 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:330 Resp: 667252
Ion Ratio Lower Upper
330 100
332 95.4 76.9 115.3
141 35.0 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 39.984 ng

RT: 12.801 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

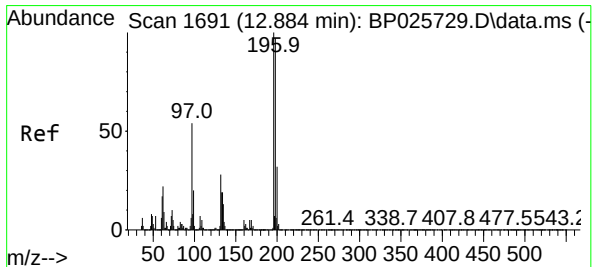
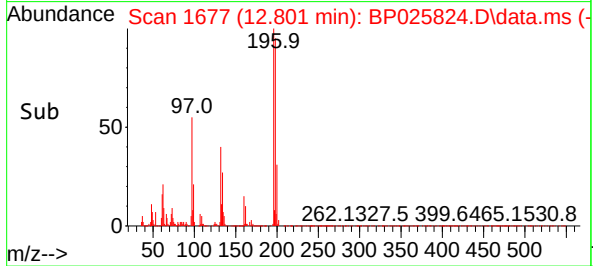
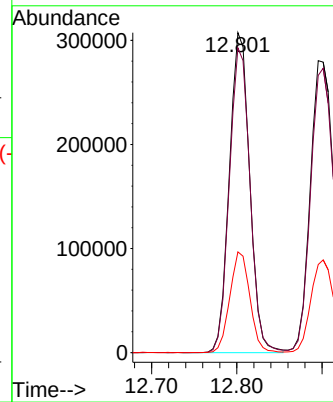
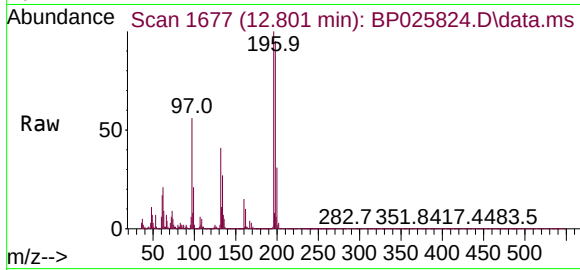
Tgt Ion:196 Resp: 510135

Ion Ratio Lower Upper

196 100

198 95.2 77.2 115.8

200 31.5 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 39.379 ng

RT: 12.895 min Scan# 1693

Delta R.T. 0.012 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

Tgt Ion:196 Resp: 559153

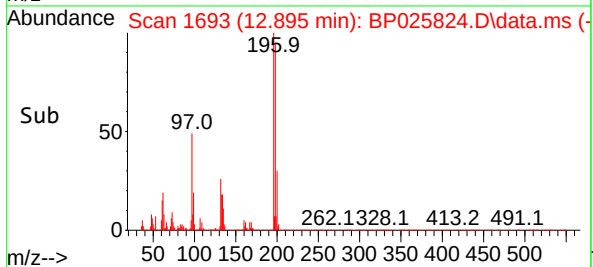
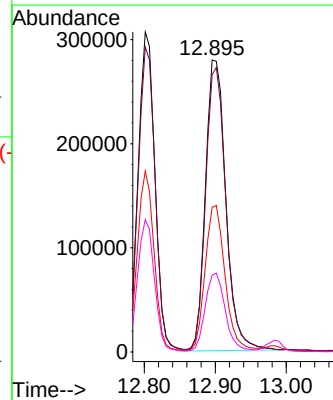
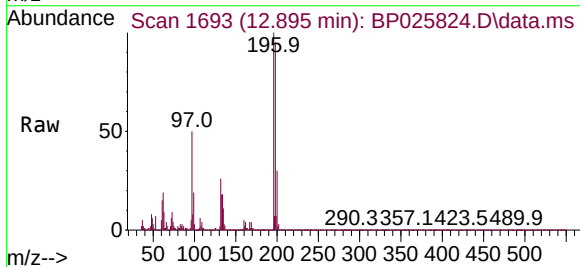
Ion Ratio Lower Upper

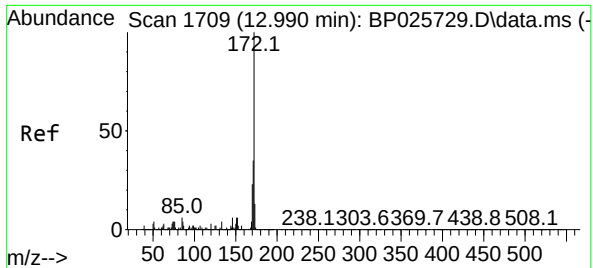
196 100

198 95.0 77.8 116.8

97 49.5 43.3 64.9

132 26.4 22.3 33.5

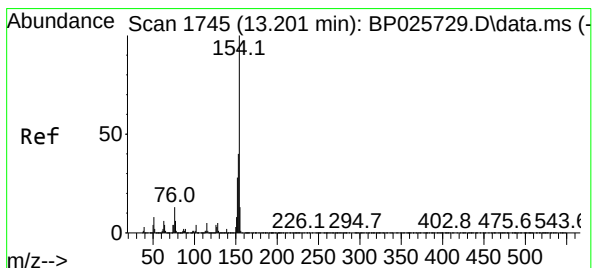
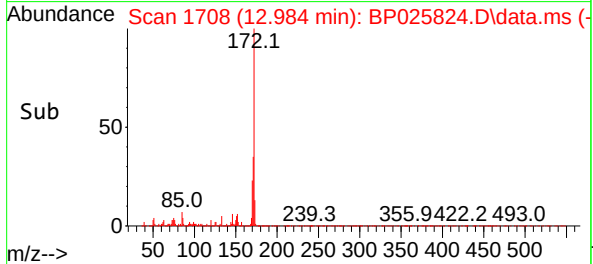
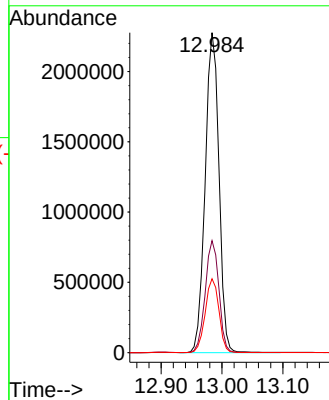
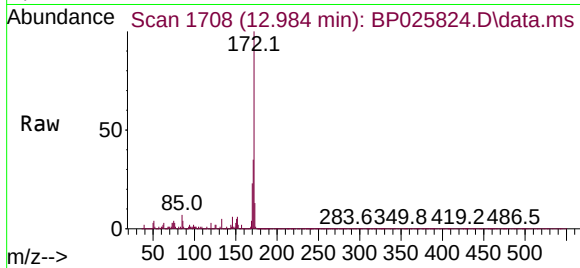




#45
2-Fluorobiphenyl
Concen: 74.336 ng
RT: 12.984 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

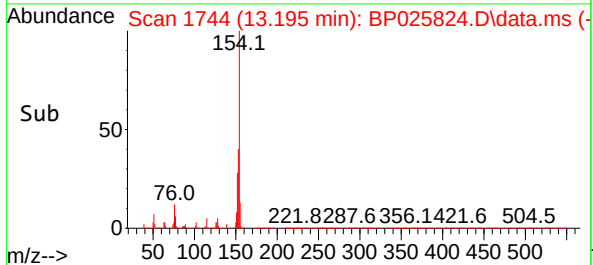
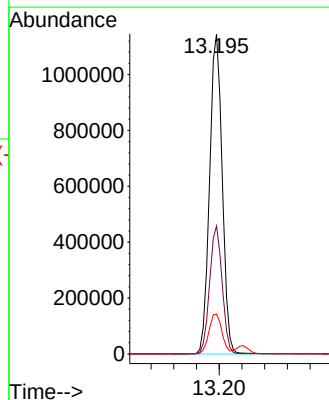
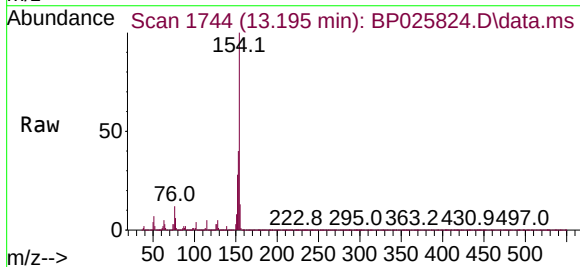
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

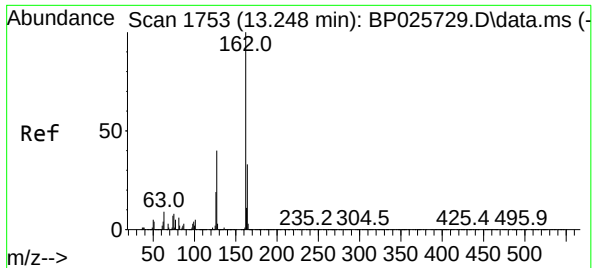
Tgt Ion:172 Resp: 3575606
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.1 18.6 27.8



#46
1,1'-Biphenyl
Concen: 37.684 ng
RT: 13.195 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:154 Resp: 1771502
Ion Ratio Lower Upper
154 100
153 40.0 19.7 59.7
76 12.5 0.0 33.3

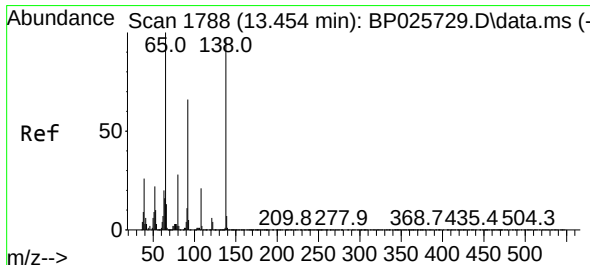
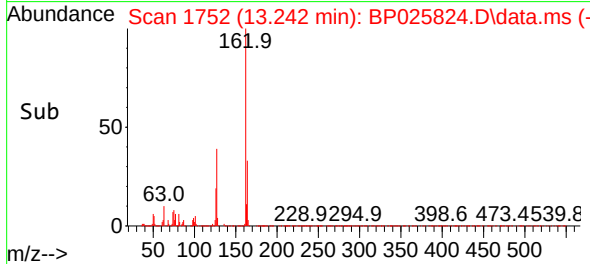
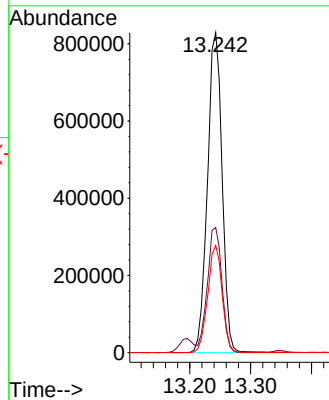
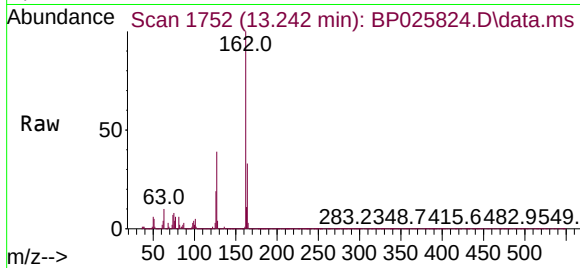




#47
2-Chloronaphthalene
Concen: 37.397 ng
RT: 13.242 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

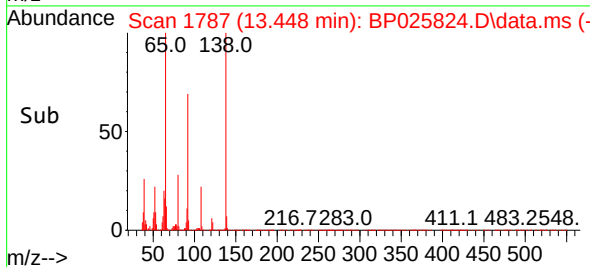
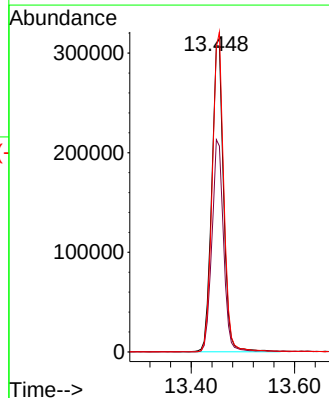
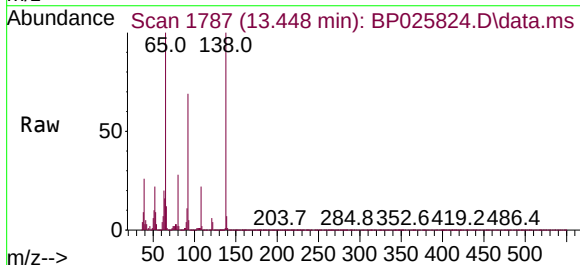
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

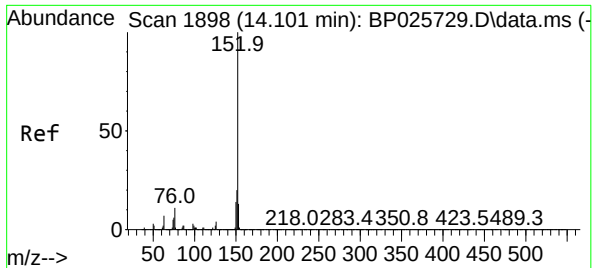
Tgt Ion:162 Resp: 1384278
Ion Ratio Lower Upper
162 100
127 39.1 32.2 48.4
164 33.5 26.5 39.7



#48
2-Nitroaniline
Concen: 39.780 ng
RT: 13.448 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion: 65 Resp: 490839
Ion Ratio Lower Upper
65 100
92 69.3 53.1 79.7
138 99.6 77.8 116.8





#49

Acenaphthylene

Concen: 37.860 ng

RT: 14.095 min Scan# 1897

Delta R.T. -0.006 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

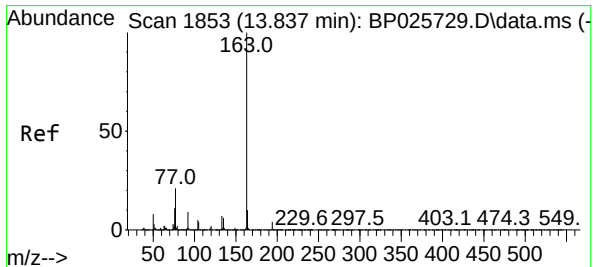
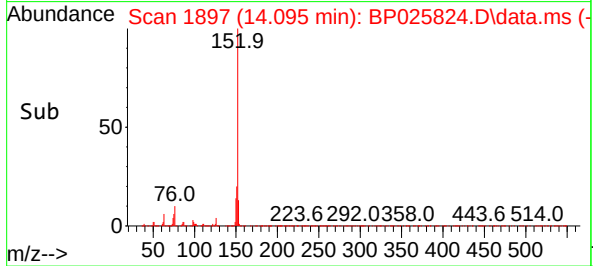
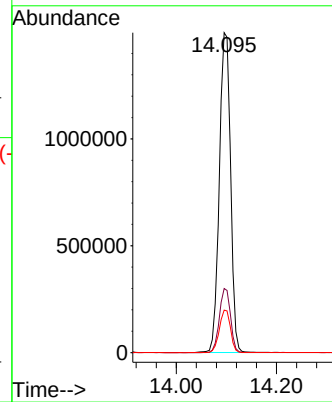
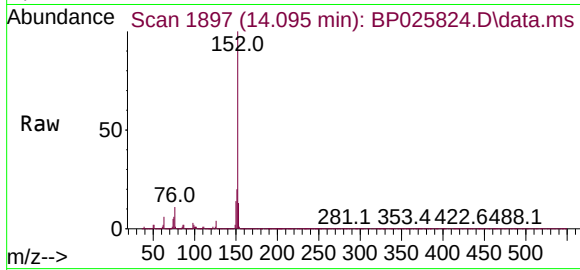
Tgt Ion:152 Resp: 2321959

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.6

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 38.637 ng

RT: 13.831 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

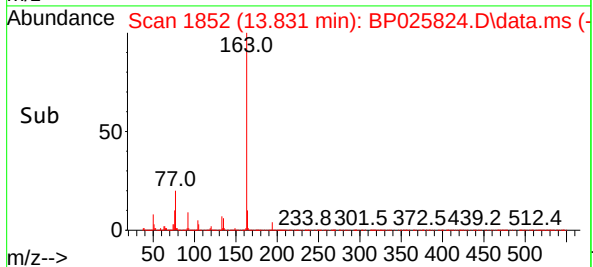
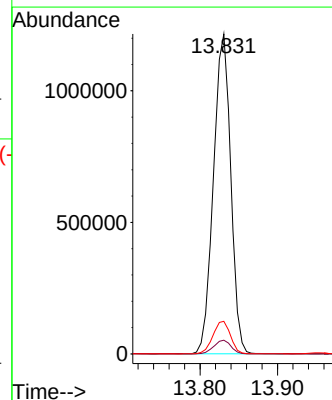
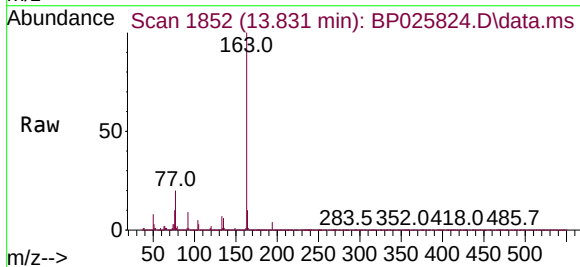
Tgt Ion:163 Resp: 1889211

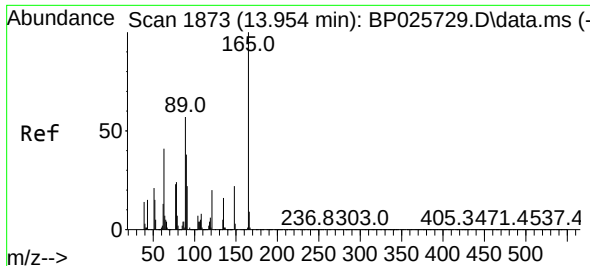
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.2 8.2 12.2

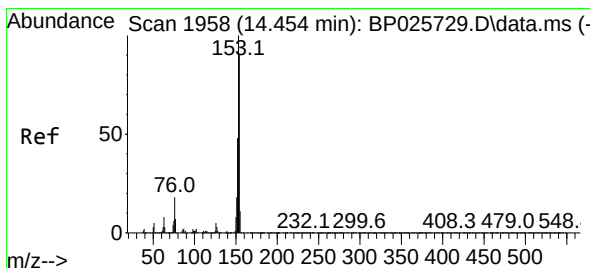
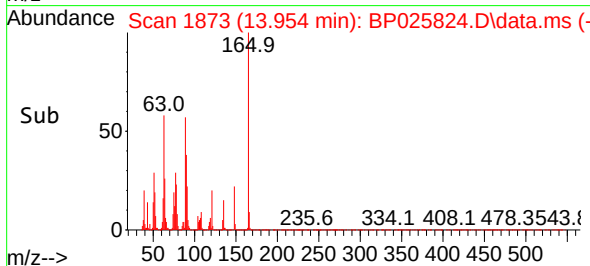
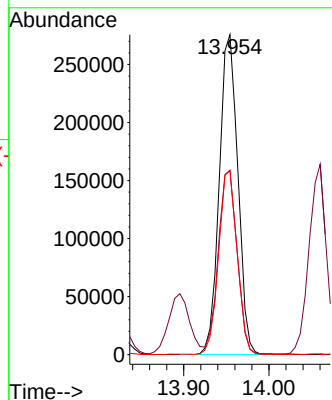
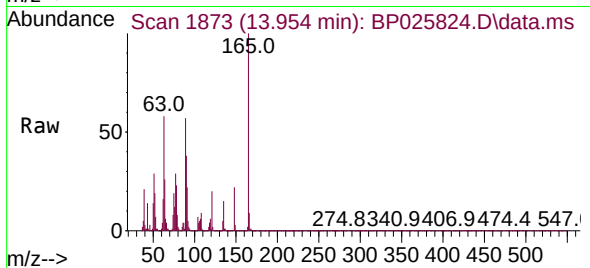




#51
2,6-Dinitrotoluene
Concen: 40.252 ng
RT: 13.954 min Scan# 1873
Delta R.T. -0.000 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

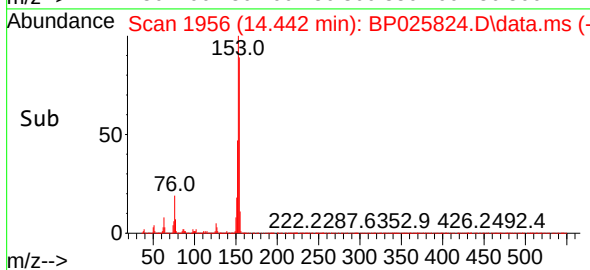
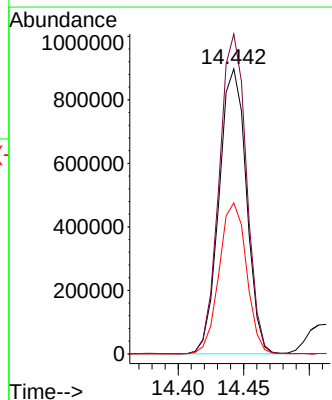
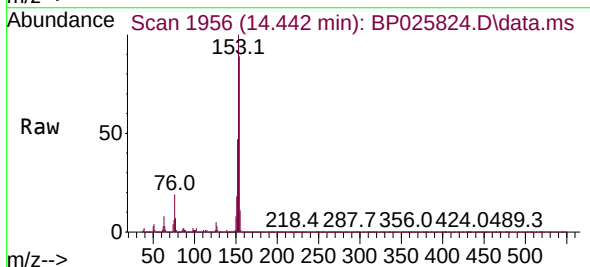
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

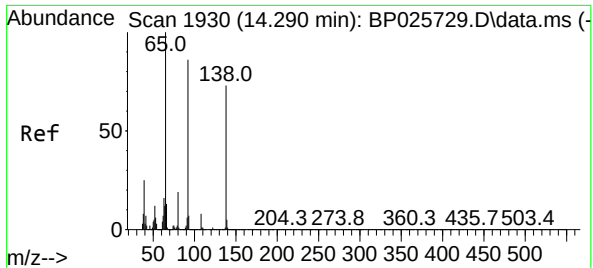
Tgt Ion:165 Resp: 416994
Ion Ratio Lower Upper
165 100
63 57.6 48.1 72.1
89 57.5 45.4 68.0



#52
Acenaphthene
Concen: 36.800 ng
RT: 14.442 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:154 Resp: 1301580
Ion Ratio Lower Upper
154 100
153 112.3 89.4 134.0
152 52.9 42.5 63.7

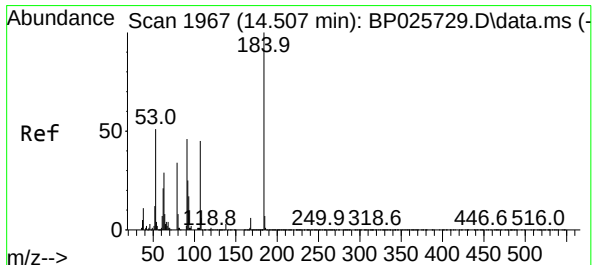
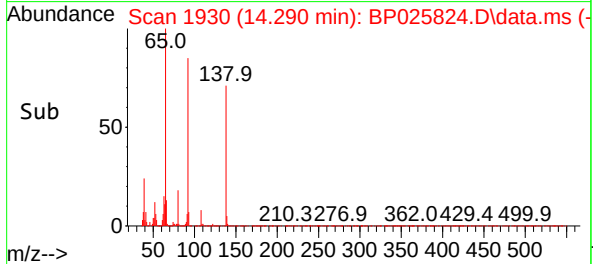
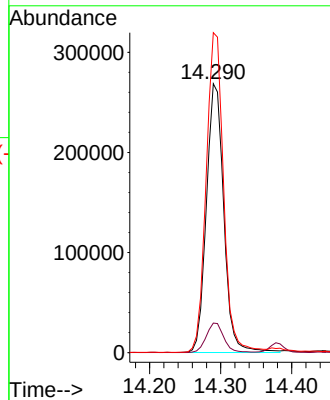
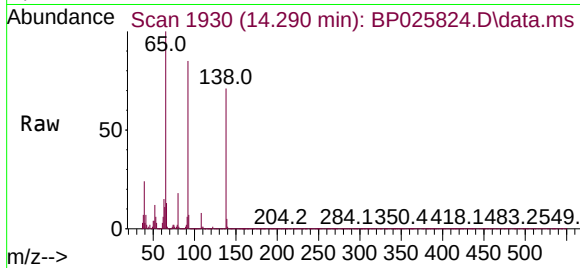




#53
3-Nitroaniline
Concen: 41.995 ng
RT: 14.290 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

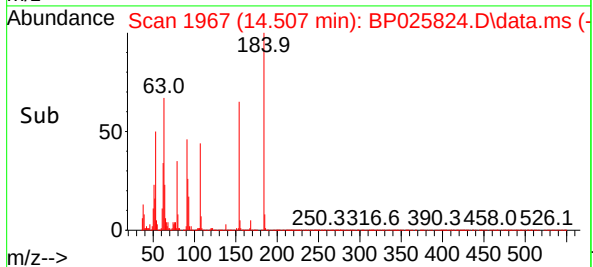
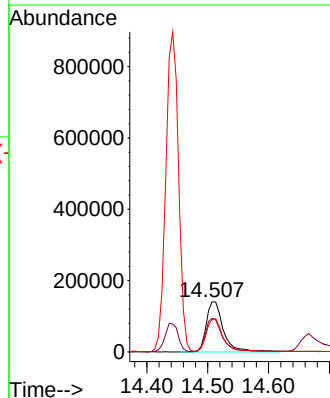
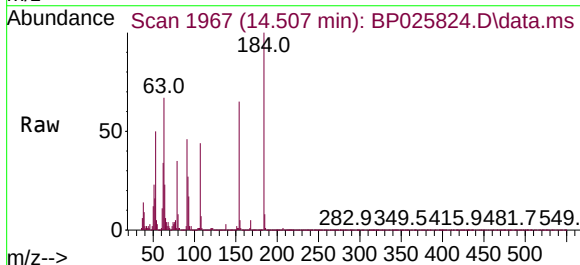
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

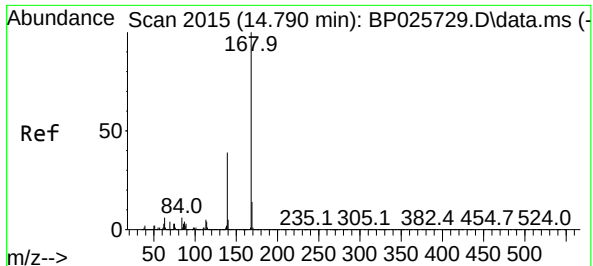
Tgt Ion:138 Resp: 457492
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 119.0 94.6 142.0



#54
2,4-Dinitrophenol
Concen: 42.899 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:184 Resp: 272913
Ion Ratio Lower Upper
184 100
63 67.3 52.5 78.7
154 64.7 51.5 77.3

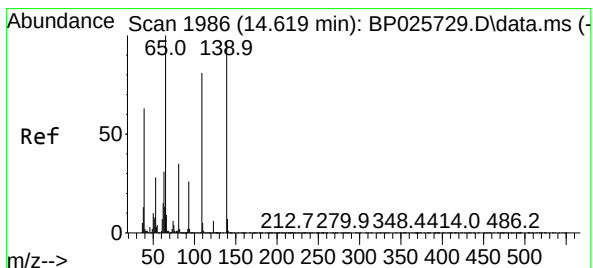
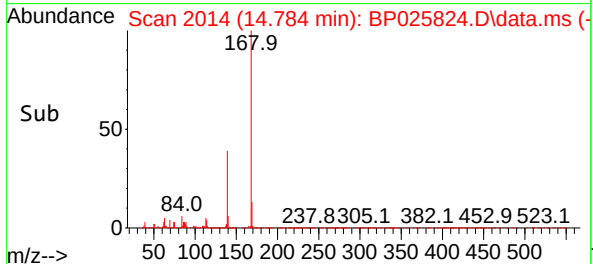
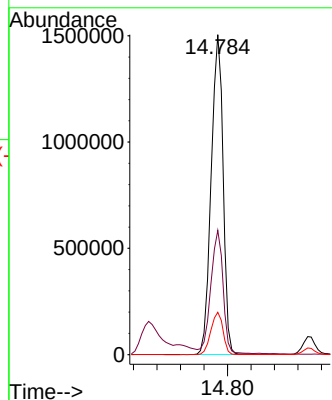
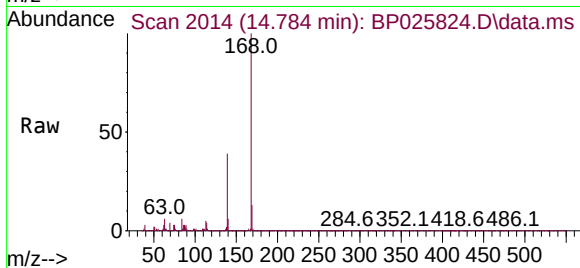




#55
Dibenzenofuran
Concen: 36.734 ng
RT: 14.784 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

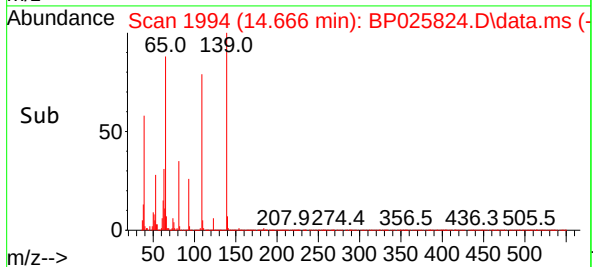
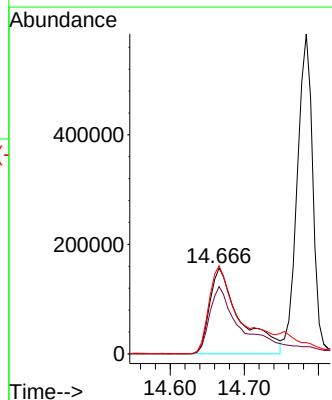
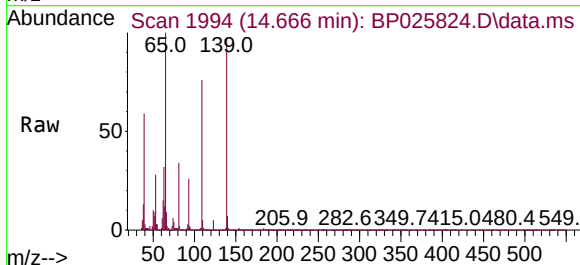
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

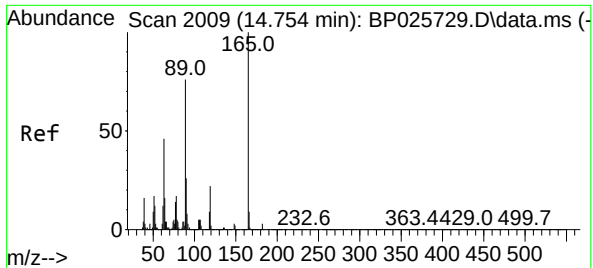
Tgt Ion:168 Resp: 2117510
Ion Ratio Lower Upper
168 100
139 38.8 31.7 47.5
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 50.134 ng
RT: 14.666 min Scan# 1994
Delta R.T. 0.047 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:139 Resp: 453699
Ion Ratio Lower Upper
139 100
109 78.4 62.9 102.9
65 102.7 83.4 123.4

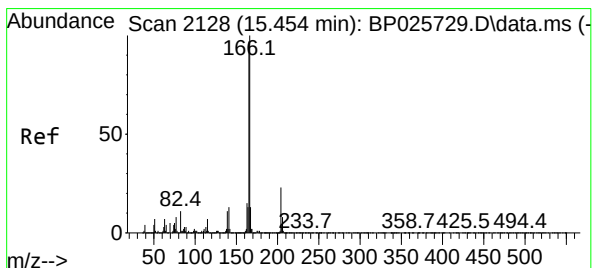
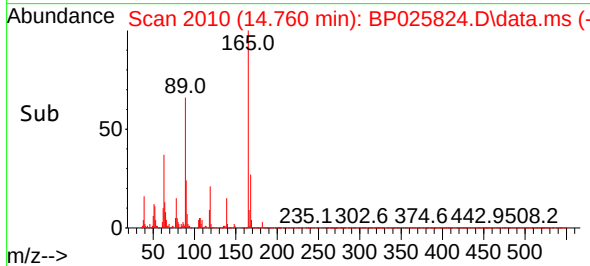
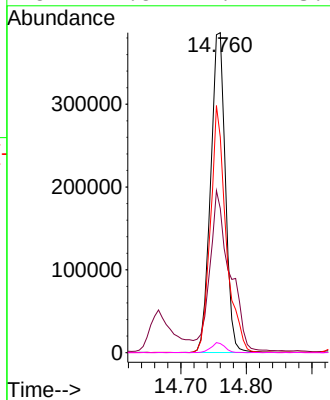
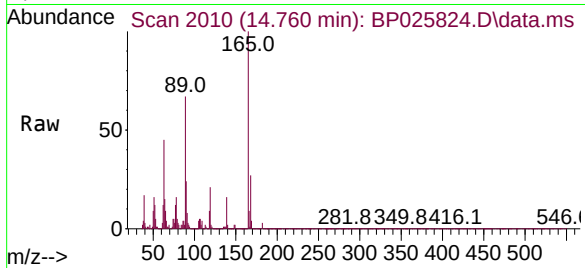




#57
2,4-Dinitrotoluene
Concen: 41.052 ng
RT: 14.760 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

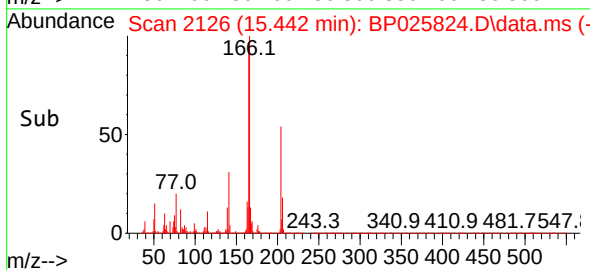
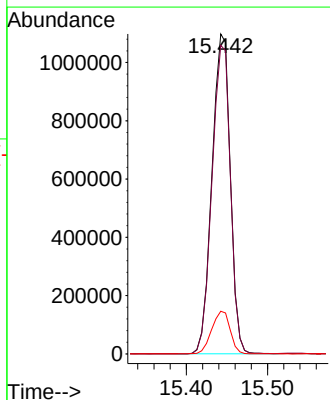
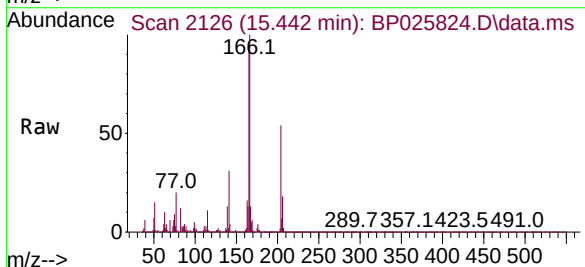
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

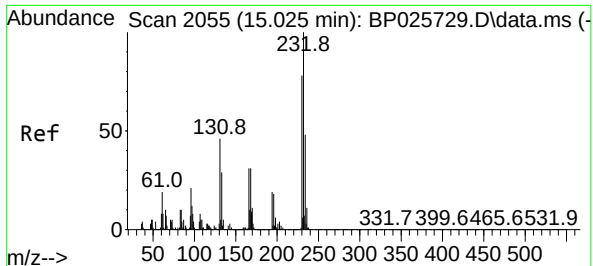
Tgt Ion:165 Resp: 605241
Ion Ratio Lower Upper
165 100
63 45.0 37.7 56.5
89 67.3 61.0 91.6
182 2.8 2.4 3.6



#58
Fluorene
Concen: 37.577 ng
RT: 15.442 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:166 Resp: 1722462
Ion Ratio Lower Upper
166 100
165 96.4 77.7 116.5
167 13.3 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.321 ng

RT: 15.025 min Scan# 2055

Delta R.T. -0.000 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 515744

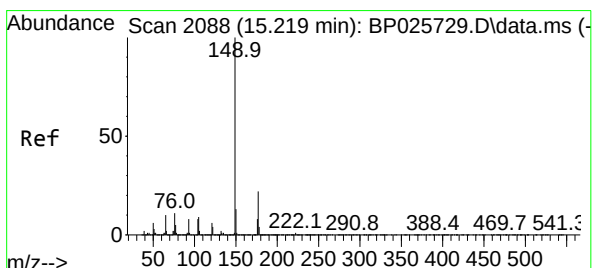
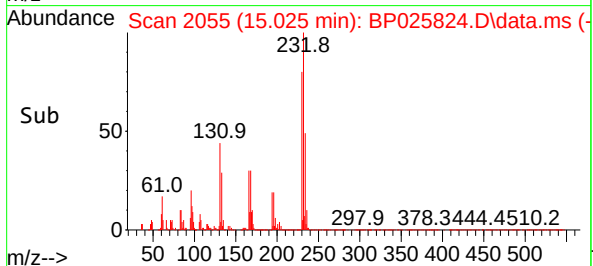
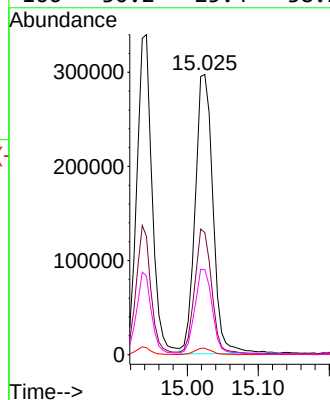
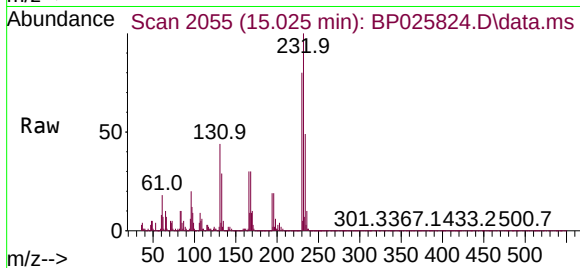
Ion Ratio Lower Upper

232 100

131 44.0 36.7 55.1

130 2.3 2.0 3.0

166 30.2 25.4 38.2



#60

Diethylphthalate

Concen: 39.246 ng

RT: 15.207 min Scan# 2086

Delta R.T. -0.012 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

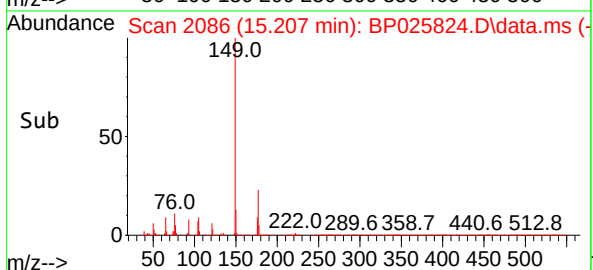
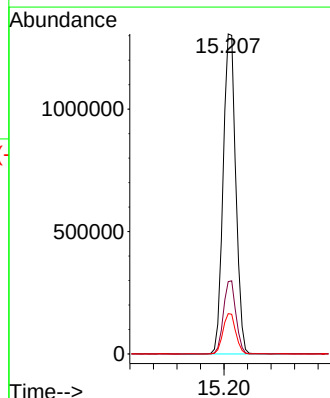
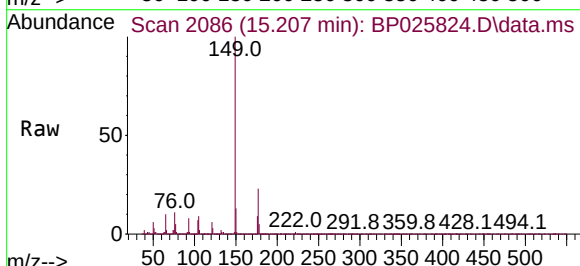
Tgt Ion:149 Resp: 1946579

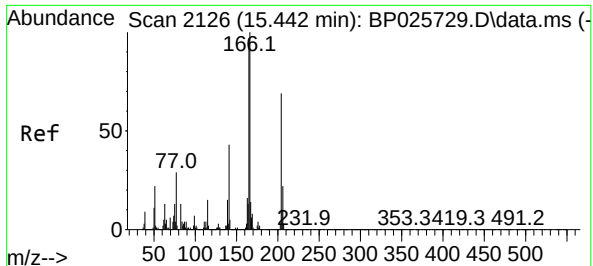
Ion Ratio Lower Upper

149 100

177 22.6 17.7 26.5

150 12.6 10.0 15.0

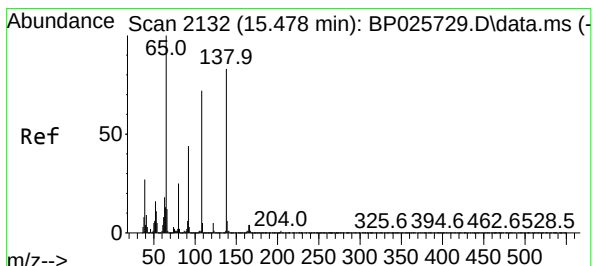
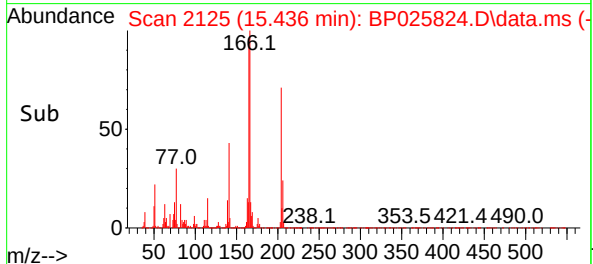
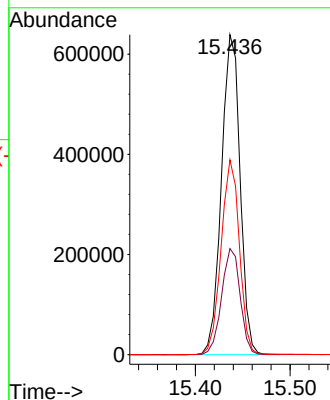
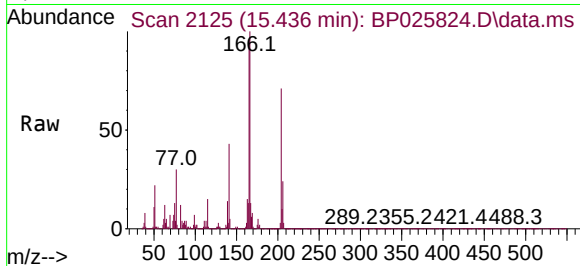




#61
4-Chlorophenyl-phenylether
Concen: 37.740 ng
RT: 15.436 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

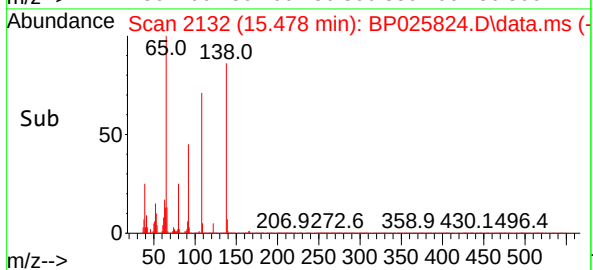
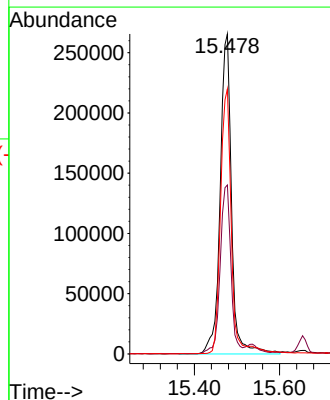
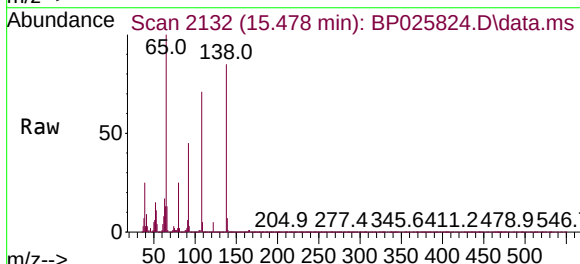
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

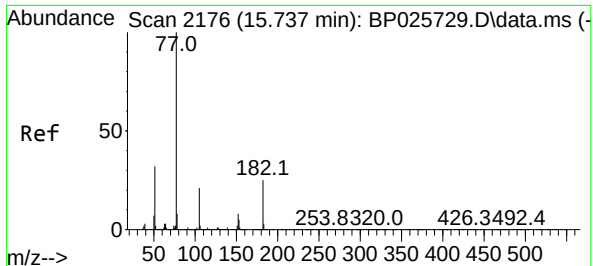
Tgt Ion:204 Resp: 871831
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 60.9 49.7 74.5



#62
4-Nitroaniline
Concen: 44.052 ng
RT: 15.478 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:138 Resp: 491635
Ion Ratio Lower Upper
138 100
92 52.8 33.3 73.3
108 82.8 66.7 106.7

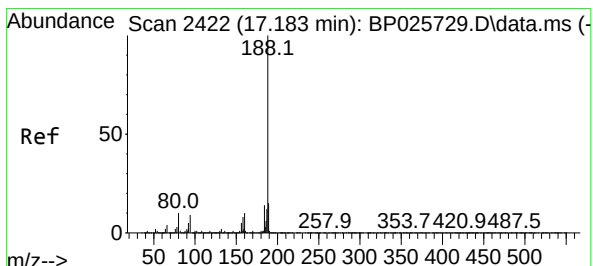
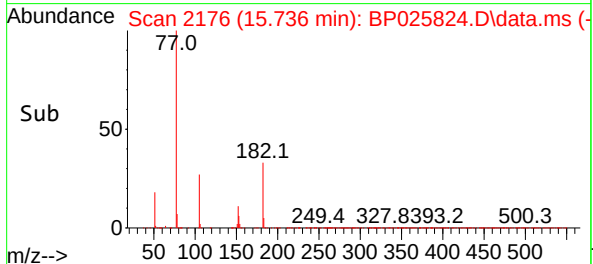
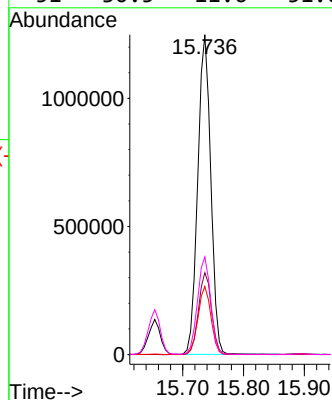
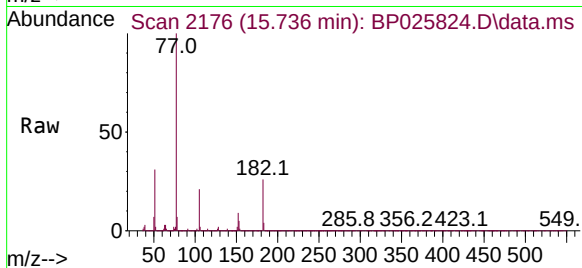




#63
Azobenzene
Concen: 38.641 ng
RT: 15.736 min Scan# 2176
Delta R.T. -0.000 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

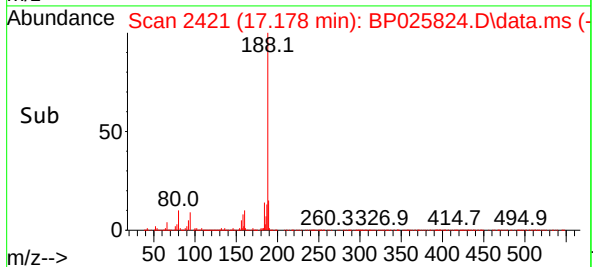
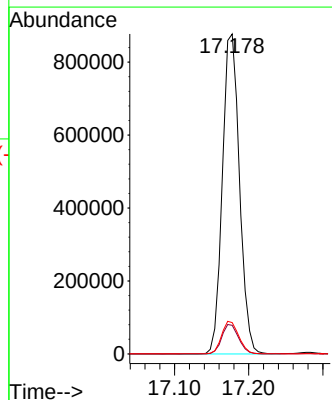
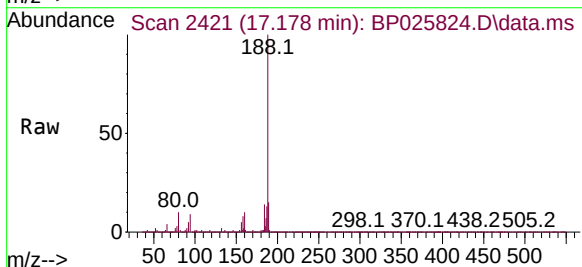
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

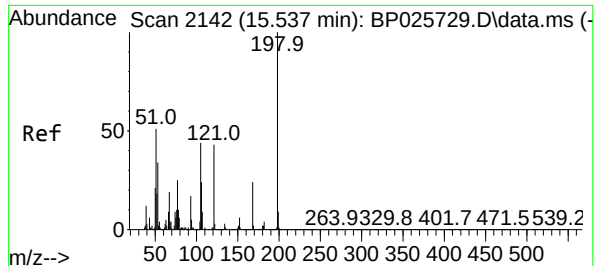
Tgt Ion: 77 Resp: 1853147
Ion Ratio Lower Upper
77 100
182 25.6 5.2 45.2
105 21.3 1.1 41.1
51 30.5 11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:188 Resp: 1402357
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.0
80 9.8 7.7 11.5

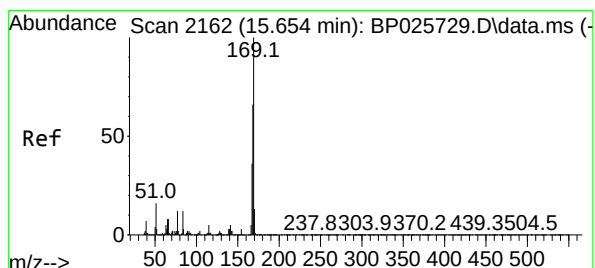
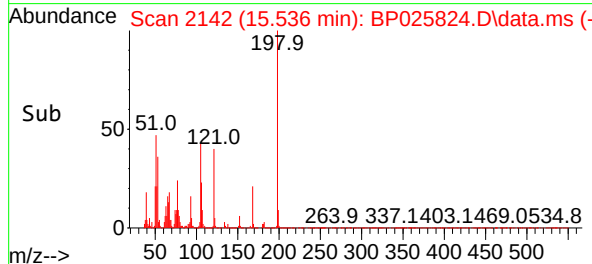
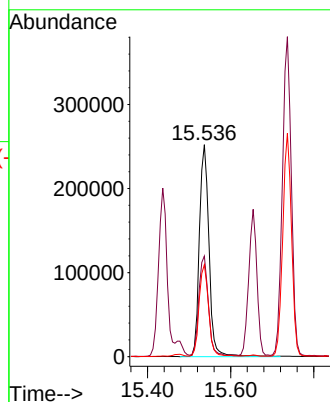
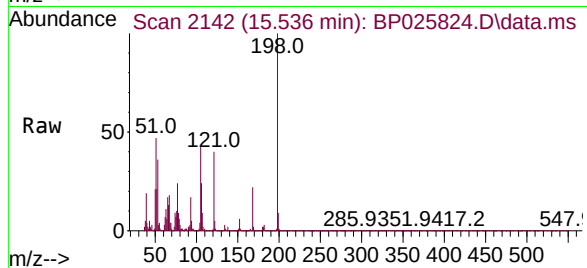




#65
4,6-Dinitro-2-methylphenol
Concen: 43.387 ng
RT: 15.536 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

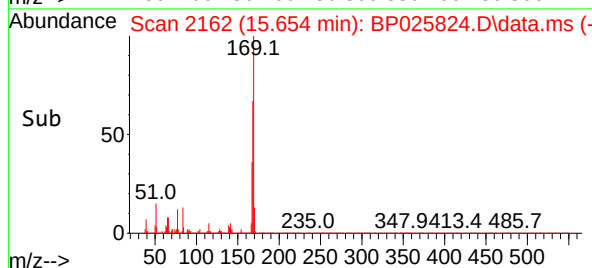
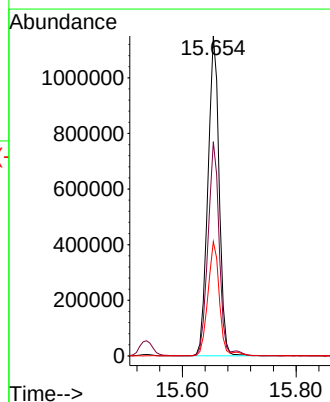
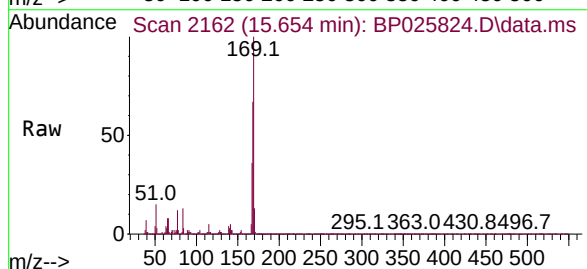
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

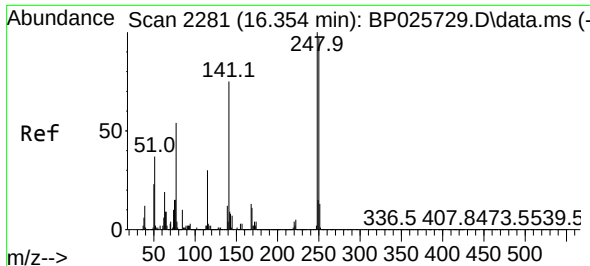
Tgt Ion:198 Resp: 404632
Ion Ratio Lower Upper
198 100
51 47.5 33.4 73.4
105 43.4 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 36.952 ng
RT: 15.654 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:169 Resp: 1585806
Ion Ratio Lower Upper
169 100
168 66.9 52.6 78.8
167 35.7 28.5 42.7

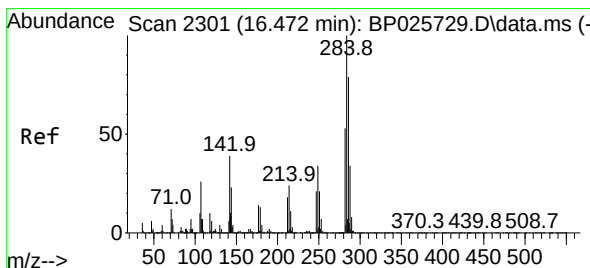
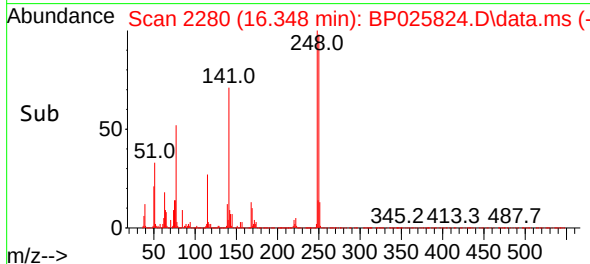
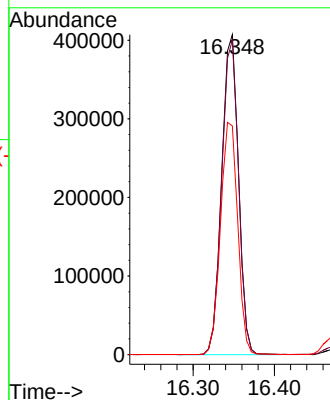
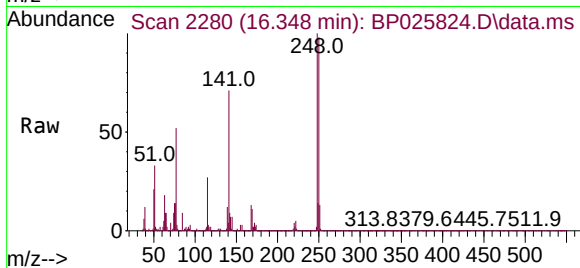




#67
4-Bromophenyl-phenylether
Concen: 37.943 ng
RT: 16.348 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

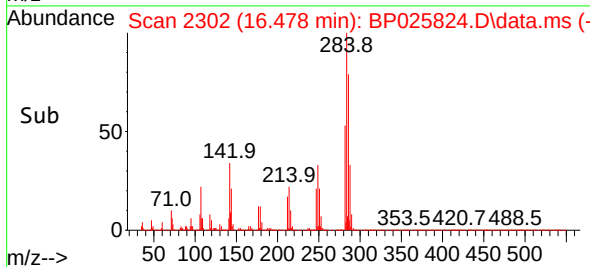
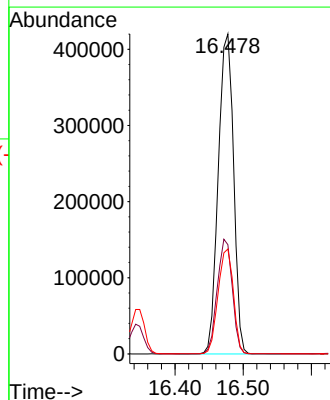
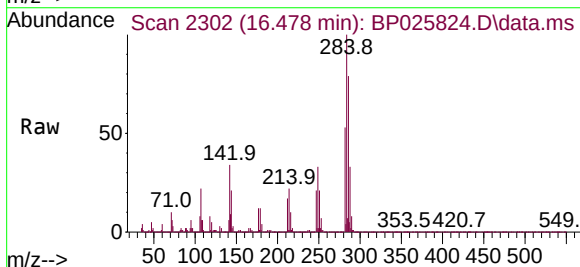
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

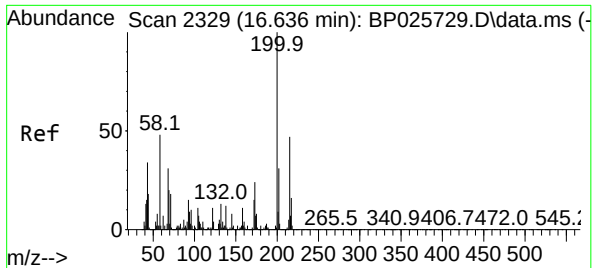
Tgt Ion:248 Resp: 584559
Ion Ratio Lower Upper
248 100
250 98.3 77.5 116.3
141 71.5 60.2 90.4



#68
Hexachlorobenzene
Concen: 37.896 ng
RT: 16.478 min Scan# 2302
Delta R.T. 0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:284 Resp: 651073
Ion Ratio Lower Upper
284 100
142 34.1 31.3 46.9
249 32.8 27.3 40.9

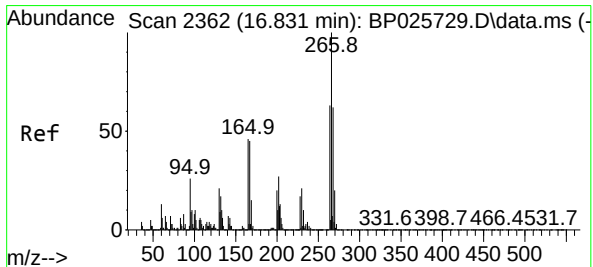
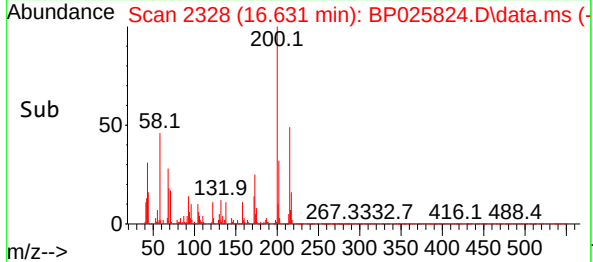
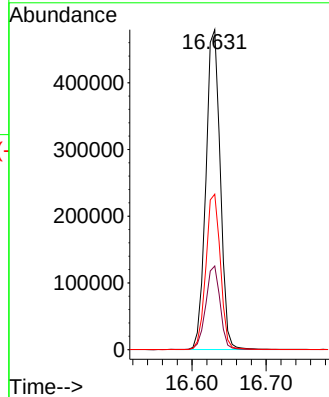
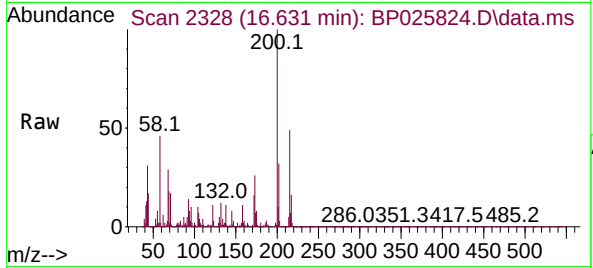




#69
Atrazine
Concen: 39.320 ng
RT: 16.631 min Scan# 2328
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

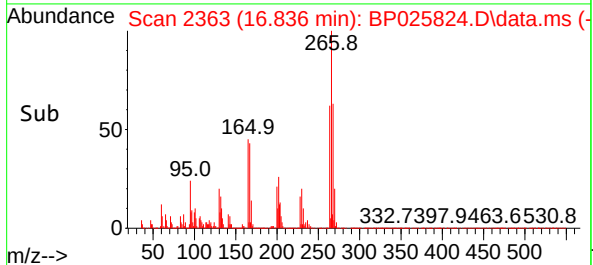
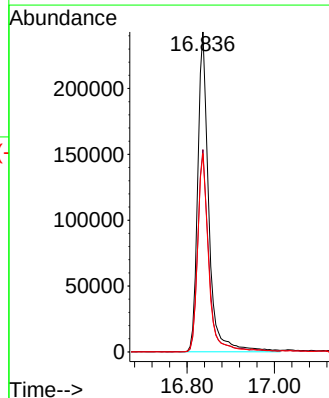
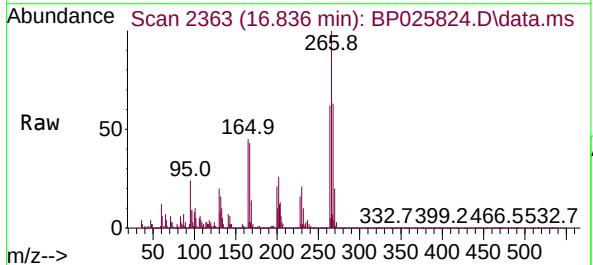
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

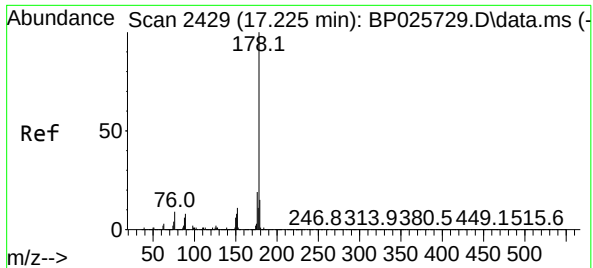
Tgt Ion:200 Resp: 645026
Ion Ratio Lower Upper
200 100
173 26.1 4.2 44.2
215 48.6 27.3 67.3



#70
Pentachlorophenol
Concen: 37.435 ng
RT: 16.836 min Scan# 2363
Delta R.T. 0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:266 Resp: 424480
Ion Ratio Lower Upper
266 100
268 63.2 49.8 74.8
264 62.0 50.2 75.2

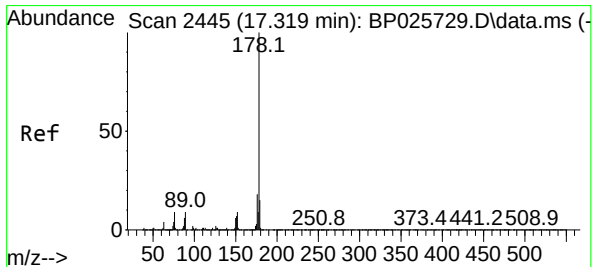
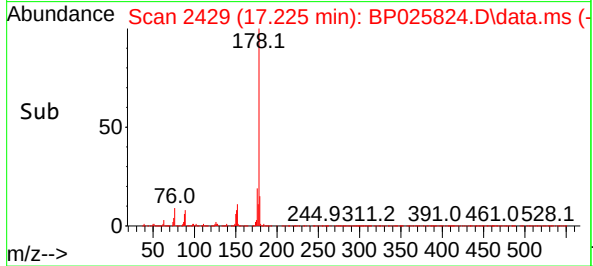
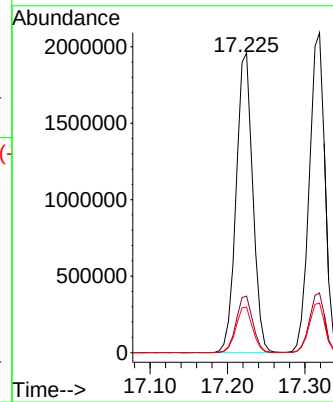
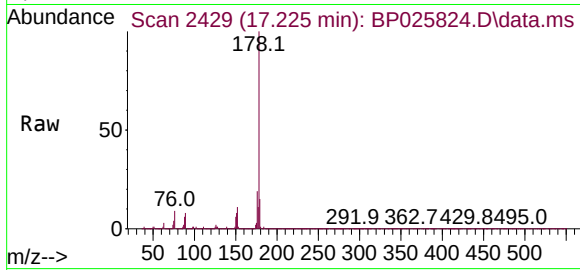




#71
Phenanthrene
Concen: 36.676 ng
RT: 17.225 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

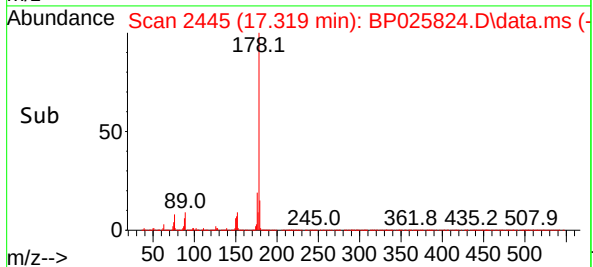
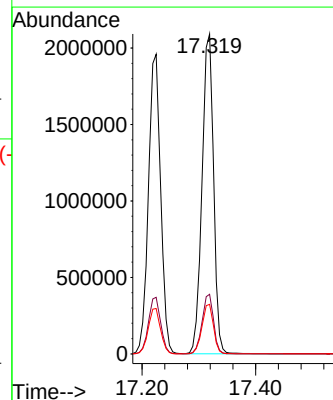
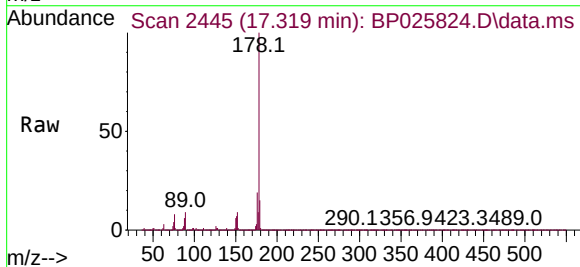
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

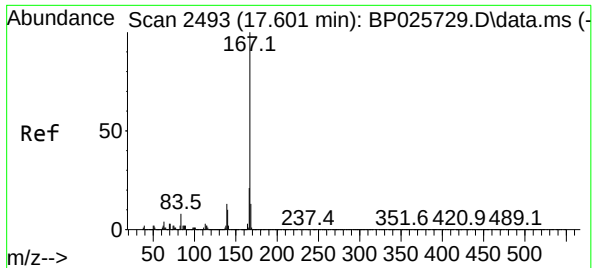
Tgt Ion:178 Resp: 2917571
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.1 12.2 18.4



#72
Anthracene
Concen: 36.387 ng
RT: 17.319 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:178 Resp: 2936929
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.5 12.2 18.4

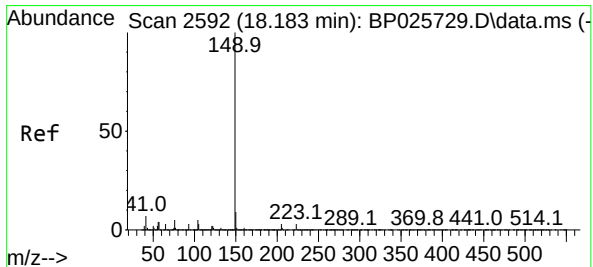
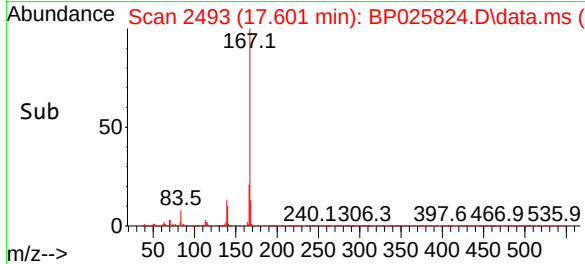
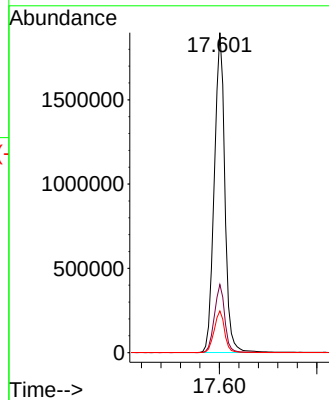
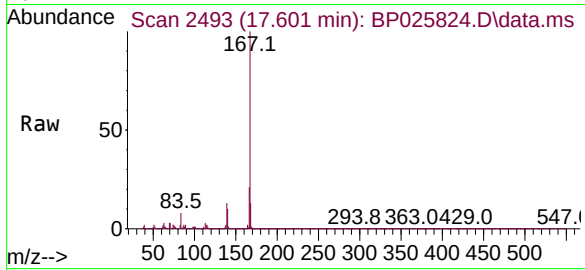




#73
Carbazole
Concen: 38.183 ng
RT: 17.601 min Scan# 2493
Delta R.T. -0.000 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

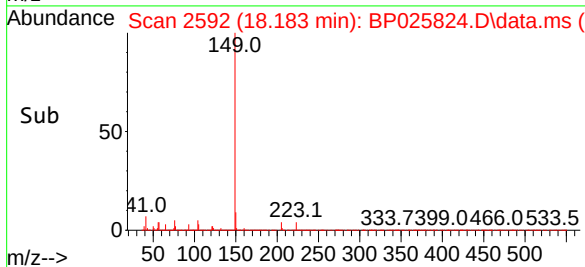
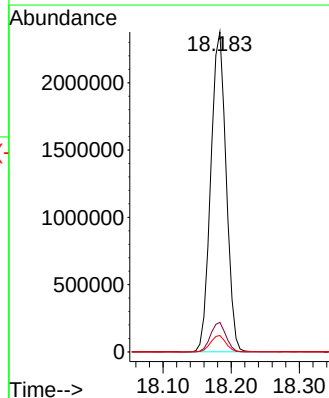
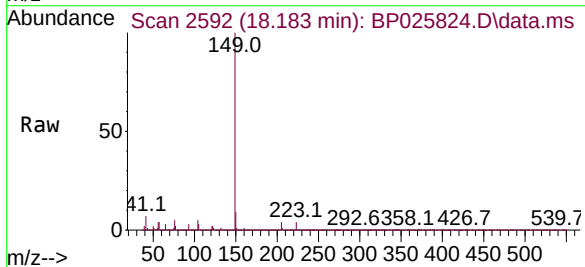
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

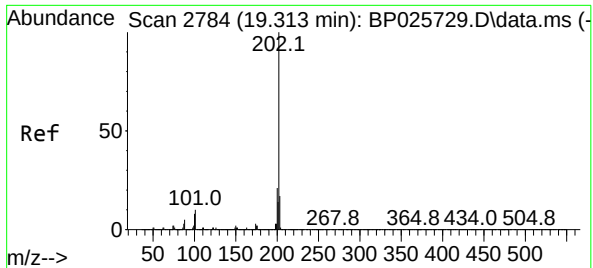
Tgt Ion:167 Resp: 2865218
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.4
139 13.0 10.6 16.0



#74
Di-n-butylphthalate
Concen: 40.416 ng
RT: 18.183 min Scan# 2592
Delta R.T. -0.000 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:149 Resp: 3721772
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.1 4.3 6.5

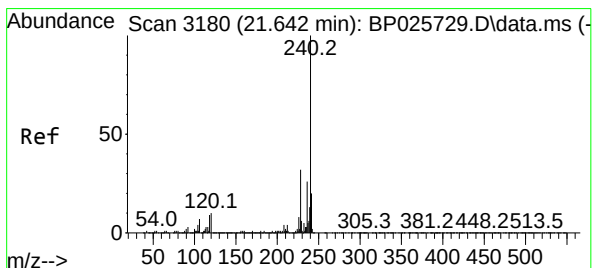
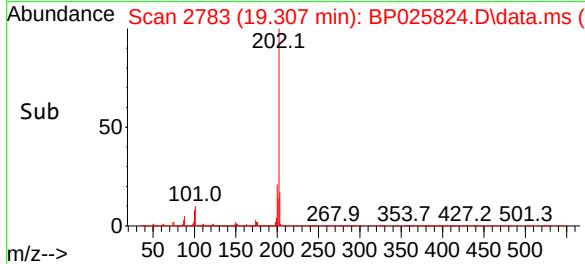
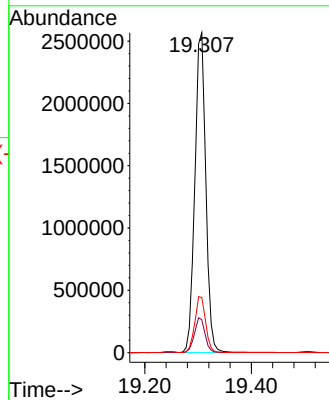
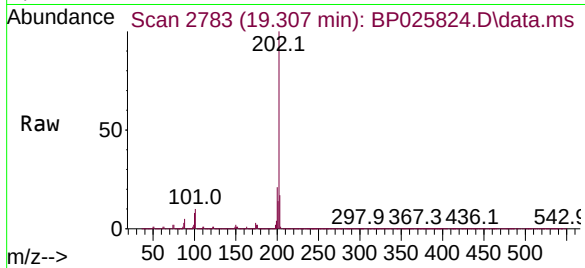




#75
Fluoranthene
Concen: 38.336 ng
RT: 19.307 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

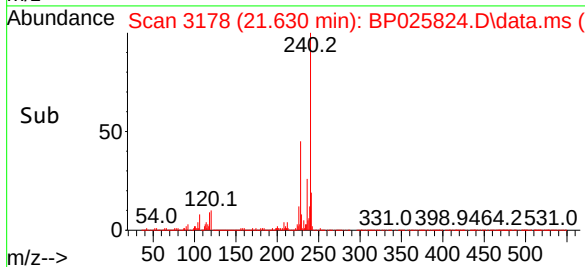
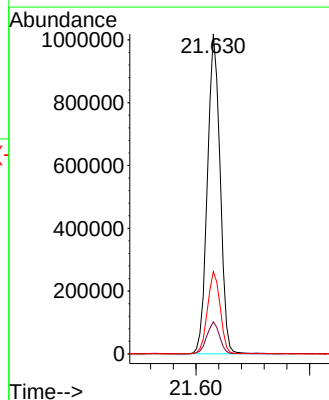
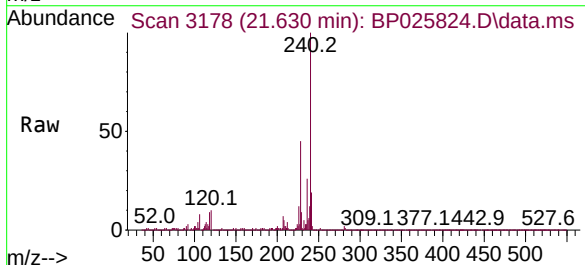
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

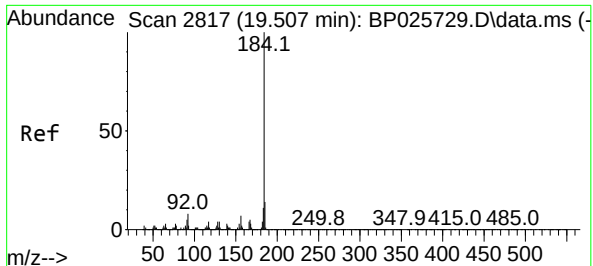
Tgt Ion:202 Resp: 3657440
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.4
203 17.2 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.012 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:240 Resp: 1584555
Ion Ratio Lower Upper
240 100
120 10.0 8.0 12.0
236 25.7 20.7 31.1

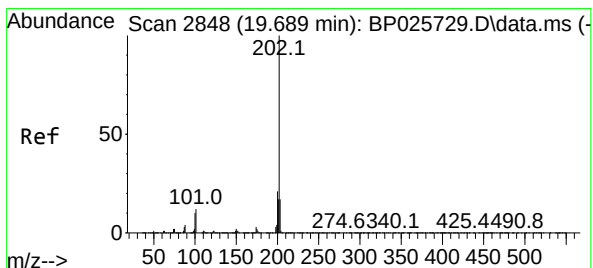
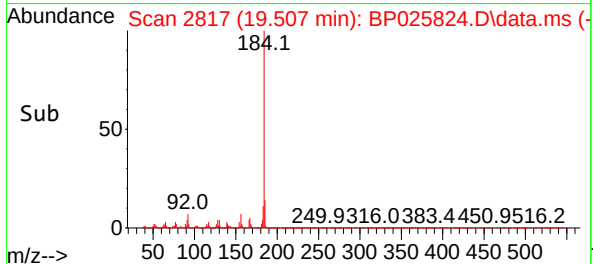
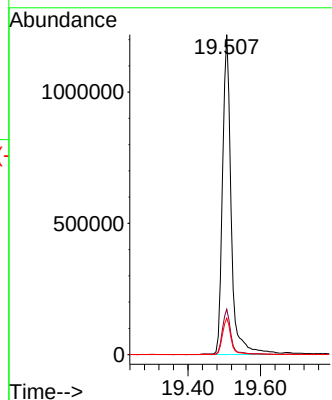
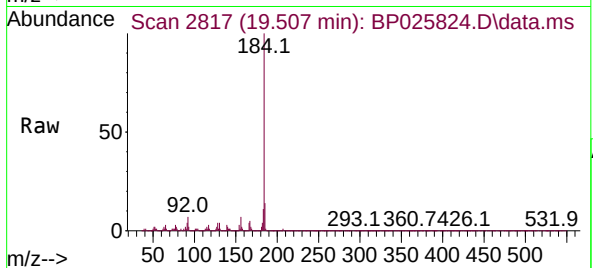




#77
Benzidine
Concen: 44.326 ng
RT: 19.507 min Scan# 2817
Delta R.T. -0.000 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

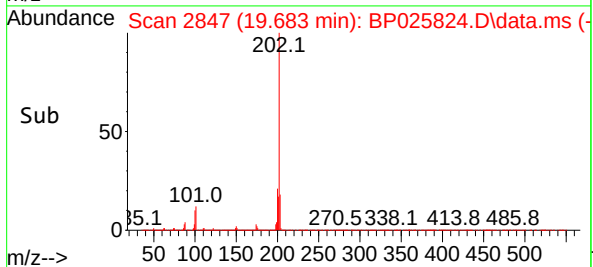
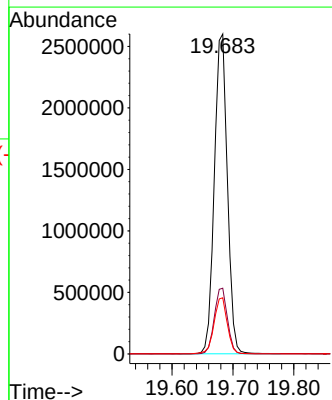
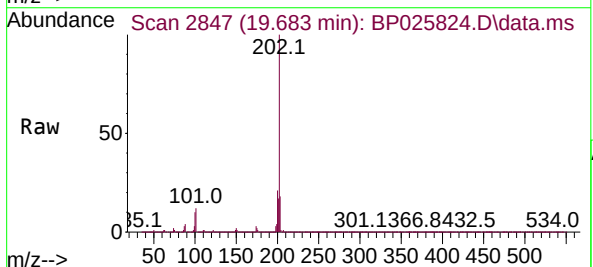
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

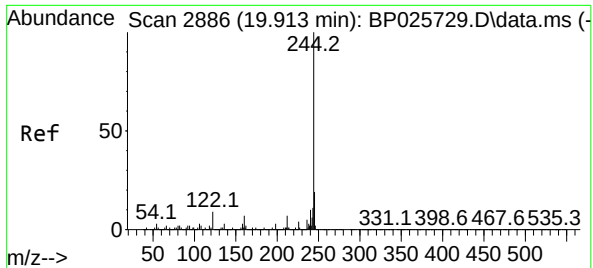
Tgt Ion:184 Resp: 2023181
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.4 9.2 13.8



#78
Pyrene
Concen: 36.596 ng
RT: 19.683 min Scan# 2847
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:202 Resp: 3869246
Ion Ratio Lower Upper
202 100
200 20.5 17.0 25.6
203 17.5 13.9 20.9

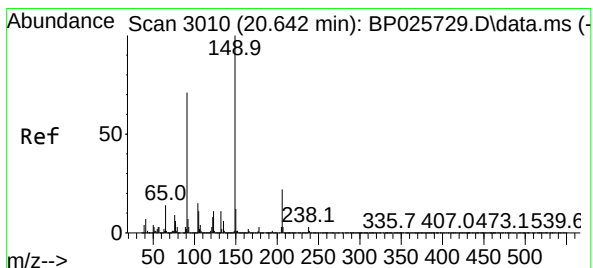
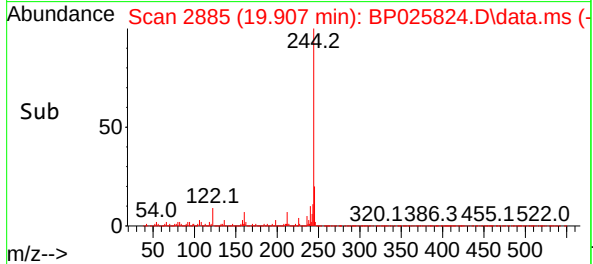
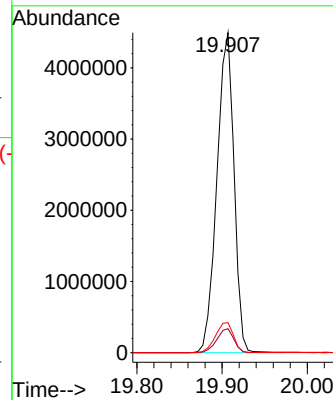
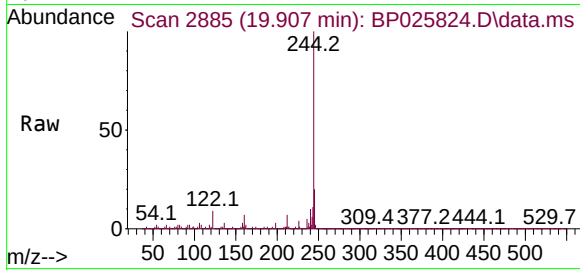




#79
Terphenyl-d14
Concen: 71.090 ng
RT: 19.907 min Scan# 2886
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

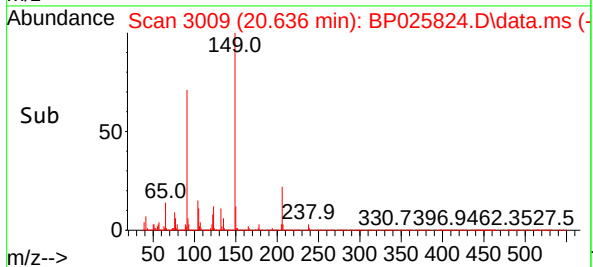
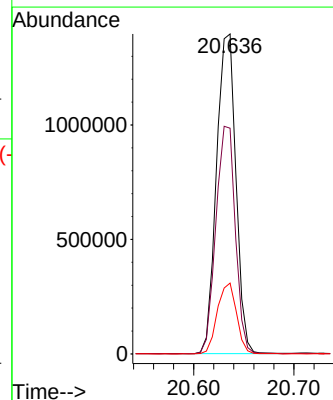
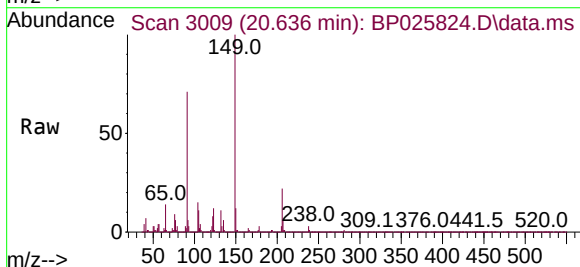
Instrument :
BNA_P
ClientSampleId :
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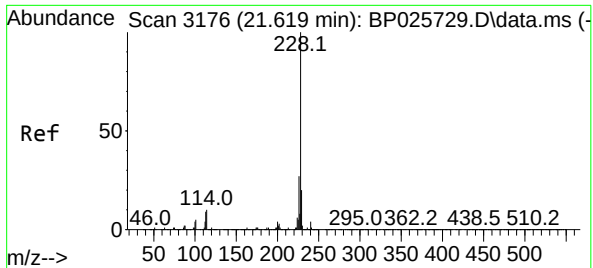
Tgt Ion:244 Resp: 6261661
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 9.4 7.1 10.7



#80
Butylbenzylphthalate
Concen: 40.653 ng
RT: 20.636 min Scan# 3009
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:149 Resp: 1884621
Ion Ratio Lower Upper
149 100
91 70.5 56.6 85.0
206 22.2 17.4 26.0

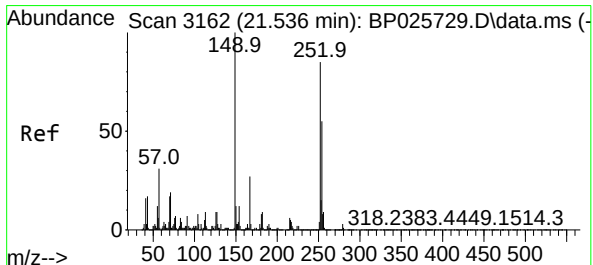
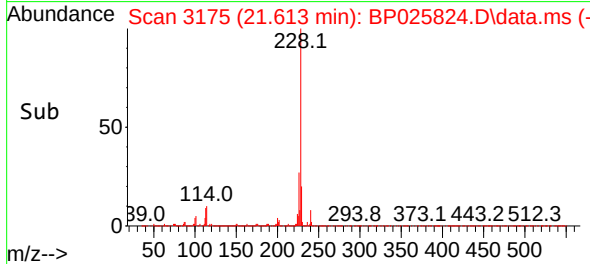
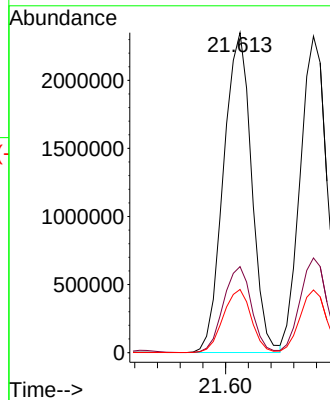
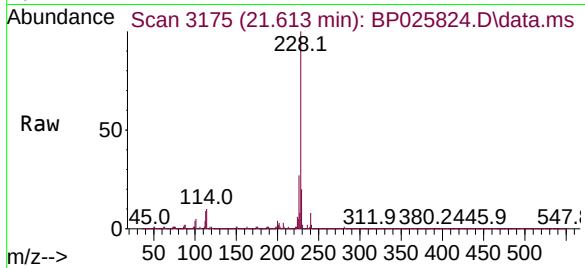




#81
Benzo(a)anthracene
Concen: 37.160 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

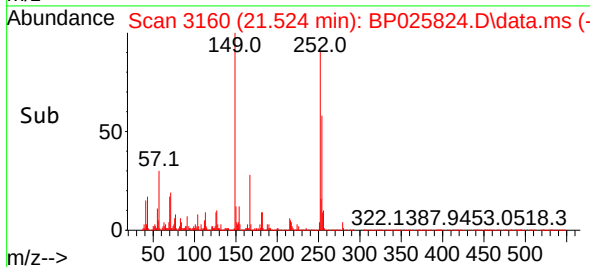
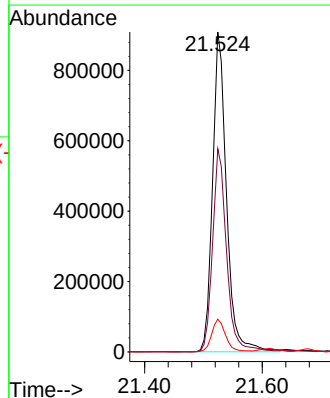
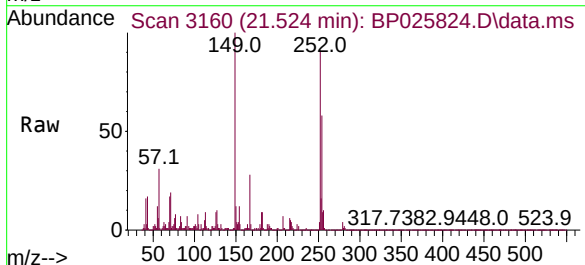
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

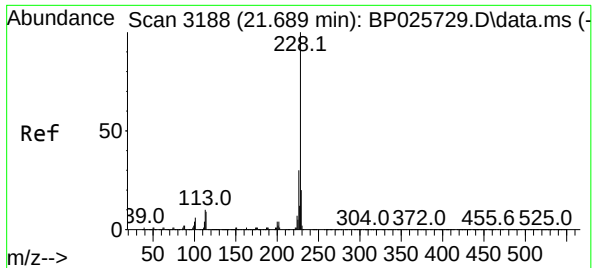
Tgt Ion:228 Resp: 4031152
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 19.7 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 39.775 ng
RT: 21.524 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:252 Resp: 1491956
Ion Ratio Lower Upper
252 100
254 63.5 51.4 77.0
126 10.2 8.3 12.5

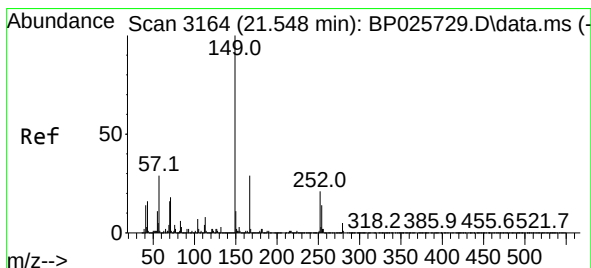
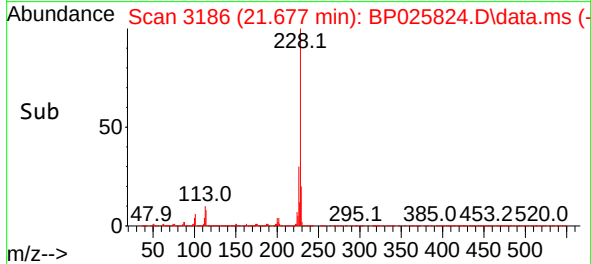
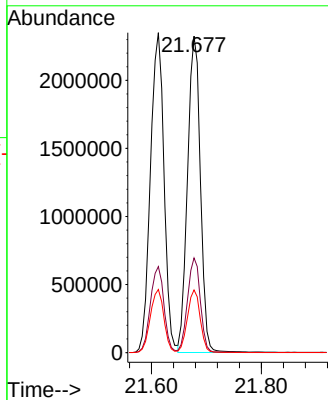
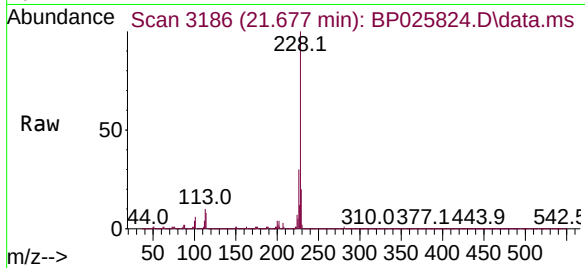




#83
Chrysene
Concen: 36.517 ng
RT: 21.677 min Scan# 3186
Delta R.T. -0.012 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

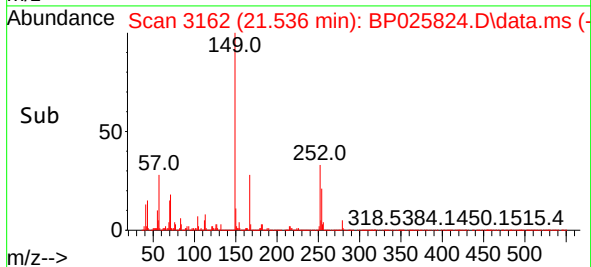
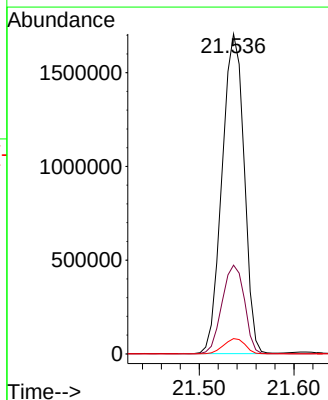
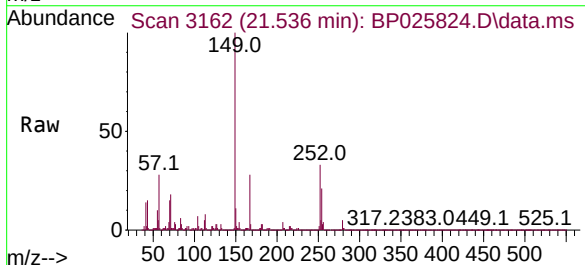
Instrument :
BNA_P
ClientSampleId :
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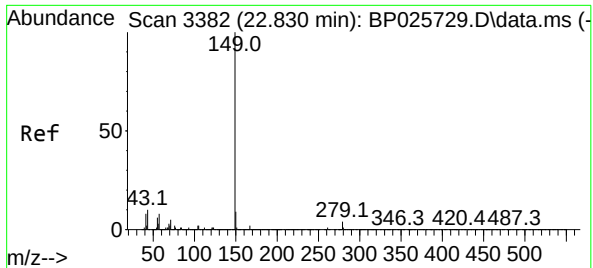
Tgt Ion:228 Resp: 3776225
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.6
229 19.8 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.698 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.012 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:149 Resp: 2760305
Ion Ratio Lower Upper
149 100
167 27.7 22.9 34.3
279 4.8 3.8 5.8

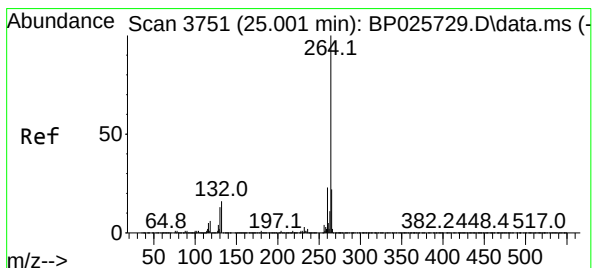
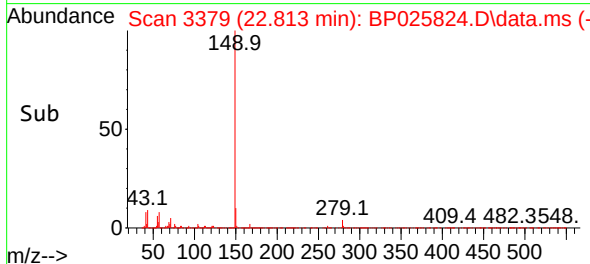
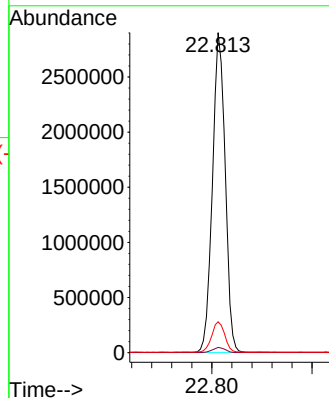
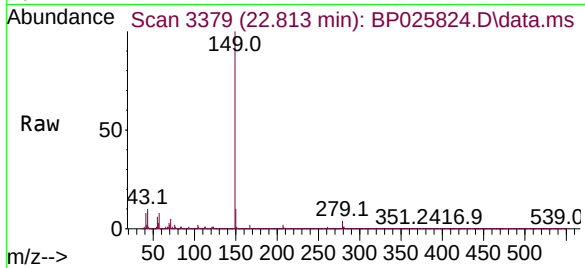




#85
Di-n-octyl phthalate
Concen: 42.360 ng
RT: 22.813 min Scan# 3382
Delta R.T. -0.018 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

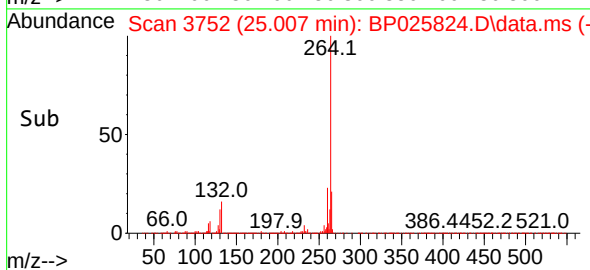
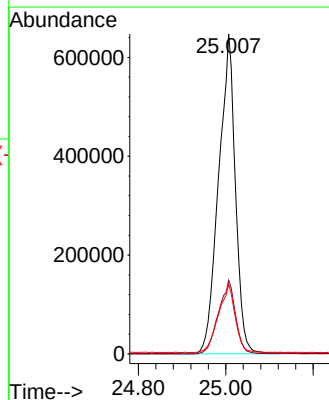
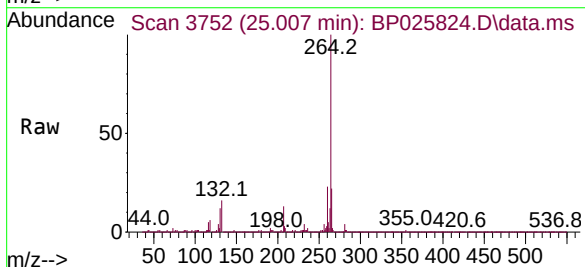
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

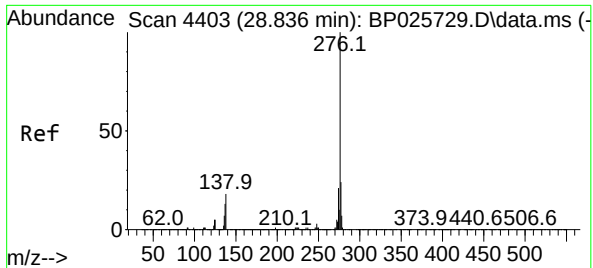
Tgt Ion:149 Resp: 5110532
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.007 min Scan# 3752
Delta R.T. 0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:264 Resp: 1726843
Ion Ratio Lower Upper
264 100
260 23.1 18.3 27.5
265 21.8 17.3 25.9

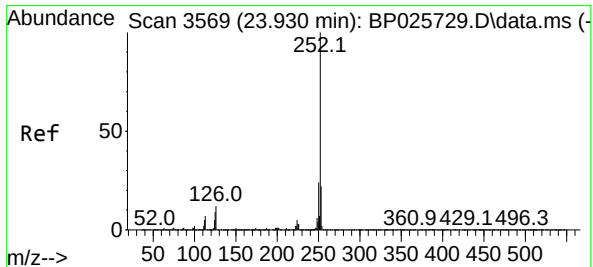
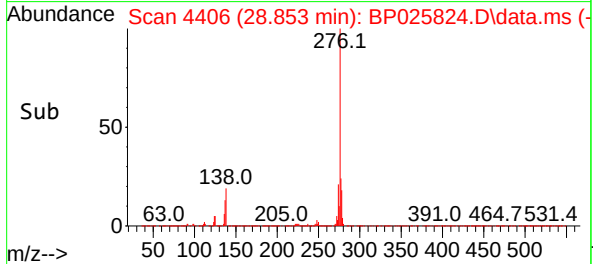
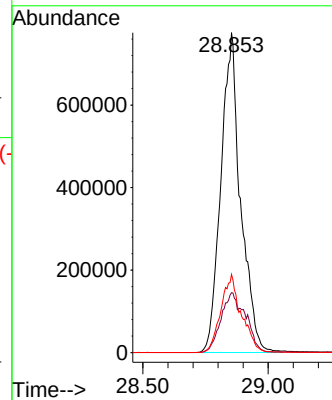
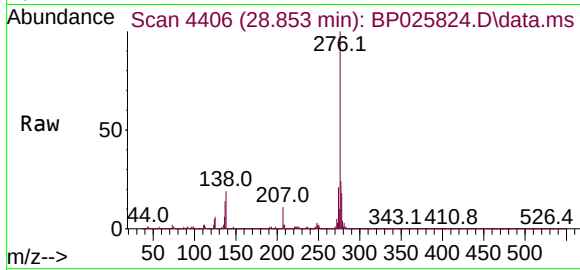




#87
Indeno(1,2,3-cd)pyrene
Concen: 33.711 ng
RT: 28.853 min Scan# 4403
Delta R.T. 0.018 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

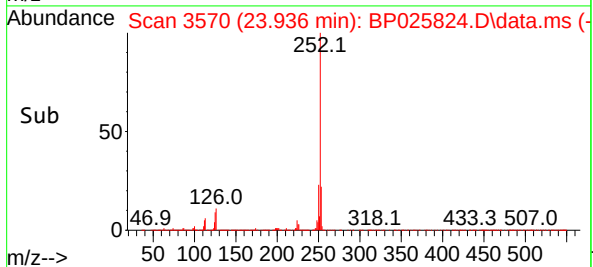
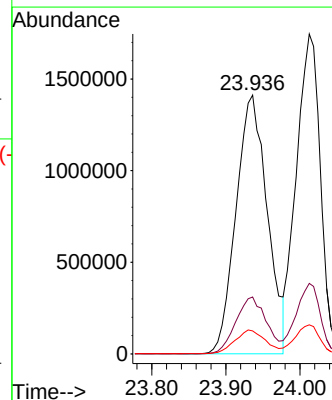
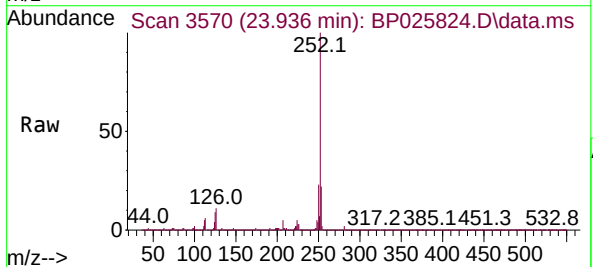
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

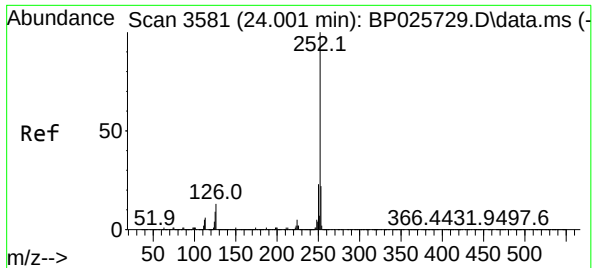
Tgt Ion:276 Resp: 4233442
Ion Ratio Lower Upper
276 100
138 23.2 13.4 20.2#
277 25.3 9.1 13.7#



#88
Benzo(b)fluoranthene
Concen: 39.172 ng
RT: 23.936 min Scan# 3570
Delta R.T. 0.006 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:252 Resp: 4136561
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 8.9 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 36.727 ng

RT: 24.013 min Scan# 3581

Delta R.T. 0.012 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

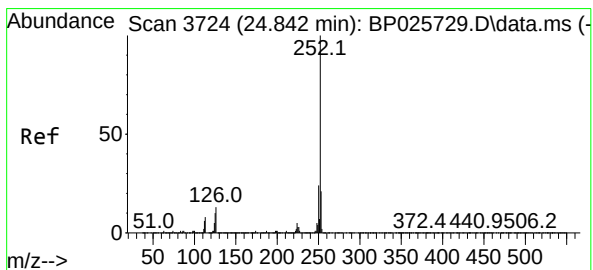
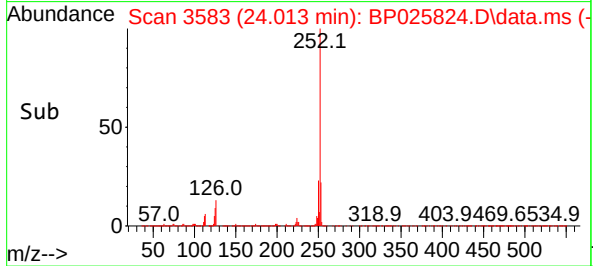
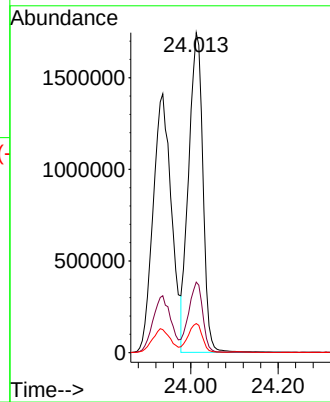
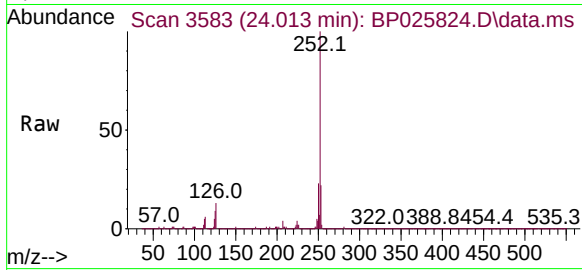
Tgt Ion:252 Resp: 3957661

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.1 7.5 11.3



#90

Benzo(a)pyrene

Concen: 37.315 ng

RT: 24.842 min Scan# 3724

Delta R.T. -0.000 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

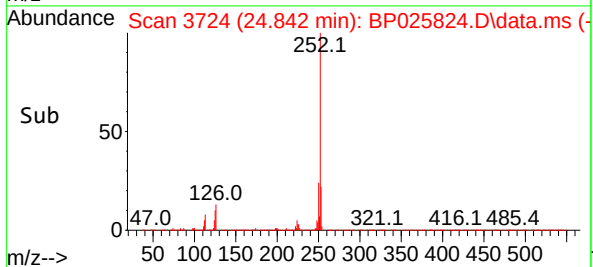
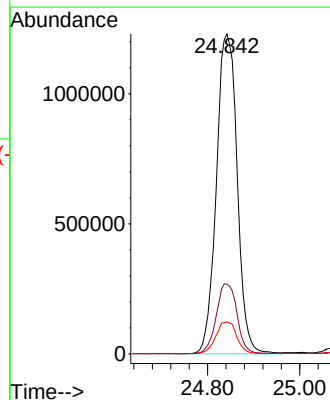
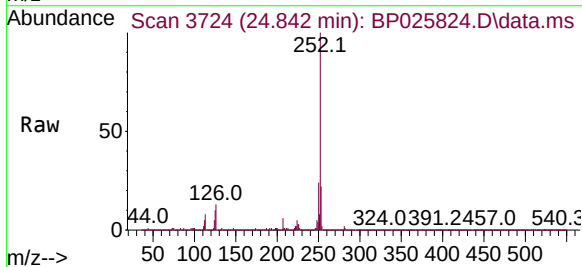
Tgt Ion:252 Resp: 3858917

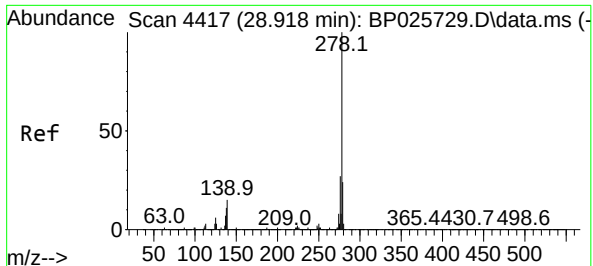
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 10.0 8.3 12.5

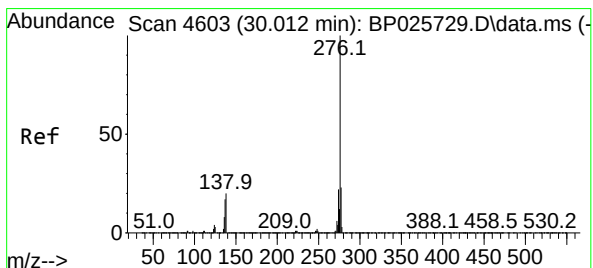
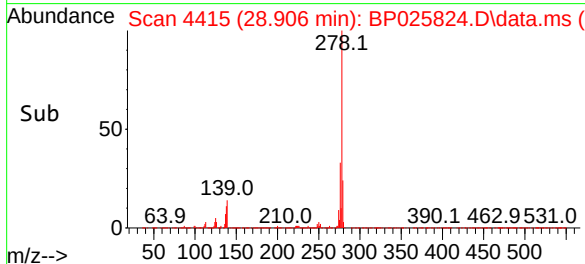
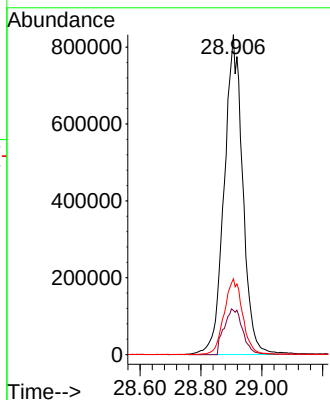
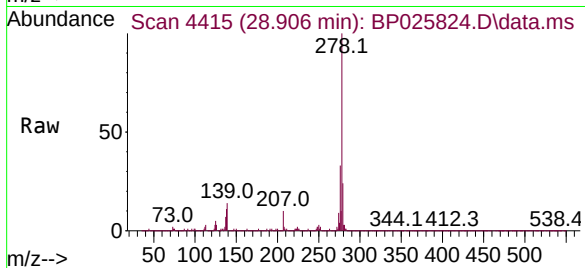




#91
Dibenzo(a,h)anthracene
Concen: 34.148 ng
RT: 28.906 min Scan# 4417
Delta R.T. -0.012 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

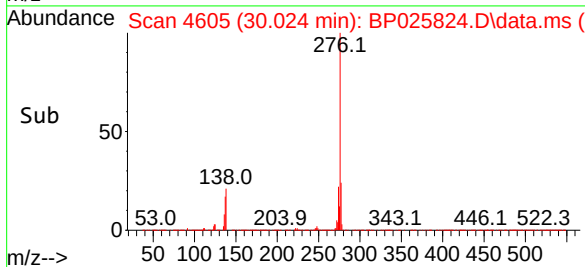
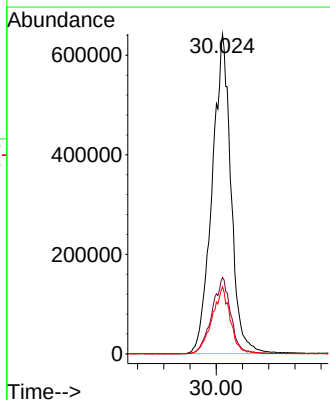
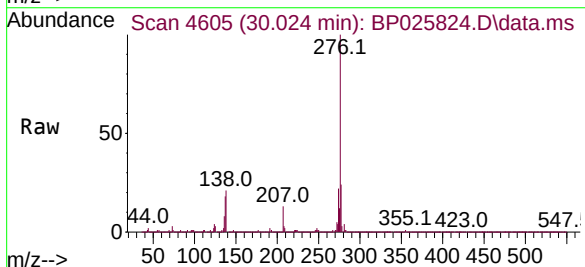
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 3509249
Ion Ratio Lower Upper
278 100
139 13.8 12.1 18.1
279 23.7 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 31.706 ng
RT: 30.024 min Scan# 4605
Delta R.T. 0.012 min
Lab File: BP025824.D
Acq: 23 Sep 2025 11:03

Tgt Ion:276 Resp: 3204332
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 21.0 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
 Data File : BP025824.D
 Acq On : 23 Sep 2025 11:03
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 23 11:40:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 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	152#	0.00
2	1,4-Dioxane	0.520	0.466	10.4	130	0.00
3	Pyridine	1.432	1.348	5.9	131	0.00
4	n-Nitrosodimethylamine	0.676	0.622	8.0	131	0.00
5 S	2-Fluorophenol	1.240	1.206	2.7	135	0.00
6	Aniline	2.262	2.189	3.2	133	0.00
7 S	Phenol-d6	1.648	1.633	0.9	133	0.00
8	2-Chlorophenol	1.360	1.331	2.1	134	0.00
9	Benzaldehyde	0.987	1.329	-34.7#	231#	0.00
10 C	Phenol	1.737	1.706	1.8	132	0.01
11	bis(2-Chloroethyl)ether	1.396	1.328	4.9	130	0.00
12	1,3-Dichlorobenzene	1.548	1.457	5.9	132	0.00
13 C	1,4-Dichlorobenzene	1.576	1.482	6.0	133	0.00
14	1,2-Dichlorobenzene	1.531	1.435	6.3	132	0.00
15	Benzyl Alcohol	1.361	1.303	4.3	131	0.00
16	2,2'-oxybis(1-Chloropropane	2.282	2.095	8.2	128	-0.01
17	2-Methylphenol	1.171	1.149	1.9	133	0.00
18	Hexachloroethane	0.602	0.565	6.1	133	-0.01
19 P	n-Nitroso-di-n-propylamine	1.149	1.124	2.2	130	0.00
20	3+4-Methylphenols	1.640	1.568	4.4	131	0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	149	0.00
22	Acetophenone	0.534	0.515	3.6	131	0.00
23 S	Nitrobenzene-d5	0.453	0.430	5.1	129	0.00
24	Nitrobenzene	0.407	0.386	5.2	128	0.00
25	Isophorone	0.797	0.768	3.6	133	0.00
26 C	2-Nitrophenol	0.181	0.188	-3.9	139	0.00
27	2,4-Dimethylphenol	0.317	0.312	1.6	131	0.00
28	bis(2-Chloroethoxy)methane	0.461	0.446	3.3	134	-0.01
29 C	2,4-Dichlorophenol	0.316	0.312	1.3	134	0.01
30	1,2,4-Trichlorobenzene	0.356	0.337	5.3	133	0.00
31	Naphthalene	1.078	1.001	7.1	130	0.00
32	Benzoic acid	0.236	0.237	-0.4	135	0.02
33	4-Chloroaniline	0.449	0.449	0.0	132	-0.01
34 C	Hexachlorobutadiene	0.229	0.215	6.1	133	0.00
35	Caprolactam	0.122	0.155	-27.0#	175#	0.02
36 C	4-Chloro-3-methylphenol	0.377	0.368	2.4	133	0.01
37	2-Methylnaphthalene	0.693	0.664	4.2	133	0.00
38	1-Methylnaphthalene	0.739	0.693	6.2	129	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	153#	0.00
40	1,2,4,5-Tetrachlorobenzene	0.606	0.580	4.3	135	0.00
41 P	Hexachlorocyclopentadiene	0.330	0.318	3.6	128	0.00
42 S	2,4,6-Tribromophenol	0.249	0.260	-4.4	144	-0.01
43 C	2,4,6-Trichlorophenol	0.398	0.398	0.0	137	0.00
44	2,4,5-Trichlorophenol	0.443	0.437	1.4	134	0.01
45 S	2-Fluorobiphenyl	1.502	1.396	7.1	134	0.00
46	1,1'-Biphenyl	1.468	1.383	5.8	133	0.00
47	2-Chloronaphthalene	1.156	1.081	6.5	133	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
 Data File : BP025824.D
 Acq On : 23 Sep 2025 11:03
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 23 11:40:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 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	0.385	0.383	0.5	134	0.00
49	Acenaphthylene	1.915	1.813	5.3	135	0.00
50	Dimethylphthalate	1.527	1.475	3.4	136	0.00
51	2,6-Dinitrotoluene	0.324	0.326	-0.6	139	0.00
52 C	Acenaphthene	1.104	1.016	8.0	130	-0.01
53	3-Nitroaniline	0.340	0.357	-5.0	139	0.00
54 P	2,4-Dinitrophenol	0.183	0.213	-16.4	156#	0.00
55	Dibenzofuran	1.800	1.653	8.2	132	0.00
56 P	4-Nitrophenol	0.258	0.354	-37.2#	177#	0.05
57	2,4-Dinitrotoluene	0.460	0.473	-2.8	139	0.00
58	Fluorene	1.431	1.345	6.0	133	-0.01
59	2,3,4,6-Tetrachlorophenol	0.399	0.403	-1.0	138	0.00
60	Diethylphthalate	1.549	1.520	1.9	142	-0.01
61	4-Chlorophenyl-phenylether	0.721	0.681	5.5	136	0.00
62	4-Nitroaniline	0.349	0.384	-10.0	145	0.00
63	Azobenzene	1.498	1.447	3.4	135	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	161#	0.00
65	4,6-Dinitro-2-methylphenol	0.133	0.144	-8.3	155#	0.00
66 c	n-Nitrosodiphenylamine	0.612	0.565	7.7	137	0.00
67	4-Bromophenyl-phenylether	0.220	0.208	5.5	141	0.00
68	Hexachlorobenzene	0.245	0.232	5.3	144	0.00
69	Atrazine	0.234	0.230	1.7	143	0.00
70 C	Pentachlorophenol	0.162	0.151	6.8	136	0.00
71	Phenanthrene	1.135	1.040	8.4	138	0.00
72	Anthracene	1.151	1.047	9.0	137	0.00
73	Carbazole	1.070	1.022	4.5	141	0.00
74	Di-n-butylphthalate	1.313	1.327	-1.1	149	0.00
75 C	Fluoranthene	1.361	1.304	4.2	145	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	171#	-0.01
77	Benzidine	0.576	0.638	-10.8	167#	0.00
78	Pyrene	1.335	1.221	8.5	146	0.00
79 S	Terphenyl-d14	1.112	0.988	11.2	144	0.00
80	Butylbenzylphthalate	0.585	0.595	-1.7	157#	0.00
81	Benzo(a)anthracene	1.369	1.272	7.1	150	0.00
82	3,3'-Dichlorobenzidine	0.473	0.471	0.4	155#	-0.01
83	Chrysene	1.305	1.192	8.7	148	-0.01
84	Bis(2-ethylhexyl)phthalate	0.856	0.871	-1.8	158#	-0.01
85 c	Di-n-octyl phthalate	1.523	1.613	-5.9	165#	-0.02
86 I	Perylene-d12	1.000	1.000	0.0	173#	0.00
87	Indeno(1,2,3-cd)pyrene	1.454	1.226	15.7	132	0.02
88	Benzo(b)fluoranthene	1.223	1.198	2.0	155#	0.00
89	Benzo(k)fluoranthene	1.248	1.146	8.2	147	0.01
90 C	Benzo(a)pyrene	1.198	1.117	6.8	147	0.00
91	Dibenzo(a,h)anthracene	1.190	1.016	14.6	135	-0.01
92	Benzo(g,h,i)perylene	1.170	0.928	20.7	126	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
Data File : BP025824.D
Acq On : 23 Sep 2025 11:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 23 11:40:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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\BP092325\
 Data File : BP025824.D
 Acq On : 23 Sep 2025 11:03
 Operator : CG/JU
 Sample : SSTDCCC040
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Instrument :
 BNA_P
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Quant Time: Sep 23 11:40:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 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	152	0.00
2	1,4-Dioxane	40.000	35.867	10.3	130	0.00
3	Pyridine	40.000	37.653	5.9	131	0.00
4	n-Nitrosodimethylamine	40.000	36.808	8.0	131	0.00
5 S	2-Fluorophenol	80.000	77.858	2.7	135	0.00
6	Aniline	40.000	38.718	3.2	133	0.00
7 S	Phenol-d6	80.000	79.275	0.9	133	0.00
8	2-Chlorophenol	40.000	39.159	2.1	134	0.00
9	Benzaldehyde	40.000	53.834	-34.6#	231	0.00
10 C	Phenol	40.000	39.274	1.8	132	0.01
11	bis(2-Chloroethyl)ether	40.000	38.054	4.9	130	0.00
12	1,3-Dichlorobenzene	40.000	37.646	5.9	132	0.00
13 C	1,4-Dichlorobenzene	40.000	37.614	6.0	133	0.00
14	1,2-Dichlorobenzene	40.000	37.475	6.3	132	0.00
15	Benzyl Alcohol	40.000	38.277	4.3	131	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	36.722	8.2	128	-0.01
17	2-Methylphenol	40.000	39.254	1.9	133	0.00
18	Hexachloroethane	40.000	37.559	6.1	133	-0.01
19 P	n-Nitroso-di-n-propylamine	40.000	39.119	2.2	130	0.00
20	3+4-Methylphenols	40.000	38.241	4.4	131	0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	149	0.00
22	Acetophenone	40.000	38.549	3.6	131	0.00
23 S	Nitrobenzene-d5	80.000	75.897	5.1	129	0.00
24	Nitrobenzene	40.000	37.992	5.0	128	0.00
25	Isophorone	40.000	38.527	3.7	133	0.00
26 C	2-Nitrophenol	40.000	41.652	-4.1	139	0.00
27	2,4-Dimethylphenol	40.000	39.339	1.7	131	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.755	3.1	134	-0.01
29 C	2,4-Dichlorophenol	40.000	39.529	1.2	134	0.01
30	1,2,4-Trichlorobenzene	40.000	37.881	5.3	133	0.00
31	Naphthalene	40.000	37.128	7.2	130	0.00
32	Benzoic acid	40.000	40.214	-0.5	135	0.02
33	4-Chloroaniline	40.000	39.979	0.1	132	-0.01
34 C	Hexachlorobutadiene	40.000	37.589	6.0	133	0.00
35	Caprolactam	40.000	50.943	-27.4#	175	0.02
36 C	4-Chloro-3-methylphenol	40.000	39.093	2.3	133	0.01
37	2-Methylnaphthalene	40.000	38.330	4.2	133	0.00
38	1-Methylnaphthalene	40.000	37.509	6.2	129	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	153	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.311	4.2	135	0.00
41 P	Hexachlorocyclopentadiene	40.000	38.502	3.7	128	0.00
42 S	2,4,6-Tribromophenol	80.000	83.527	-4.4	144	-0.01
43 C	2,4,6-Trichlorophenol	40.000	39.984	0.0	137	0.00
44	2,4,5-Trichlorophenol	40.000	39.379	1.6	134	0.01
45 S	2-Fluorobiphenyl	80.000	74.336	7.1	134	0.00
46	1,1'-Biphenyl	40.000	37.684	5.8	133	0.00
47	2-Chloronaphthalene	40.000	37.397	6.5	133	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
 Data File : BP025824.D
 Acq On : 23 Sep 2025 11:03
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 23 11:40:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 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	39.780	0.5	134	0.00
49	Acenaphthylene	40.000	37.860	5.4	135	0.00
50	Dimethylphthalate	40.000	38.637	3.4	136	0.00
51	2,6-Dinitrotoluene	40.000	40.252	-0.6	139	0.00
52 C	Acenaphthene	40.000	36.800	8.0	130	-0.01
53	3-Nitroaniline	40.000	41.995	-5.0	139	0.00
54 P	2,4-Dinitrophenol	40.000	42.899	-7.2	156	0.00
55	Dibenzofuran	40.000	36.734	8.2	132	0.00
56 P	4-Nitrophenol	40.000	50.134	-25.3#	177	0.05
57	2,4-Dinitrotoluene	40.000	41.052	-2.6	139	0.00
58	Fluorene	40.000	37.577	6.1	133	-0.01
59	2,3,4,6-Tetrachlorophenol	40.000	40.321	-0.8	138	0.00
60	Diethylphthalate	40.000	39.246	1.9	142	-0.01
61	4-Chlorophenyl-phenylether	40.000	37.740	5.6	136	0.00
62	4-Nitroaniline	40.000	44.052	-10.1	145	0.00
63	Azobenzene	40.000	38.641	3.4	135	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	161	0.00
65	4,6-Dinitro-2-methylphenol	40.000	43.387	-8.5	155	0.00
66 c	n-Nitrosodiphenylamine	40.000	36.952	7.6	137	0.00
67	4-Bromophenyl-phenylether	40.000	37.943	5.1	141	0.00
68	Hexachlorobenzene	40.000	37.896	5.3	144	0.00
69	Atrazine	40.000	39.320	1.7	143	0.00
70 C	Pentachlorophenol	40.000	37.435	6.4	136	0.00
71	Phenanthrene	40.000	36.676	8.3	138	0.00
72	Anthracene	40.000	36.387	9.0	137	0.00
73	Carbazole	40.000	38.183	4.5	141	0.00
74	Di-n-butylphthalate	40.000	40.416	-1.0	149	0.00
75 C	Fluoranthene	40.000	38.336	4.2	145	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	171	-0.01
77	Benzydine	40.000	44.326	-10.8	167	0.00
78	Pyrene	40.000	36.596	8.5	146	0.00
79 S	Terphenyl-d14	80.000	71.090	11.1	144	0.00
80	Butylbenzylphthalate	40.000	40.653	-1.6	157	0.00
81	Benzo(a)anthracene	40.000	37.160	7.1	150	0.00
82	3,3'-Dichlorobenzidine	40.000	39.775	0.6	155	-0.01
83	Chrysene	40.000	36.517	8.7	148	-0.01
84	Bis(2-ethylhexyl)phthalate	40.000	40.698	-1.7	158	-0.01
85 c	Di-n-octyl phthalate	40.000	42.360	-5.9	165	-0.02
86 I	Perylene-d12	20.000	20.000	0.0	173	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	33.711	15.7	132	0.02
88	Benzo(b)fluoranthene	40.000	39.172	2.1	155	0.00
89	Benzo(k)fluoranthene	40.000	36.727	8.2	147	0.01
90 C	Benzo(a)pyrene	40.000	37.315	6.7	147	0.00
91	Dibenzo(a,h)anthracene	40.000	34.148	14.6	135	-0.01
92	Benzo(g,h,i)perylene	40.000	31.706	20.7	126	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
Data File : BP025824.D
Acq On : 23 Sep 2025 11:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 23 11:40:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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



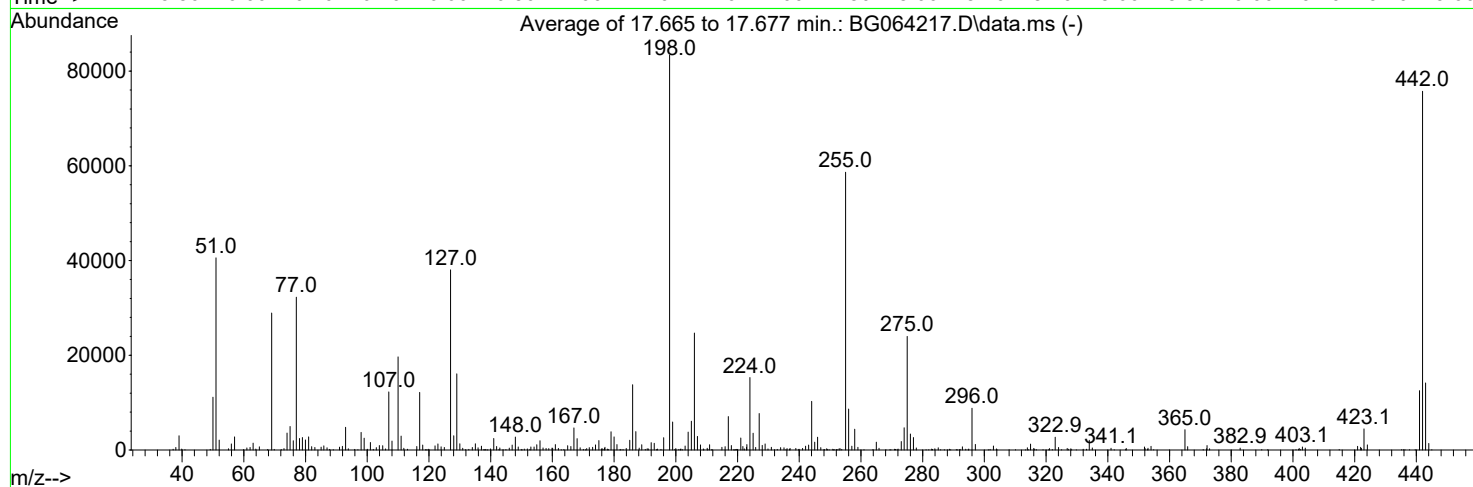
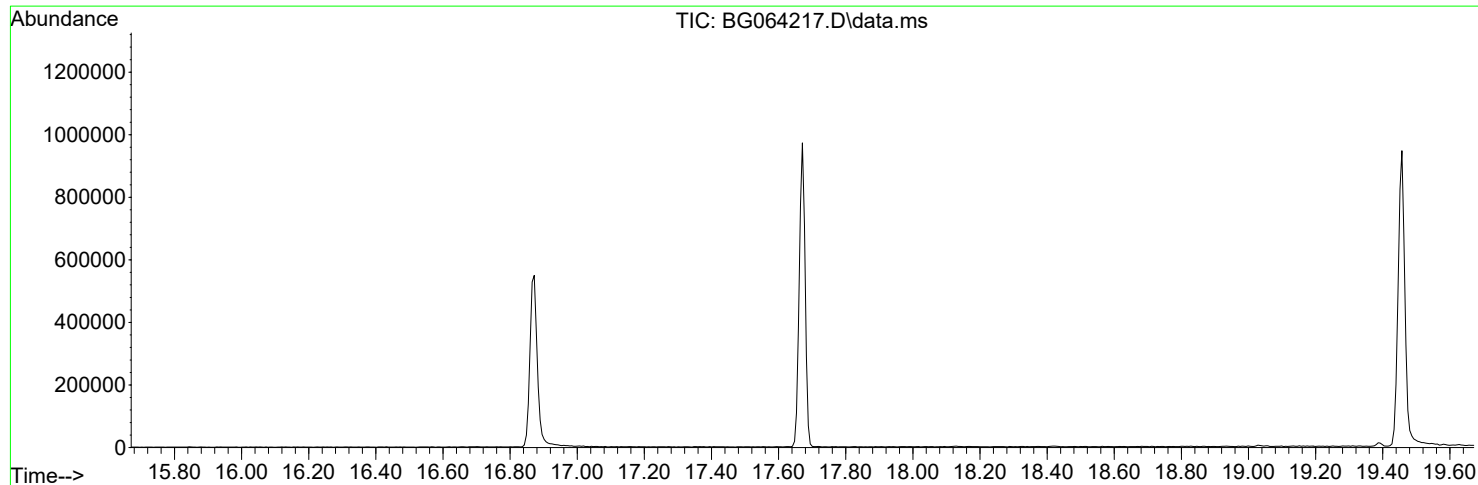
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064217.D
Acq On : 28 Aug 2025 10:11
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 28 17:41:58 2025



AutoFind: Scans 2481, 2482, 2483; Background Corrected with Scan 2474

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	0.4	117	PASS
69	69	100	100	100.0	28923	PASS
70	69	0.00	2	0.4	125	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	83360	PASS
199	198	5	9	7.1	5910	PASS
365	198	1	100	5.2	4294	PASS
441	443	0.01	150	88.5	12527	PASS
442	442	100	100	100.0	75725	PASS
443	442	15	24	18.7	14159	PASS

DDT Breakdown

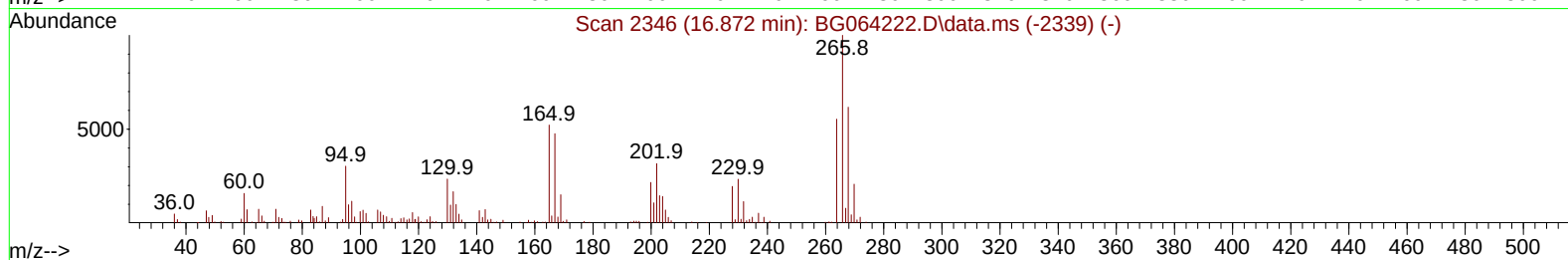
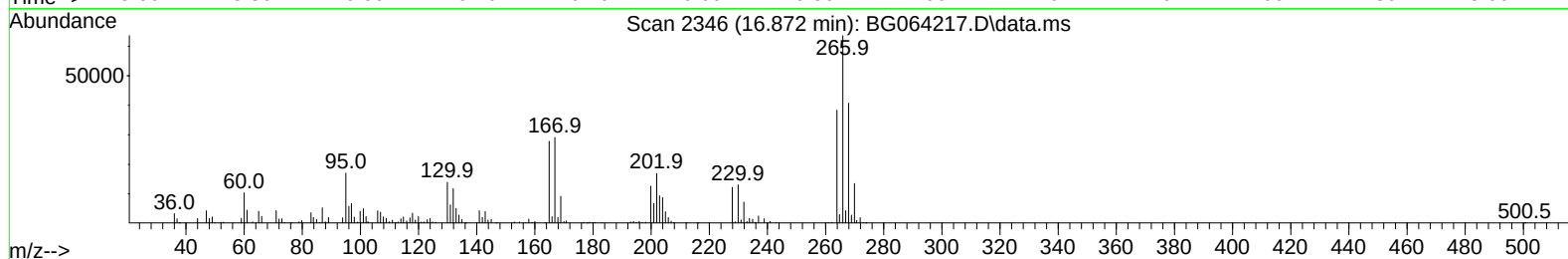
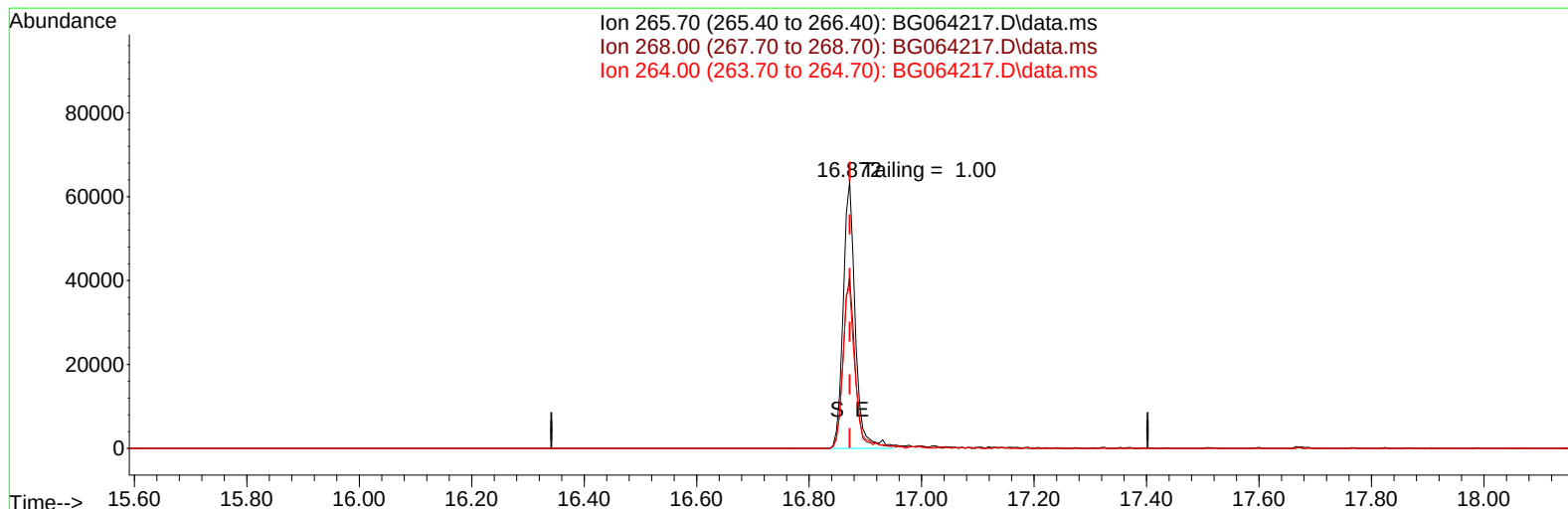
Date	Instrument Name	DFTPP Data File
8/28/2025	BNA_G	BG064217.D
Compound Name	Response	Retention Time
DDT	277057	20.691
DDD	7102	20.25
DDE	200	19.751
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
7302	284359	2.57

Instrument :
BNA_G
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064217.D
Acq On : 28 Aug 2025 10:11
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Aug 28 14:37:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 14:36:10 2025
Response via : Initial Calibration



TIC: BG064217.D\data.ms

(70) Pentachlorophenol (C)

16.872min (-0.000) 25238.02 ng

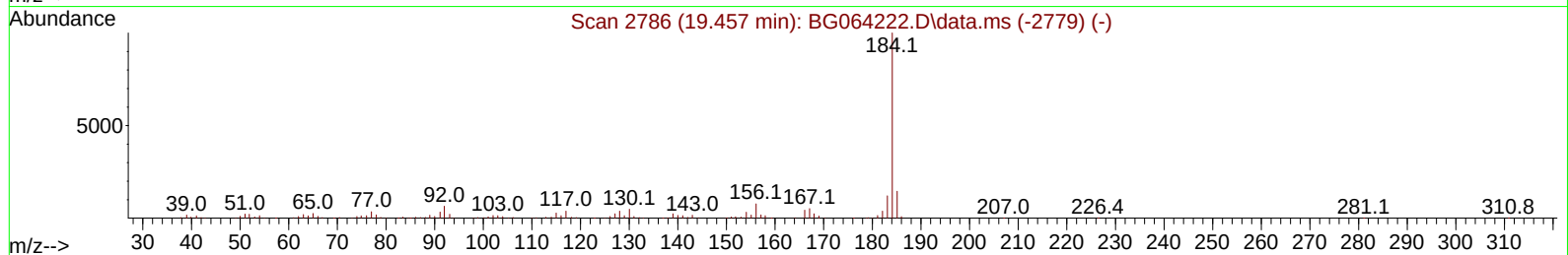
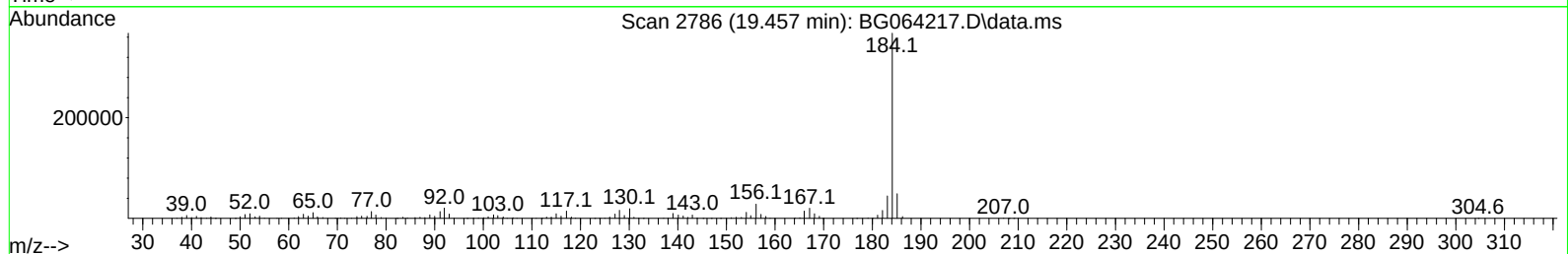
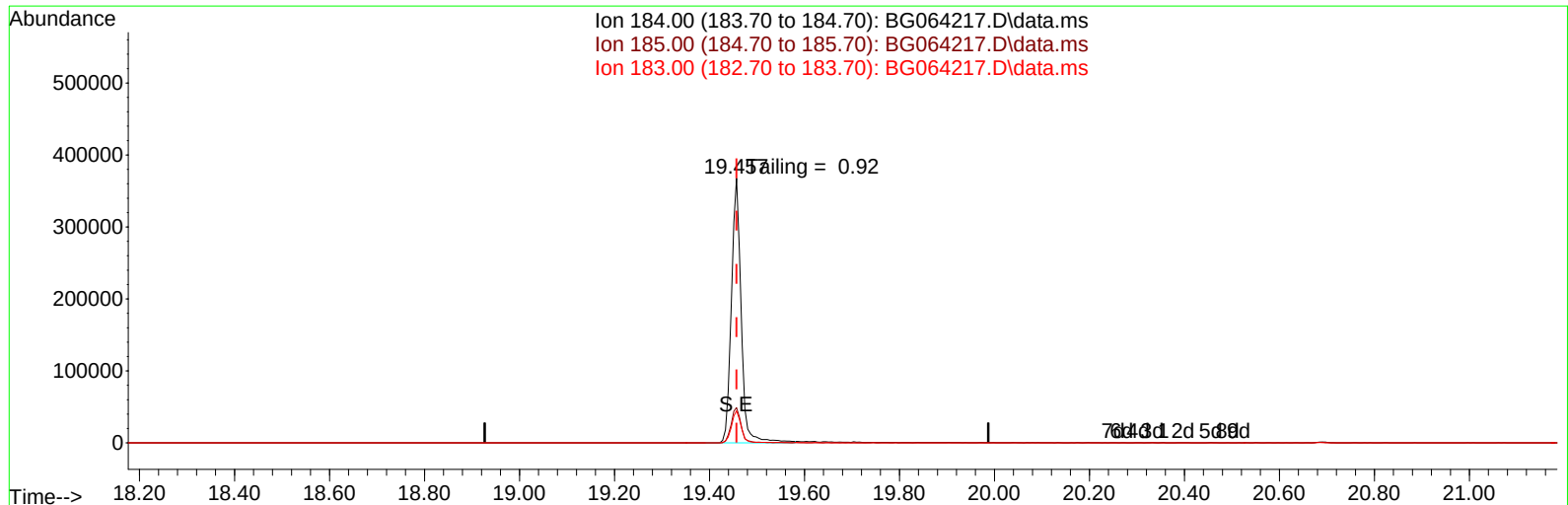
response 93526

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.70	64.00
264.00	55.40	60.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064217.D
Acq On : 28 Aug 2025 10:11
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Aug 28 14:37:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 14:36:10 2025
Response via : Initial Calibration



TIC: BG064217.D\data.ms

(77) Benzidine

19.457min (-0.000) 328145.89 ng m

response 550762

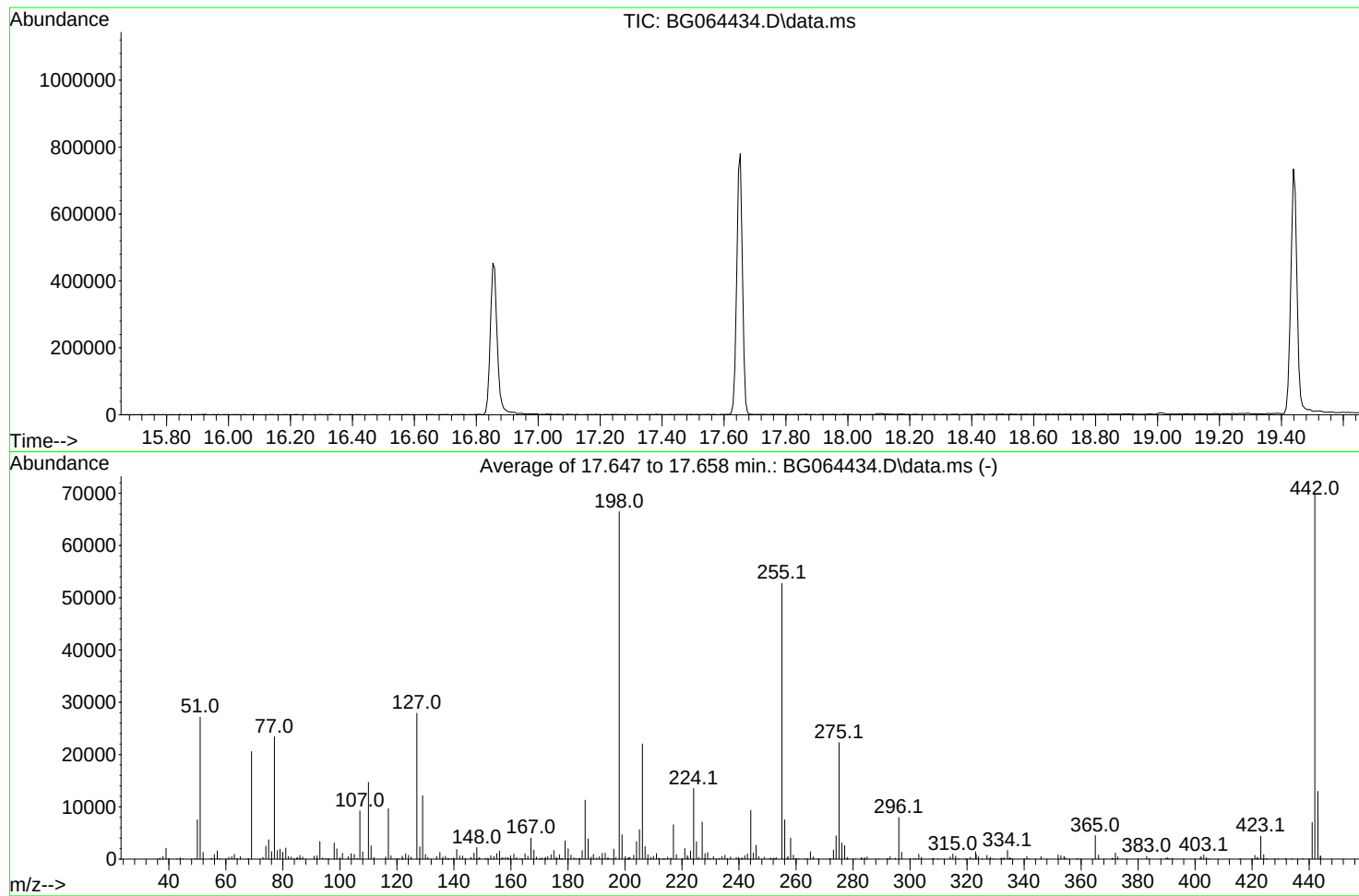
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	13.29
183.00	12.10	12.10
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
Data File : BG064434.D
Acq On : 23 Sep 2025 10:47
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 28 17:41:58 2025



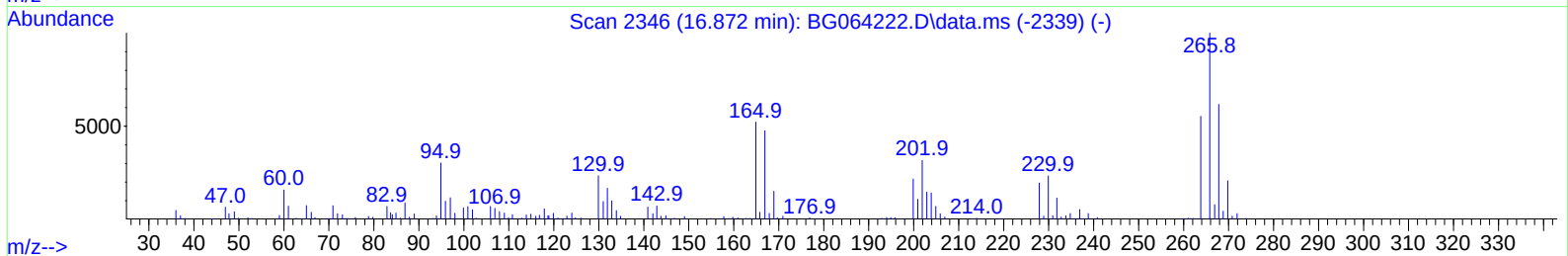
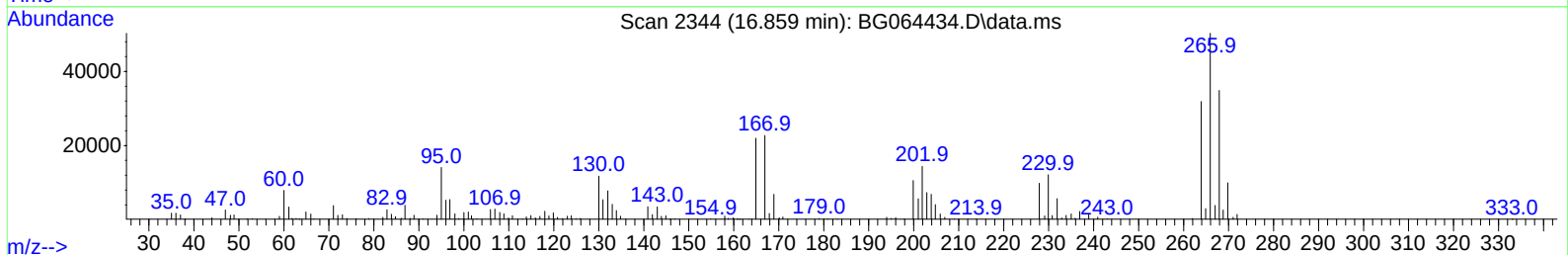
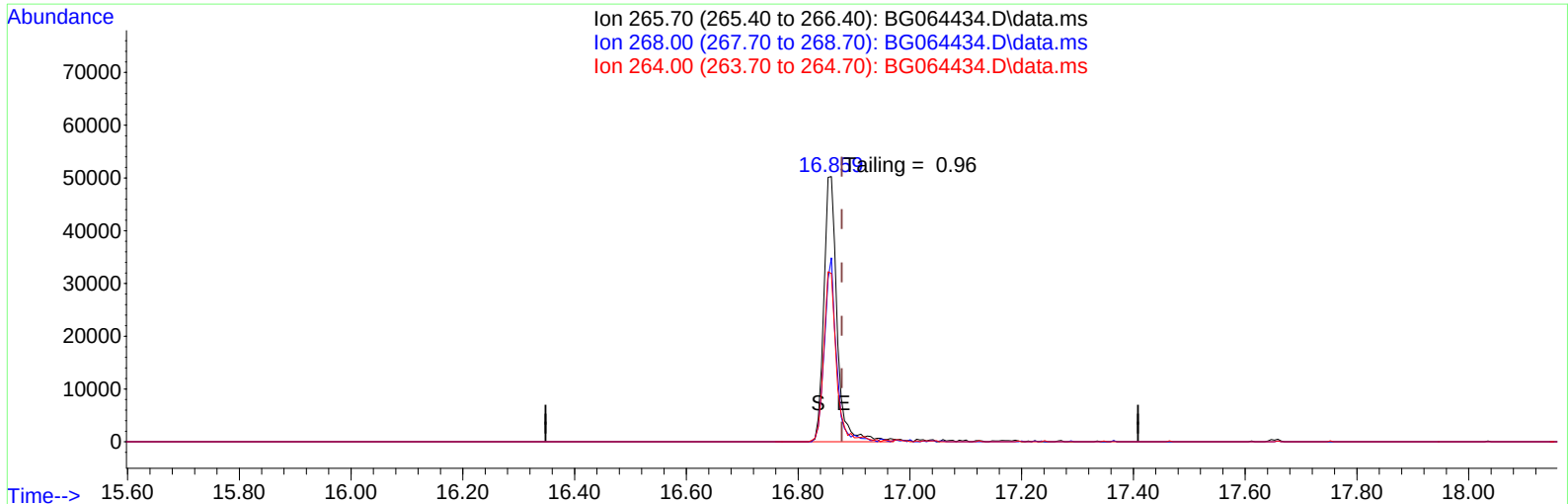
AutoFind: Scans 2478, 2479, 2480; Background Corrected with Scan 2471

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	0.6	122	PASS
69	69	100	100	100.0	20561	PASS
70	69	0.00	2	0.0	0	PASS
197	198	0.00	2	0.4	252	PASS
198	198	100	100	100.0	66480	PASS
199	198	5	9	7.0	4636	PASS
365	198	1	100	6.7	4485	PASS
441	443	0.01	150	54.0	6994	PASS
442	442	100	100	100.0	69725	PASS
443	442	15	24	18.6	12944	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
Data File : BG064434.D
Acq On : 23 Sep 2025 10:47
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Sep 23 11:53:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration



TIC: BG064434.D\data.ms

(70) Pentachlorophenol (C)

16.859min (-0.019) 27097.60 ng m

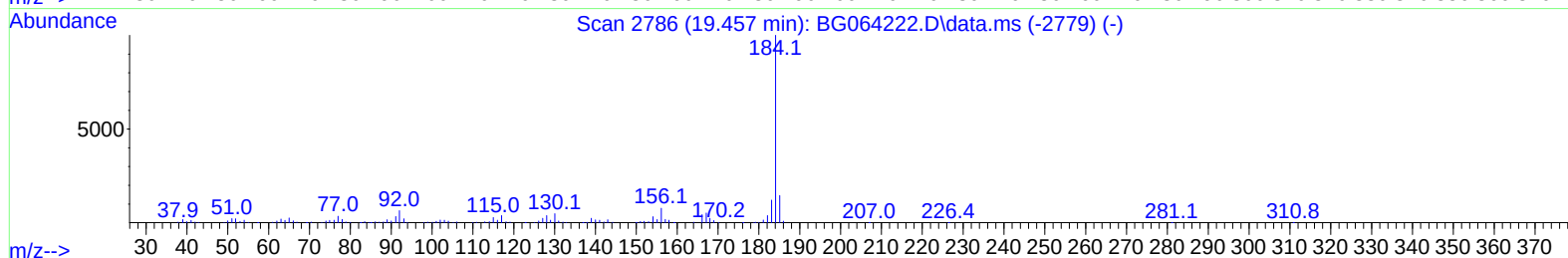
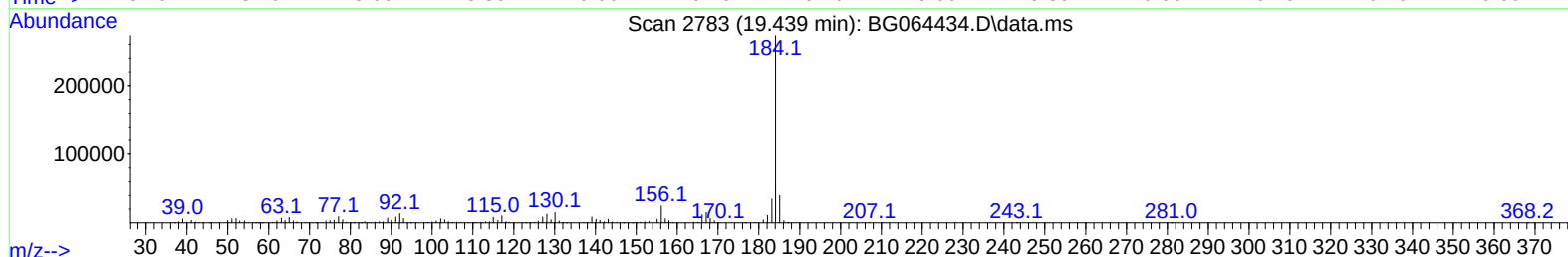
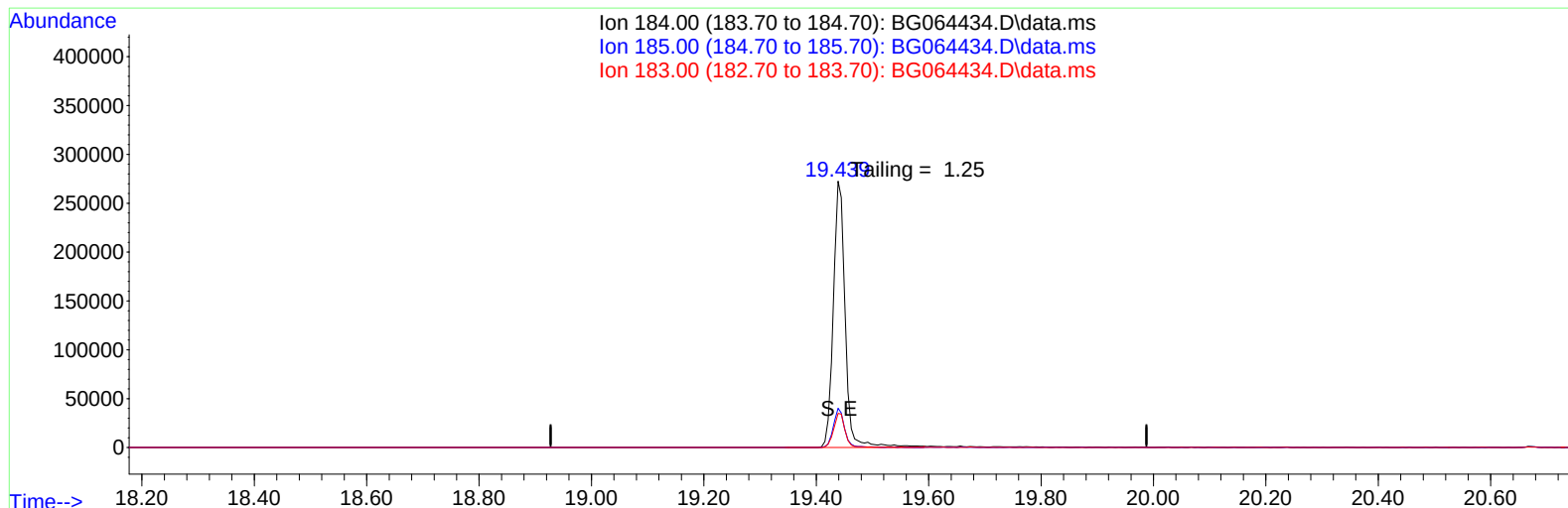
response 83137

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.70	69.33
264.00	55.40	63.45
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
Data File : BG064434.D
Acq On : 23 Sep 2025 10:47
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Sep 23 11:53:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration



TIC: BG064434.D\data.ms

(77) Benzidine

19.439min (-0.019) 302619.30 ng m

response 394695

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.72
183.00	12.10	12.83
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/23/2025	BNA_G	<u>BG064434.D</u>
Compound Name	Response	Retention Time
DDT	235294	20.67
DDD	11458	20.232
DDE	202	19.733
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
11660	246954	4.72

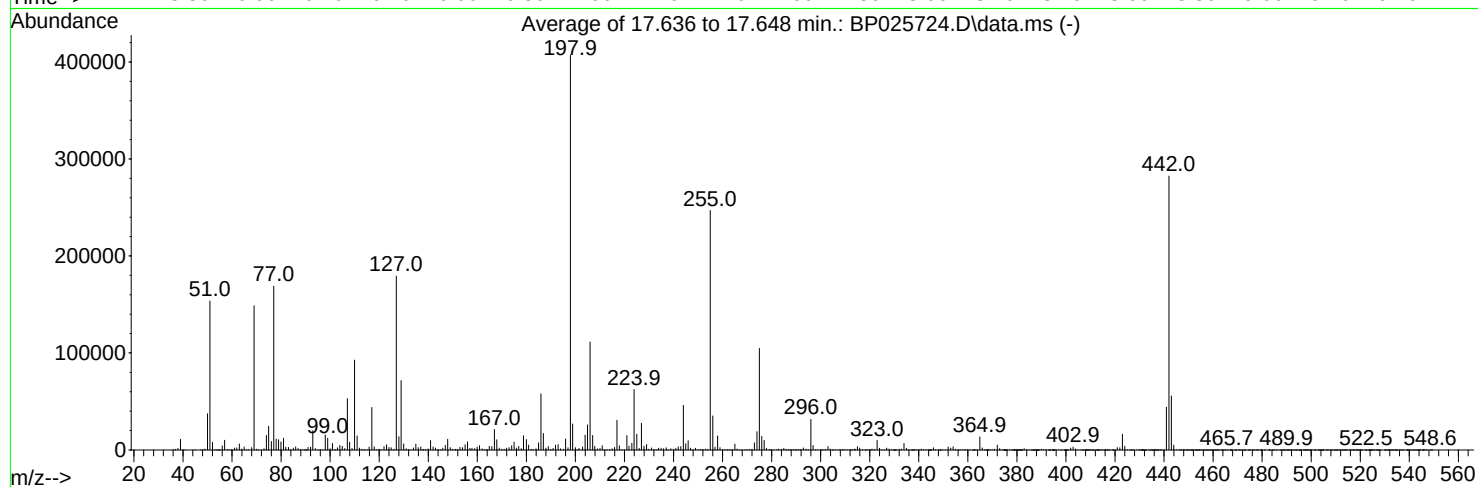
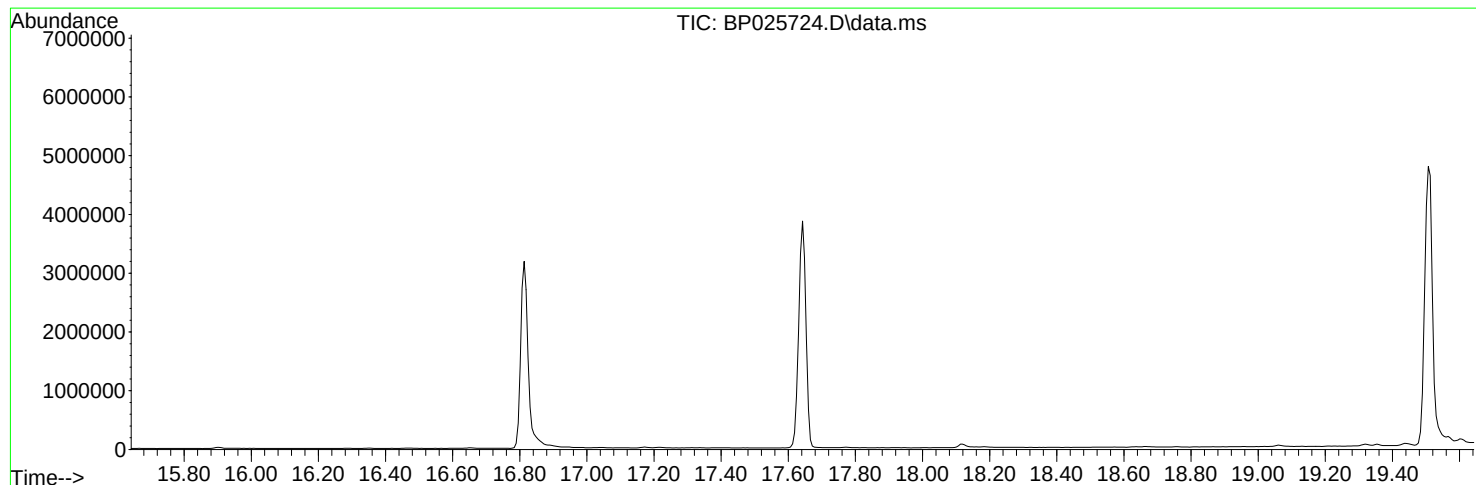
Instrument :
BNA_G
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025724.D
Acq On : 11 Sep 2025 08:09
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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 11 16:45:04 2025



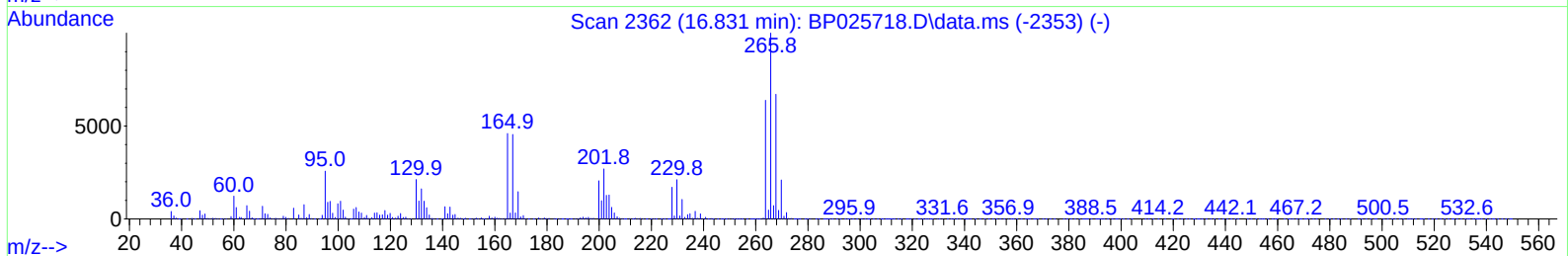
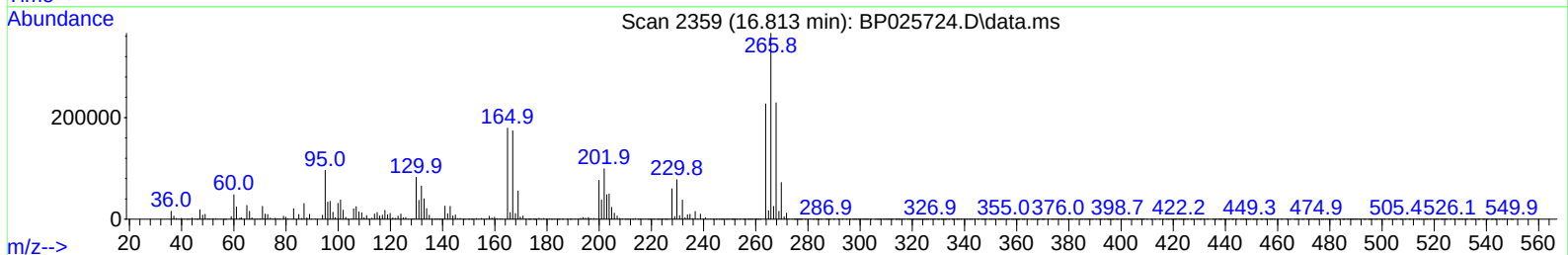
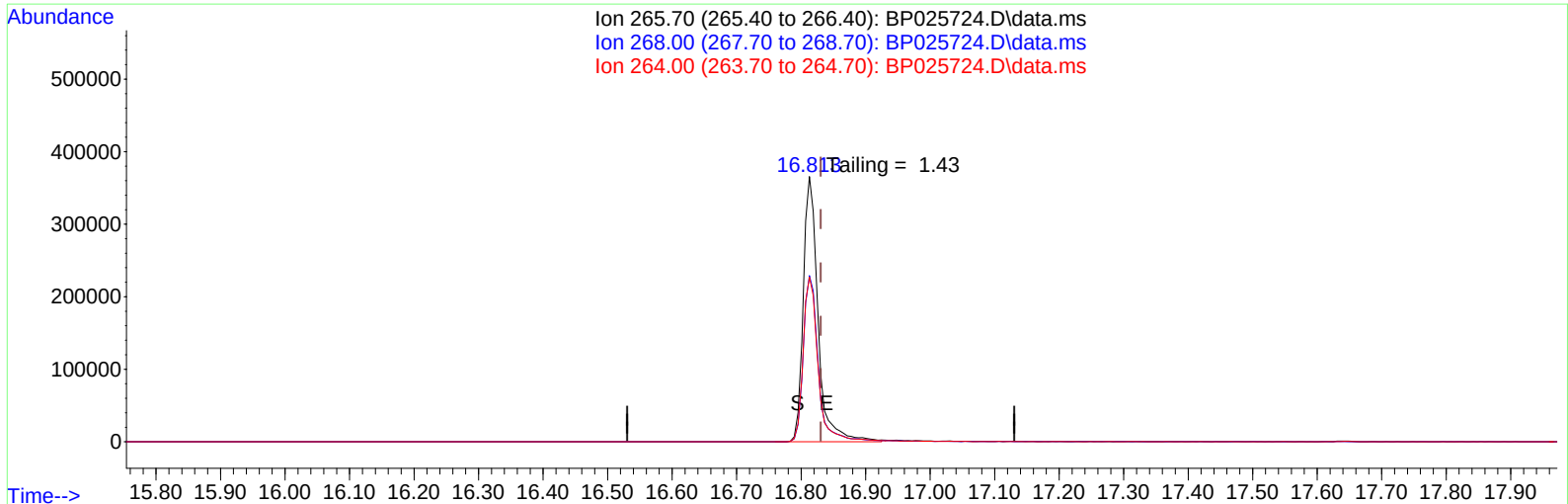
AutoFind: Scans 2499, 2500, 2501; Background Corrected with Scan 2490

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.6	2392	PASS
69	69	100	100	100.0	148681	PASS
70	69	0.00	2	0.5	775	PASS
197	198	0.00	2	0.6	2274	PASS
198	198	100	100	100.0	407104	PASS
199	198	5	9	6.6	26775	PASS
365	198	1	100	3.3	13409	PASS
441	443	0.01	150	79.1	44067	PASS
442	442	100	100	100.0	282368	PASS
443	442	15	24	19.7	55680	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025724.D
Acq On : 11 Sep 2025 08:09
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 11 12:58:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 09:20:45 2025
Response via : Initial Calibration



TIC: BP025724.D\data.ms

(70) Pentachlorophenol (C)

16.813min (-0.018) 7217.81 ng

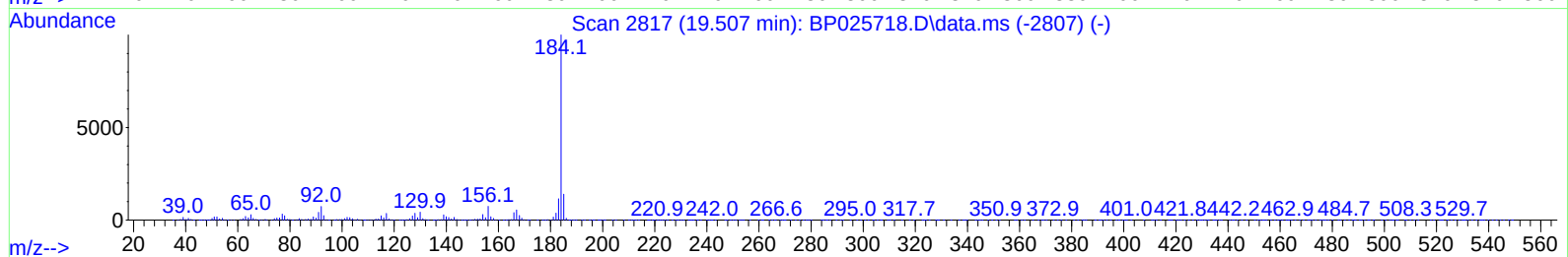
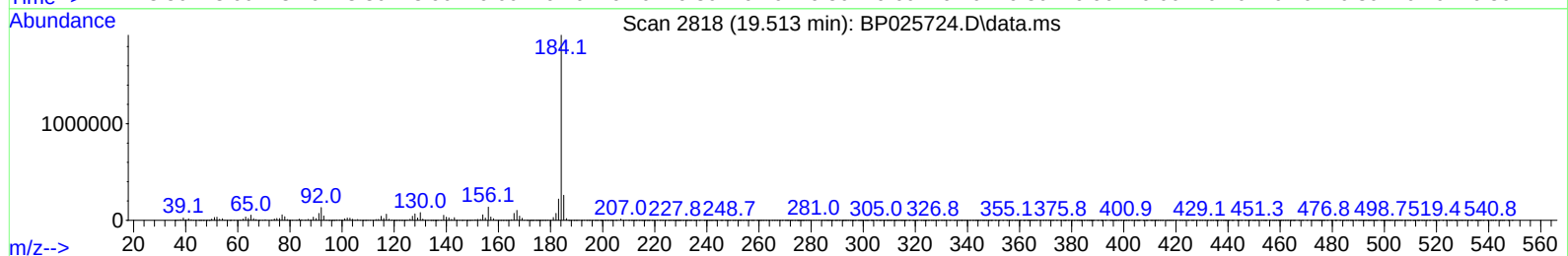
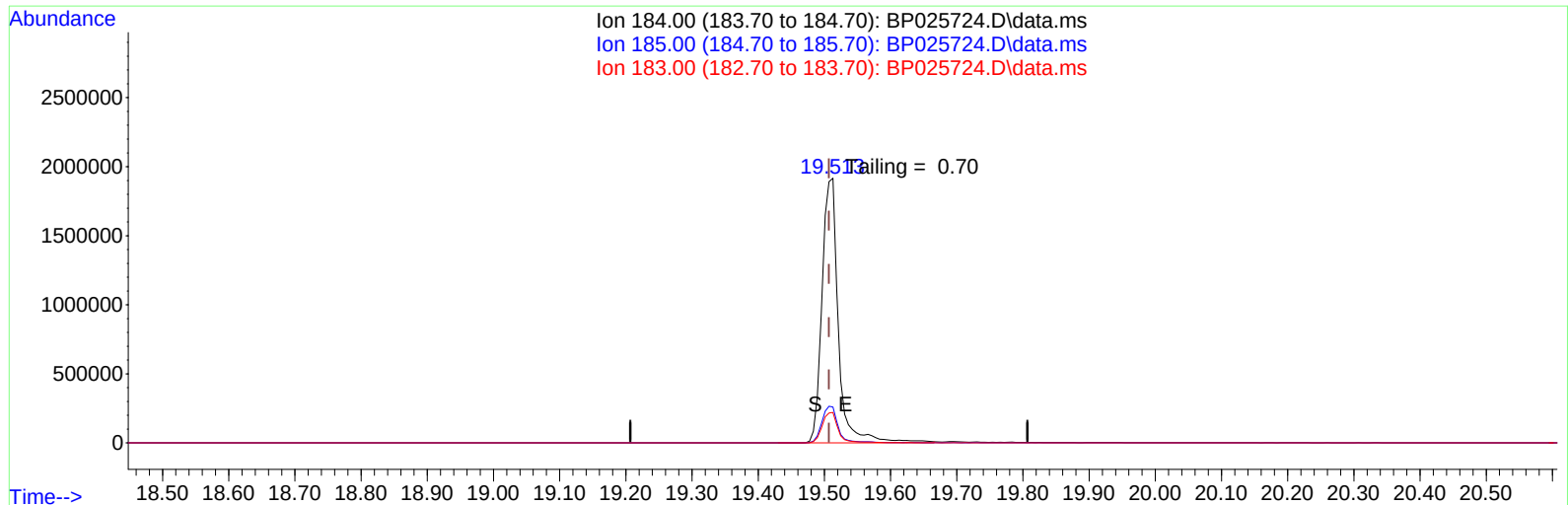
response 589827

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	67.10	62.64
264.00	63.80	62.05
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025724.D
Acq On : 11 Sep 2025 08:09
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 11 12:58:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 09:20:45 2025
Response via : Initial Calibration



TIC: BP025724.D\data.ms

(77) Benzidine

19.513min (+ 0.006) 4369.52 ng

response 3272403

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.00	13.55
183.00	11.50	11.52
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/12/2025	BNA_P	<u>BP025724.D</u>
Compound Name	Response	Retention Time
DDT	1712718	20.801
DDD	33235	20.342
DDE	3389	19.813
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
36624	1749342	2.09

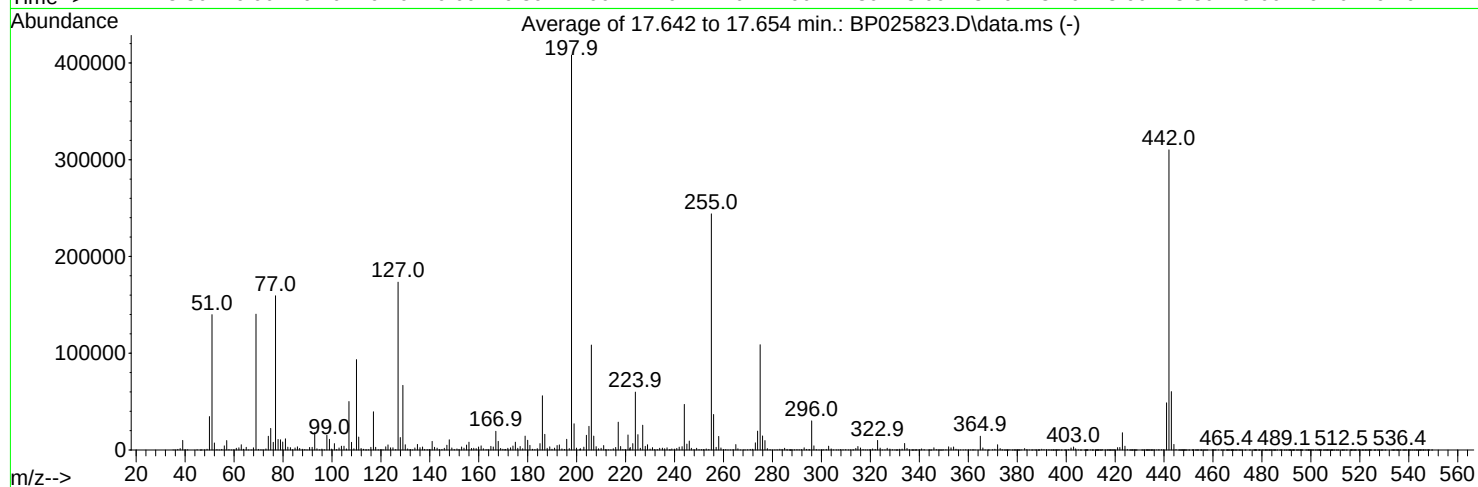
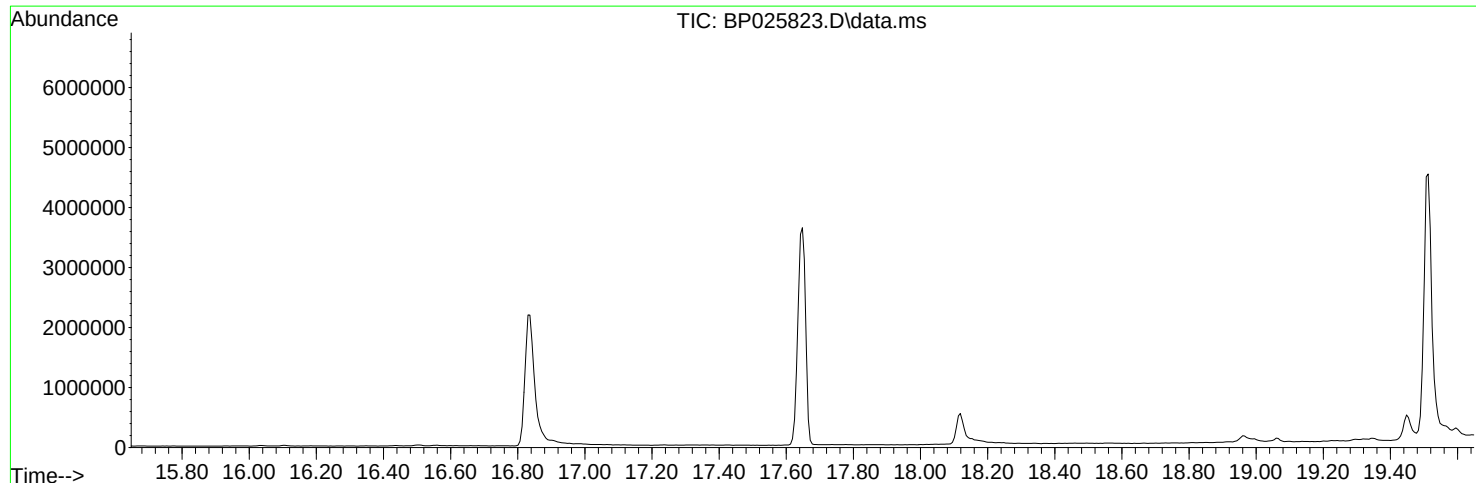
Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
Data File : BP025823.D
Acq On : 23 Sep 2025 09:41
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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 11 16:45:04 2025



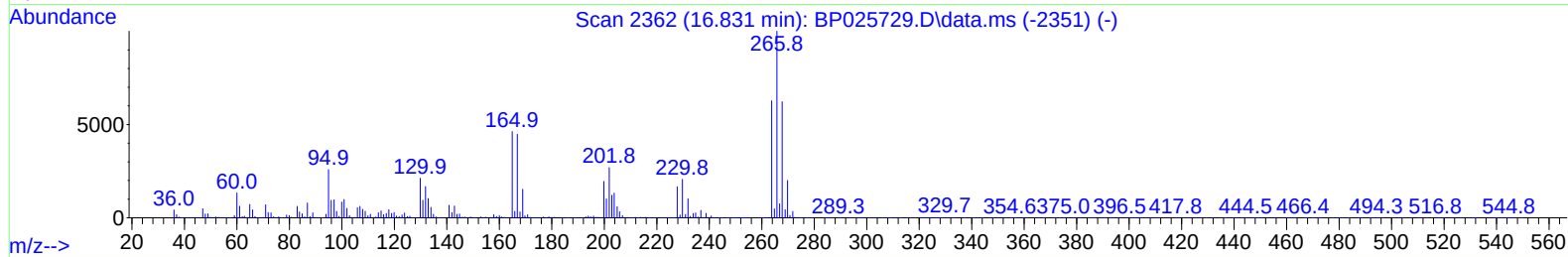
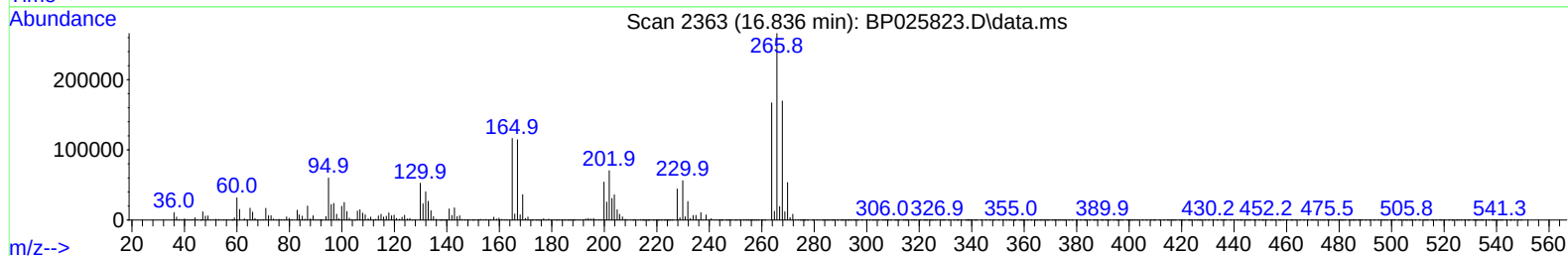
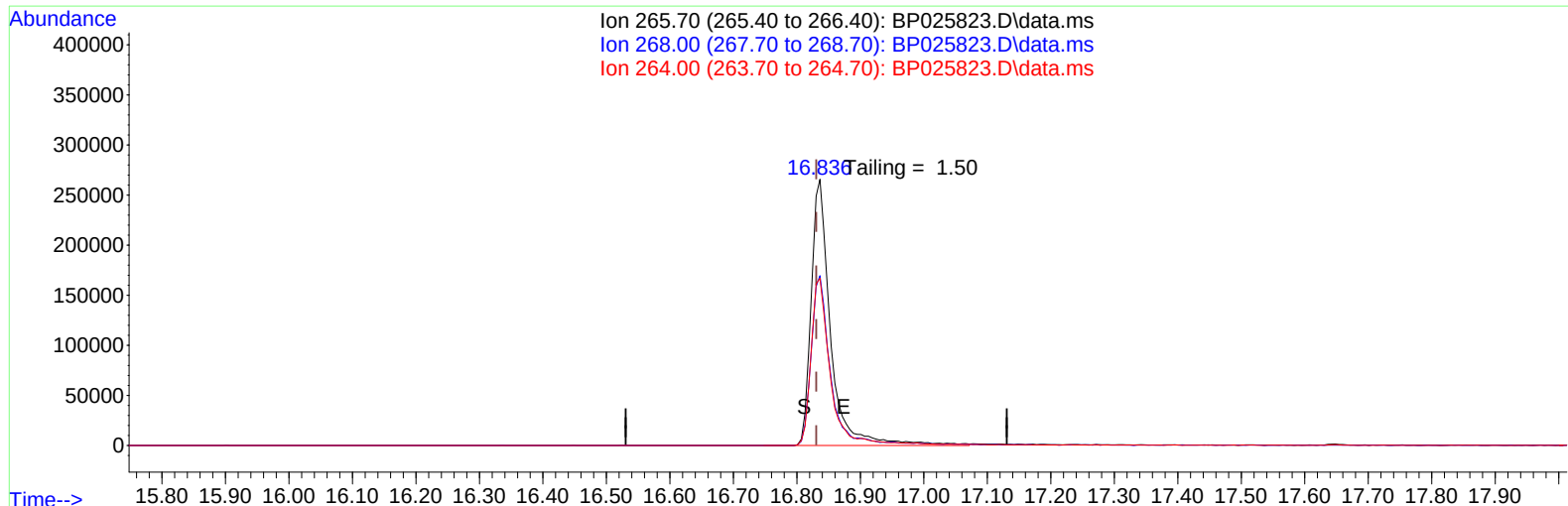
AutoFind: Scans 2500, 2501, 2502; Background Corrected with Scan 2491

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.7	2328	PASS
69	69	100	100	100.0	140370	PASS
70	69	0.00	2	0.4	543	PASS
197	198	0.00	2	0.3	1363	PASS
198	198	100	100	100.0	408114	PASS
199	198	5	9	6.6	27121	PASS
365	198	1	100	3.5	14163	PASS
441	443	0.01	150	80.8	48712	PASS
442	442	100	100	100.0	310208	PASS
443	442	15	24	19.4	60252	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
Data File : BP025823.D
Acq On : 23 Sep 2025 09:41
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 23 11:28:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



TIC: BP025823.D\data.ms

(70) Pentachlorophenol (C)

16.836min (+ 0.006) 4627969.76 ng

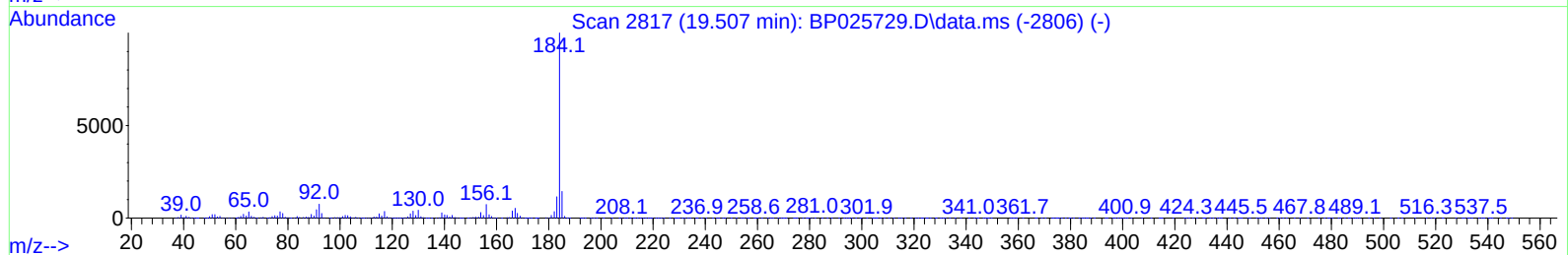
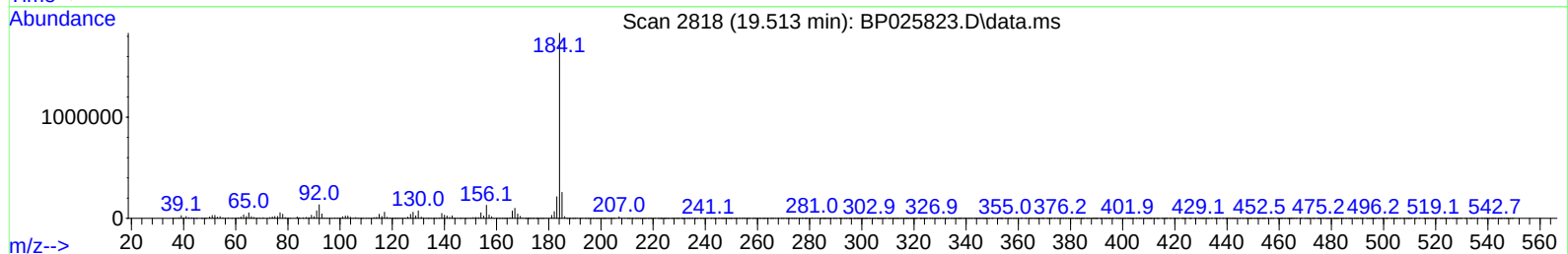
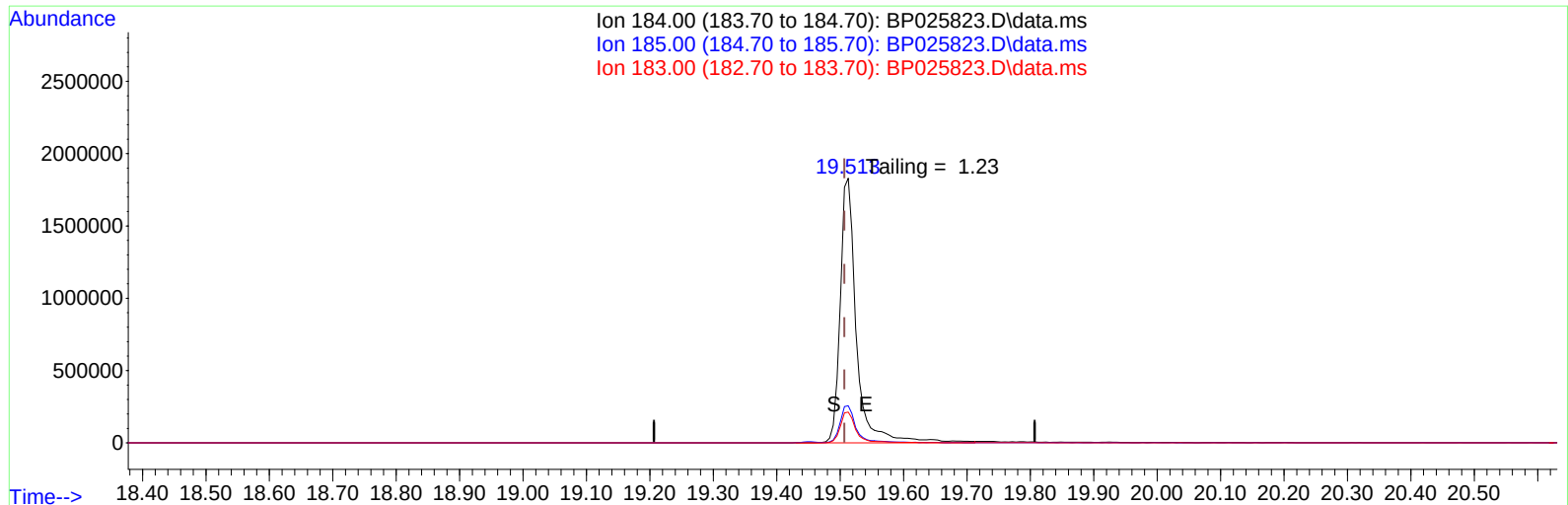
response 561305

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.30	63.82
264.00	62.70	62.81
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
Data File : BP025823.D
Acq On : 23 Sep 2025 09:41
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 23 11:28:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
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QLast Update : Thu Sep 11 16:45:04 2025
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TIC: BP025823.D\data.ms

(77) Benzidine

19.513min (+ 0.006) 1208647.75 ng

response 3203028

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.05
183.00	11.50	11.63
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/23/2025	BNA_P	<u>BP025823.D</u>
Compound Name	Response	Retention Time
DDT	1692869	20.789
DDD	20863	20.33
DDE	303	19.983
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
21166	1714035	1.23

Instrument :
BNA_P
ClientSampleId :
DFTPP

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	PB169774BL	SDG No.:	Q3155
Lab Sample ID:	PB169774BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025828.D	1	09/22/25 09:30	09/23/25 13:48	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	72.8		18 - 107	73%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.4		20 - 109	71%	SPK: 100
1718-51-0	Terphenyl-d14	67.4		10 - 105	67%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	227000	7.749			
1146-65-2	Naphthalene-d8	890000	10.519			
15067-26-2	Acenaphthene-d10	601000	14.372			
1517-22-2	Phenanthrene-d10	1400000	17.178			
1719-03-5	Chrysene-d12	1750000	21.636			
1520-96-3	Perylene-d12	1630000	25.001			

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	PB169774BL	SDG No.:	Q3155
Lab Sample ID:	PB169774BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025828.D	1	09/22/25 09:30	09/23/25 13:48	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP092325\
Data File : BP025828.D
Acq On : 23 Sep 2025 13:48
Operator : CG/JU
Sample : PB169774BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169774BL

Quant Time: Sep 23 14:09:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	226989	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	889928	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	600979	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	1402806	20.000	ng	0.00
76) Chrysene-d12	21.636	240	1747164	20.000	ng	0.00
86) Perylene-d12	25.001	264	1629648	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1734129	123.270	ng	0.00
7) Phenol-d6	6.955	99	2180413	116.609	ng	0.00
23) Nitrobenzene-d5	8.896	82	1469707	72.849	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	1002082	133.682	ng	-0.01
45) 2-Fluorobiphenyl	12.984	172	3221809	71.381	ng	0.00
79) Terphenyl-d14	19.901	244	6542411	67.365	ng	-0.01

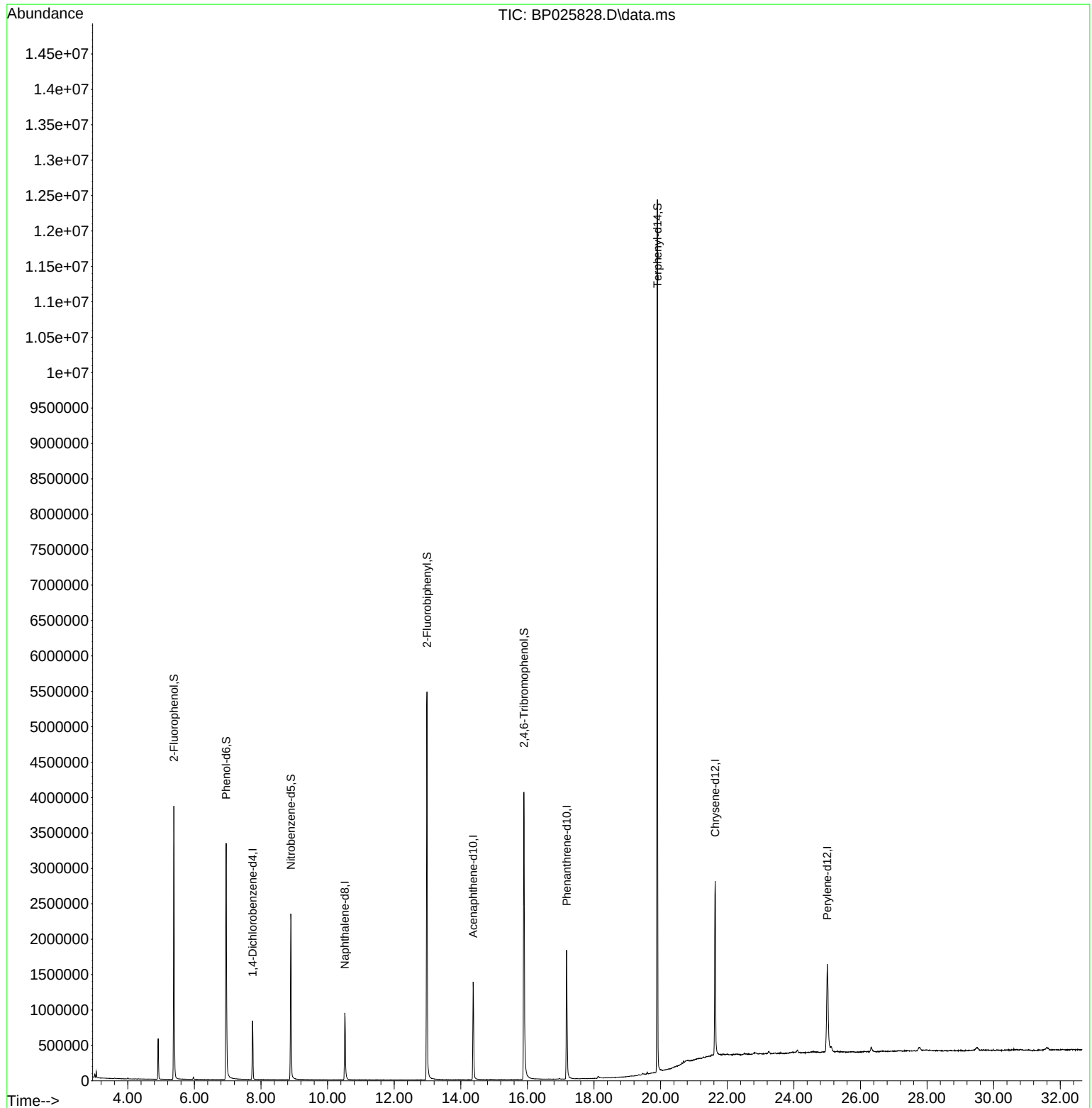
Target Compounds	Qvalue

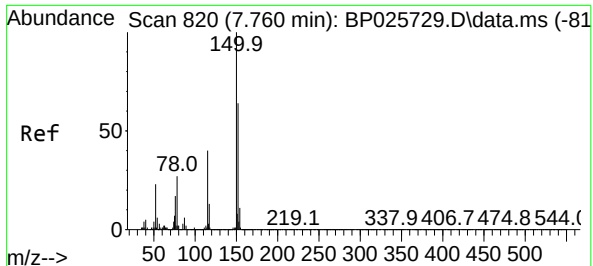
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
Data File : BP025828.D
Acq On : 23 Sep 2025 13:48
Operator : CG/JU
Sample : PB169774BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169774BL

Quant Time: Sep 23 14:09:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

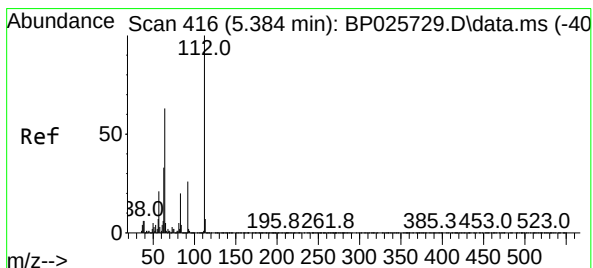
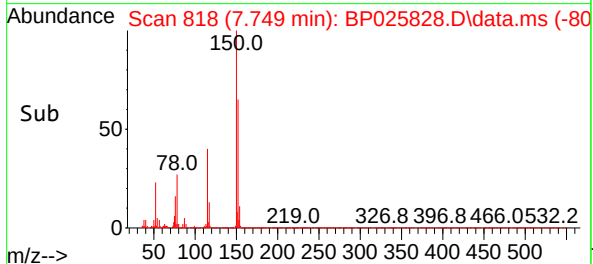
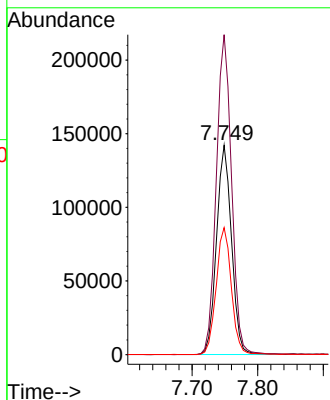
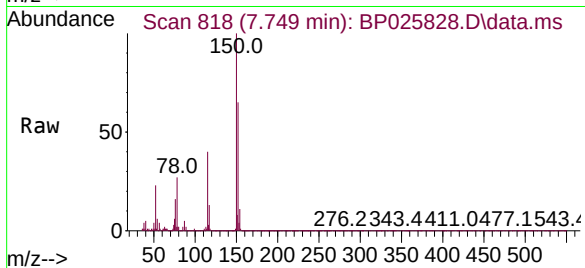




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 818
Delta R.T. -0.011 min
Lab File: BP025828.D
Acq: 23 Sep 2025 13:48

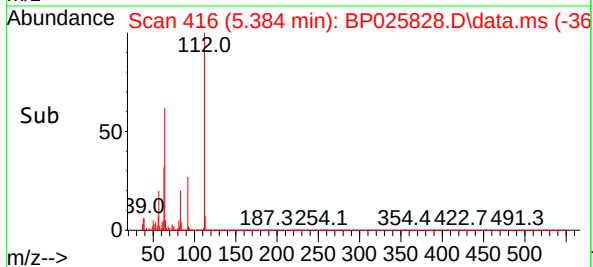
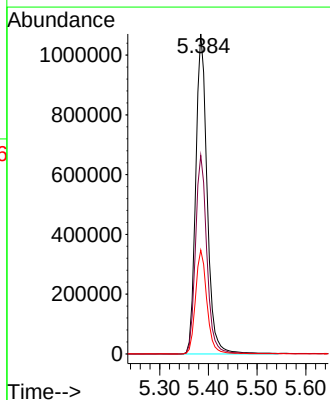
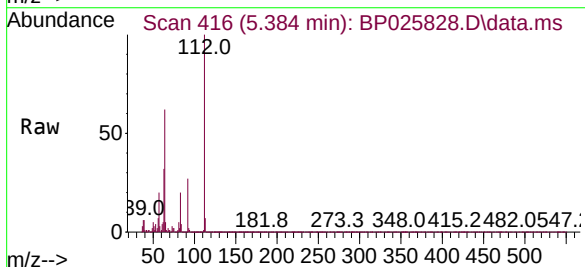
Instrument :
BNA_P
ClientSampleId :
PB169774BL

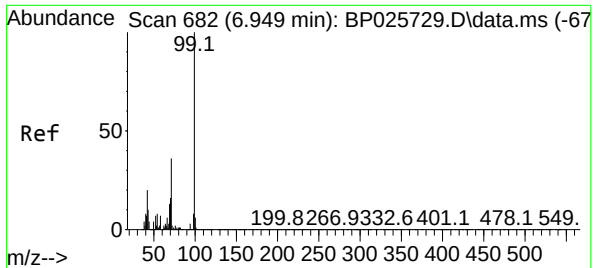
Tgt Ion:152 Resp: 226989
Ion Ratio Lower Upper
152 100
150 152.8 124.3 186.5
115 60.6 50.3 75.5



#5
2-Fluorophenol
Concen: 123.270 ng
RT: 5.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP025828.D
Acq: 23 Sep 2025 13:48

Tgt Ion:112 Resp: 1734129
Ion Ratio Lower Upper
112 100
64 62.0 50.2 75.4
63 32.5 26.7 40.1

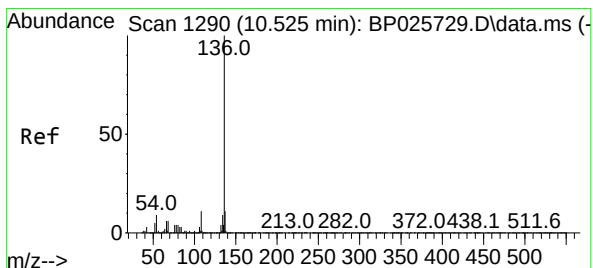
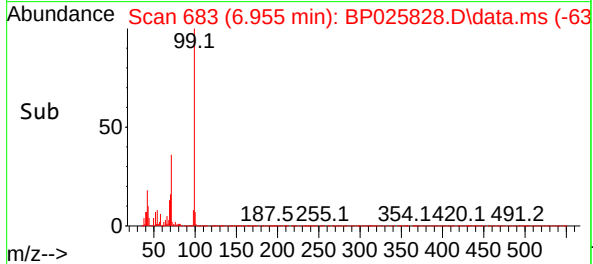
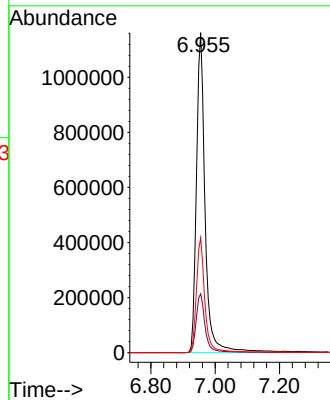
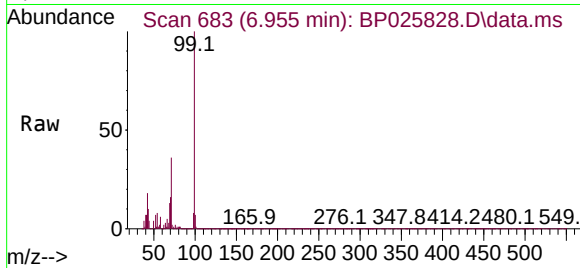




#7
Phenol-d6
Concen: 116.609 ng
RT: 6.955 min Scan# 683
Delta R.T. 0.006 min
Lab File: BP025828.D
Acq: 23 Sep 2025 13:48

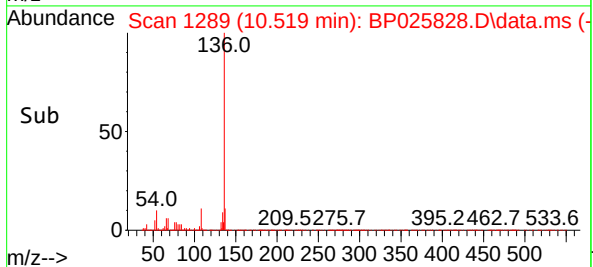
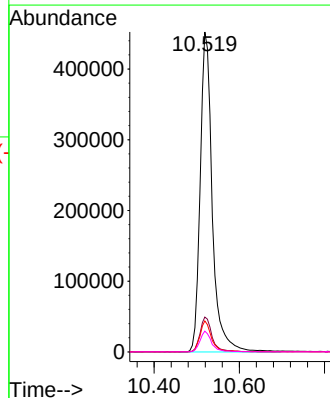
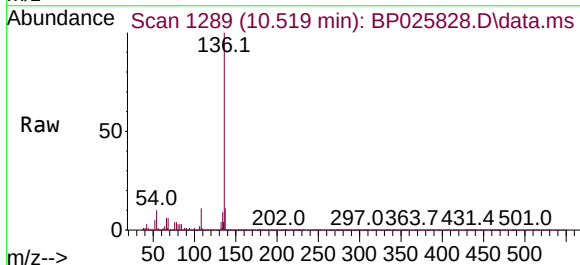
Instrument :
BNA_P
ClientSampleId :
PB169774BL

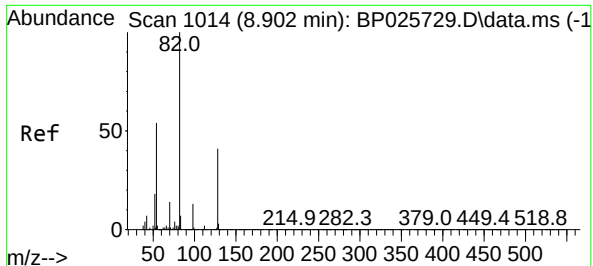
Tgt Ion: 99 Resp: 2180413
Ion Ratio Lower Upper
99 100
42 18.4 15.6 23.4
71 35.9 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025828.D
Acq: 23 Sep 2025 13:48

Tgt Ion: 136 Resp: 889928
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.7 7.5 11.3
68 6.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 72.849 ng

RT: 8.896 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BP025828.D

Acq: 23 Sep 2025 13:48

Instrument :

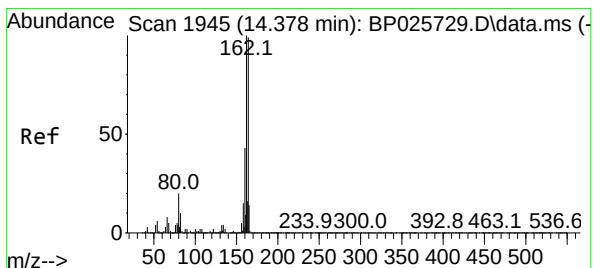
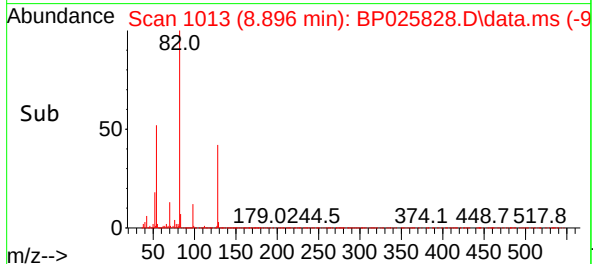
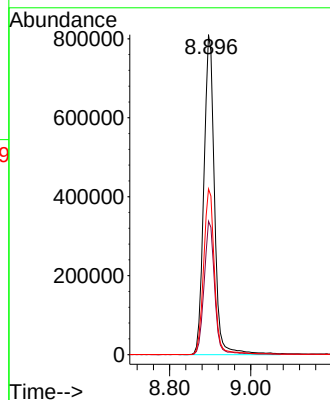
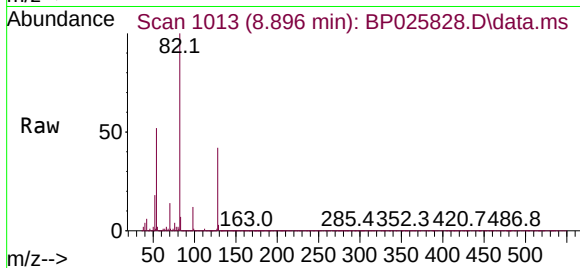
BNA_P

ClientSampleId :

PB169774BL

Tgt Ion: 82 Resp: 1469707

Ion	Ratio	Lower	Upper
82	100		
128	41.7	32.9	49.3
54	51.8	43.4	65.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.372 min Scan# 1944

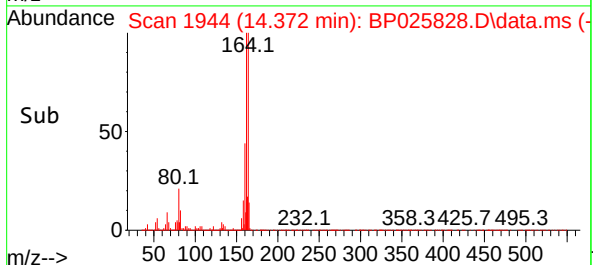
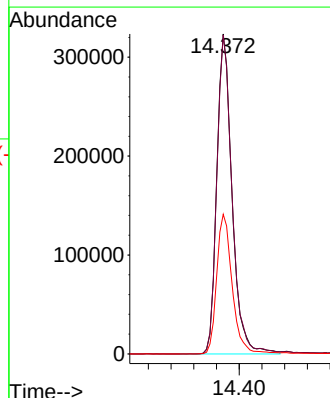
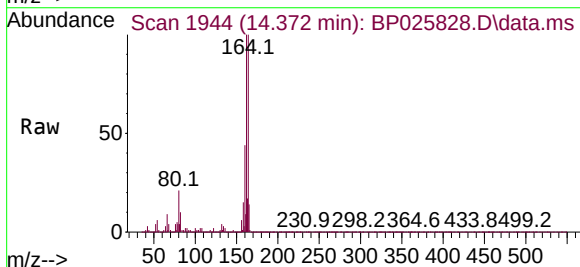
Delta R.T. -0.006 min

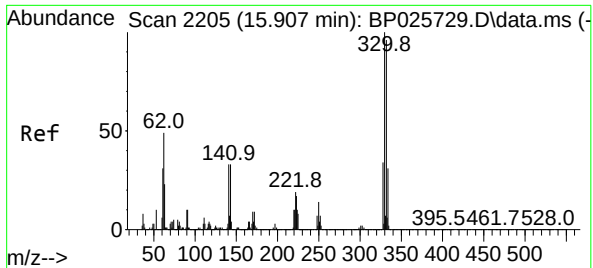
Lab File: BP025828.D

Acq: 23 Sep 2025 13:48

Tgt Ion: 164 Resp: 600979

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.6	120.8
160	43.7	35.0	52.6

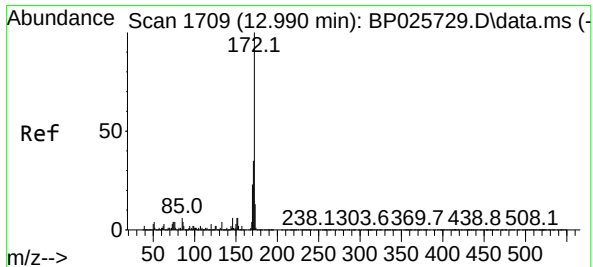
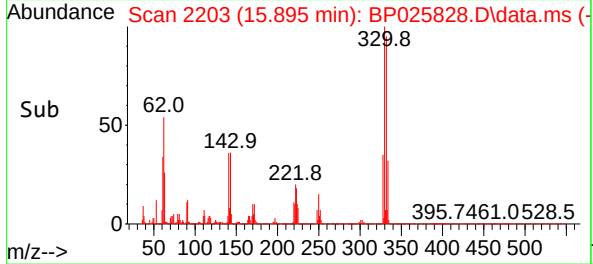
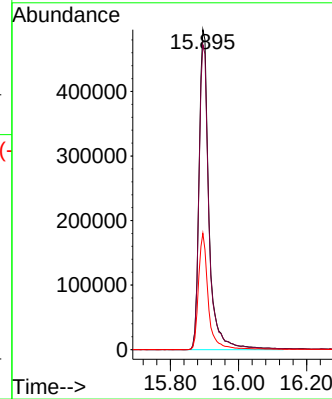
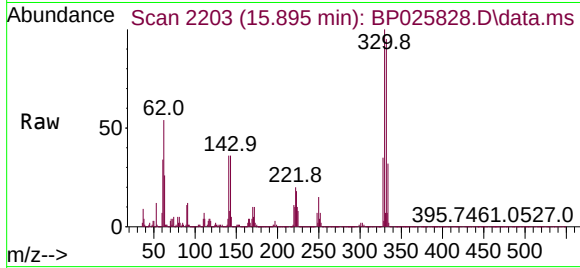




#42
2,4,6-Tribromophenol
Concen: 133.682 ng
RT: 15.895 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025828.D
Acq: 23 Sep 2025 13:48

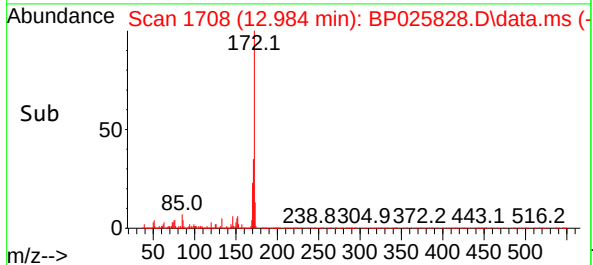
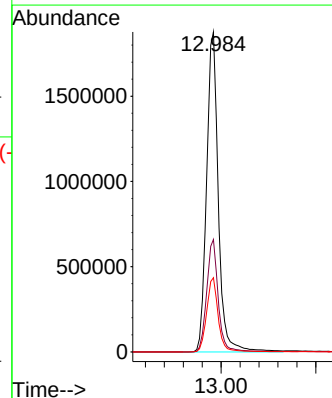
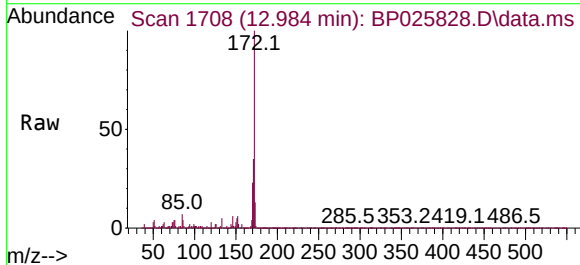
Instrument :
BNA_P
ClientSampleId :
PB169774BL

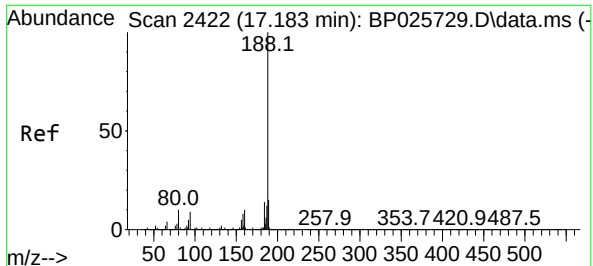
Tgt Ion:330 Resp: 1002082
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 35.6 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 71.381 ng
RT: 12.984 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP025828.D
Acq: 23 Sep 2025 13:48

Tgt Ion:172 Resp: 3221809
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 23.2 18.6 27.8

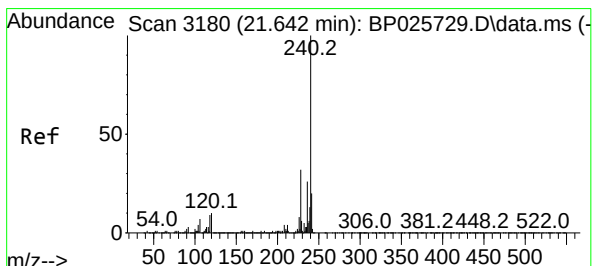
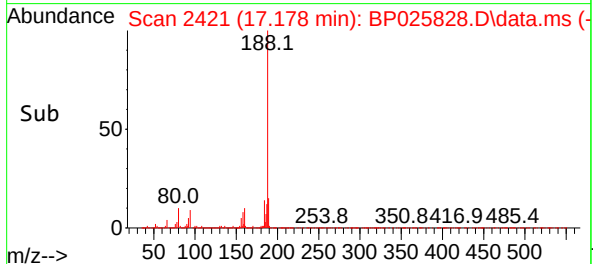
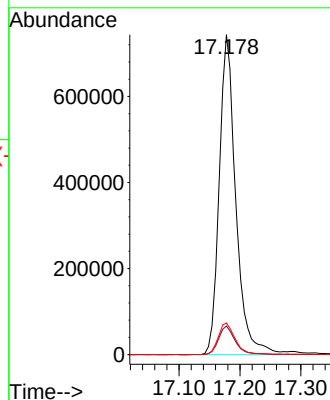
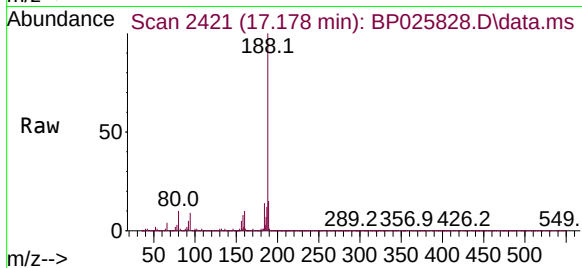




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025828.D
Acq: 23 Sep 2025 13:48

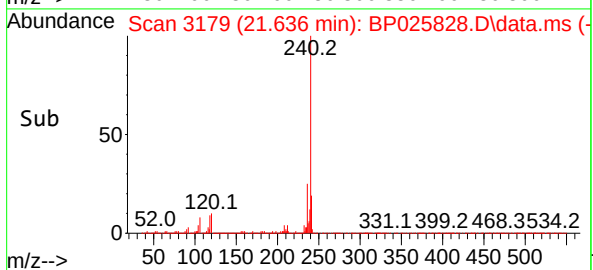
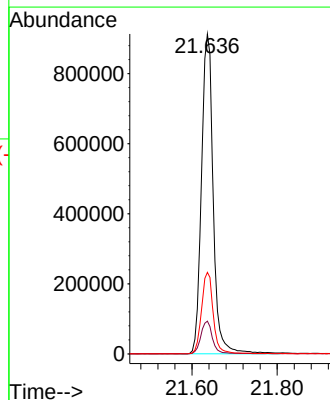
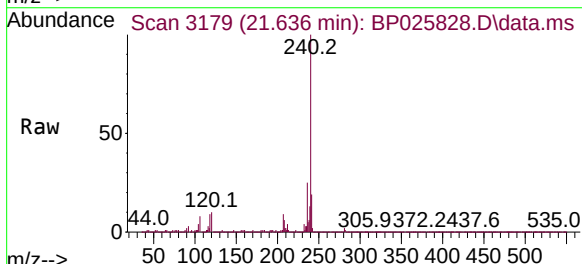
Instrument :
BNA_P
ClientSampleId :
PB169774BL

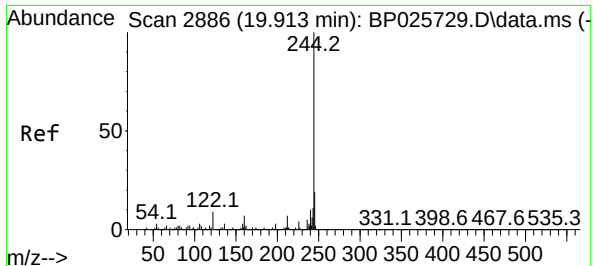
Tgt Ion:188 Resp: 1402806
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.0
80 9.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BP025828.D
Acq: 23 Sep 2025 13:48

Tgt Ion:240 Resp: 1747164
Ion Ratio Lower Upper
240 100
120 10.2 8.0 12.0
236 25.5 20.7 31.1

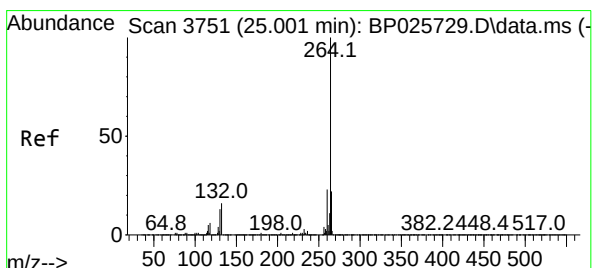
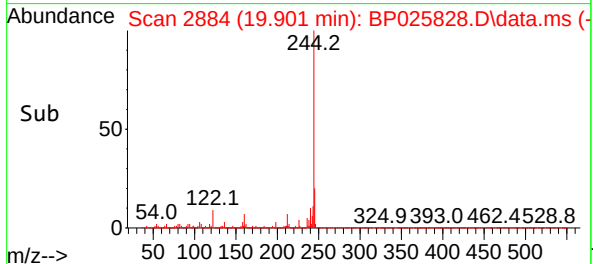
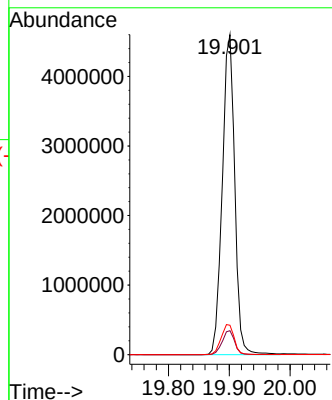
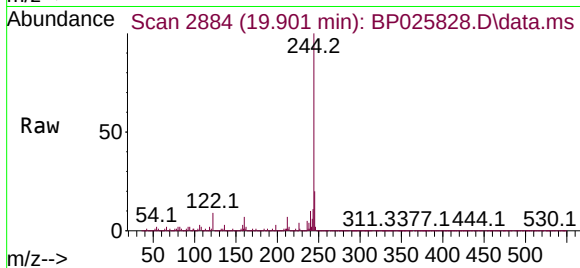




#79
 Terphenyl-d14
 Concen: 67.365 ng
 RT: 19.901 min Scan# 2884
 Delta R.T. -0.012 min
 Lab File: BP025828.D
 Acq: 23 Sep 2025 13:48

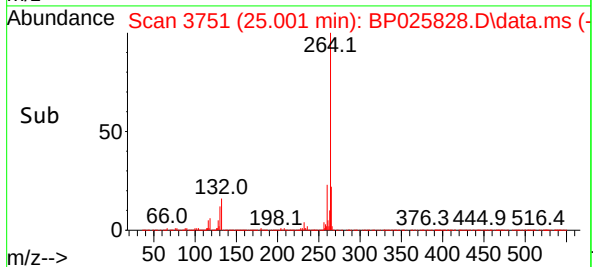
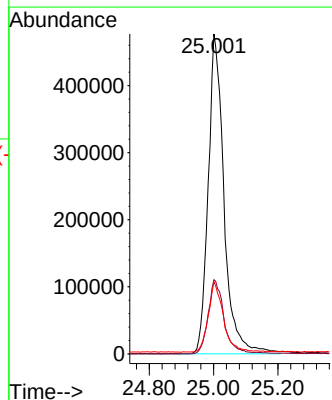
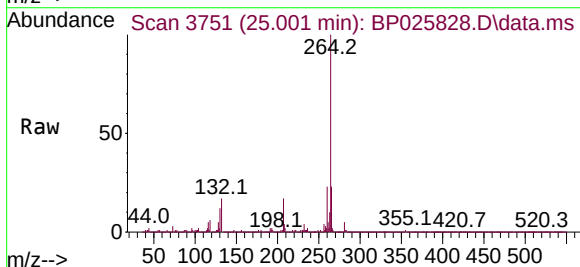
Instrument :
 BNA_P
 ClientSampleId :
 PB169774BL

Tgt Ion:244 Resp: 6542411
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 9.2 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.001 min Scan# 3751
 Delta R.T. 0.000 min
 Lab File: BP025828.D
 Acq: 23 Sep 2025 13:48

Tgt Ion:264 Resp: 1629648
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.3 27.5
 265 22.5 17.3 25.9



Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	PB169774BS	SDG No.:	Q3155
Lab Sample ID:	PB169774BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025829.D	1	09/22/25 09:30	09/23/25 14:29	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1300		22.7	170	ug/Kg
86-73-7	Fluorene	1400		25.3	170	ug/Kg
85-01-8	Phenanthrene	1400		20.9	170	ug/Kg
120-12-7	Anthracene	1400		33.3	170	ug/Kg
129-00-0	Pyrene	1500		36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	1400		23.0	170	ug/Kg
218-01-9	Chrysene	1400		19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		19.0	170	ug/Kg
50-32-8	Benzo(a)pyrene	1500		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		29.1	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	69.3		18 - 107	69%	SPK: 100
321-60-8	2-Fluorobiphenyl	67.8		20 - 109	68%	SPK: 100
1718-51-0	Terphenyl-d14	74.3		10 - 105	74%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	242000	7.749			
1146-65-2	Naphthalene-d8	992000	10.519			
15067-26-2	Acenaphthene-d10	682000	14.366			
1517-22-2	Phenanthrene-d10	1450000	17.16			
1719-03-5	Chrysene-d12	1420000	21.624			
1520-96-3	Perylene-d12	1140000	24.983			

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	PB169774BS	SDG No.:	Q3155
Lab Sample ID:	PB169774BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025829.D	1	09/22/25 09:30	09/23/25 14:29	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP092325\
 Data File : BP025829.D
 Acq On : 23 Sep 2025 14:29
 Operator : CG/JU
 Sample : PB169774BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169774BS

Quant Time: Sep 23 14:54:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	241907	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	991516	20.000	ng	0.00
39) Acenaphthene-d10	14.366	164	681683	20.000	ng	-0.01
64) Phenanthrene-d10	17.160	188	1453274	20.000	ng	-0.02
76) Chrysene-d12	21.624	240	1418311	20.000	ng	-0.02
86) Perylene-d12	24.983	264	1138065	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	1830257	122.080	ng	0.00
7) Phenol-d6	6.955	99	2366182	118.740	ng	0.00
23) Nitrobenzene-d5	8.896	82	1557808	69.304	ng	0.00
42) 2,4,6-Tribromophenol	15.884	330	1018199	119.751	ng	-0.02
45) 2-Fluorobiphenyl	12.978	172	3471744	67.812	ng	-0.01
79) Terphenyl-d14	19.901	244	5857684	74.299	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	194181	30.860	ng	99
3) Pyridine	3.702	79	565178	32.620	ng	97
4) n-Nitrosodimethylamine	3.608	42	321046	39.268	ng	100
6) Aniline	7.090	93	837788	30.626	ng	99
8) 2-Chlorophenol	7.331	128	739270	44.949	ng	99
9) Benzaldehyde	6.908	77	190835	15.977	ng	99
10) Phenol	6.978	94	934880	44.492	ng	99
11) bis(2-Chloroethyl)ether	7.184	93	698972	41.404	ng	97
12) 1,3-Dichlorobenzene	7.637	146	755512	40.361	ng	97
13) 1,4-Dichlorobenzene	7.784	146	768201	40.288	ng	98
14) 1,2-Dichlorobenzene	8.096	146	749457	40.459	ng	99
15) Benzyl Alcohol	7.996	79	693124	42.093	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.266	45	1088593	39.431	ng	99
17) 2-Methylphenol	8.207	107	621168	43.847	ng	98
18) Hexachloroethane	8.813	117	292678	40.185	ng	97
19) n-Nitroso-di-n-propyla...	8.549	70	563967	40.576	ng	99
20) 3+4-Methylphenols	8.531	107	843947	42.538	ng	99
22) Acetophenone	8.566	105	1091248	41.184	ng	# 99
24) Nitrobenzene	8.937	77	828000	41.062	ng	98
25) Isophorone	9.460	82	1601081	40.525	ng	99
26) 2-Nitrophenol	9.643	139	405058	45.243	ng	93
27) 2,4-Dimethylphenol	9.713	122	706022	44.952	ng	97
28) bis(2-Chloroethoxy)met...	9.925	93	946822	41.458	ng	99
29) 2,4-Dichlorophenol	10.190	162	716400	45.747	ng	99
30) 1,2,4-Trichlorobenzene	10.384	180	734720	41.630	ng	99
31) Naphthalene	10.566	128	2152887	40.269	ng	99
32) Benzoic acid	9.913	122	552842	47.343	ng	98
33) 4-Chloroaniline	10.684	127	563526	25.289	ng	99
34) Hexachlorobutadiene	10.849	225	462758	40.731	ng	99
35) Caprolactam	11.496	113	264114	43.752	ng	96
36) 4-Chloro-3-methylphenol	11.831	107	834826	44.714	ng	97
37) 2-Methylnaphthalene	12.178	142	1412464	41.134	ng	99
38) 1-Methylnaphthalene	12.396	142	1476903	40.333	ng	100
40) 1,2,4,5-Tetrachloroben...	12.548	216	852296	41.260	ng	99
41) Hexachlorocyclopentadiene	12.525	237	823538	73.200	ng	98
43) 2,4,6-Trichlorophenol	12.795	196	606716	44.678	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
 Data File : BP025829.D
 Acq On : 23 Sep 2025 14:29
 Operator : CG/JU
 Sample : PB169774BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169774BS

Quant Time: Sep 23 14:54:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

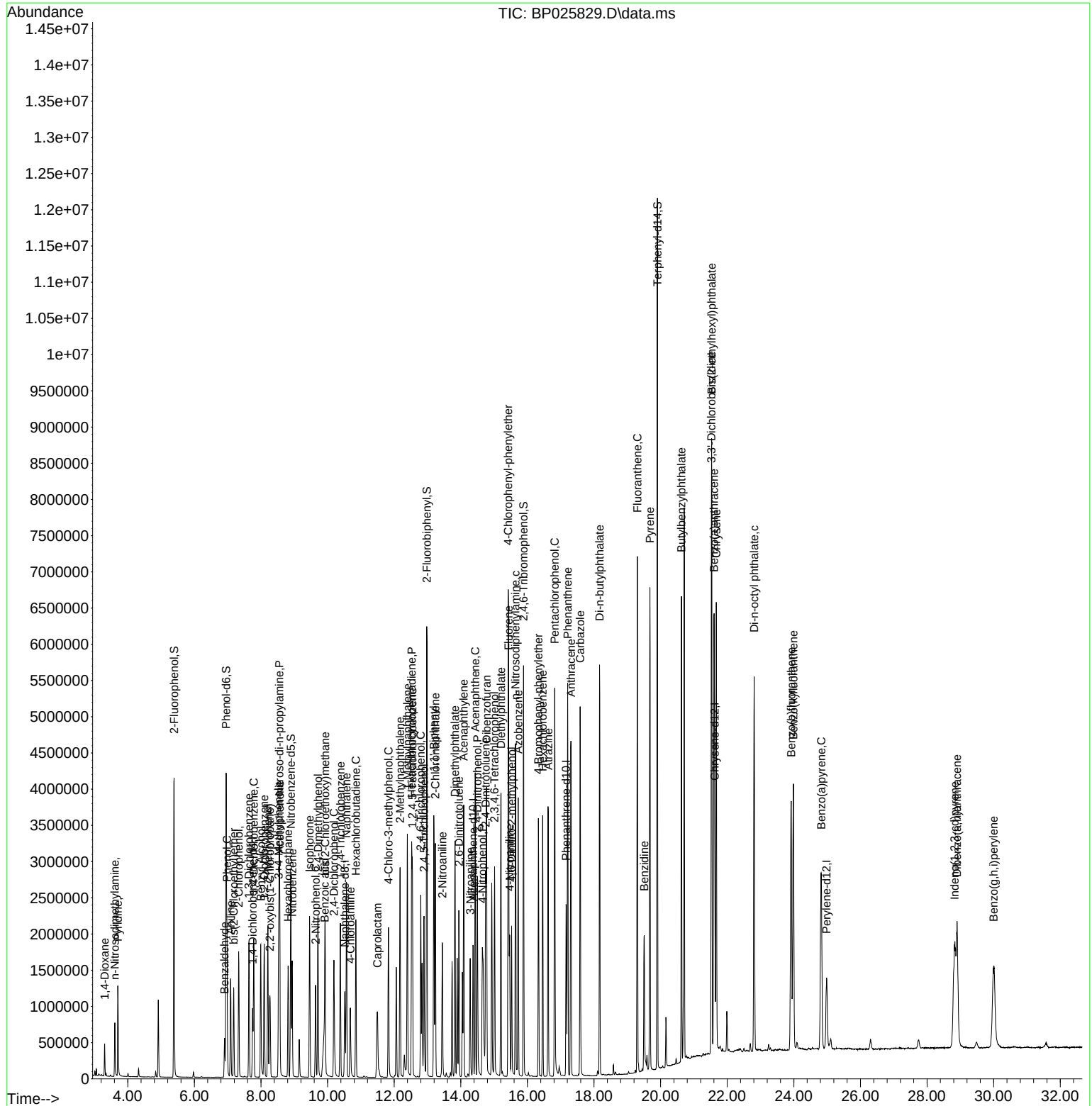
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	667729	44.182	ng	97
46) 1,1'-Biphenyl	13.190	154	2048301	40.937	ng	100
47) 2-Chloronaphthalene	13.237	162	1595487	40.496	ng	99
48) 2-Nitroaniline	13.443	65	589416	44.880	ng	98
49) Acenaphthylene	14.090	152	2691532	41.231	ng	99
50) Dimethylphthalate	13.825	163	2182559	41.937	ng	100
51) 2,6-Dinitrotoluene	13.942	165	490244	44.461	ng	98
52) Acenaphthene	14.437	154	1511693	40.156	ng	99
53) 3-Nitroaniline	14.284	138	410915	35.439	ng	98
54) 2,4-Dinitrophenol	14.495	184	667460	92.312	ng	97
55) Dibenzofuran	14.772	168	2504803	40.824	ng	99
56) 4-Nitrophenol	14.648	139	768428	77.126	ng	97
57) 2,4-Dinitrotoluene	14.748	165	719986	45.882	ng	96
58) Fluorene	15.437	166	1998268	40.958	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.013	232	608441	44.691	ng	98
60) Diethylphthalate	15.207	149	2302476	43.615	ng	99
61) 4-Chlorophenyl-phenyle...	15.425	204	1019460	41.462	ng	97
62) 4-Nitroaniline	15.466	138	551265	46.407	ng	97
63) Azobenzene	15.725	77	2164974	42.413	ng	98
65) 4,6-Dinitro-2-methylph...	15.525	198	454463	47.023	ng	93
66) n-Nitrosodiphenylamine	15.642	169	1855030	41.711	ng	99
67) 4-Bromophenyl-phenylether	16.331	248	670251	41.981	ng	97
68) Hexachlorobenzene	16.460	284	745391	41.866	ng	94
69) Atrazine	16.625	200	712462	41.910	ng	96
70) Pentachlorophenol	16.819	266	976380	83.091	ng	98
71) Phenanthrene	17.207	178	3375172	40.942	ng	99
72) Anthracene	17.307	178	3428247	40.986	ng	100
73) Carbazole	17.583	167	3294726	42.368	ng	99
74) Di-n-butylphthalate	18.166	149	4217646	44.196	ng	100
75) Fluoranthene	19.301	202	4029329	40.754	ng	100
77) Benzidine	19.507	184	1468939	35.955	ng	100
78) Pyrene	19.677	202	4236623	44.767	ng	99
80) Butylbenzylphthalate	20.624	149	2016722	48.602	ng	99
81) Benzo(a)anthracene	21.601	228	4175782	43.005	ng	99
82) 3,3'-Dichlorobenzidine	21.524	252	1193425	35.546	ng	99
83) Chrysene	21.671	228	3844315	41.533	ng	100
84) Bis(2-ethylhexyl)phtha...	21.530	149	2895302	47.692	ng	100
85) Di-n-octyl phthalate	22.807	149	5129788	47.503	ng	99
87) Indeno(1,2,3-cd)pyrene	28.824	276	3400109	41.083	ng	# 83
88) Benzo(b)fluoranthene	23.918	252	3464231	49.777	ng	98
89) Benzo(k)fluoranthene	23.989	252	3538734	49.829	ng	99
90) Benzo(a)pyrene	24.824	252	3124450	45.844	ng	99
91) Dibenzo(a,h)anthracene	28.901	278	2858622	42.208	ng	98
92) Benzo(g,h,i)perylene	30.000	276	2762595	41.477	ng	99

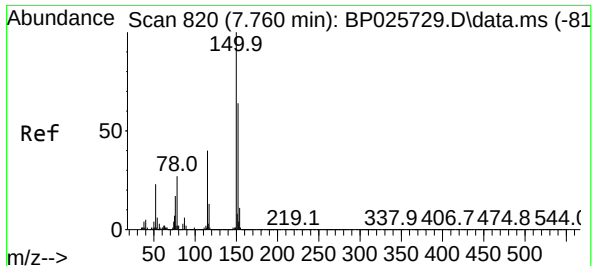
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BP025829.D  
Acq On    : 23 Sep 2025  14:29  
Operator  : CG/JU  
Sample    : PB169774BS  
Misc      :  
ALS Vial  : 7    Sample Multiplier: 1
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Instrument :
BNA_P
ClientSampleId :
PB169774BS

Quant Time: Sep 23 14:54:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Qlast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

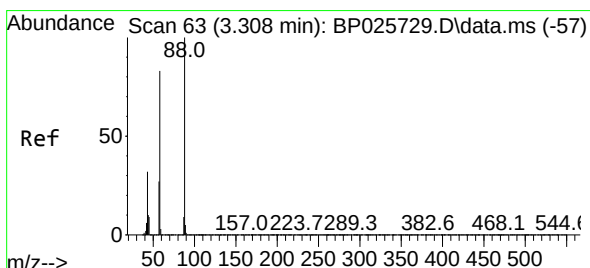
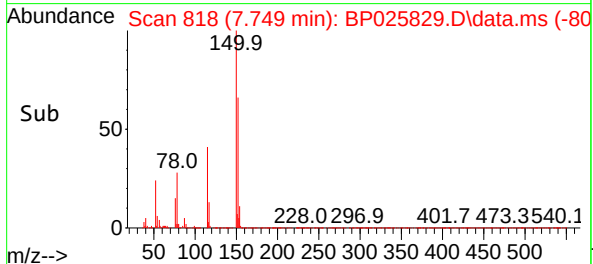
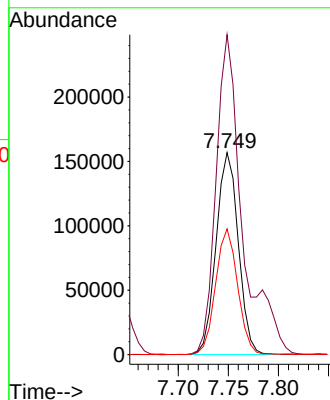
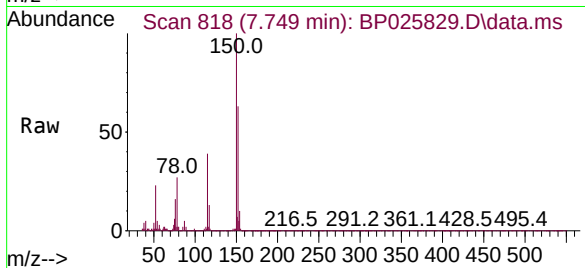




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

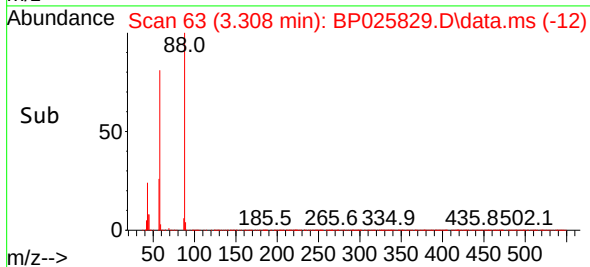
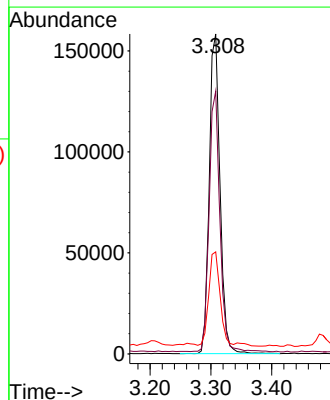
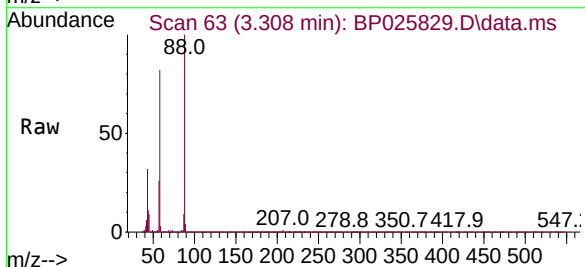
Instrument :
BNA_P
ClientSampleId :
PB169774BS

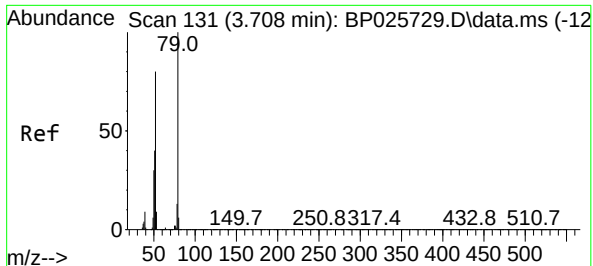
Tgt Ion:152 Resp: 241907
Ion Ratio Lower Upper
152 100
150 158.4 124.3 186.5
115 62.2 50.3 75.5



#2
1,4-Dioxane
Concen: 30.860 ng
RT: 3.308 min Scan# 63
Delta R.T. -0.000 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion: 88 Resp: 194181
Ion Ratio Lower Upper
88 100
58 81.4 65.5 98.3
43 30.4 25.2 37.8

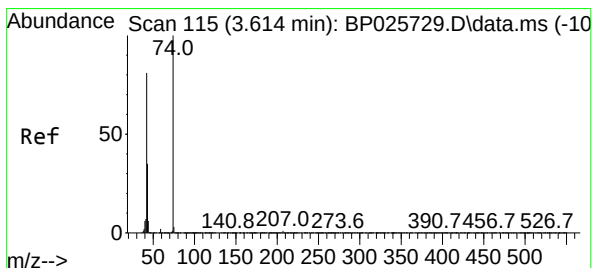
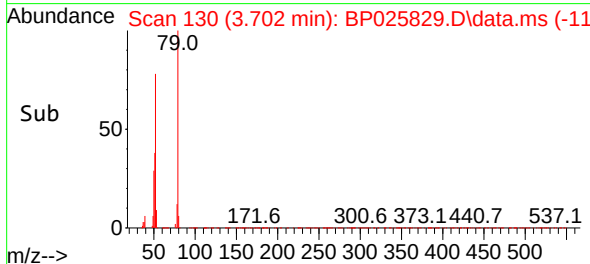
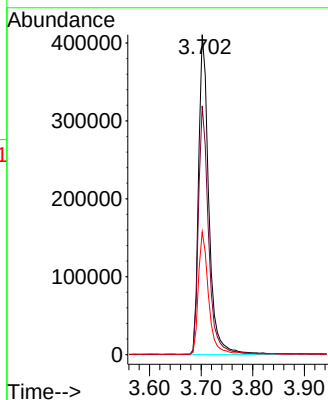
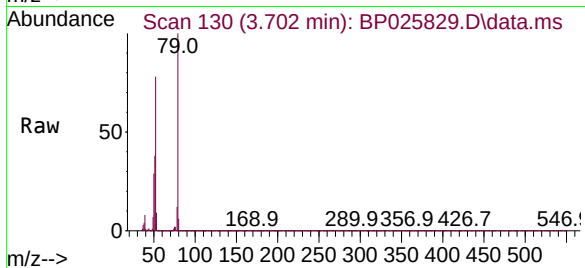




#3
Pyridine
Concen: 32.620 ng
RT: 3.702 min Scan# 113
Delta R.T. -0.006 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

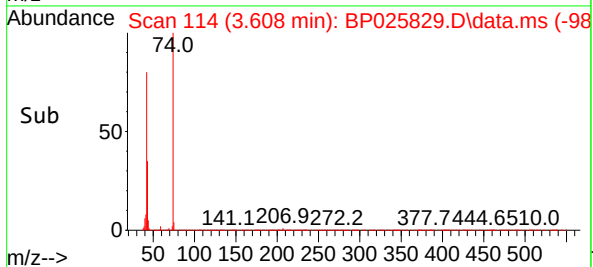
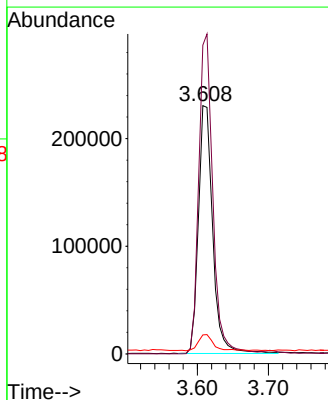
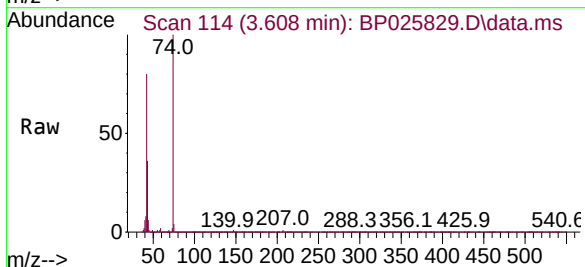
Instrument :
BNA_P
ClientSampleId :
PB169774BS

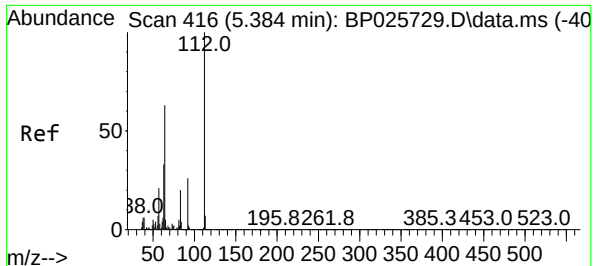
Tgt Ion: 79 Resp: 565178
Ion Ratio Lower Upper
79 100
52 77.7 63.7 95.5
51 38.4 32.4 48.6



#4
n-Nitrosodimethylamine
Concen: 39.268 ng
RT: 3.608 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion: 42 Resp: 321046
Ion Ratio Lower Upper
42 100
74 124.3 99.2 148.8
44 7.6 6.4 9.6

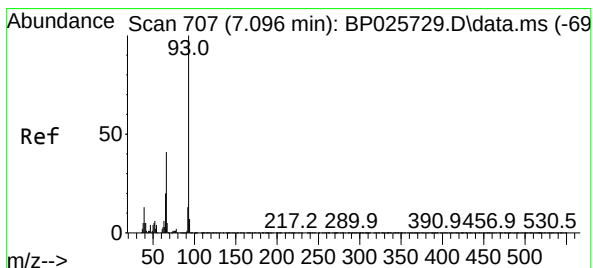
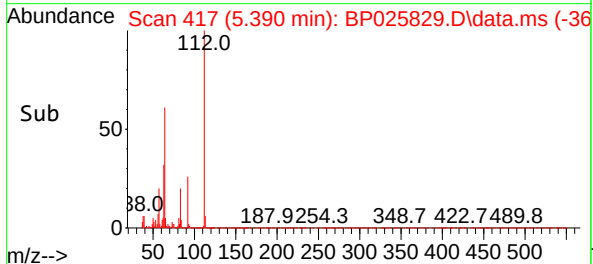
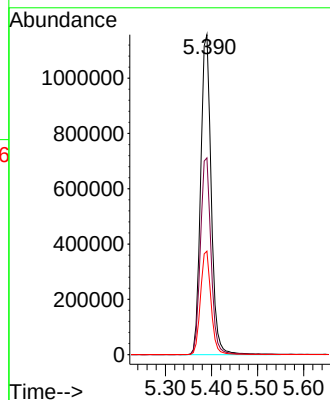
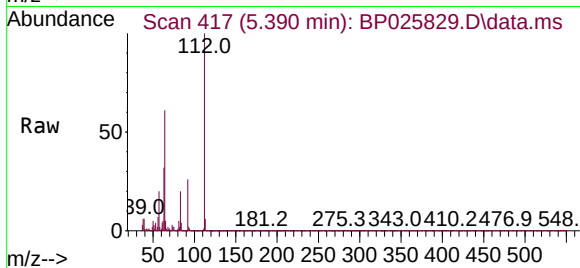




#5
2-Fluorophenol
Concen: 122.080 ng
RT: 5.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

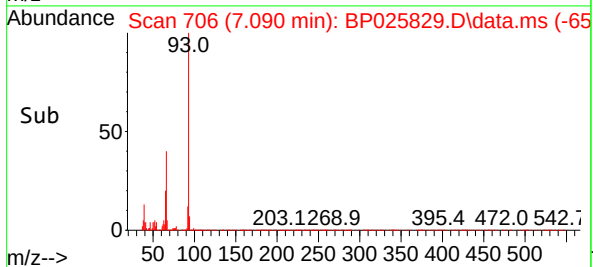
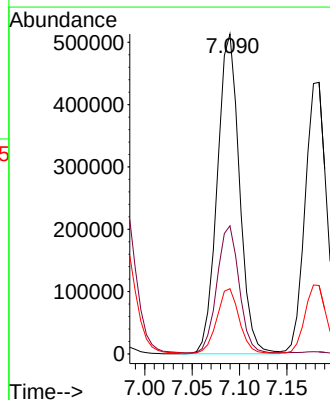
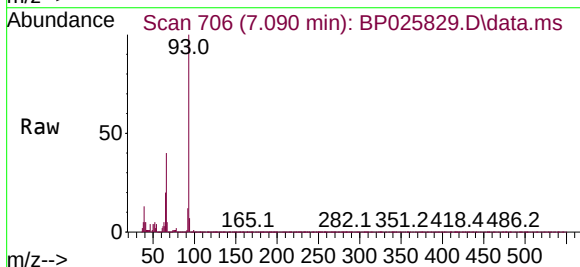
Instrument :
BNA_P
ClientSampleId :
PB169774BS

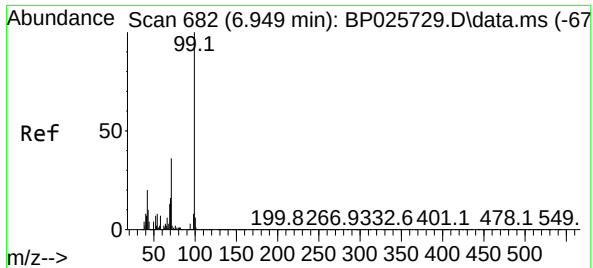
Tgt Ion:112 Resp: 1830257
Ion Ratio Lower Upper
112 100
64 61.5 50.2 75.4
63 32.3 26.7 40.1



#6
Aniline
Concen: 30.626 ng
RT: 7.090 min Scan# 706
Delta R.T. -0.006 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion: 93 Resp: 837788
Ion Ratio Lower Upper
93 100
66 40.0 32.6 49.0
65 20.4 16.2 24.2

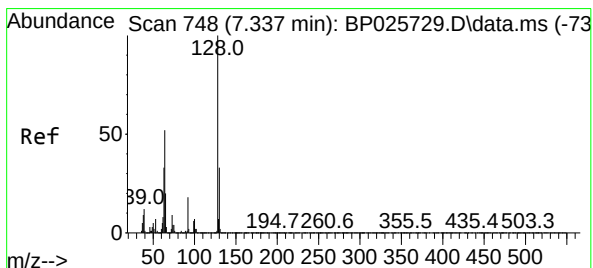
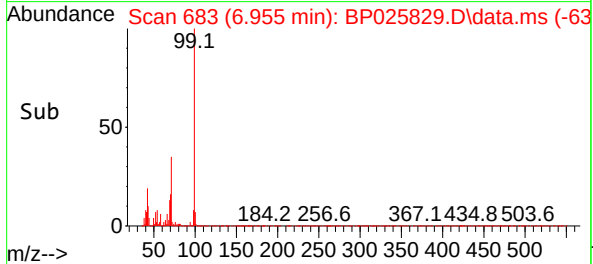
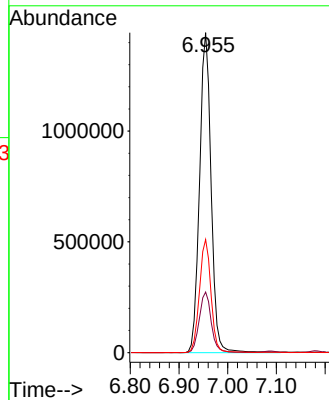
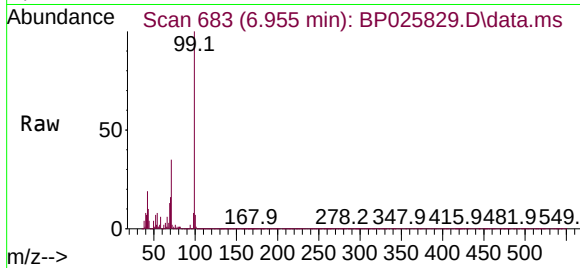




#7
Phenol-d6
Concen: 118.740 ng
RT: 6.955 min Scan# 682
Delta R.T. 0.006 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

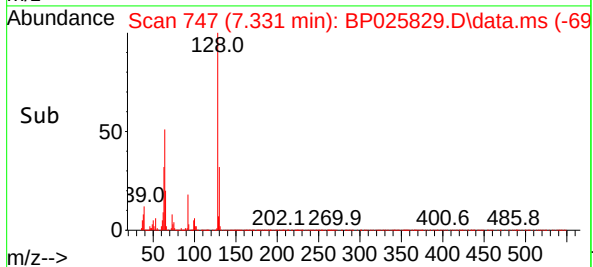
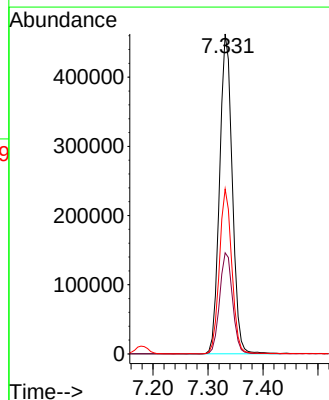
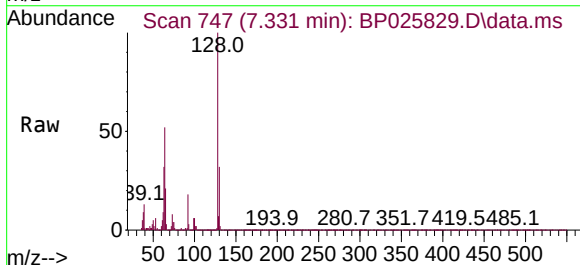
Instrument :
BNA_P
ClientSampleId :
PB169774BS

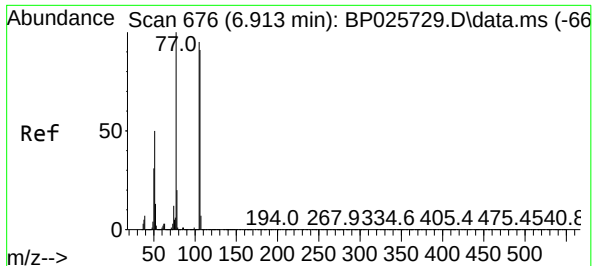
Tgt Ion: 99 Resp: 2366182
Ion Ratio Lower Upper
99 100
42 18.9 15.6 23.4
71 35.3 28.6 43.0



#8
2-Chlorophenol
Concen: 44.949 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion: 128 Resp: 739270
Ion Ratio Lower Upper
128 100
130 31.6 12.6 52.6
64 51.5 31.6 71.6

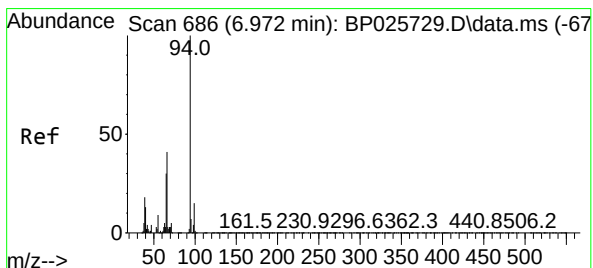
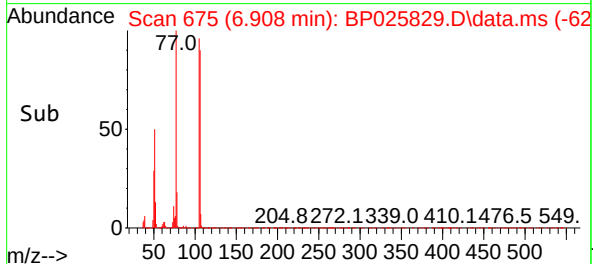
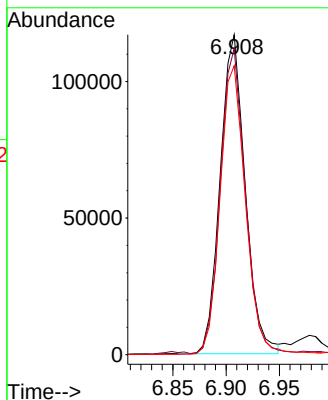
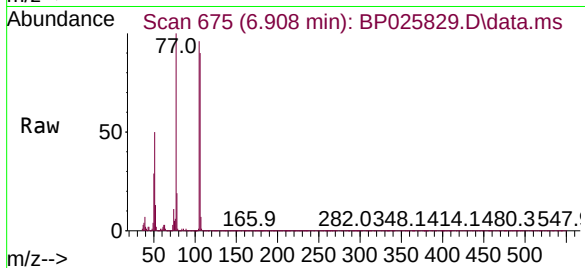




#9
Benzaldehyde
Concen: 15.977 ng
RT: 6.908 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

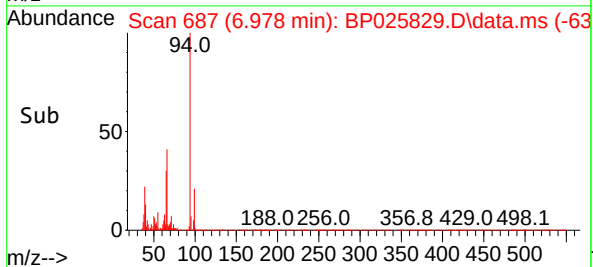
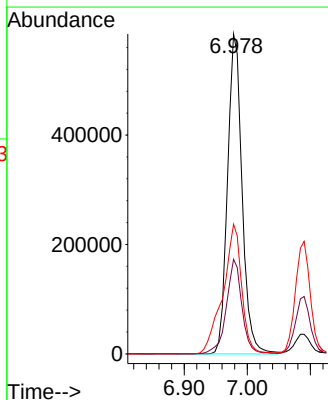
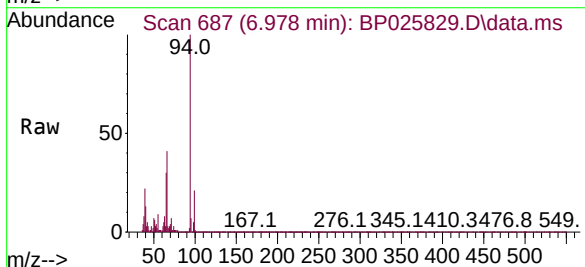
Instrument :
BNA_P
ClientSampleId :
PB169774BS

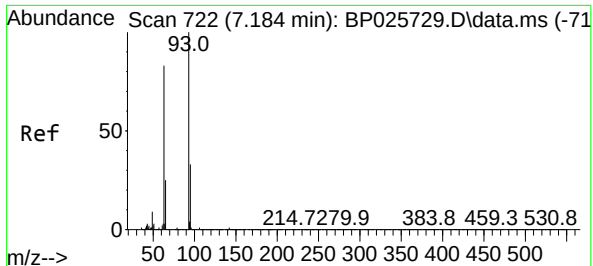
Tgt Ion: 77 Resp: 190835
Ion Ratio Lower Upper
77 100
105 95.6 75.2 115.2
106 90.3 71.3 111.3



#10
Phenol
Concen: 44.492 ng
RT: 6.978 min Scan# 687
Delta R.T. 0.006 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion: 94 Resp: 934880
Ion Ratio Lower Upper
94 100
65 29.6 10.2 50.2
66 40.5 21.4 61.4

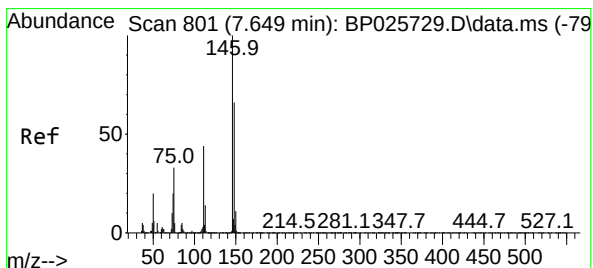
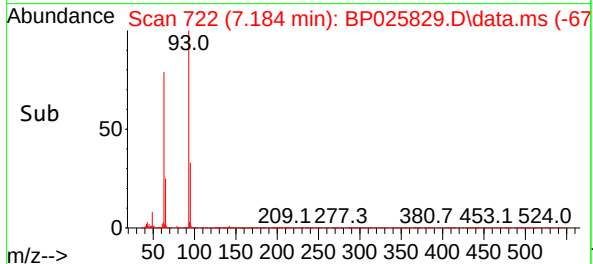
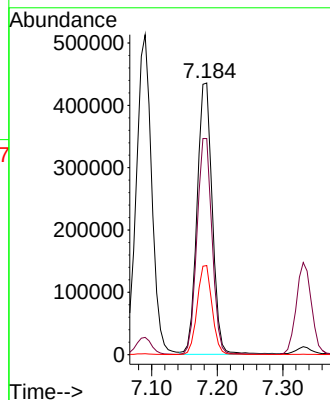
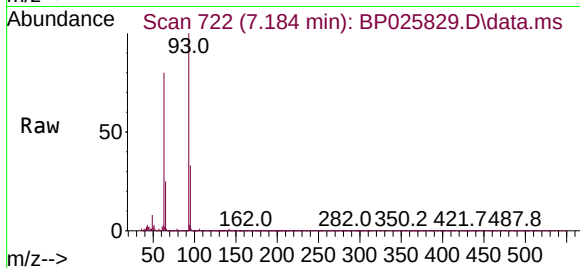




#11
bis(2-Chloroethyl)ether
Concen: 41.404 ng
RT: 7.184 min Scan# 711
Delta R.T. -0.000 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

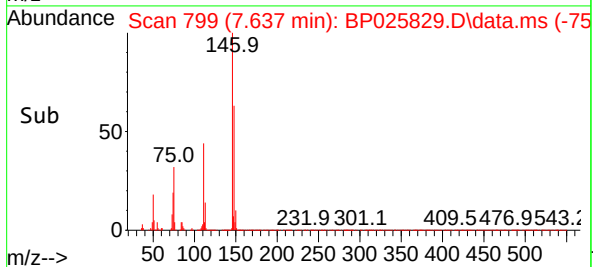
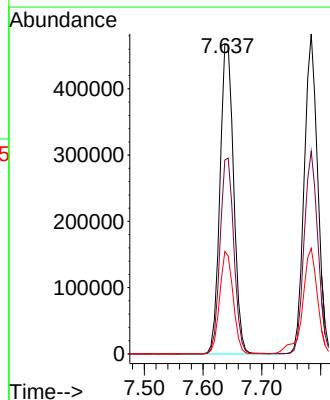
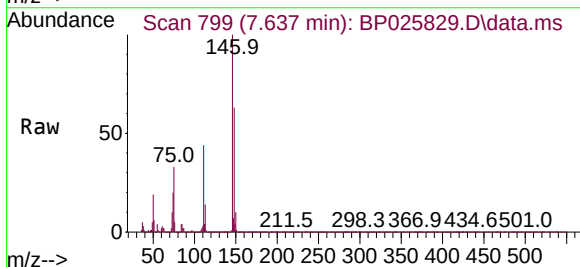
Instrument :
BNA_P
ClientSampleId :
PB169774BS

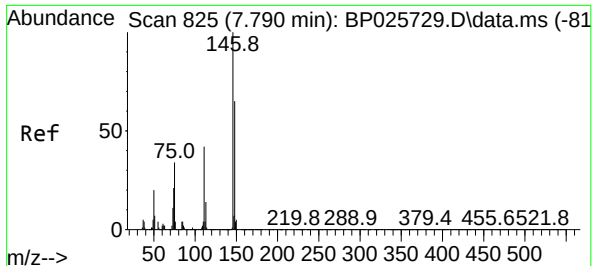
Tgt Ion: 93 Resp: 698972
Ion Ratio Lower Upper
93 100
63 79.6 62.6 102.6
95 32.8 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 40.361 ng
RT: 7.637 min Scan# 799
Delta R.T. -0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion:146 Resp: 755512
Ion Ratio Lower Upper
146 100
148 62.6 52.7 79.1
75 33.1 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 40.288 ng

RT: 7.784 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

BNA_P

ClientSampleId :

PB169774BS

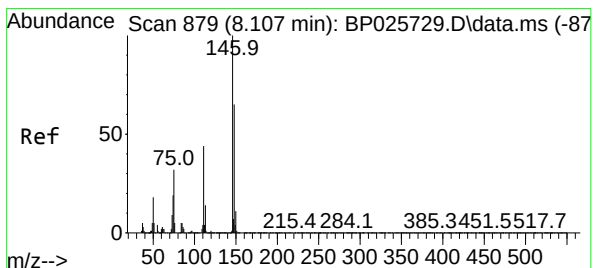
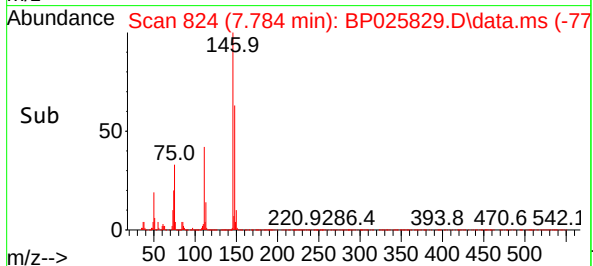
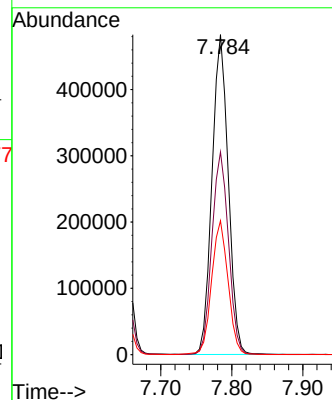
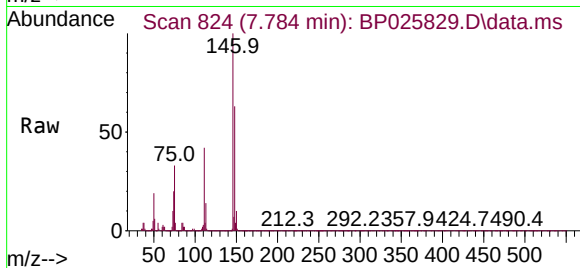
Tgt Ion:146 Resp: 768201

Ion Ratio Lower Upper

146 100

148 63.3 52.0 78.0

111 41.8 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 40.459 ng

RT: 8.096 min Scan# 877

Delta R.T. -0.012 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

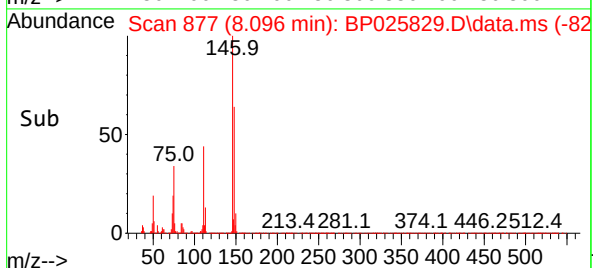
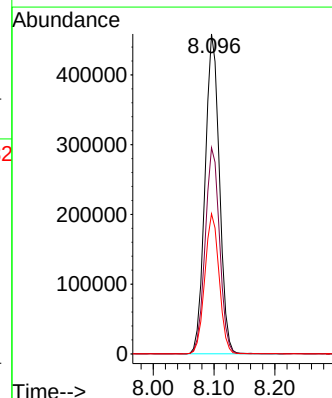
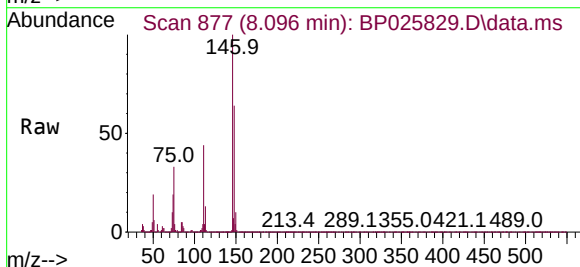
Tgt Ion:146 Resp: 749457

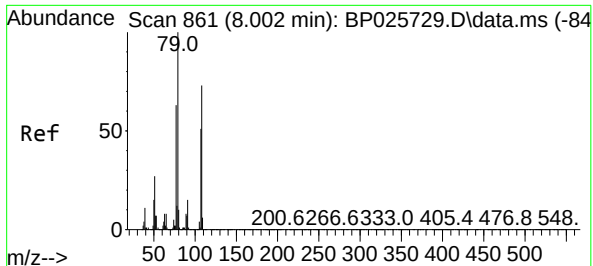
Ion Ratio Lower Upper

146 100

148 64.4 51.7 77.5

111 43.8 35.5 53.3





#15

Benzyl Alcohol

Concen: 42.093 ng

RT: 7.996 min Scan# 80

Delta R.T. -0.006 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

BNA_P

ClientSampleId :

PB169774BS

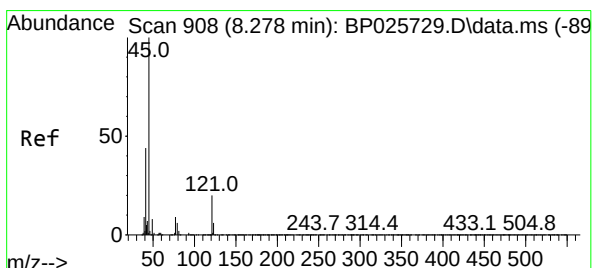
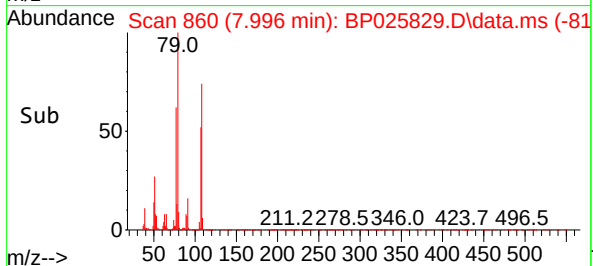
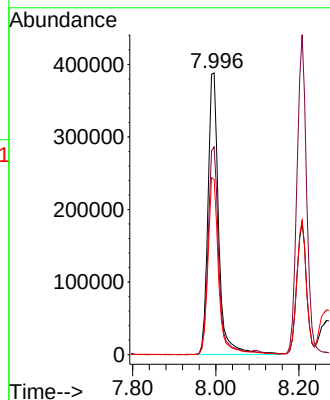
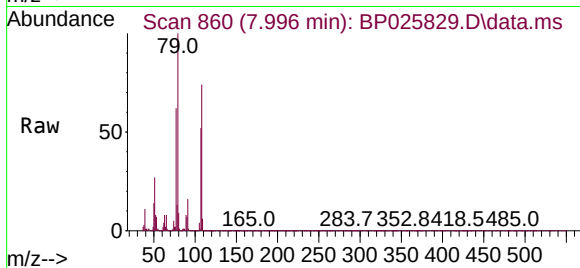
Tgt Ion: 79 Resp: 693124

Ion Ratio Lower Upper

79 100

108 73.7 58.7 88.1

77 62.2 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.431 ng

RT: 8.266 min Scan# 906

Delta R.T. -0.012 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

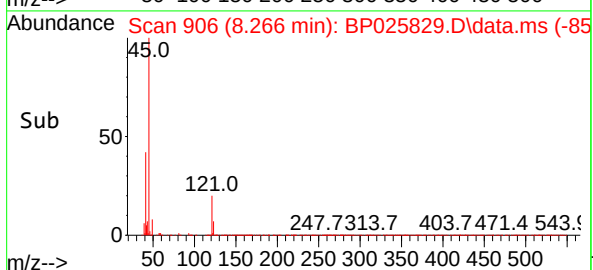
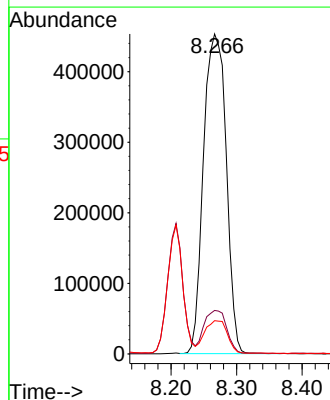
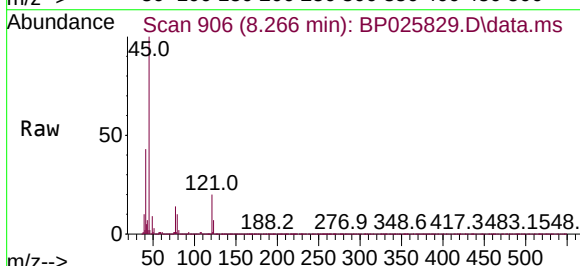
Tgt Ion: 45 Resp: 1088593

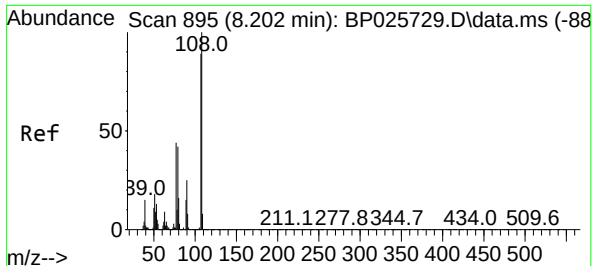
Ion Ratio Lower Upper

45 100

77 13.6 0.0 33.1

79 10.4 0.0 30.0

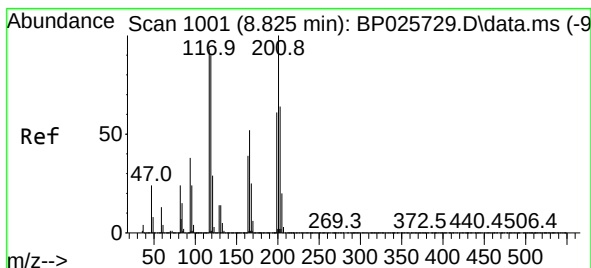
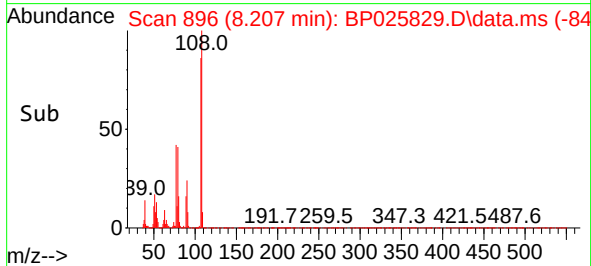
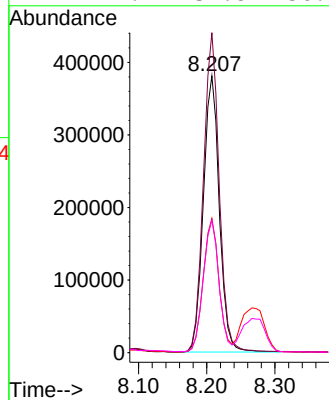
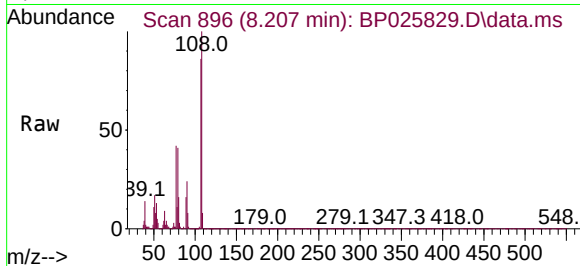




#17
2-Methylphenol
Concen: 43.847 ng
RT: 8.207 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

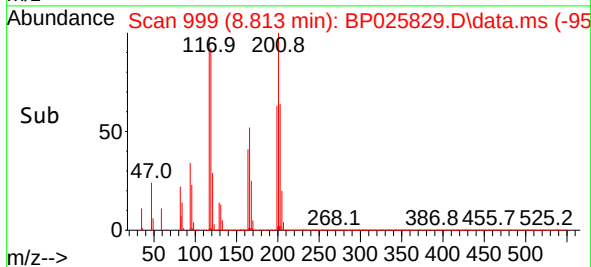
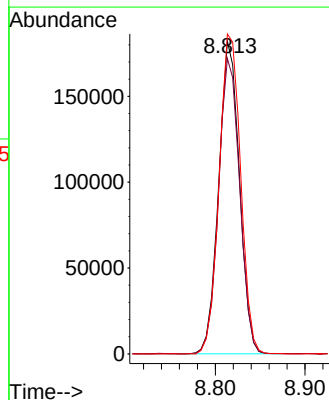
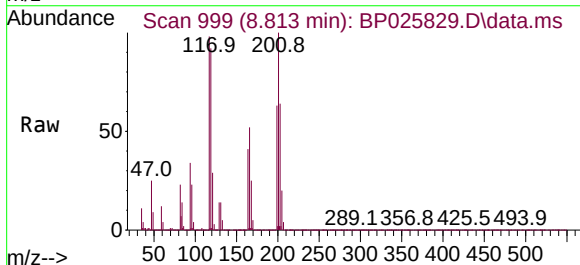
Instrument :
BNA_P
ClientSampleId :
PB169774BS

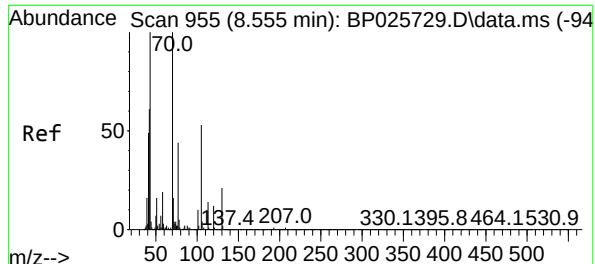
Tgt Ion:107 Resp: 621168
Ion Ratio Lower Upper
107 100
108 115.7 89.6 134.4
77 48.5 39.3 58.9
79 47.9 37.8 56.6



#18
Hexachloroethane
Concen: 40.185 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion:117 Resp: 292678
Ion Ratio Lower Upper
117 100
119 94.5 77.1 115.7
201 102.4 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 40.576 ng

RT: 8.549 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

BNA_P

ClientSampleId :

PB169774BS

Tgt Ion: 70 Resp: 563967

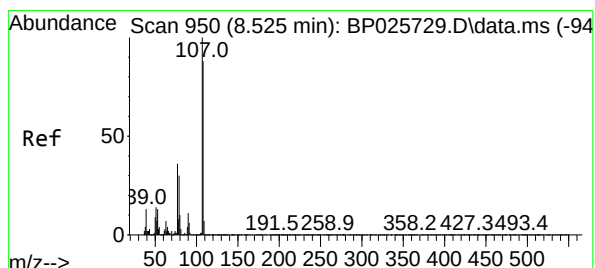
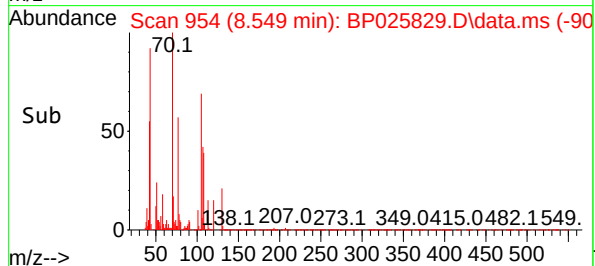
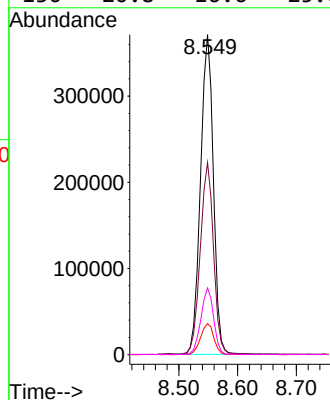
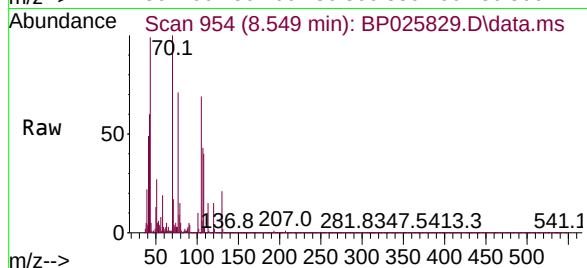
Ion Ratio Lower Upper

70 100

42 60.0 49.0 73.4

101 9.7 7.9 11.9

130 20.8 16.6 25.0



#20

3+4-Methylphenols

Concen: 42.538 ng

RT: 8.531 min Scan# 951

Delta R.T. 0.006 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Tgt Ion: 107 Resp: 843947

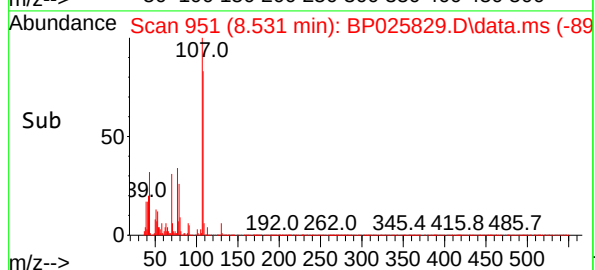
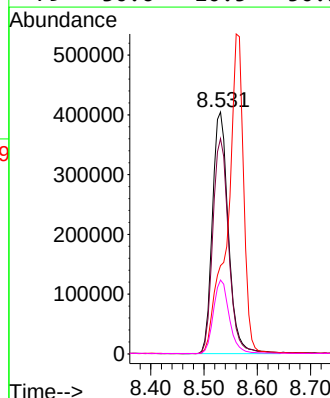
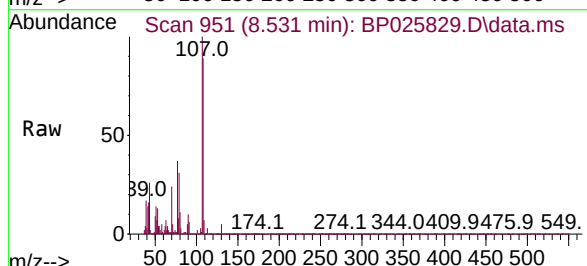
Ion Ratio Lower Upper

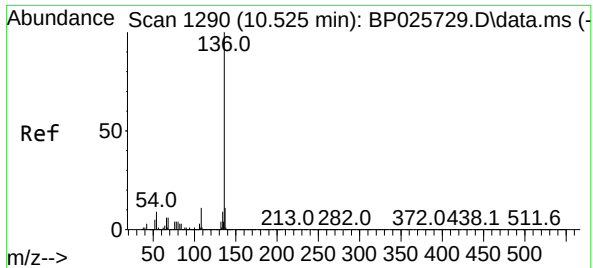
107 100

108 89.0 67.8 107.8

77 36.5 16.1 56.1

79 30.6 10.5 50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.519 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

BNA_P

ClientSampleId :

PB169774BS

Tgt Ion:136 Resp: 991516

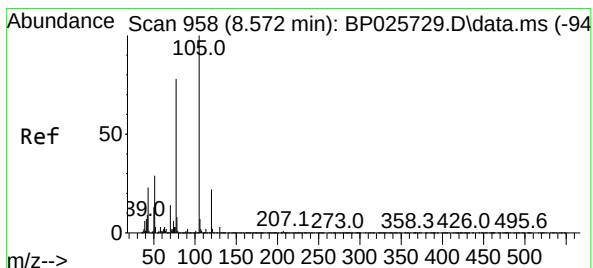
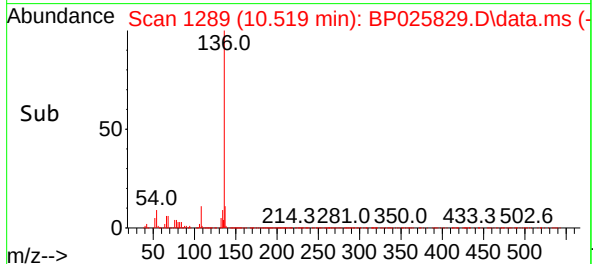
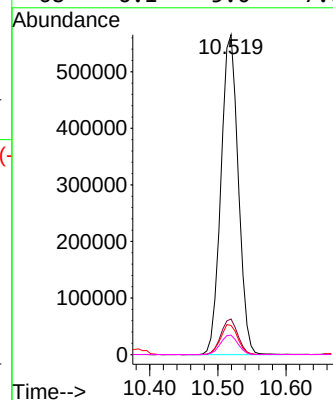
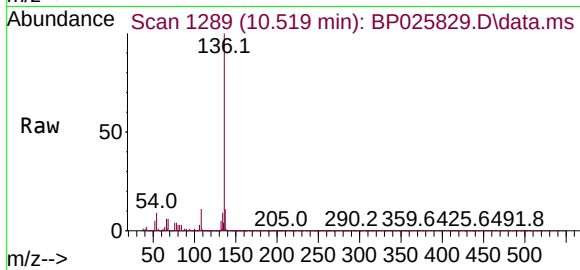
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.1 7.5 11.3

68 6.1 5.0 7.6



#22

Acetophenone

Concen: 41.184 ng

RT: 8.566 min Scan# 957

Delta R.T. -0.006 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Tgt Ion:105 Resp: 1091248

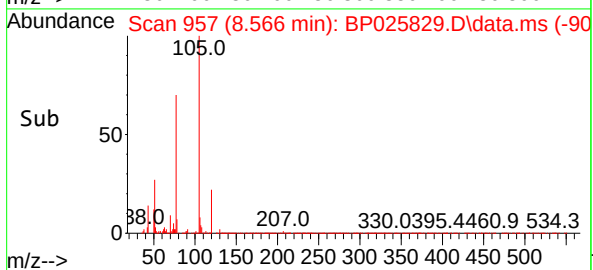
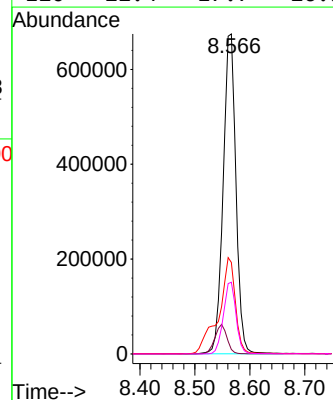
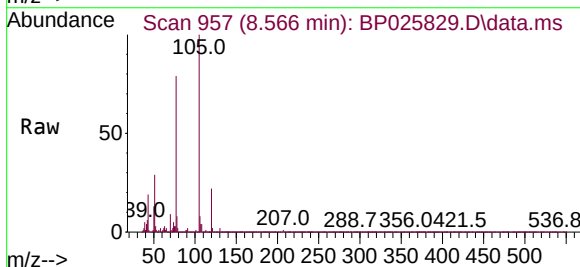
Ion Ratio Lower Upper

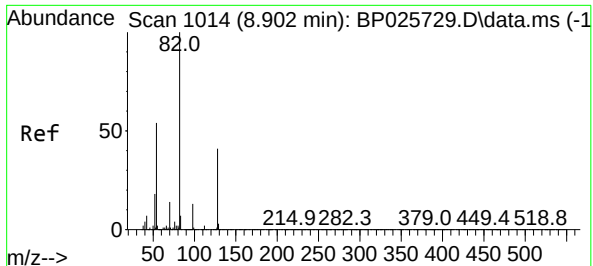
105 100

71 1.4 1.8 2.8

51 28.6 23.5 35.3

120 22.4 17.7 26.5

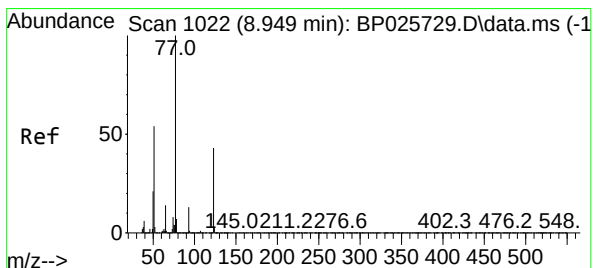
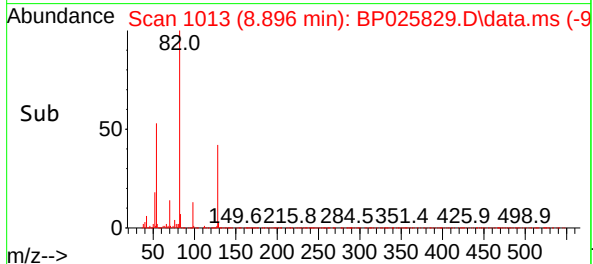
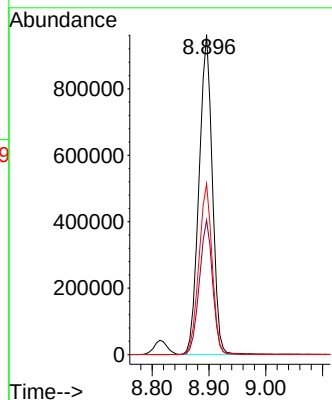
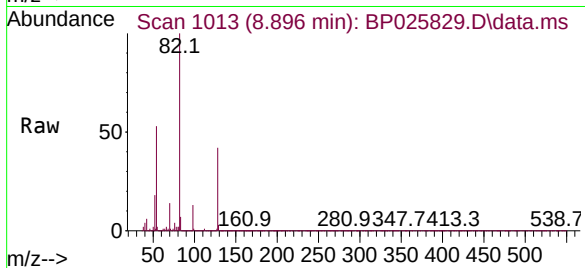




#23
Nitrobenzene-d5
Concen: 69.304 ng
RT: 8.896 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

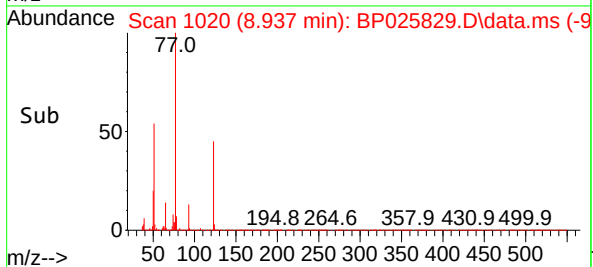
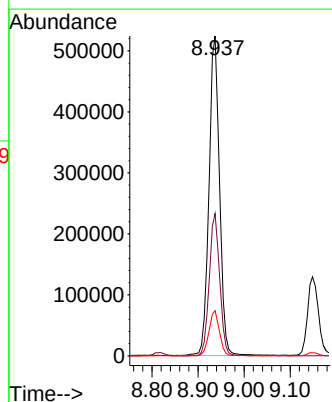
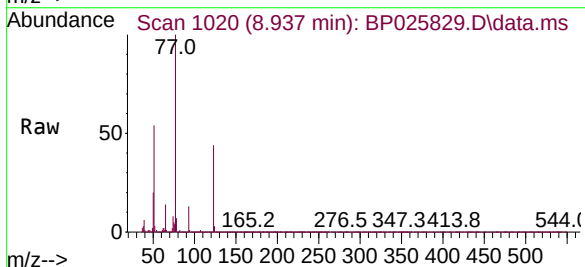
Instrument :
BNA_P
ClientSampleId :
PB169774BS

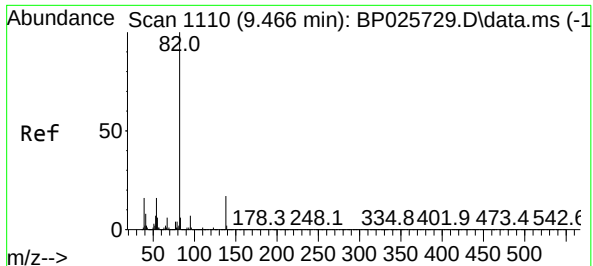
Tgt Ion: 82 Resp: 1557808
Ion Ratio Lower Upper
82 100
128 42.0 32.9 49.3
54 53.4 43.4 65.2



#24
Nitrobenzene
Concen: 41.062 ng
RT: 8.937 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion: 77 Resp: 828000
Ion Ratio Lower Upper
77 100
123 44.5 34.4 51.6
65 14.1 10.8 16.2

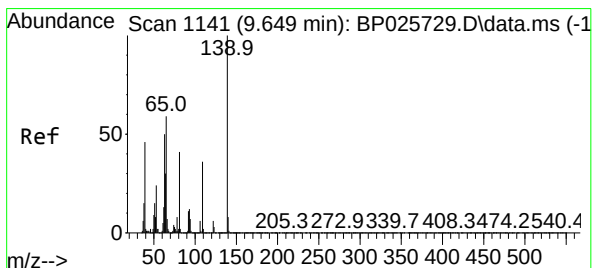
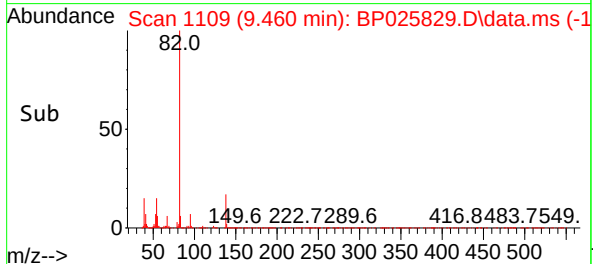
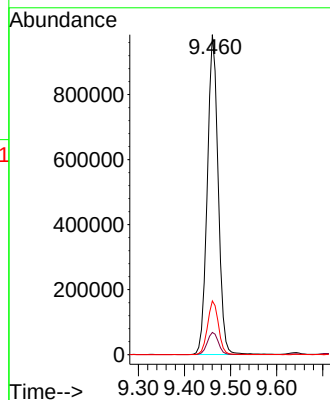
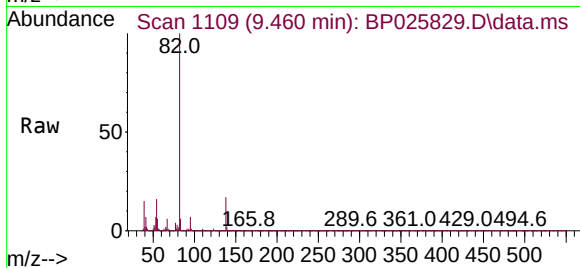




#25
Isophorone
Concen: 40.525 ng
RT: 9.460 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

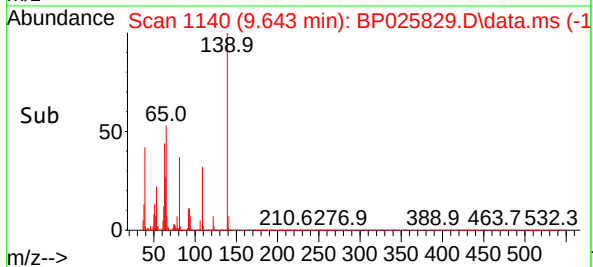
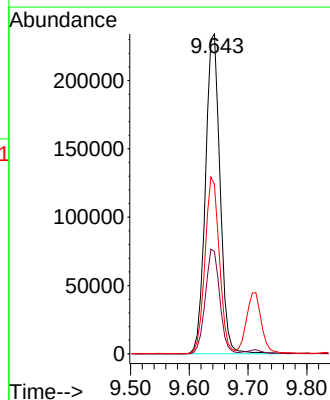
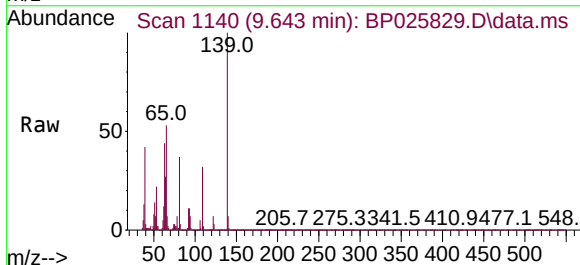
Instrument :
BNA_P
ClientSampleId :
PB169774BS

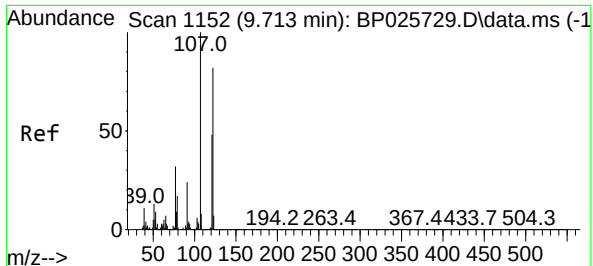
Tgt Ion: 82 Resp: 1601081
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.8
138 16.8 13.5 20.3



#26
2-Nitrophenol
Concen: 45.243 ng
RT: 9.643 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion: 139 Resp: 405058
Ion Ratio Lower Upper
139 100
109 32.0 29.0 43.4
65 52.9 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 44.952 ng

RT: 9.713 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

BNA_P

ClientSampleId :

PB169774BS

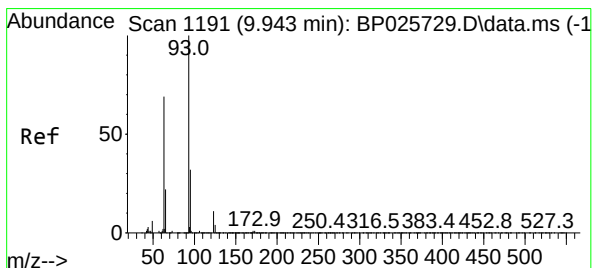
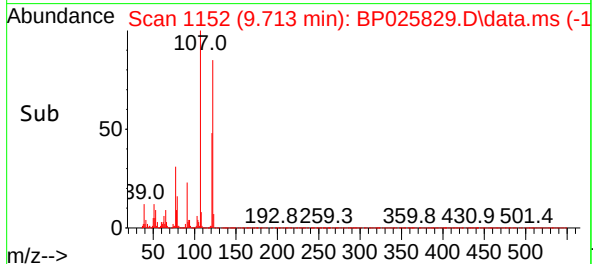
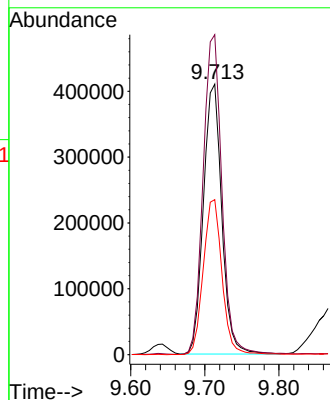
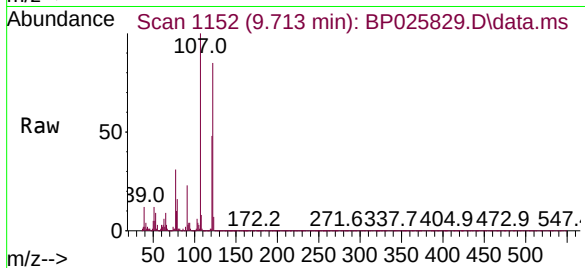
Tgt Ion:122 Resp: 706022

Ion Ratio Lower Upper

122 100

107 118.3 97.9 146.9

121 57.3 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.458 ng

RT: 9.925 min Scan# 1188

Delta R.T. -0.018 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

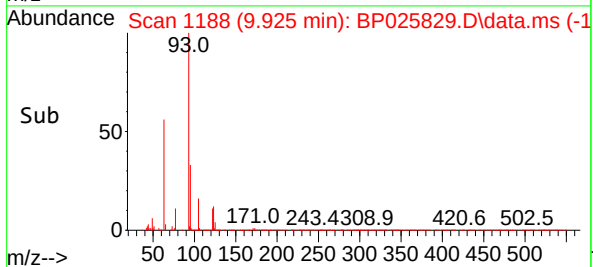
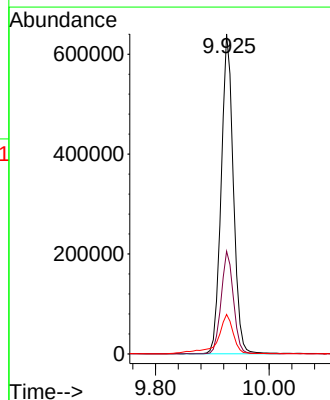
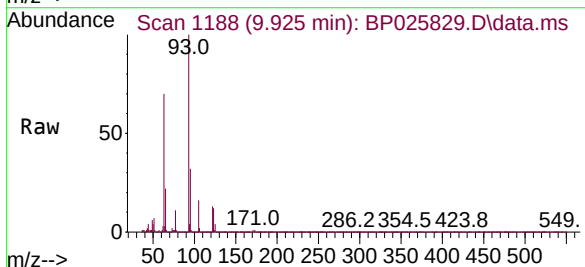
Tgt Ion: 93 Resp: 946822

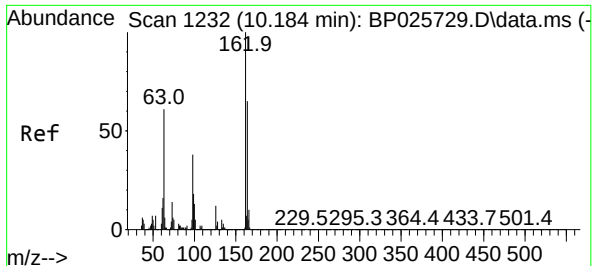
Ion Ratio Lower Upper

93 100

95 32.1 25.6 38.4

123 12.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 45.747 ng

RT: 10.190 min Scan# 1233

Delta R.T. 0.006 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

BNA_P

ClientSampleId :

PB169774BS

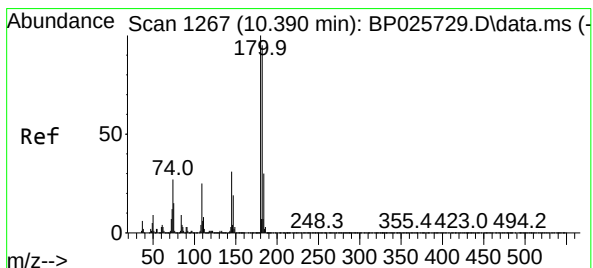
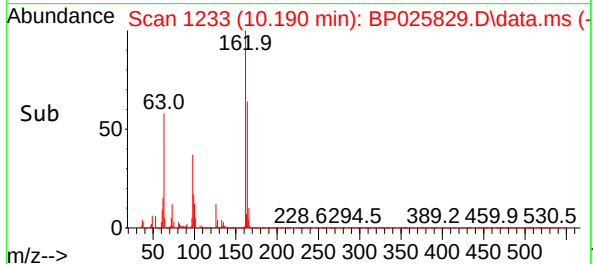
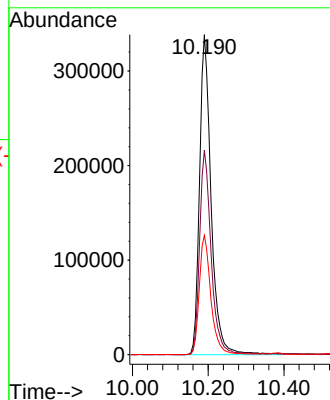
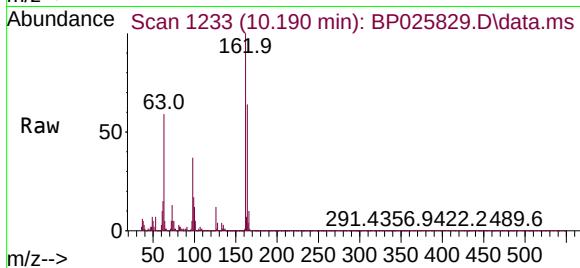
Tgt Ion:162 Resp: 716400

Ion Ratio Lower Upper

162 100

164 63.8 44.7 84.7

98 37.3 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 41.630 ng

RT: 10.384 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

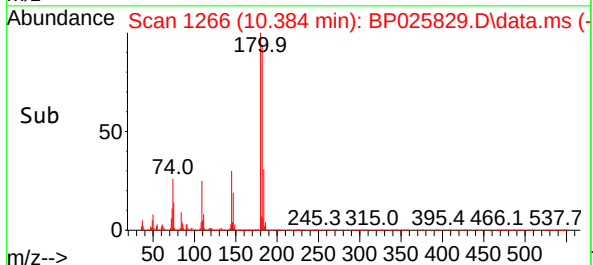
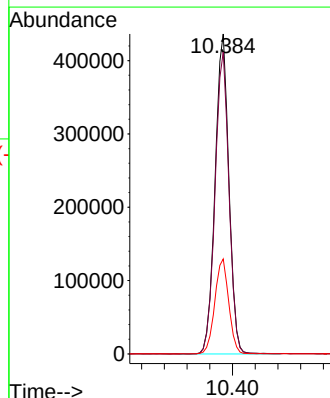
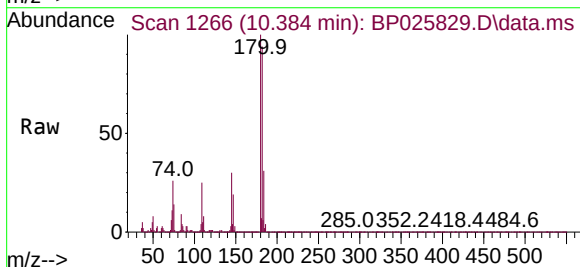
Tgt Ion:180 Resp: 734720

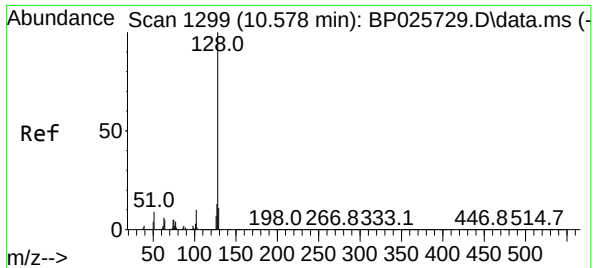
Ion Ratio Lower Upper

180 100

182 94.3 76.0 114.0

145 29.7 24.7 37.1

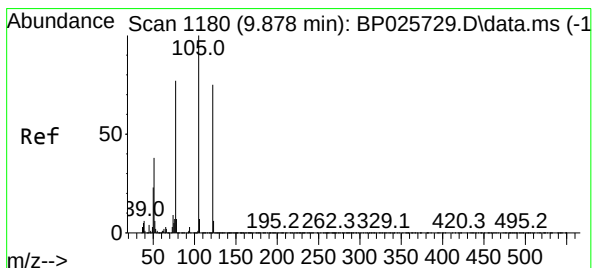
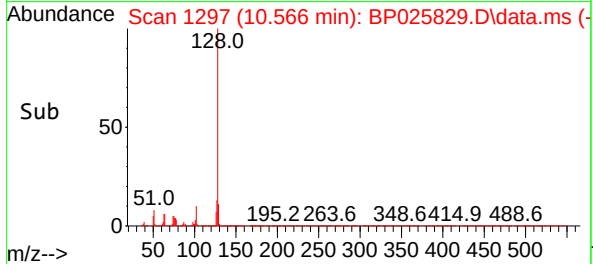
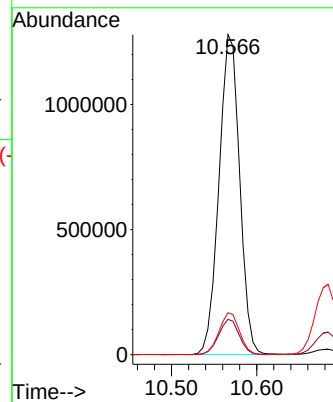
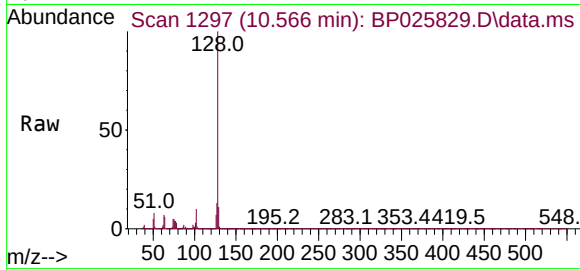




#31
Naphthalene
Concen: 40.269 ng
RT: 10.566 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

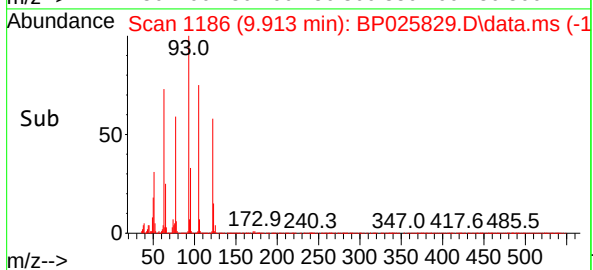
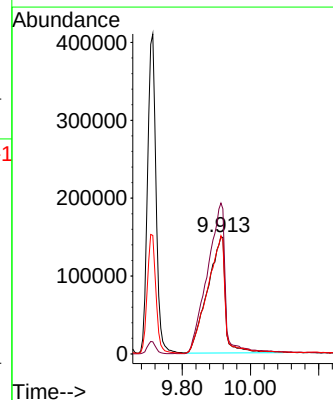
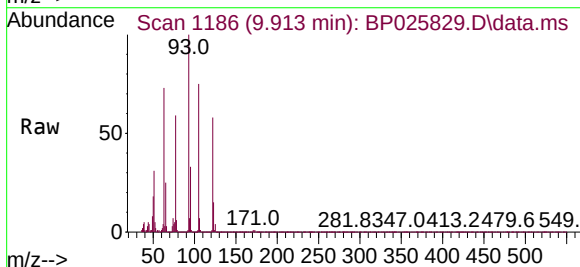
Instrument :
BNA_P
ClientSampleId :
PB169774BS

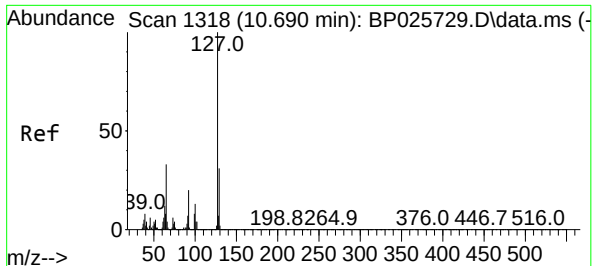
Tgt Ion:128 Resp: 2152887
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 47.343 ng
RT: 9.913 min Scan# 1186
Delta R.T. 0.035 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion:122 Resp: 552842
Ion Ratio Lower Upper
122 100
105 128.9 111.5 151.5
77 101.0 81.8 121.8

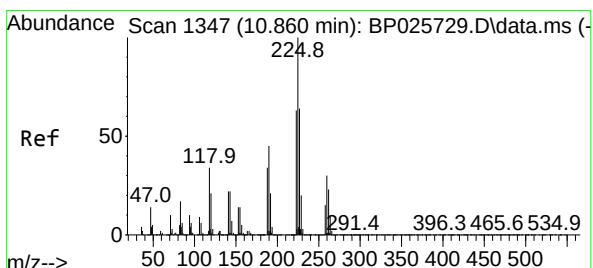
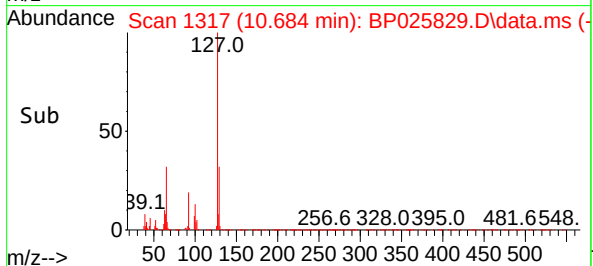
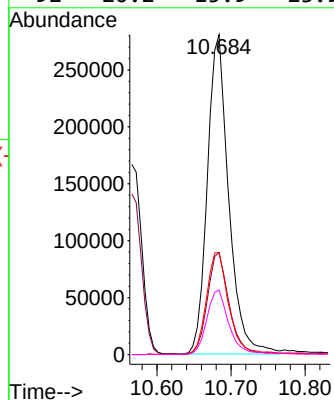
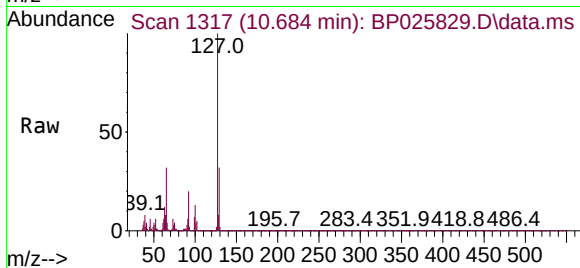




#33
4-Chloroaniline
Concen: 25.289 ng
RT: 10.684 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

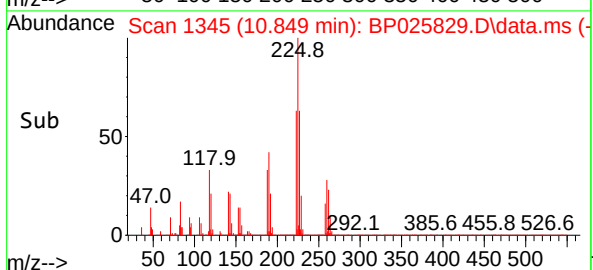
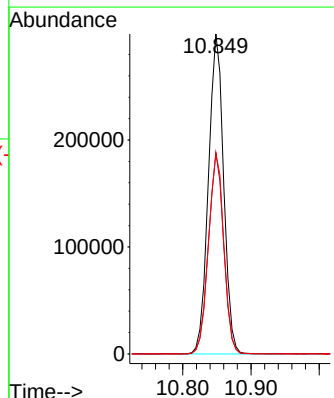
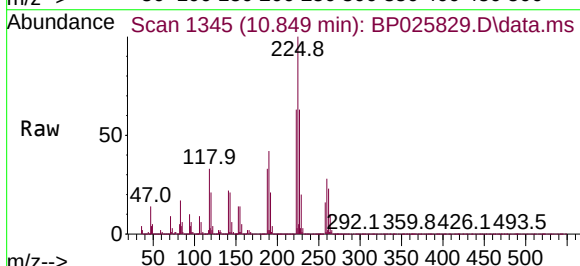
Instrument :
BNA_P
ClientSampleId :
PB169774BS

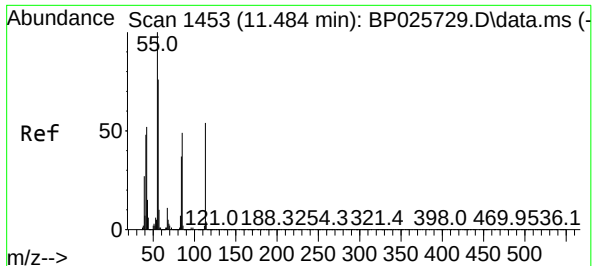
Tgt Ion:	127	Resp:	563526
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.1	37.7
65	31.9	26.4	39.6
92	20.2	15.9	23.9



#34
Hexachlorobutadiene
Concen: 40.731 ng
RT: 10.849 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion:	225	Resp:	462758
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.1	75.1
227	62.6	51.2	76.8

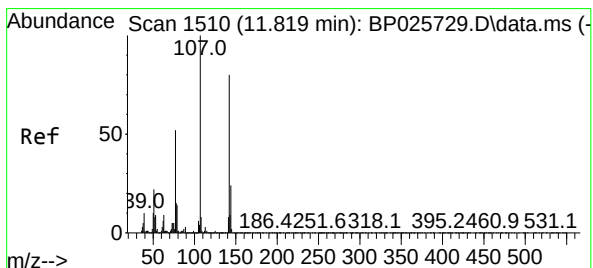
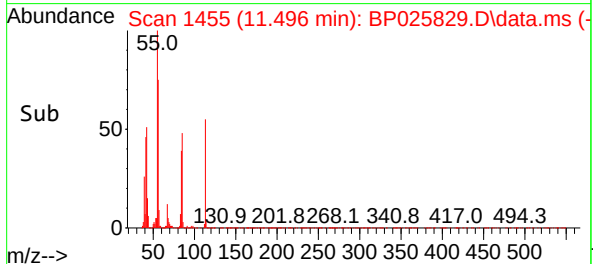
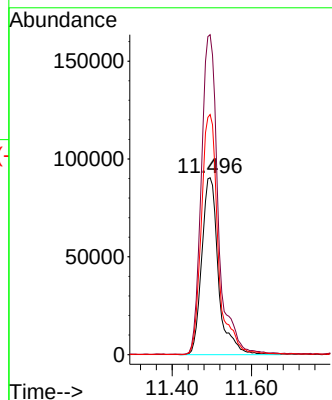
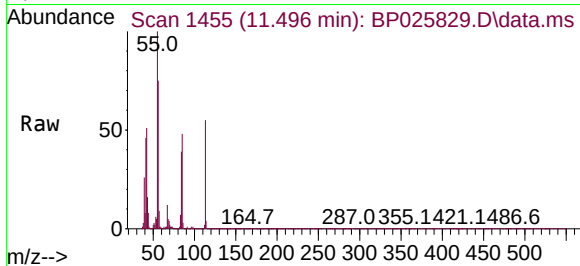




#35
Caprolactam
Concen: 43.752 ng
RT: 11.496 min Scan# 1453
Delta R.T. 0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

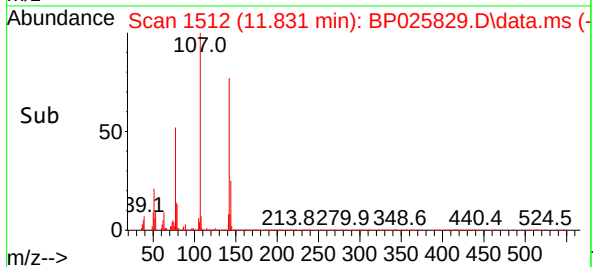
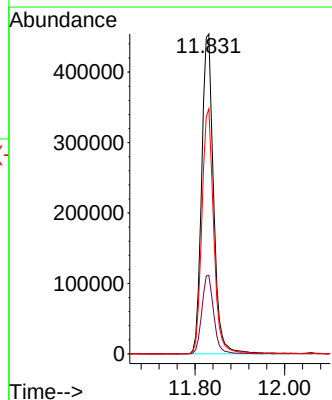
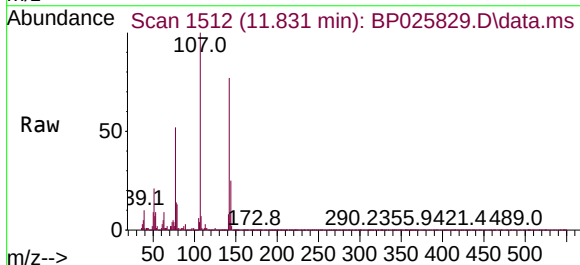
Instrument :
BNA_P
ClientSampleId :
PB169774BS

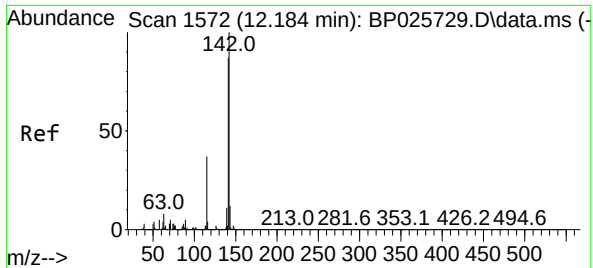
Tgt Ion:113 Resp: 264114
Ion Ratio Lower Upper
113 100
55 180.9 165.5 205.5
56 135.7 121.1 161.1



#36
4-Chloro-3-methylphenol
Concen: 44.714 ng
RT: 11.831 min Scan# 1512
Delta R.T. 0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion:107 Resp: 834826
Ion Ratio Lower Upper
107 100
144 24.5 19.4 29.2
142 76.6 63.8 95.6





#37

2-Methylnaphthalene

Concen: 41.134 ng

RT: 12.178 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

BNA_P

ClientSampleId :

PB169774BS

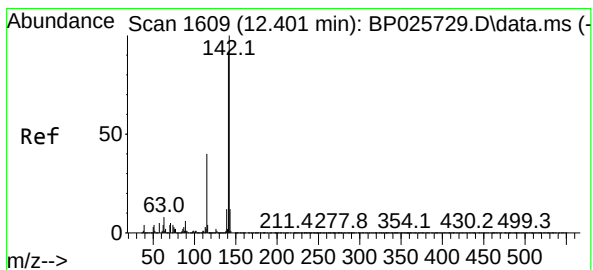
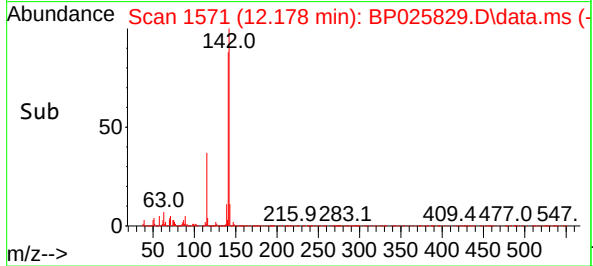
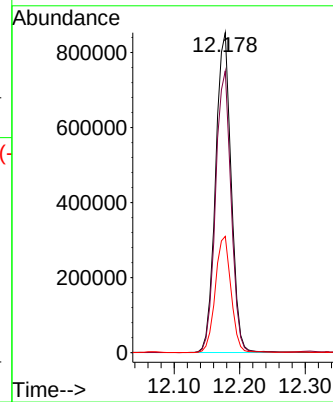
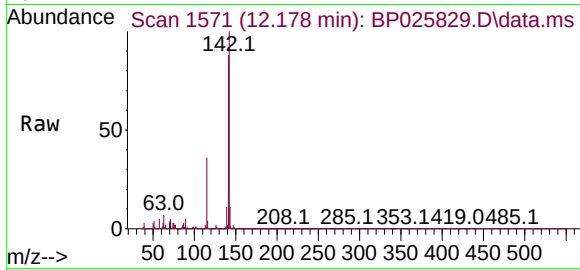
Tgt Ion:142 Resp: 1412464

Ion Ratio Lower Upper

142 100

141 88.0 69.6 104.4

115 36.3 30.0 45.0



#38

1-Methylnaphthalene

Concen: 40.333 ng

RT: 12.396 min Scan# 1608

Delta R.T. -0.006 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

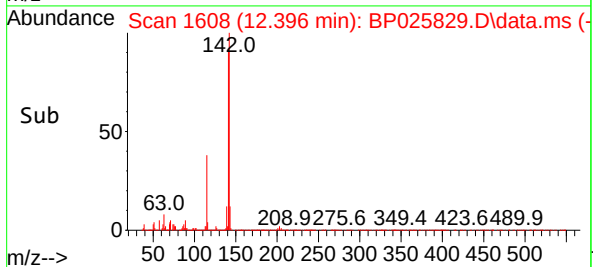
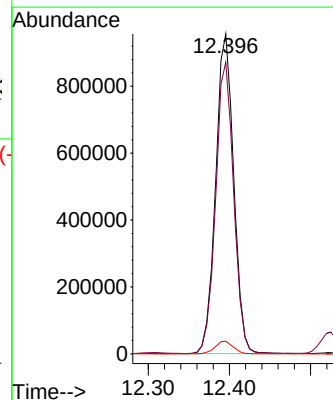
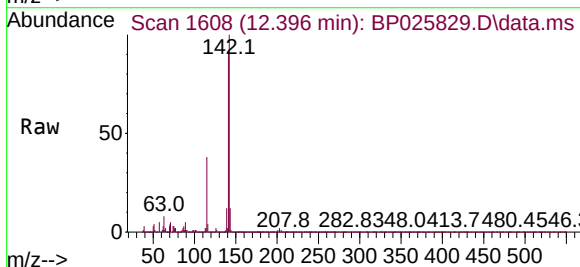
Tgt Ion:142 Resp: 1476903

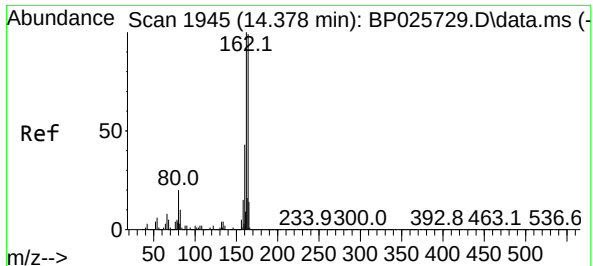
Ion Ratio Lower Upper

142 100

141 91.1 72.7 109.1

116 4.0 3.5 5.3

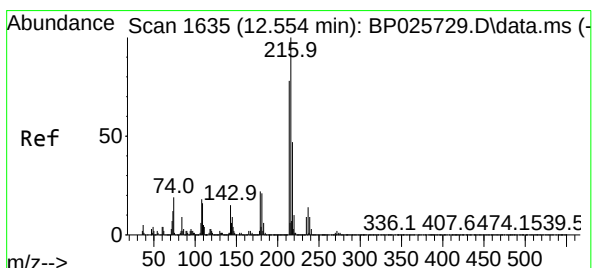
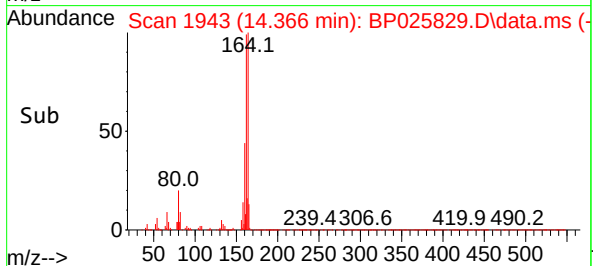
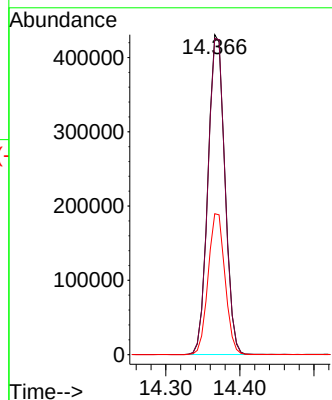
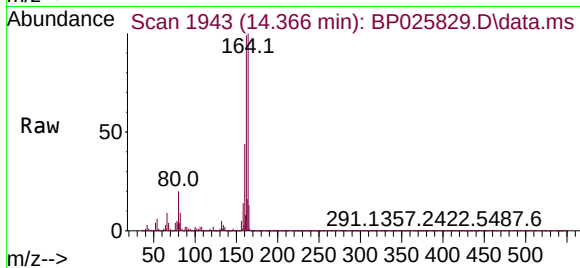




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.366 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

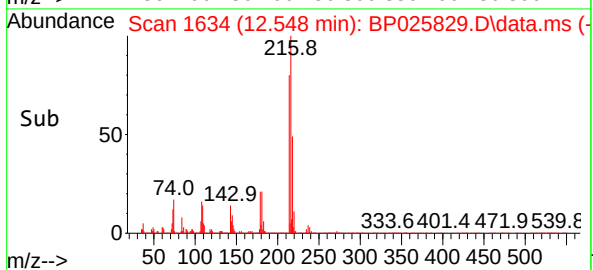
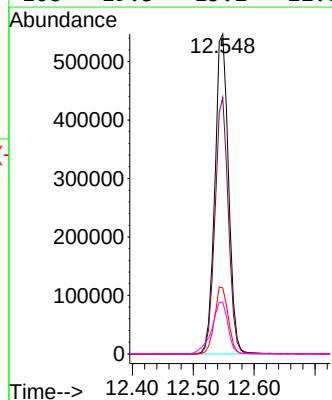
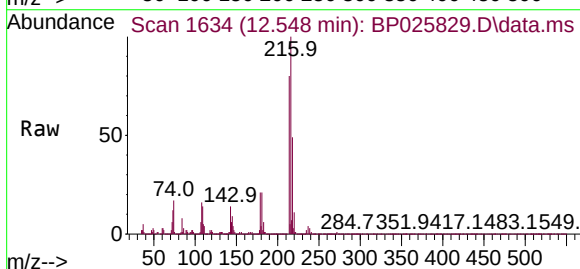
Instrument :
BNA_P
ClientSampleId :
PB169774BS

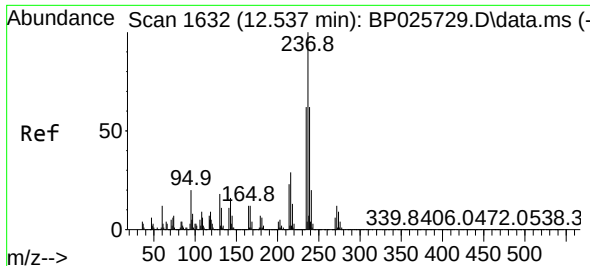
Tgt Ion:164 Resp: 681683
Ion Ratio Lower Upper
164 100
162 98.8 80.6 120.8
160 44.0 35.0 52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.260 ng
RT: 12.548 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion:216 Resp: 852296
Ion Ratio Lower Upper
216 100
214 78.7 62.4 93.6
179 21.0 17.0 25.6
108 19.3 15.2 22.8

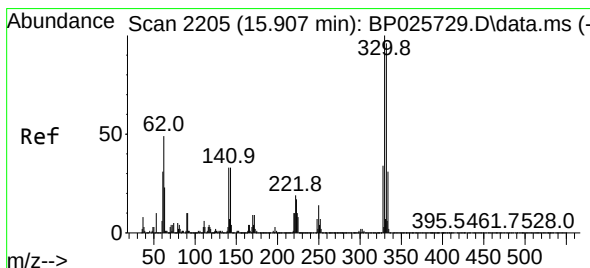
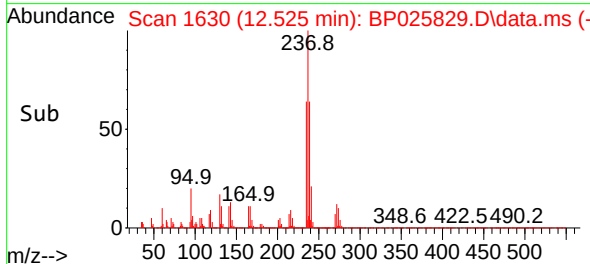
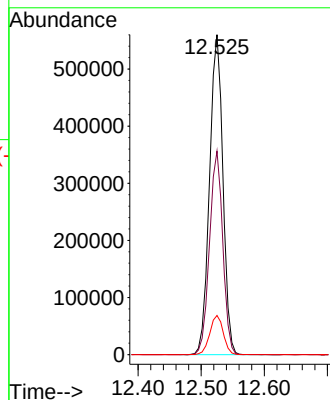
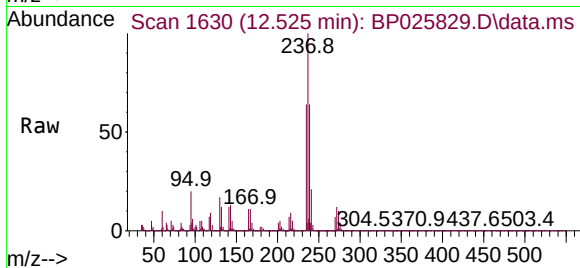




#41
Hexachlorocyclopentadiene
Concen: 73.200 ng
RT: 12.525 min Scan# 1630
Delta R.T. -0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

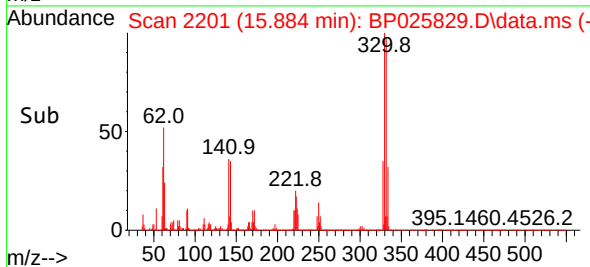
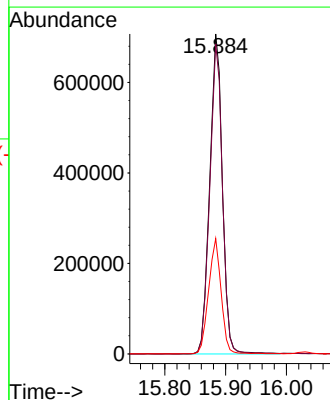
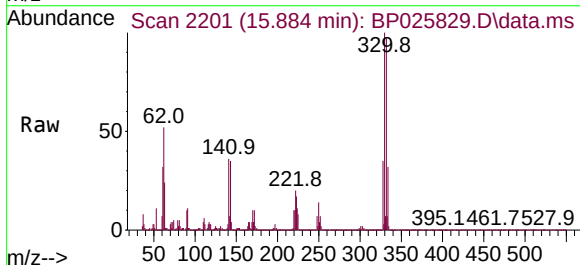
Instrument :
BNA_P
ClientSampleId :
PB169774BS

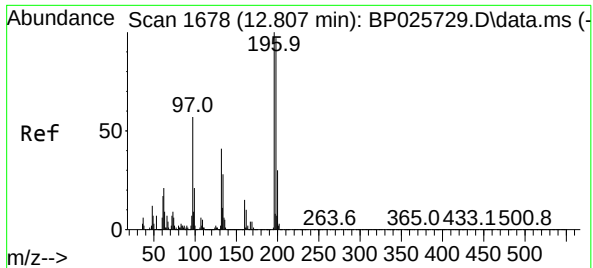
Tgt Ion: 237 Resp: 823538
Ion Ratio Lower Upper
237 100
235 63.6 41.9 81.9
272 12.2 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 119.751 ng
RT: 15.884 min Scan# 2201
Delta R.T. -0.024 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion: 330 Resp: 1018199
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 35.7 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 44.678 ng

RT: 12.795 min Scan# 1676

Delta R.T. -0.012 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

BNA_P

ClientSampleId :

PB169774BS

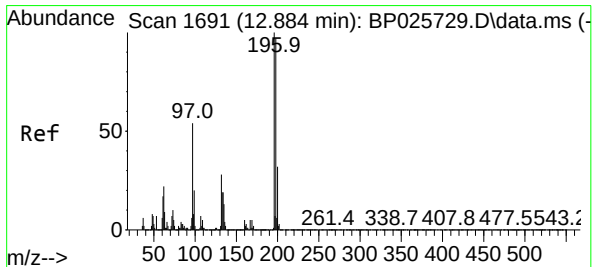
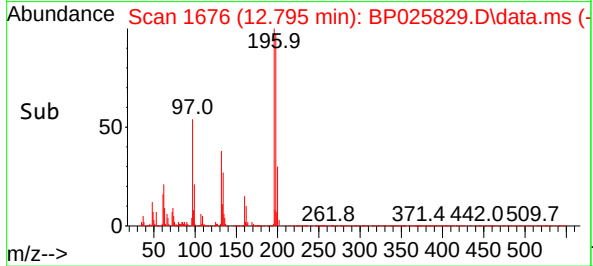
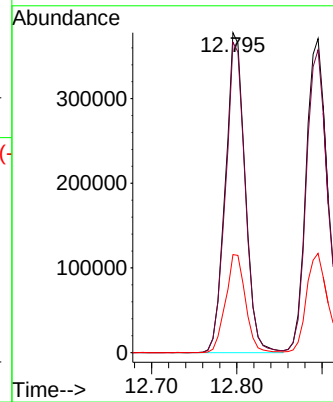
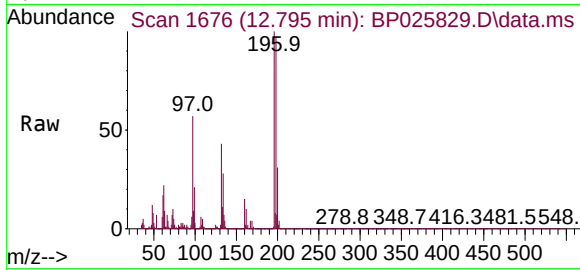
Tgt Ion:196 Resp: 606716

Ion Ratio Lower Upper

196 100

198 97.0 77.2 115.8

200 30.6 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 44.182 ng

RT: 12.895 min Scan# 1693

Delta R.T. 0.012 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Tgt Ion:196 Resp: 667729

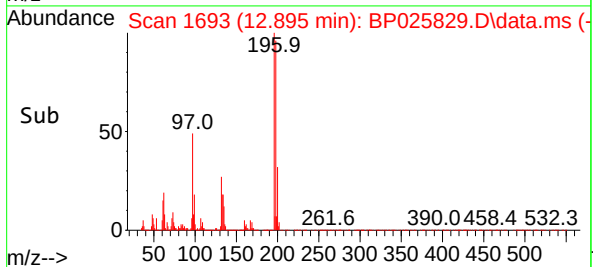
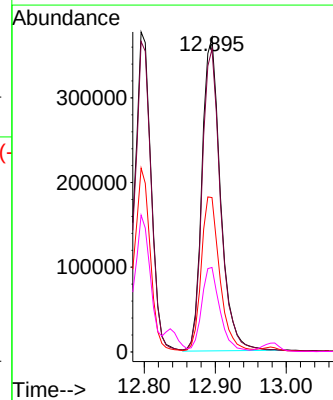
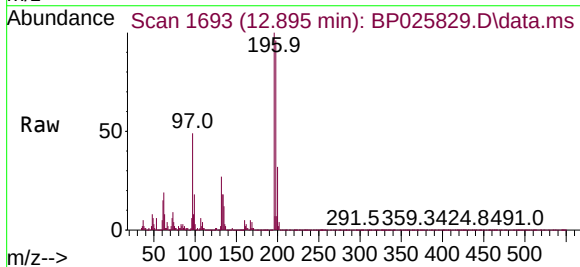
Ion Ratio Lower Upper

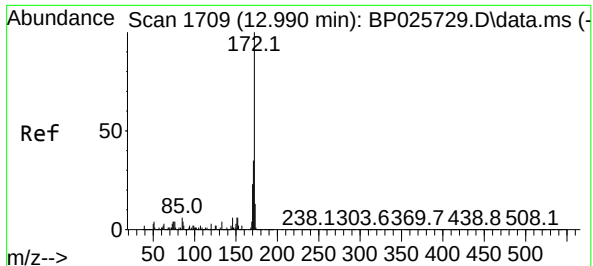
196 100

198 96.5 77.8 116.8

97 49.2 43.3 64.9

132 26.9 22.3 33.5





#45

2-Fluorobiphenyl

Concen: 67.812 ng

RT: 12.978 min Scan# 1707

Delta R.T. -0.012 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

BNA_P

ClientSampleId :

PB169774BS

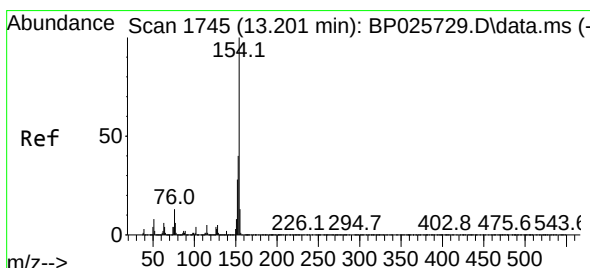
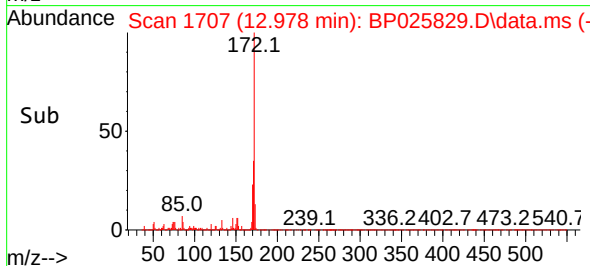
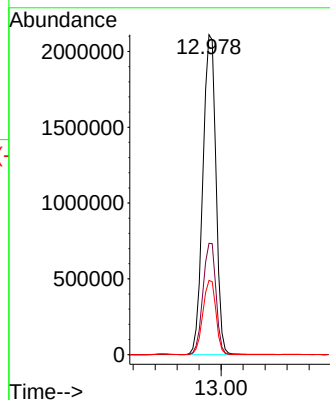
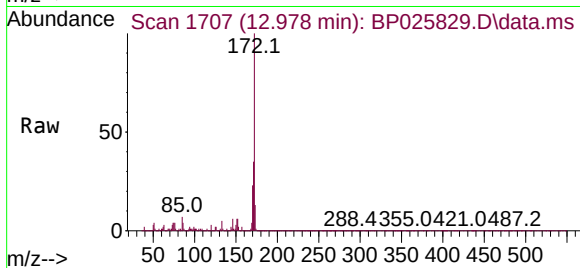
Tgt Ion:172 Resp: 3471744

Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.6

170 23.2 18.6 27.8



#46

1,1'-Biphenyl

Concen: 40.937 ng

RT: 13.190 min Scan# 1743

Delta R.T. -0.012 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

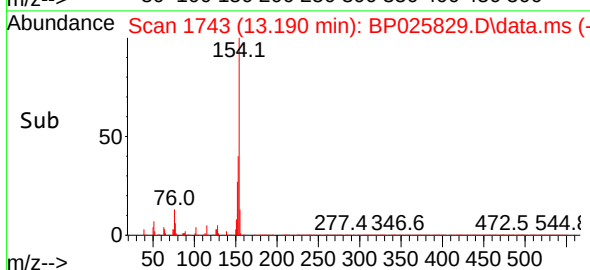
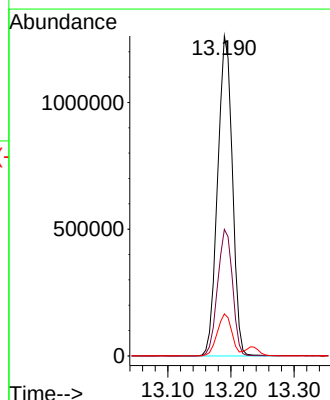
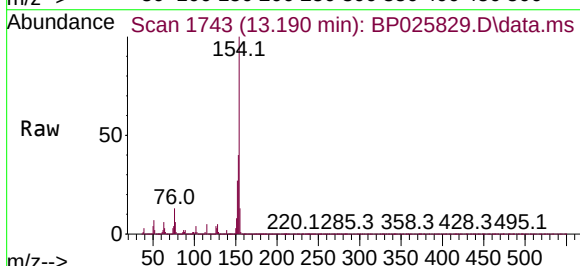
Tgt Ion:154 Resp: 2048301

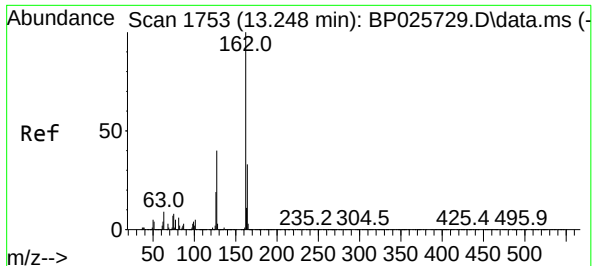
Ion Ratio Lower Upper

154 100

153 39.6 19.7 59.7

76 13.1 0.0 33.3

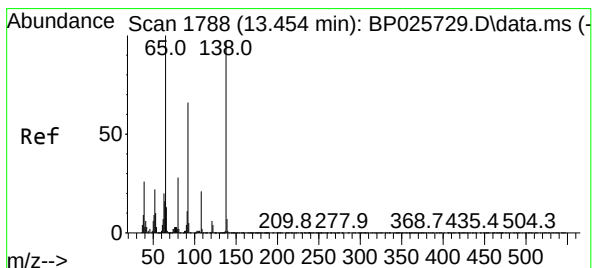
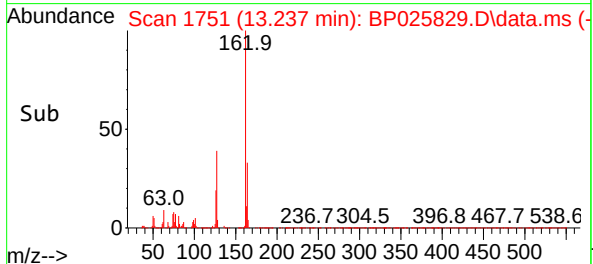
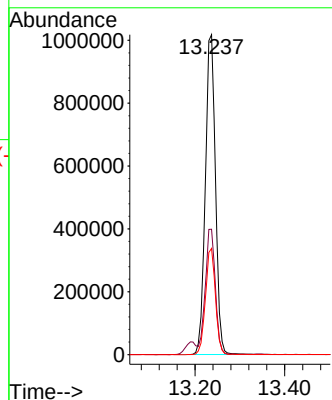
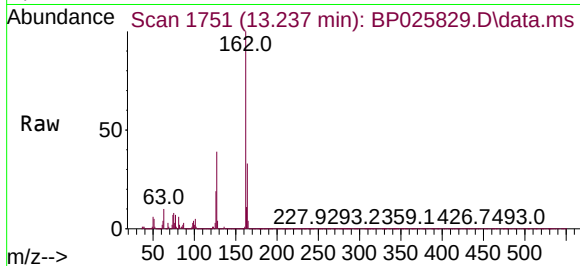




#47
2-Chloronaphthalene
Concen: 40.496 ng
RT: 13.237 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

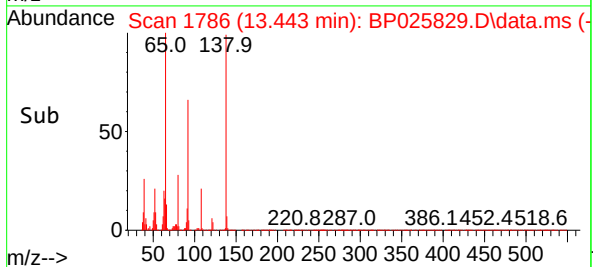
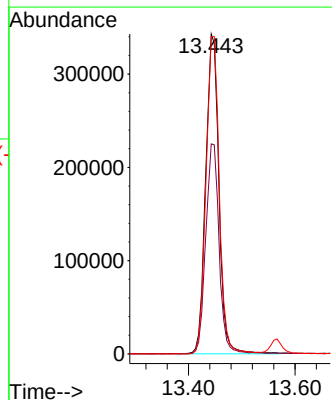
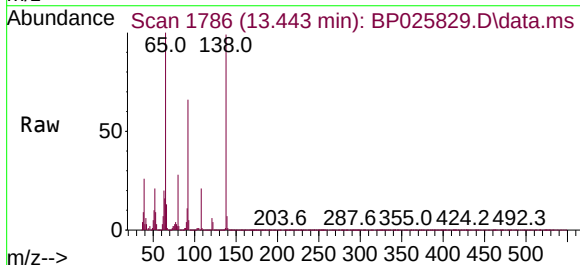
Instrument :
BNA_P
ClientSampleId :
PB169774BS

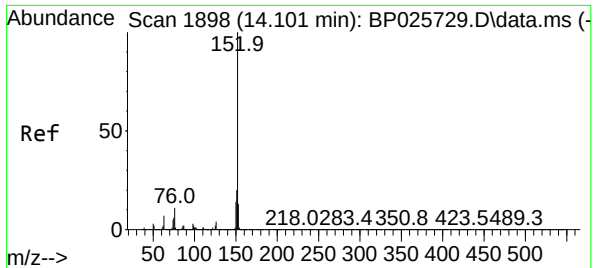
Tgt Ion:162 Resp: 1595487
Ion Ratio Lower Upper
162 100
127 39.2 32.2 48.4
164 33.2 26.5 39.7



#48
2-Nitroaniline
Concen: 44.880 ng
RT: 13.443 min Scan# 1786
Delta R.T. -0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion: 65 Resp: 589416
Ion Ratio Lower Upper
65 100
92 65.6 53.1 79.7
138 99.2 77.8 116.8





#49

Acenaphthylene

Concen: 41.231 ng

RT: 14.090 min Scan# 1896

Delta R.T. -0.012 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

BNA_P

ClientSampleId :

PB169774BS

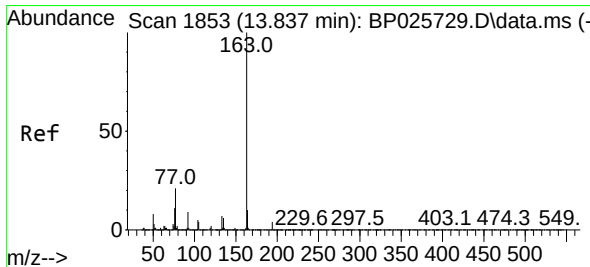
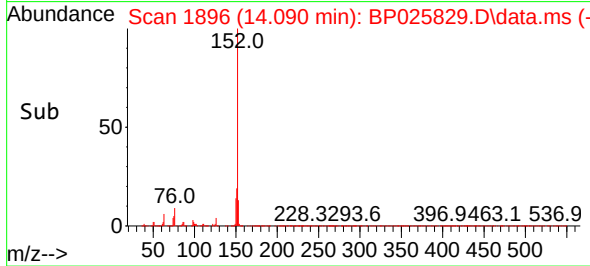
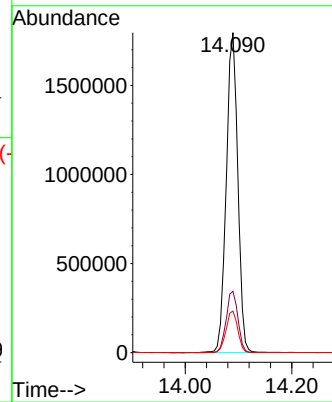
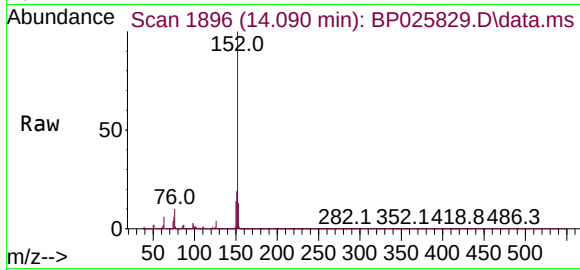
Tgt Ion:152 Resp: 2691532

Ion Ratio Lower Upper

152 100

151 19.2 15.8 23.6

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 41.937 ng

RT: 13.825 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

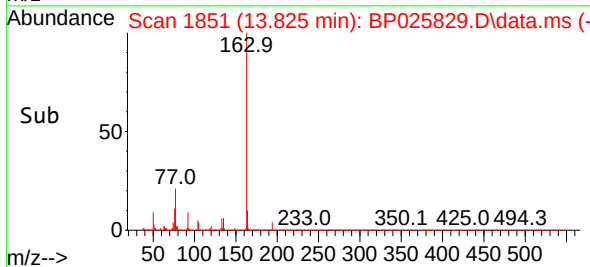
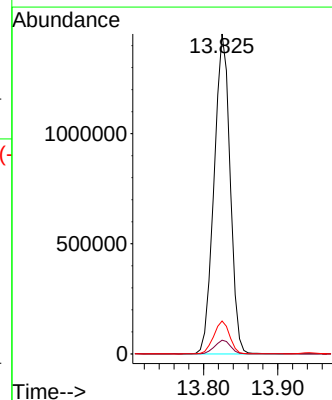
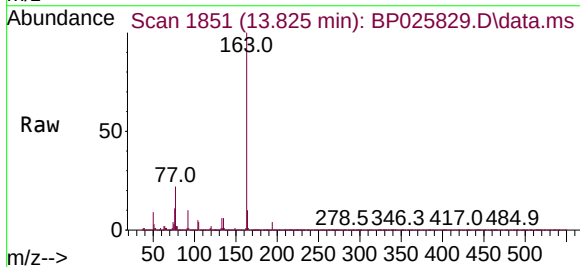
Tgt Ion:163 Resp: 2182559

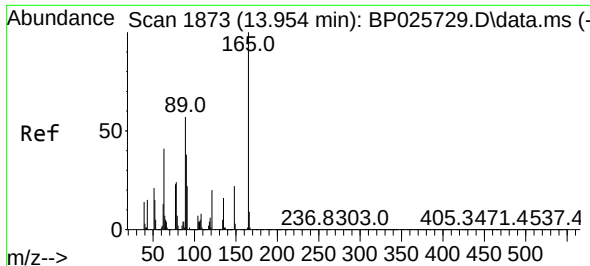
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.3 8.2 12.2

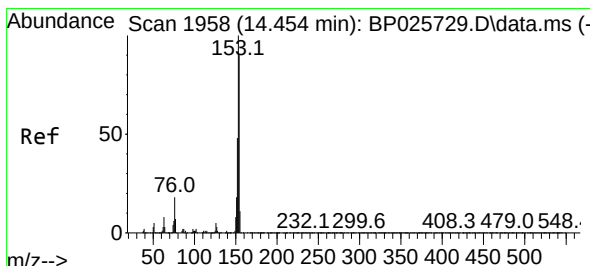
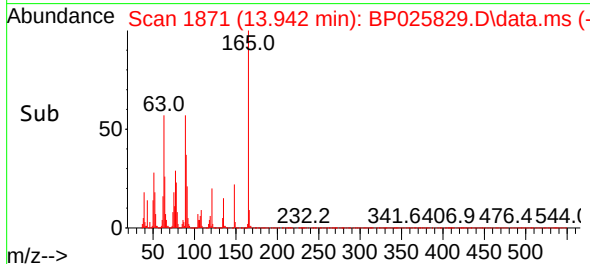
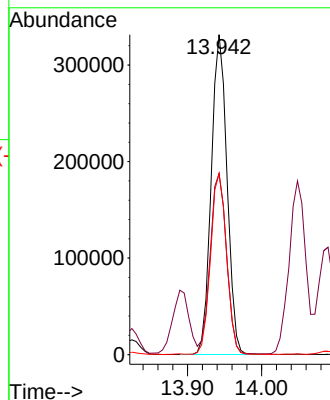
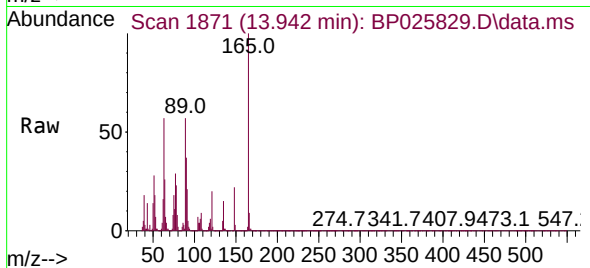




#51
2,6-Dinitrotoluene
Concen: 44.461 ng
RT: 13.942 min Scan# 1873
Delta R.T. -0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

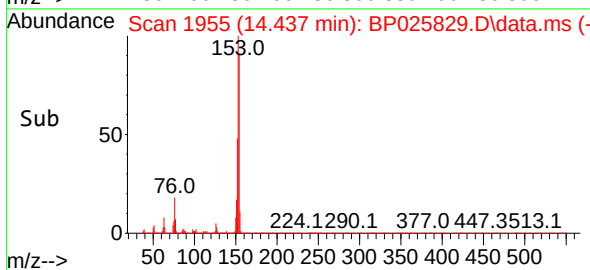
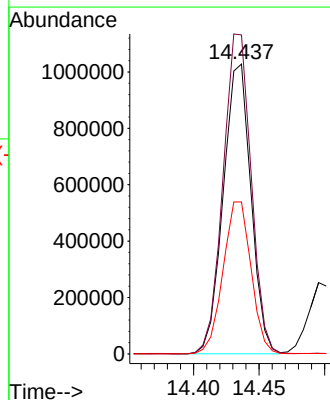
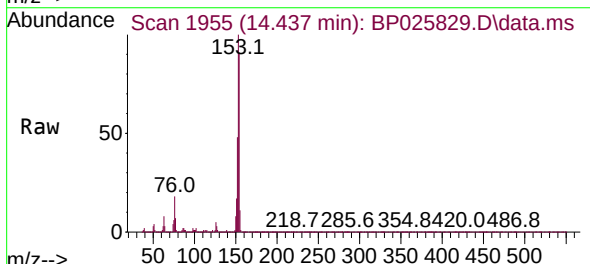
Instrument :
BNA_P
ClientSampleId :
PB169774BS

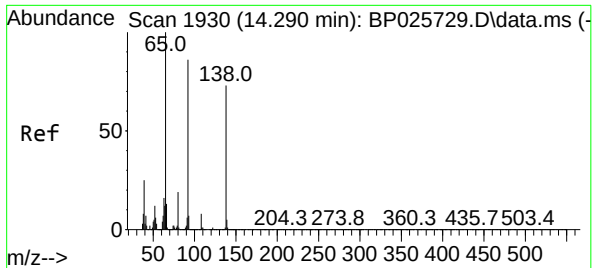
Tgt Ion:165 Resp: 490244
Ion Ratio Lower Upper
165 100
63 56.6 48.1 72.1
89 56.6 45.4 68.0



#52
Acenaphthene
Concen: 40.156 ng
RT: 14.437 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion:154 Resp: 1511693
Ion Ratio Lower Upper
154 100
153 110.1 89.4 134.0
152 52.4 42.5 63.7

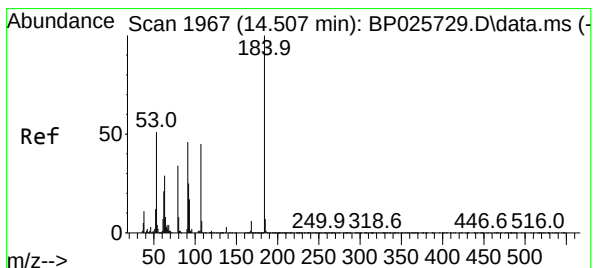
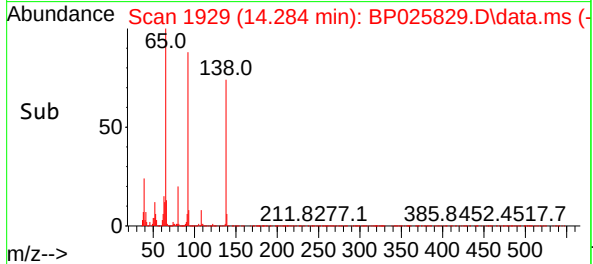
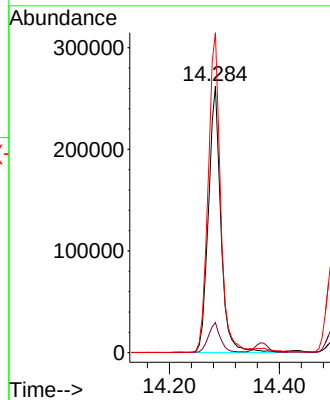
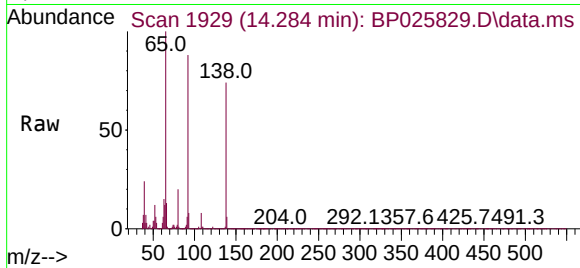




#53
3-Nitroaniline
Concen: 35.439 ng
RT: 14.284 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

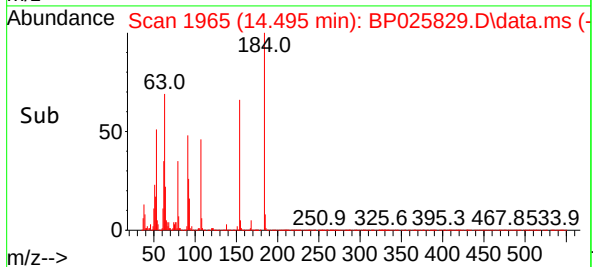
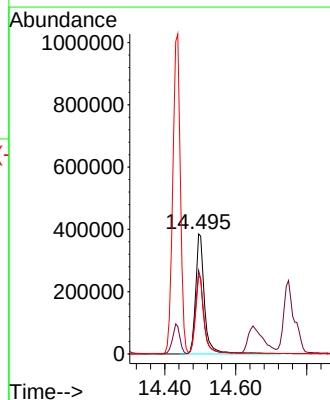
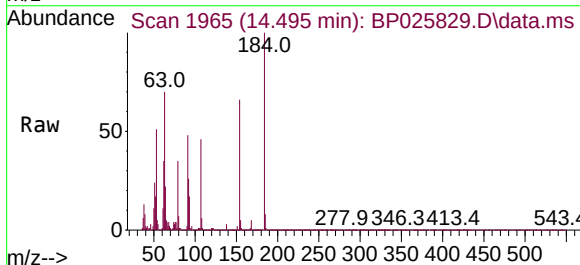
Instrument :
BNA_P
ClientSampleId :
PB169774BS

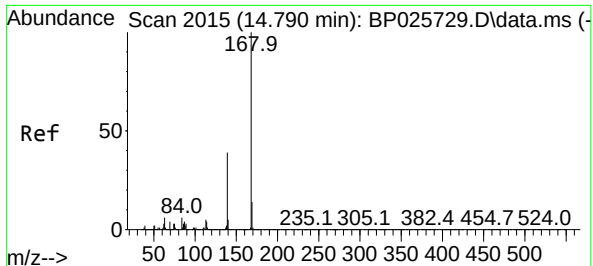
Tgt Ion:138 Resp: 410915
Ion Ratio Lower Upper
138 100
108 11.2 8.7 13.1
92 120.2 94.6 142.0



#54
2,4-Dinitrophenol
Concen: 92.312 ng
RT: 14.495 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion:184 Resp: 667460
Ion Ratio Lower Upper
184 100
63 69.5 52.5 78.7
154 65.6 51.5 77.3

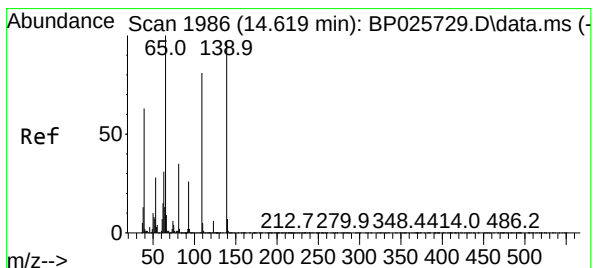
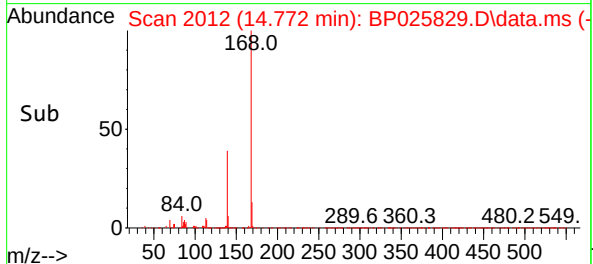
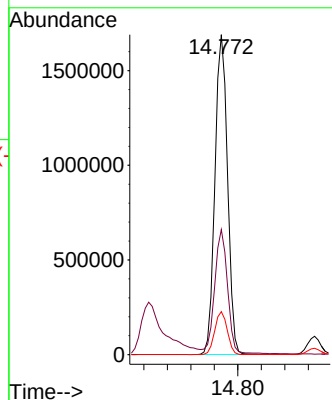
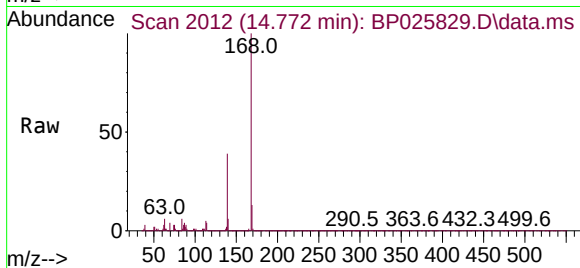




#55
Dibenzofuran
Concen: 40.824 ng
RT: 14.772 min Scan# 2015
Delta R.T. -0.018 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

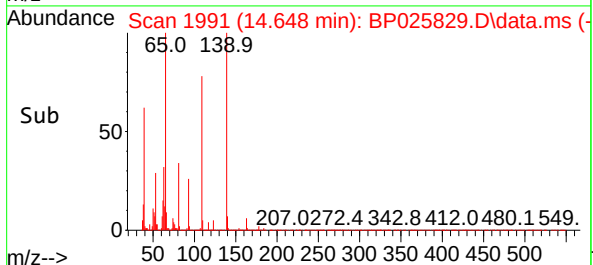
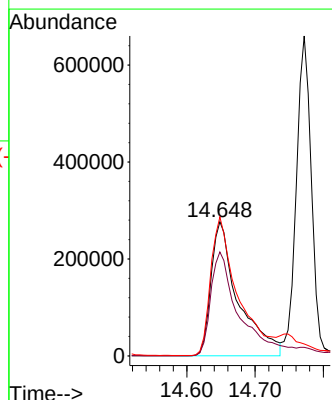
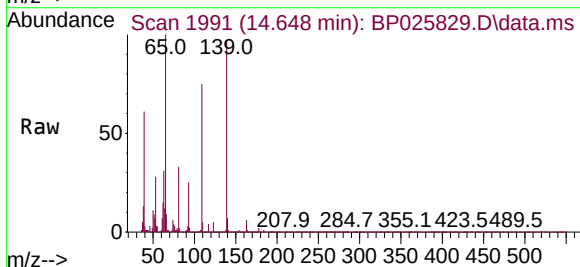
Instrument :
BNA_P
ClientSampleId :
PB169774BS

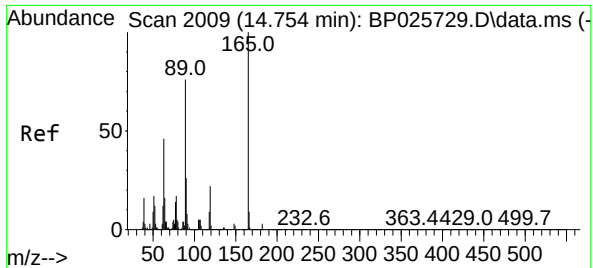
Tgt Ion:168 Resp: 2504803
Ion Ratio Lower Upper
168 100
139 39.1 31.7 47.5
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 77.126 ng
RT: 14.648 min Scan# 1991
Delta R.T. 0.029 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion:139 Resp: 768428
Ion Ratio Lower Upper
139 100
109 77.5 62.9 102.9
65 103.6 83.4 123.4

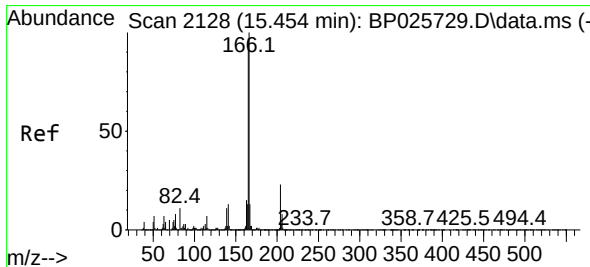
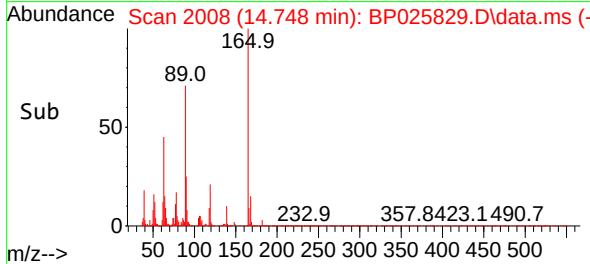
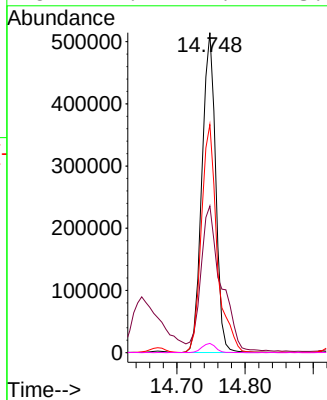
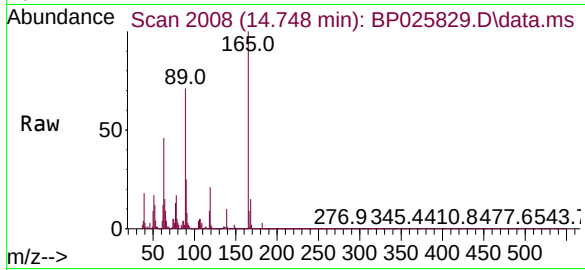




#57
2,4-Dinitrotoluene
Concen: 45.882 ng
RT: 14.748 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

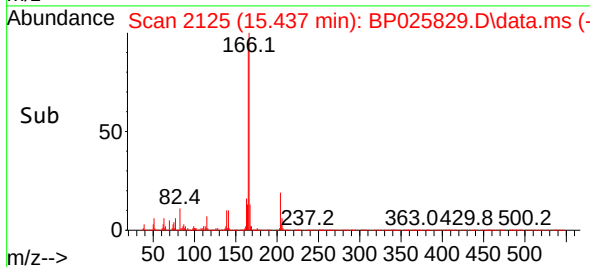
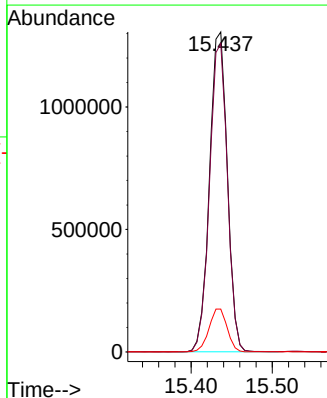
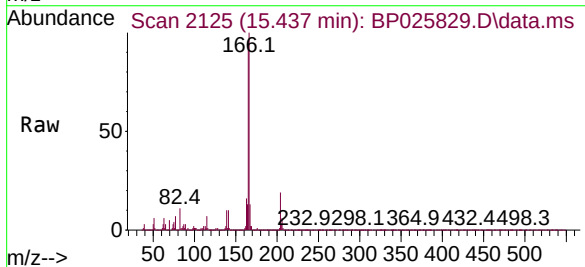
Instrument :
BNA_P
ClientSampleId :
PB169774BS

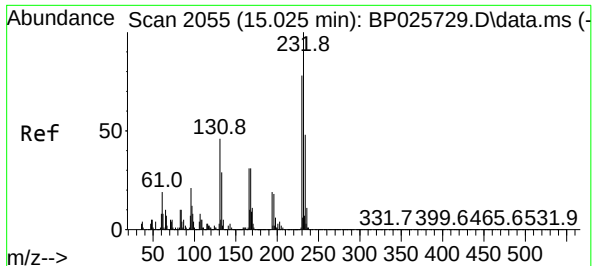
Tgt Ion:165 Resp: 719986
Ion Ratio Lower Upper
165 100
63 45.8 37.7 56.5
89 71.3 61.0 91.6
182 2.9 2.4 3.6



#58
Fluorene
Concen: 40.958 ng
RT: 15.437 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion:166 Resp: 1998268
Ion Ratio Lower Upper
166 100
165 96.3 77.7 116.5
167 13.4 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.691 ng

RT: 15.013 min Scan# 2053

Delta R.T. -0.012 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

BNA_P

ClientSampleId :

PB169774BS

Tgt Ion:232 Resp: 608441

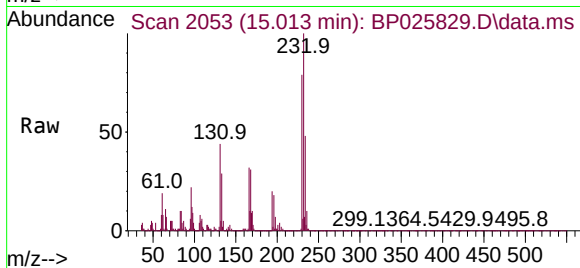
Ion Ratio Lower Upper

232 100

131 44.4 36.7 55.1

130 2.3 2.0 3.0

166 30.9 25.4 38.2



Abundance

15.013

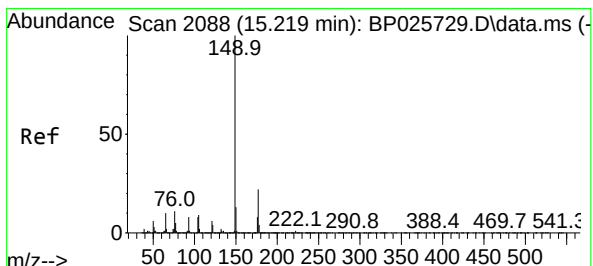
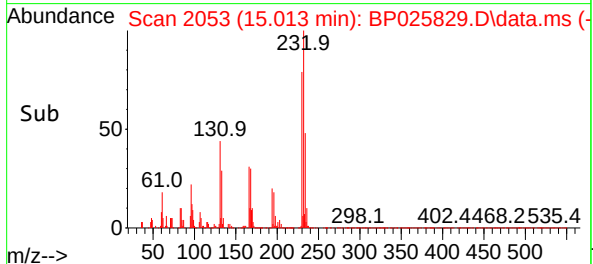
300000

200000

100000

0

Time-->



#60

Diethylphthalate

Concen: 43.615 ng

RT: 15.207 min Scan# 2086

Delta R.T. -0.012 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

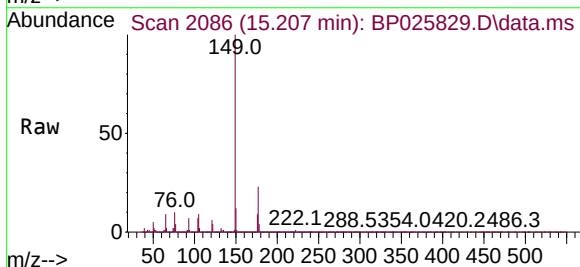
Tgt Ion:149 Resp: 2302476

Ion Ratio Lower Upper

149 100

177 22.6 17.7 26.5

150 12.4 10.0 15.0



Abundance

15.207

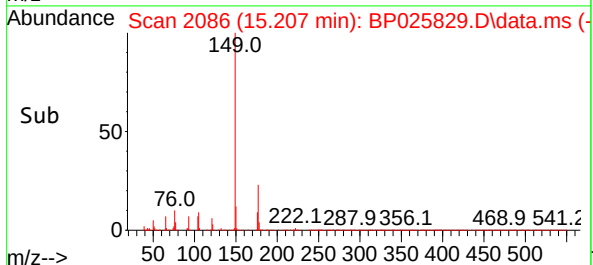
1500000

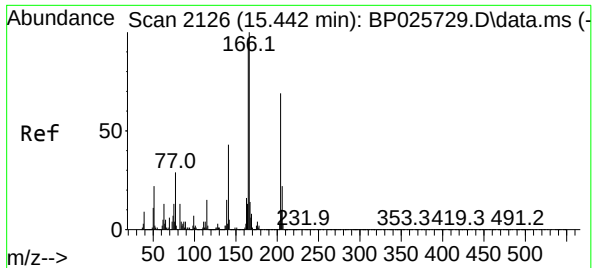
1000000

500000

0

Time-->

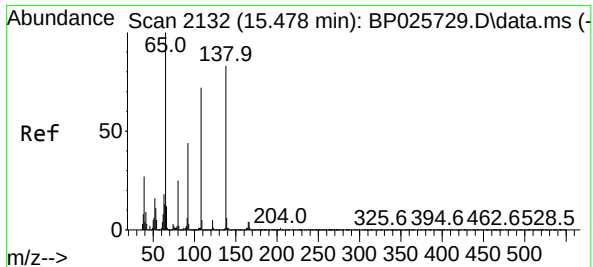
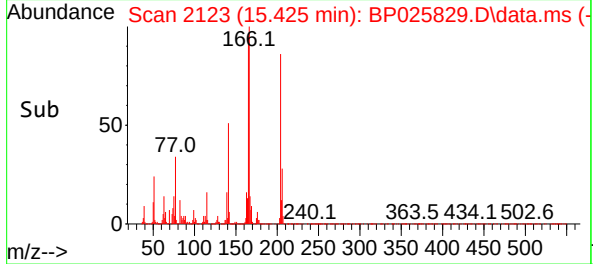
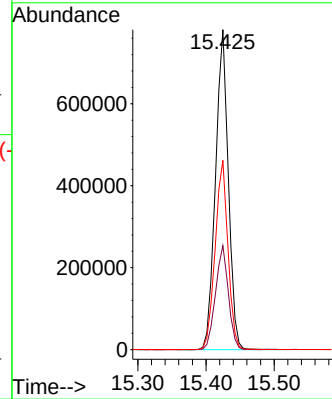
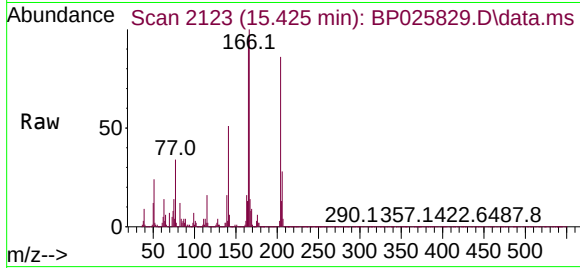




#61
4-Chlorophenyl-phenylether
Concen: 41.462 ng
RT: 15.425 min Scan# 2126
Delta R.T. -0.018 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

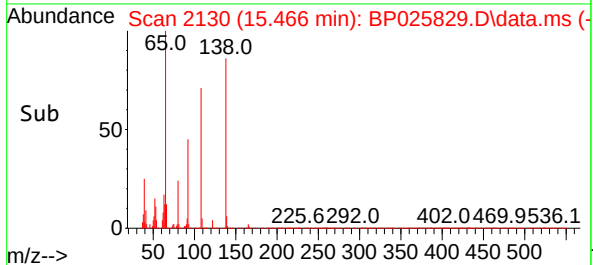
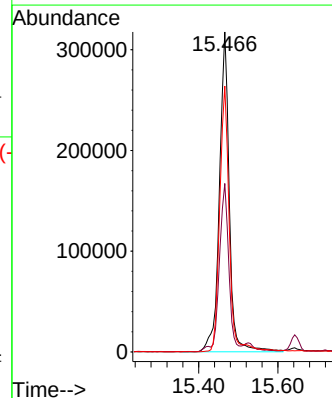
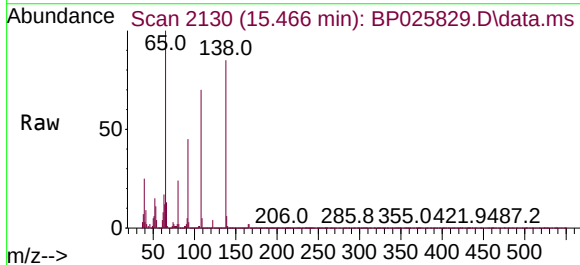
Instrument :
BNA_P
ClientSampleId :
PB169774BS

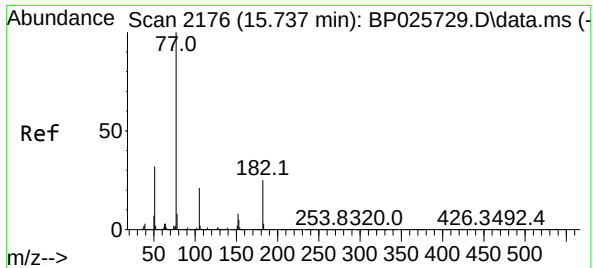
Tgt Ion:204 Resp: 1019460
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 59.1 49.7 74.5



#62
4-Nitroaniline
Concen: 46.407 ng
RT: 15.466 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion:138 Resp: 551265
Ion Ratio Lower Upper
138 100
92 52.6 33.3 73.3
108 83.1 66.7 106.7

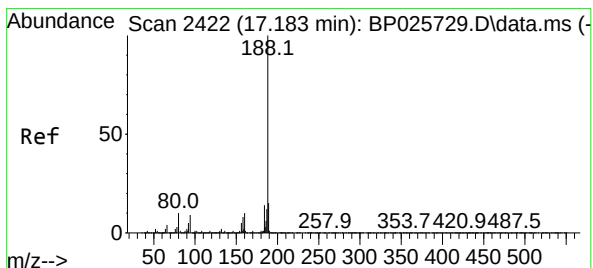
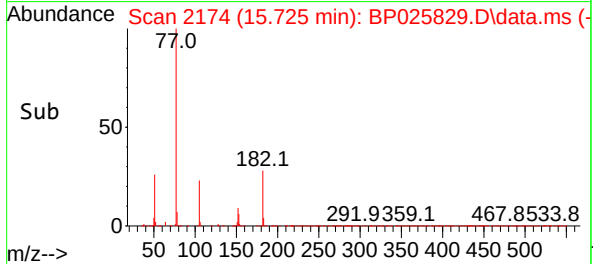
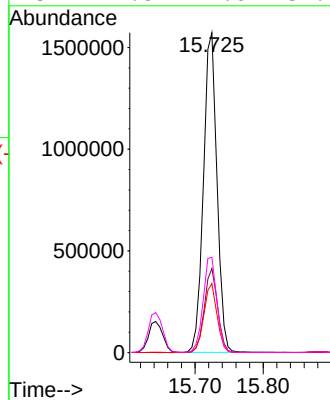
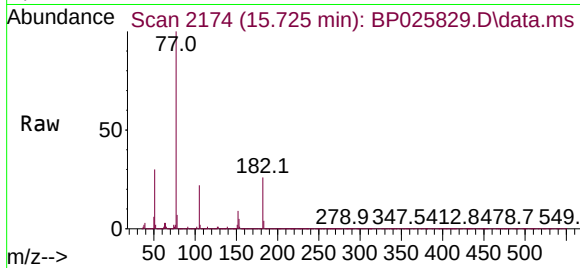




#63
Azobenzene
Concen: 42.413 ng
RT: 15.725 min Scan# 2174
Delta R.T. -0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

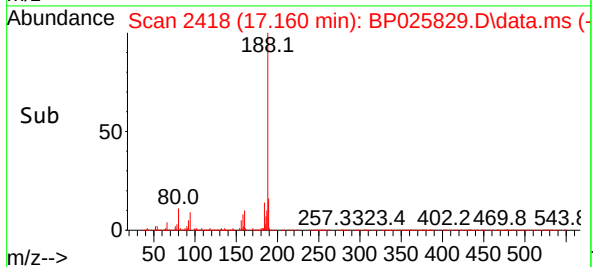
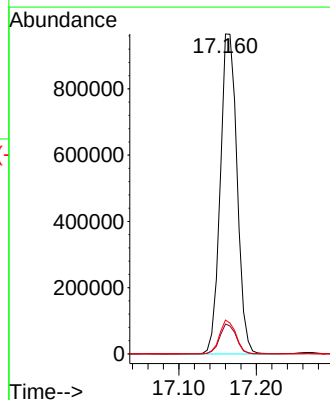
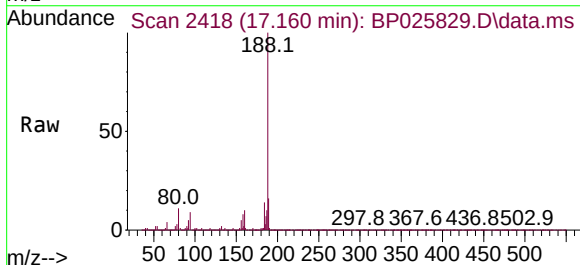
Instrument :
BNA_P
ClientSampleId :
PB169774BS

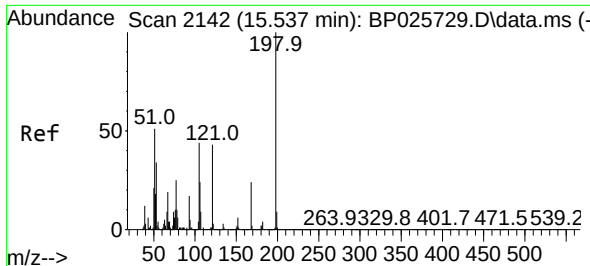
Tgt Ion: 77 Resp: 2164974
Ion Ratio Lower Upper
77 100
182 26.3 5.2 45.2
105 21.6 1.1 41.1
51 29.8 11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.160 min Scan# 2418
Delta R.T. -0.024 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion:188 Resp: 1453274
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.0
80 10.6 7.7 11.5

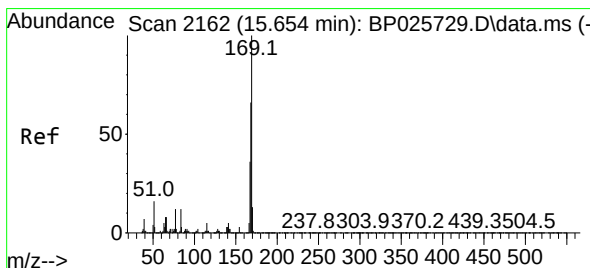
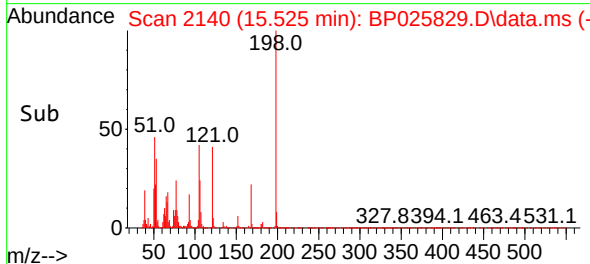
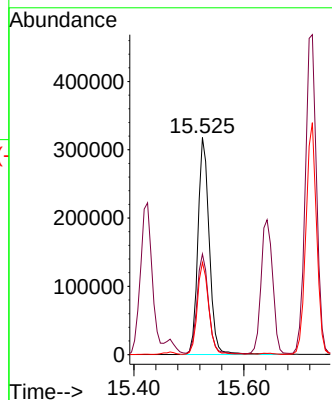
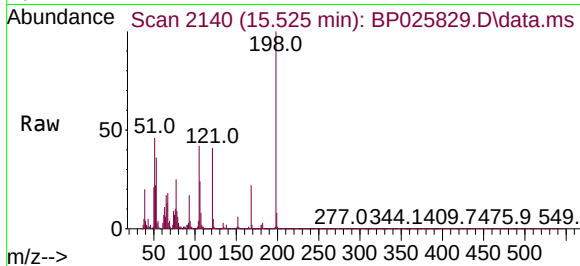




#65
4,6-Dinitro-2-methylphenol
Concen: 47.023 ng
RT: 15.525 min Scan# 2140
Delta R.T. -0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

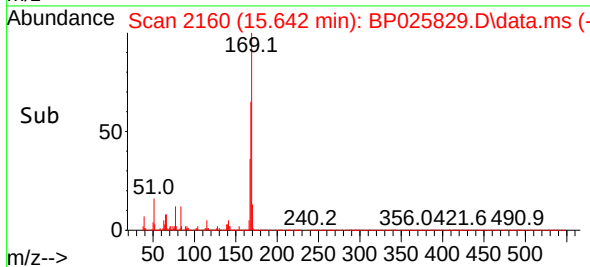
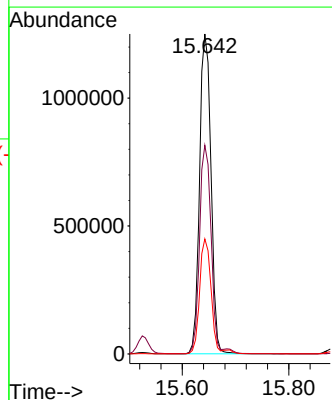
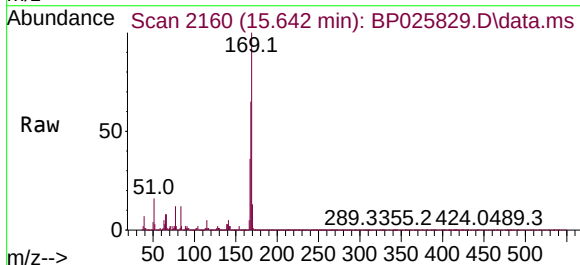
Instrument :
BNA_P
ClientSampleId :
PB169774BS

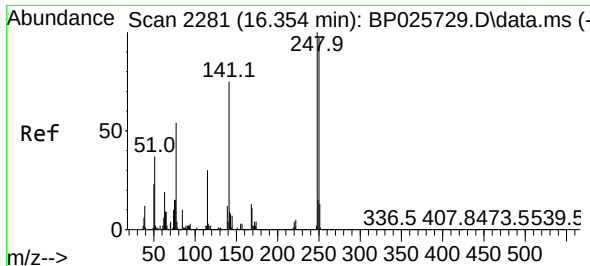
Tgt Ion:198 Resp: 454463
Ion Ratio Lower Upper
198 100
51 46.3 33.4 73.4
105 42.4 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 41.711 ng
RT: 15.642 min Scan# 2160
Delta R.T. -0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion:169 Resp: 1855030
Ion Ratio Lower Upper
169 100
168 65.2 52.6 78.8
167 35.9 28.5 42.7

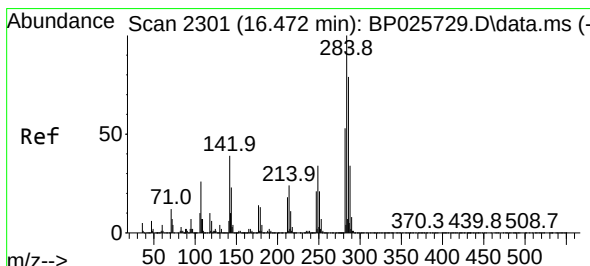
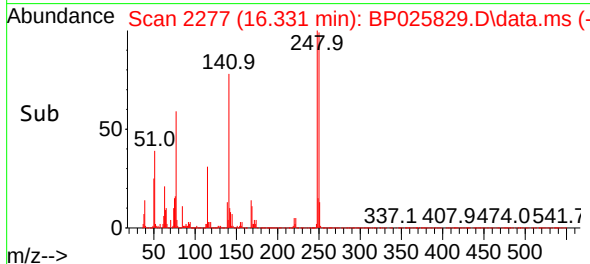
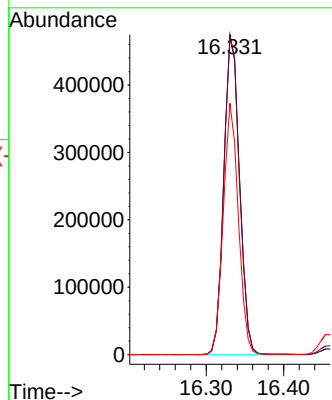
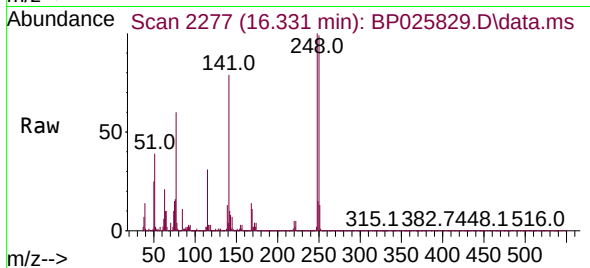




#67
4-Bromophenyl-phenylether
Concen: 41.981 ng
RT: 16.331 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

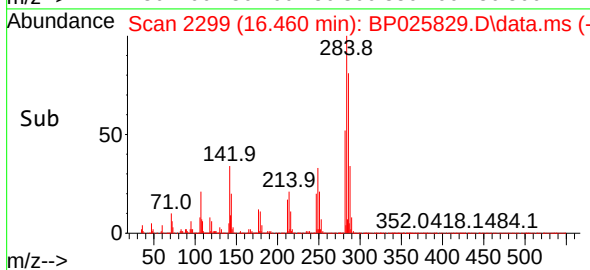
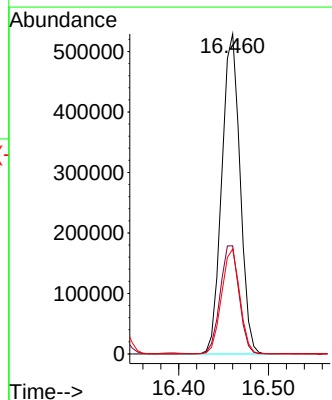
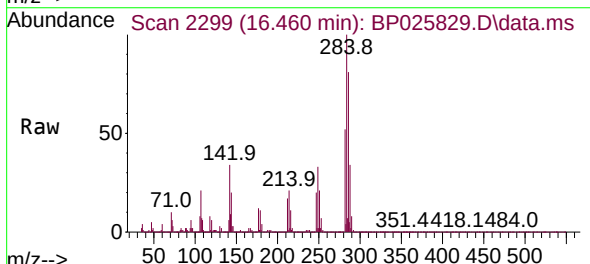
Instrument :
BNA_P
ClientSampleId :
PB169774BS

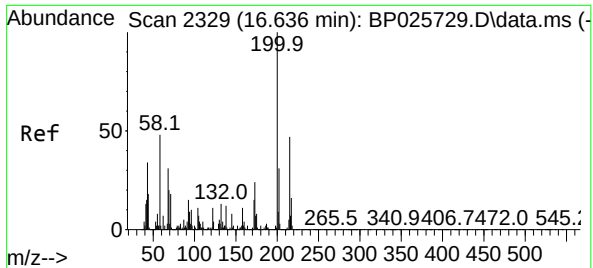
Tgt Ion:248 Resp: 670251
Ion Ratio Lower Upper
248 100
250 99.2 77.5 116.3
141 78.5 60.2 90.4



#68
Hexachlorobenzene
Concen: 41.866 ng
RT: 16.460 min Scan# 2299
Delta R.T. -0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion:284 Resp: 745391
Ion Ratio Lower Upper
284 100
142 33.8 31.3 46.9
249 32.8 27.3 40.9

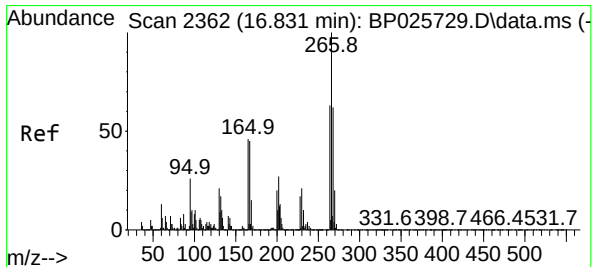
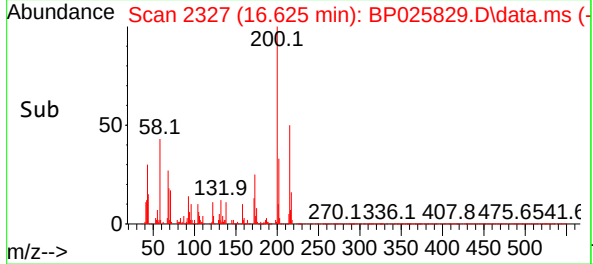
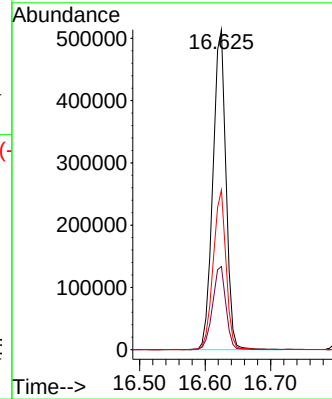
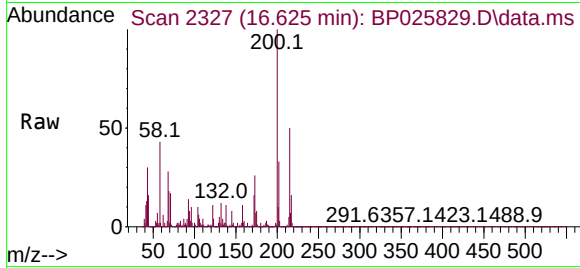




#69
Atrazine
Concen: 41.910 ng
RT: 16.625 min Scan# 2329
Delta R.T. -0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

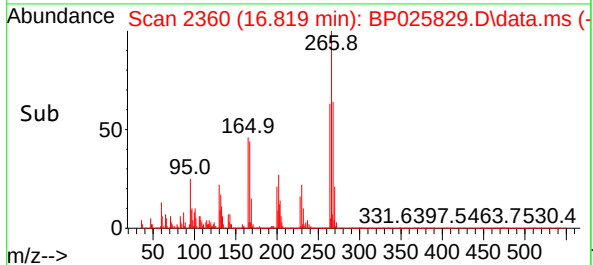
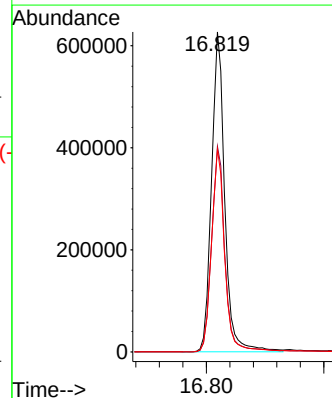
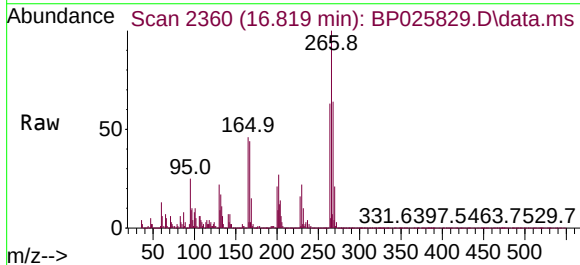
Instrument :
BNA_P
ClientSampleId :
PB169774BS

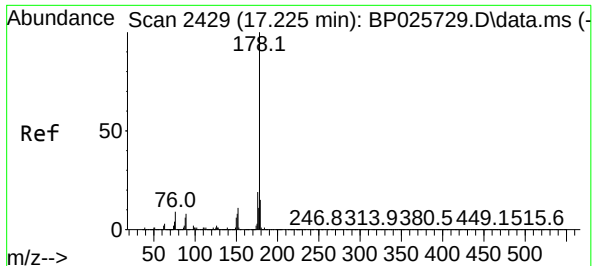
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.0	4.2	44.2
215	49.9	27.3	67.3



#70
Pentachlorophenol
Concen: 83.091 ng
RT: 16.819 min Scan# 2360
Delta R.T. -0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	49.8	74.8
264	63.4	50.2	75.2

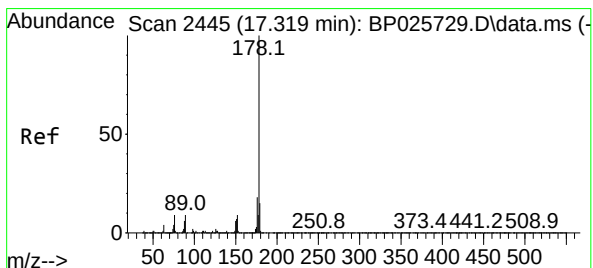
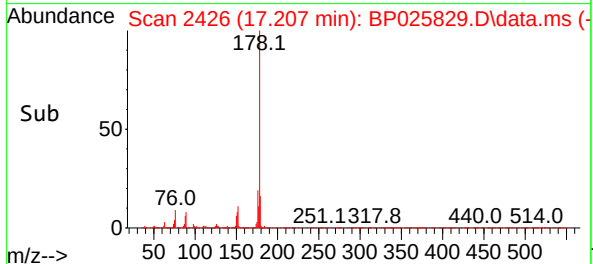
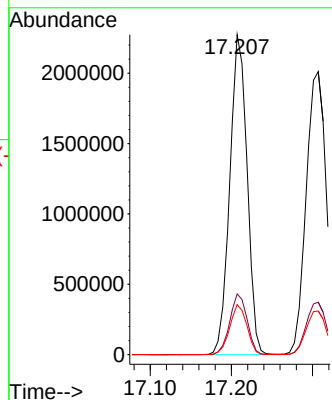
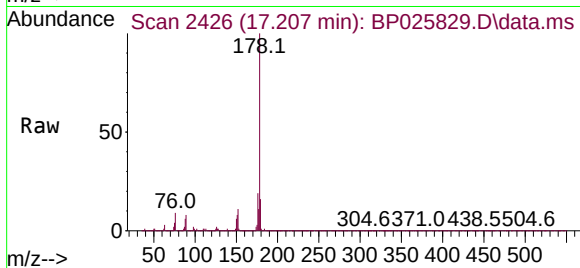




#71
Phenanthrene
Concen: 40.942 ng
RT: 17.207 min Scan# 2429
Delta R.T. -0.018 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

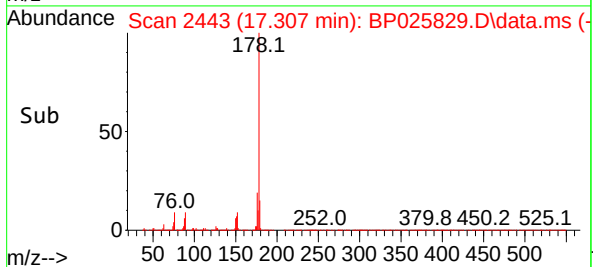
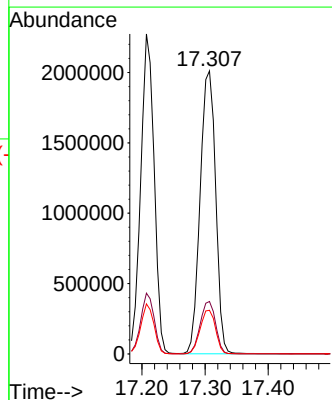
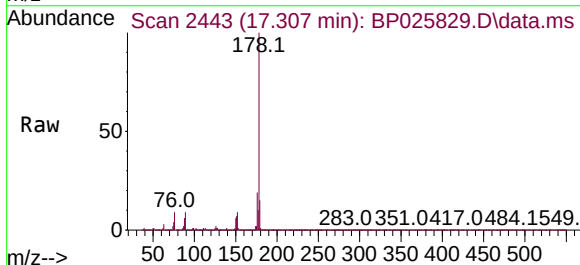
Instrument :
BNA_P
ClientSampleId :
PB169774BS

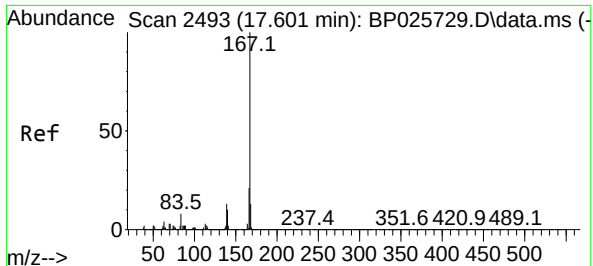
Tgt Ion:178 Resp: 3375172
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.6 12.2 18.4



#72
Anthracene
Concen: 40.986 ng
RT: 17.307 min Scan# 2443
Delta R.T. -0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion:178 Resp: 3428247
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.4 12.2 18.4

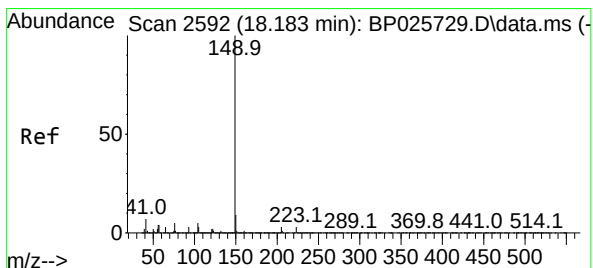
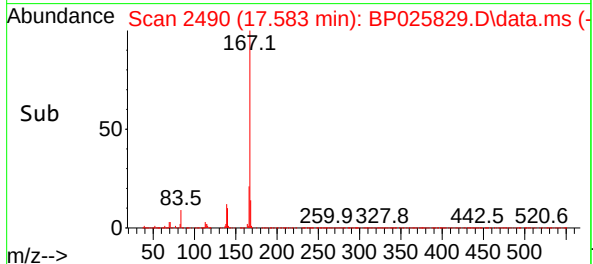
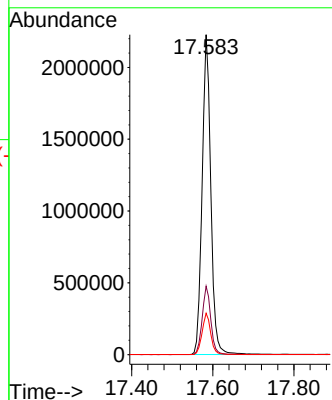
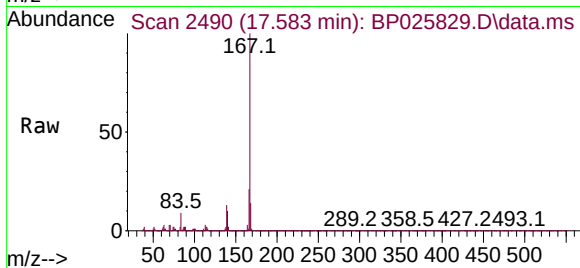




#73
 Carbazole
 Concen: 42.368 ng
 RT: 17.583 min Scan# 2490
 Delta R.T. -0.018 min
 Lab File: BP025829.D
 Acq: 23 Sep 2025 14:29

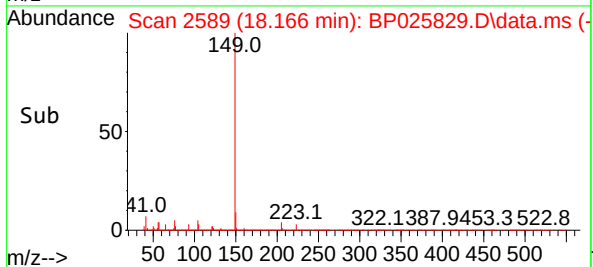
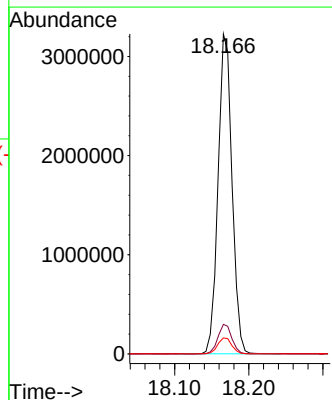
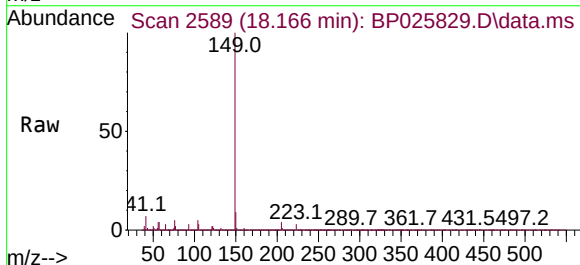
Instrument :
 BNA_P
 ClientSampleId :
 PB169774BS

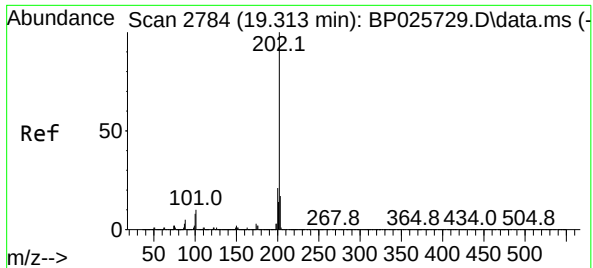
Tgt Ion:167 Resp: 3294726
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.4
 139 12.9 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 44.196 ng
 RT: 18.166 min Scan# 2589
 Delta R.T. -0.018 min
 Lab File: BP025829.D
 Acq: 23 Sep 2025 14:29

Tgt Ion:149 Resp: 4217646
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.0 4.3 6.5

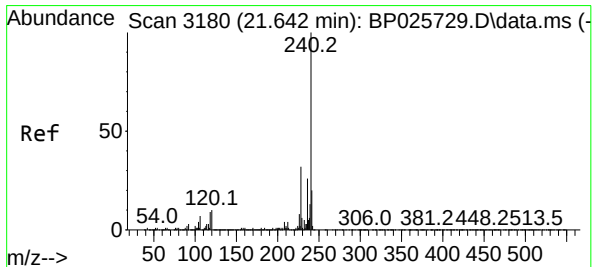
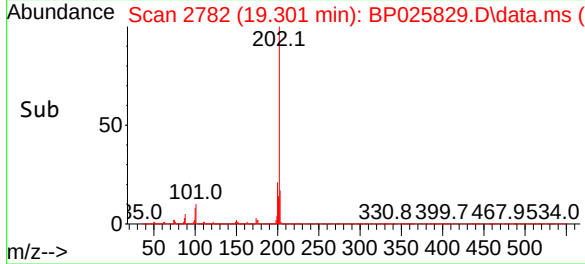
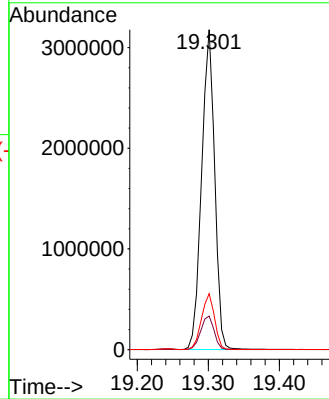
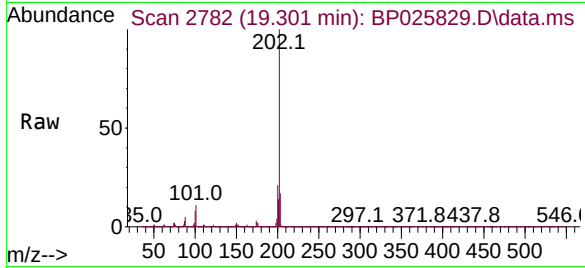




#75
Fluoranthene
Concen: 40.754 ng
RT: 19.301 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

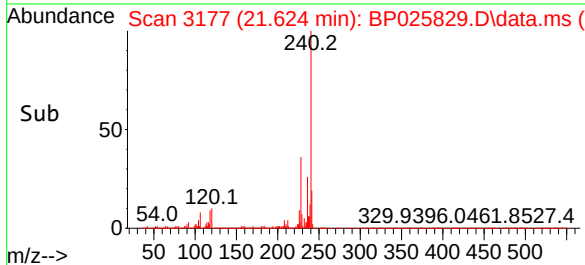
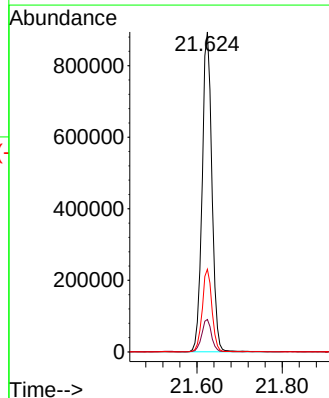
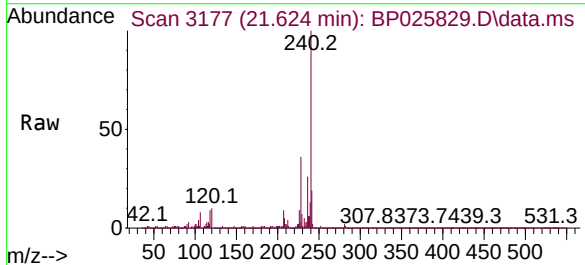
Instrument :
BNA_P
ClientSampleId :
PB169774BS

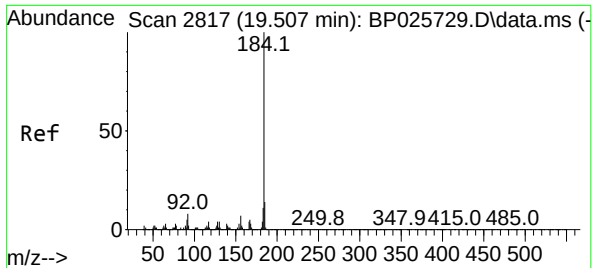
Tgt Ion:202 Resp: 4029329
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.4
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.018 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion:240 Resp: 1418311
Ion Ratio Lower Upper
240 100
120 10.1 8.0 12.0
236 25.8 20.7 31.1

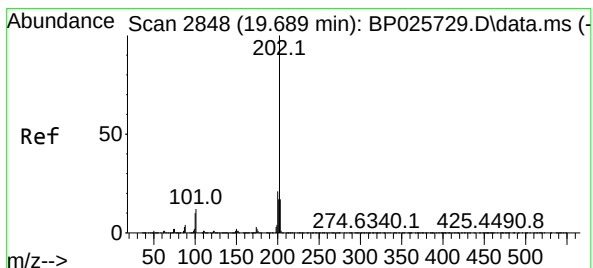
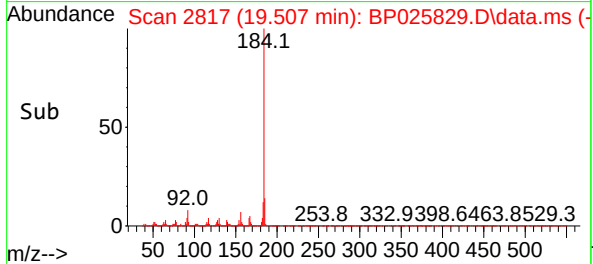
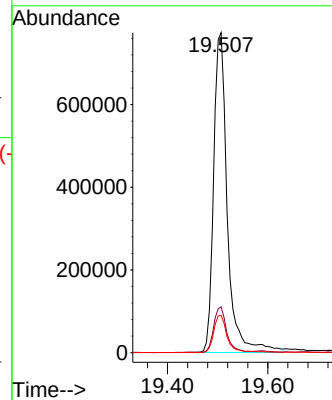
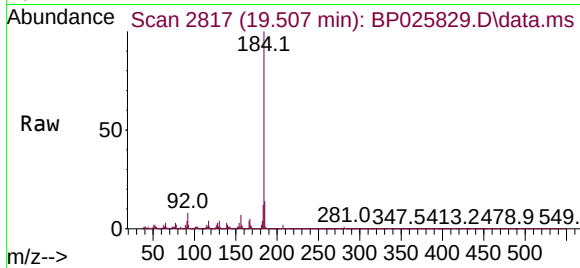




#77
Benzidine
Concen: 35.955 ng
RT: 19.507 min Scan# 2817
Delta R.T. 0.000 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

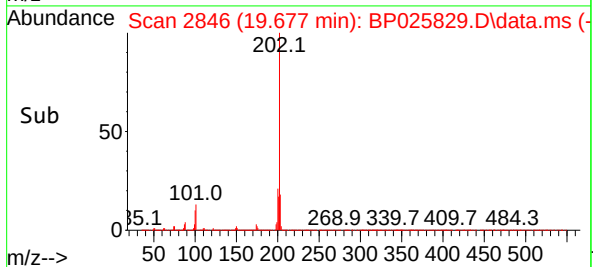
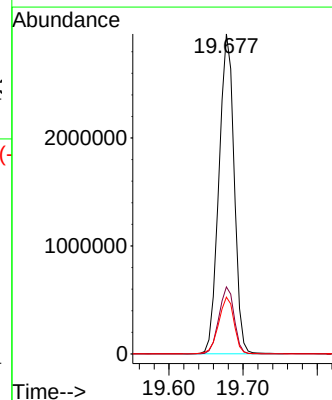
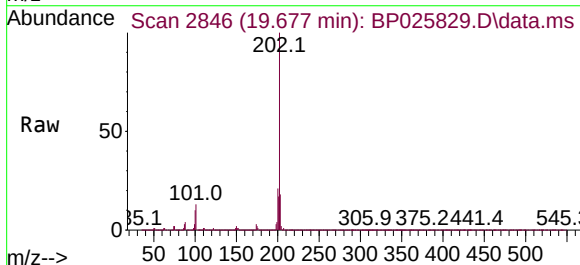
Instrument :
BNA_P
ClientSampleId :
PB169774BS

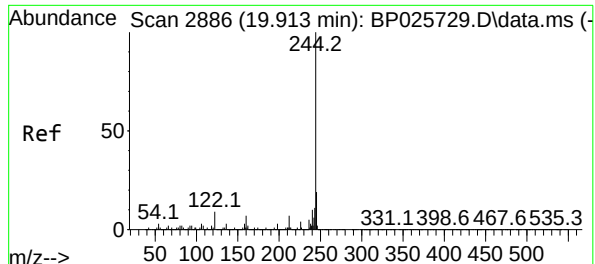
Tgt Ion:184 Resp: 1468939
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 11.6 9.2 13.8



#78
Pyrene
Concen: 44.767 ng
RT: 19.677 min Scan# 2846
Delta R.T. -0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion:202 Resp: 4236623
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.6
203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 74.299 ng

RT: 19.901 min Scan# 2884

Delta R.T. -0.012 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

BNA_P

ClientSampleId :

PB169774BS

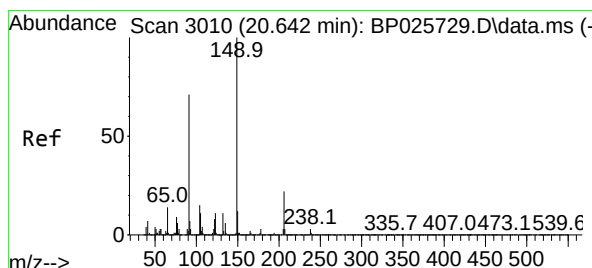
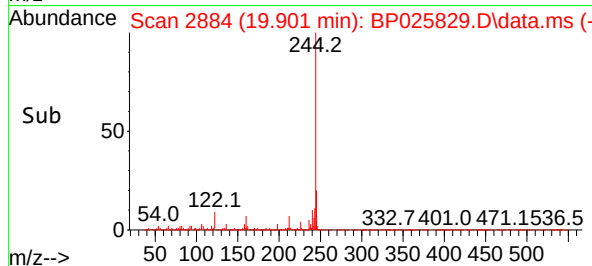
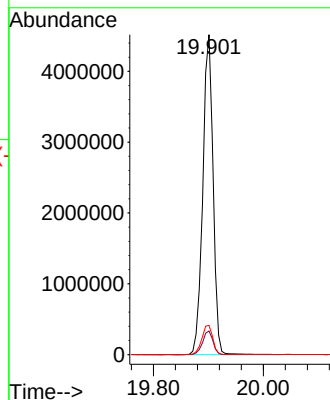
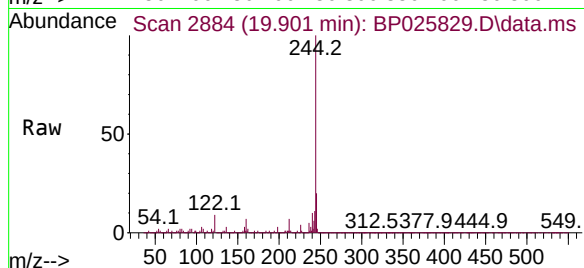
Tgt Ion:244 Resp: 5857684

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 9.1 7.1 10.7



#80

Butylbenzylphthalate

Concen: 48.602 ng

RT: 20.624 min Scan# 3007

Delta R.T. -0.018 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

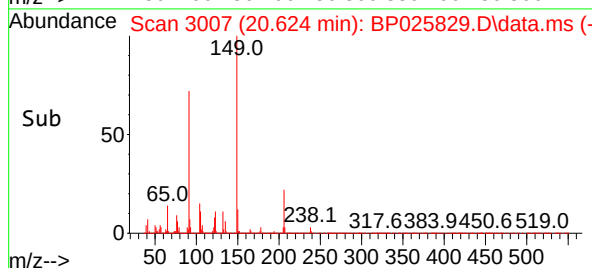
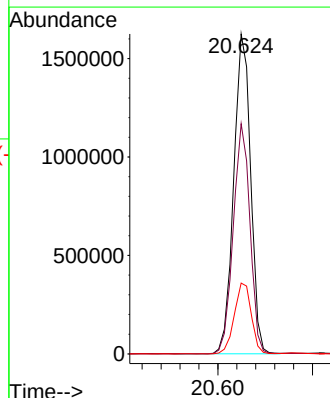
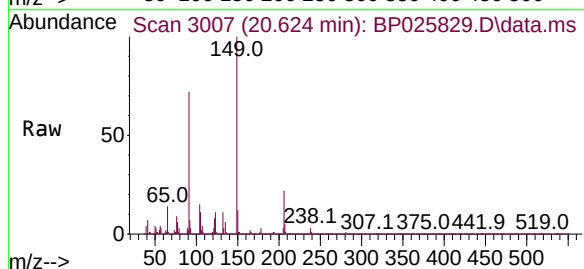
Tgt Ion:149 Resp: 2016722

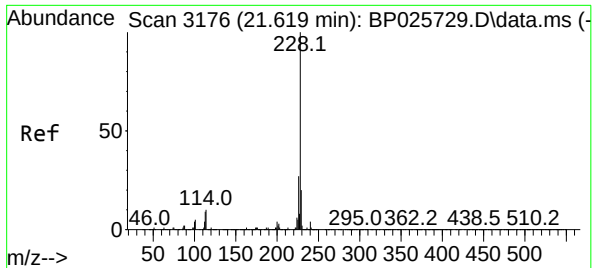
Ion Ratio Lower Upper

149 100

91 71.9 56.6 85.0

206 22.1 17.4 26.0

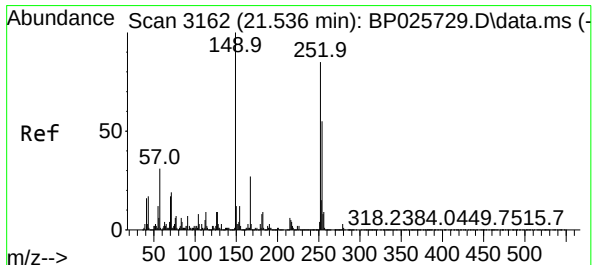
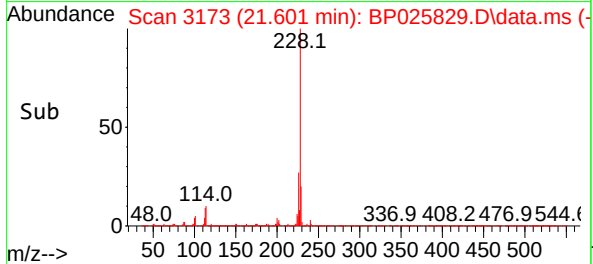
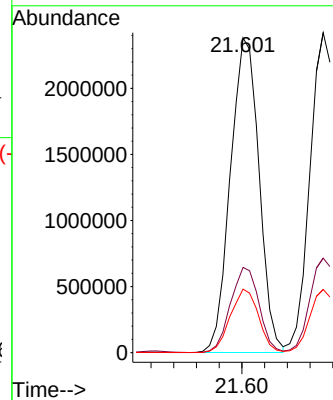
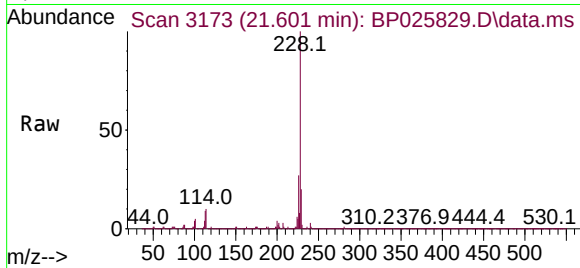




#81
Benzo(a)anthracene
Concen: 43.005 ng
RT: 21.601 min Scan# 3176
Delta R.T. -0.018 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

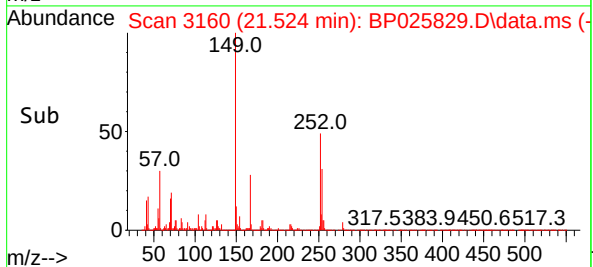
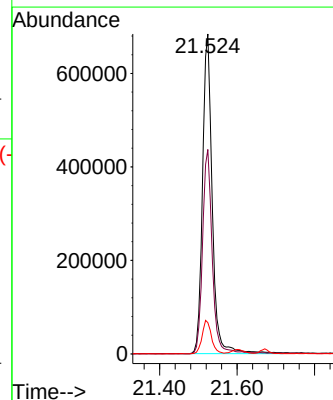
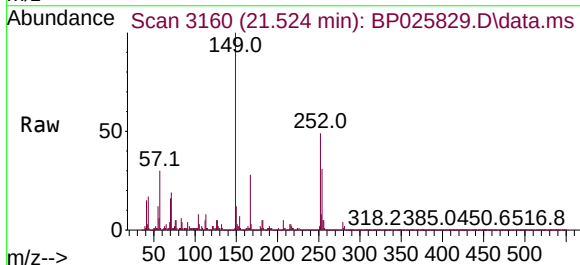
Instrument :
BNA_P
ClientSampleId :
PB169774BS

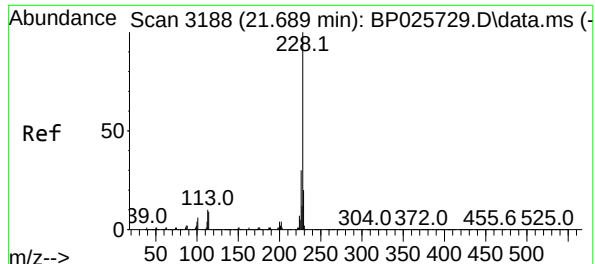
Tgt Ion:228 Resp: 4175782
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 20.1 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 35.546 ng
RT: 21.524 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion:252 Resp: 1193425
Ion Ratio Lower Upper
252 100
254 63.9 51.4 77.0
126 9.8 8.3 12.5





#83

Chrysene

Concen: 41.533 ng

RT: 21.671 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

BNA_P

ClientSampleId :

PB169774BS

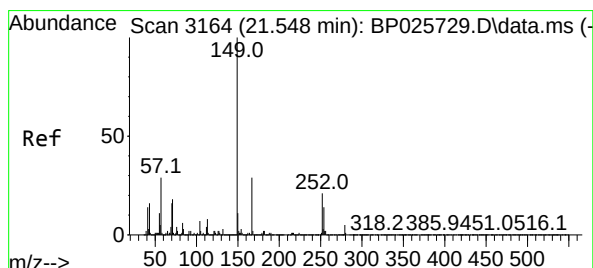
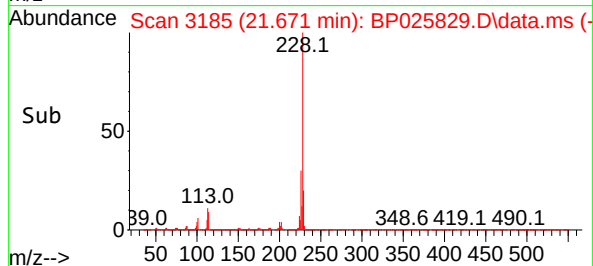
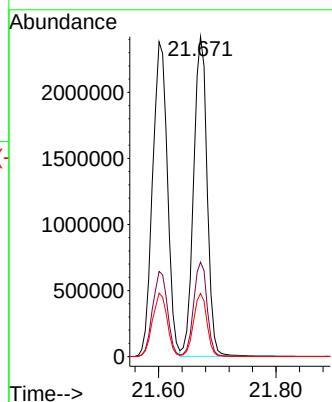
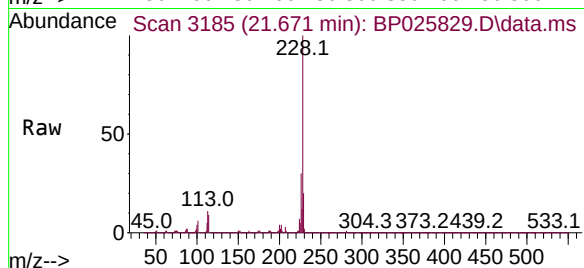
Tgt Ion:228 Resp: 3844315

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.6

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.692 ng

RT: 21.530 min Scan# 3161

Delta R.T. -0.018 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

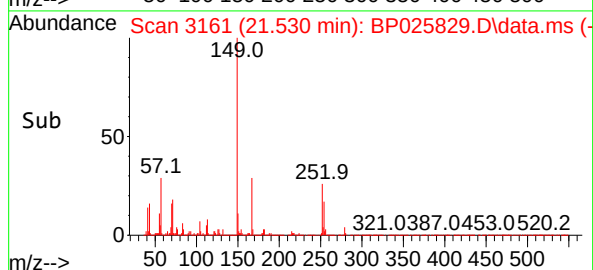
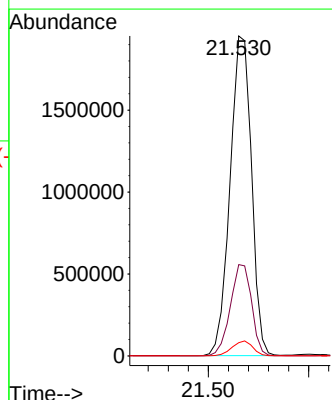
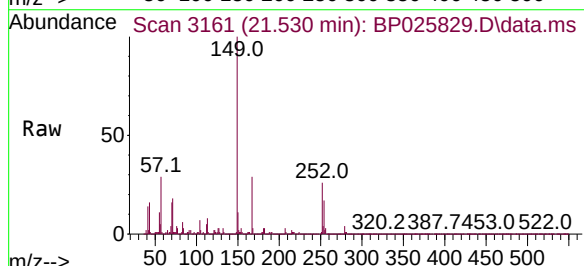
Tgt Ion:149 Resp: 2895302

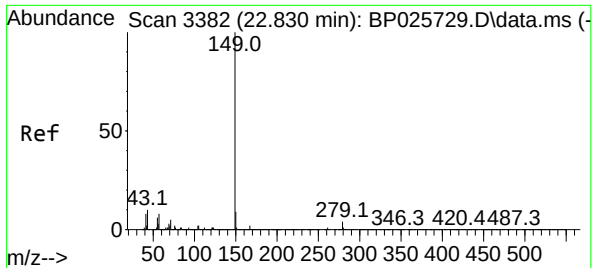
Ion Ratio Lower Upper

149 100

167 28.5 22.9 34.3

279 4.1 3.8 5.8

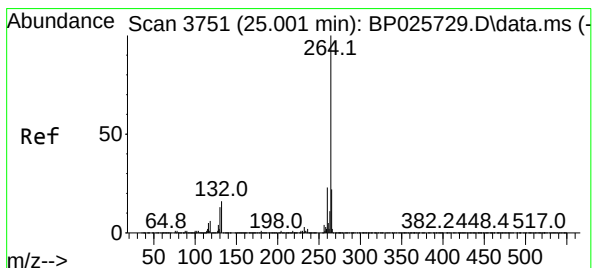
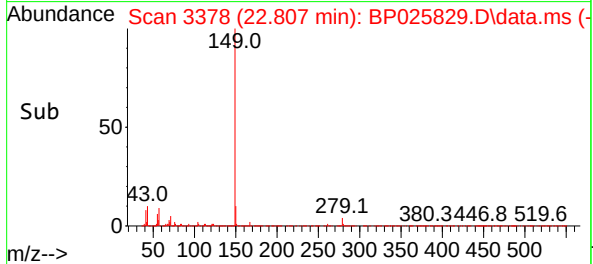
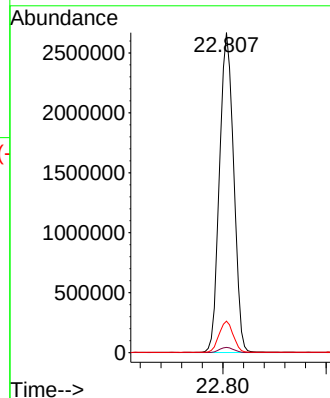
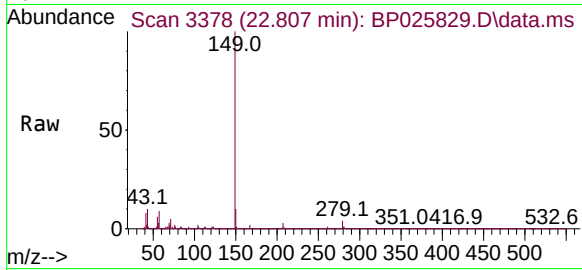




#85
Di-n-octyl phthalate
Concen: 47.503 ng
RT: 22.807 min Scan# 3382
Delta R.T. -0.024 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

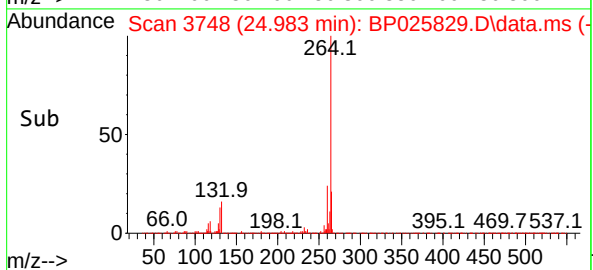
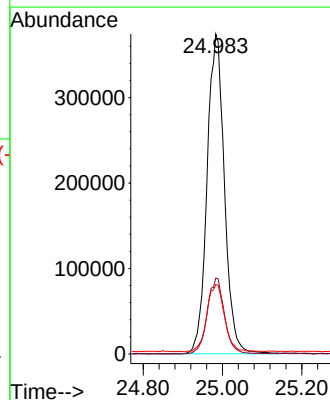
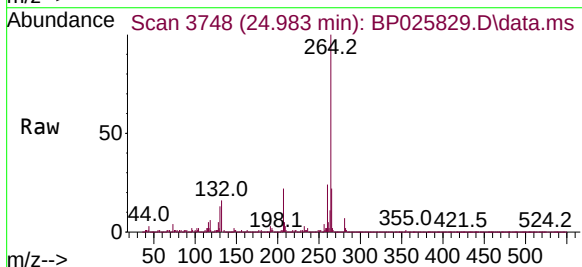
Instrument :
BNA_P
ClientSampleId :
PB169774BS

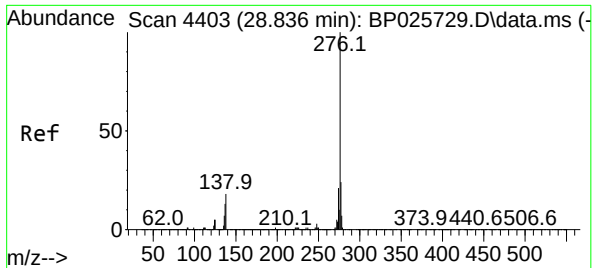
Tgt Ion:149 Resp: 5129788
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.6 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.983 min Scan# 3748
Delta R.T. -0.018 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion:264 Resp: 1138065
Ion Ratio Lower Upper
264 100
260 23.7 18.3 27.5
265 21.7 17.3 25.9

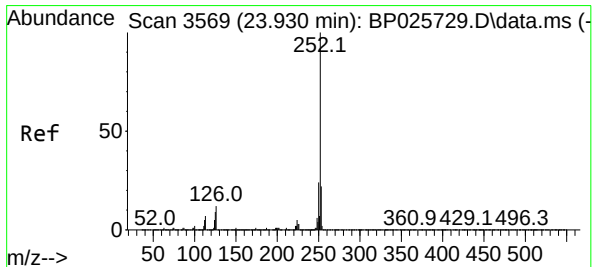
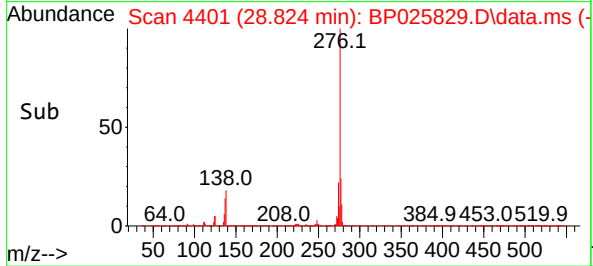
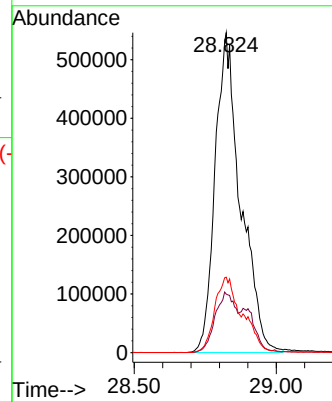
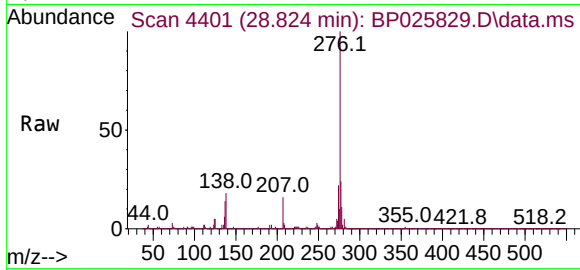




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.083 ng
RT: 28.824 min Scan# 4403
Delta R.T. -0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

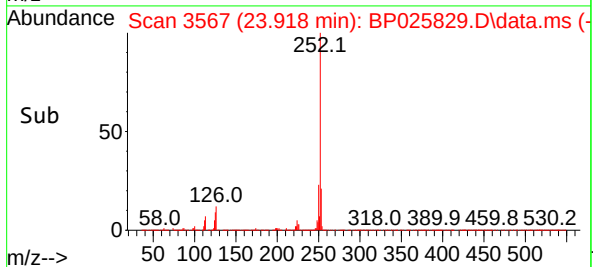
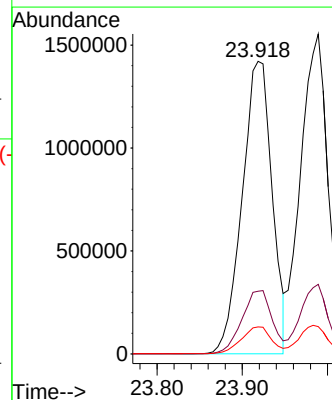
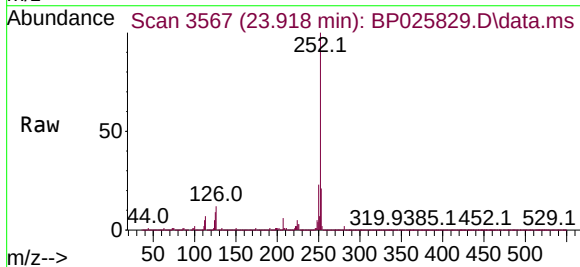
Instrument :
BNA_P
ClientSampleId :
PB169774BS

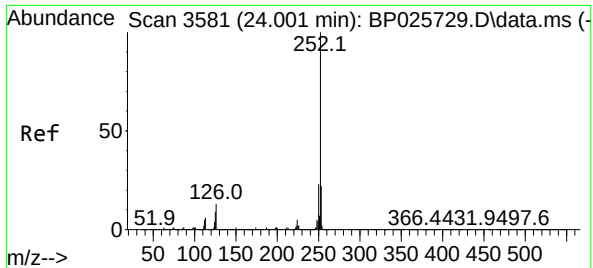
Tgt Ion:276 Resp: 3400109
Ion Ratio Lower Upper
276 100
138 14.9 13.4 20.2
277 25.4 9.1 13.7#



#88
Benzo(b)fluoranthene
Concen: 49.777 ng
RT: 23.918 min Scan# 3567
Delta R.T. -0.012 min
Lab File: BP025829.D
Acq: 23 Sep 2025 14:29

Tgt Ion:252 Resp: 3464231
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 9.2 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 49.829 ng

RT: 23.989 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

BNA_P

ClientSampleId :

PB169774BS

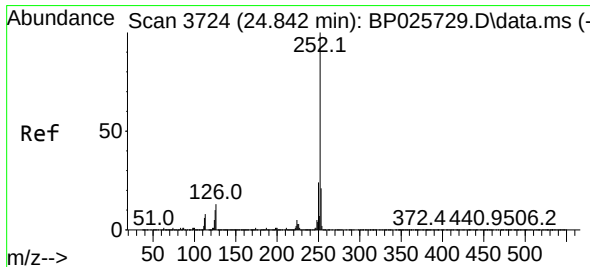
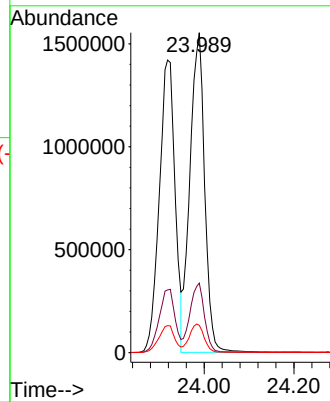
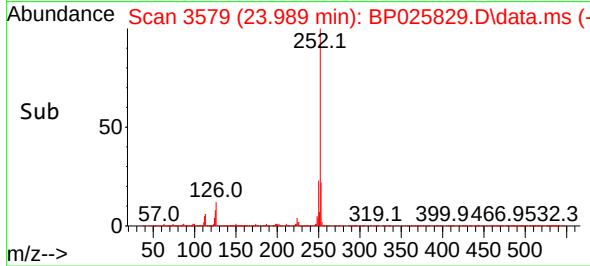
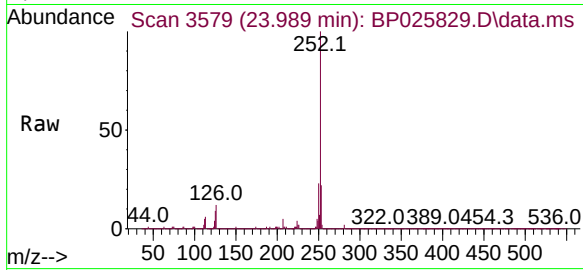
Tgt Ion:252 Resp: 3538734

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.5 7.5 11.3



#90

Benzo(a)pyrene

Concen: 45.844 ng

RT: 24.824 min Scan# 3721

Delta R.T. -0.018 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

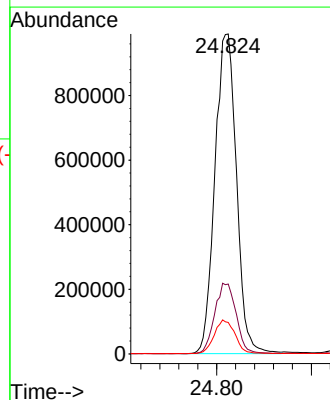
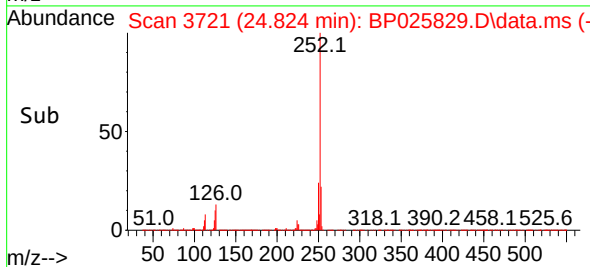
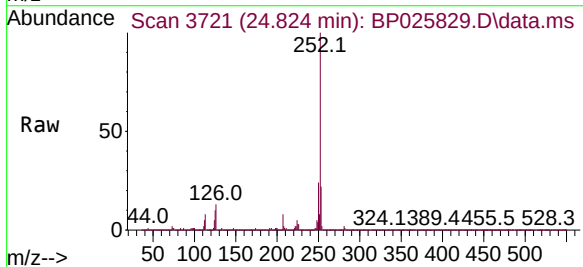
Tgt Ion:252 Resp: 3124450

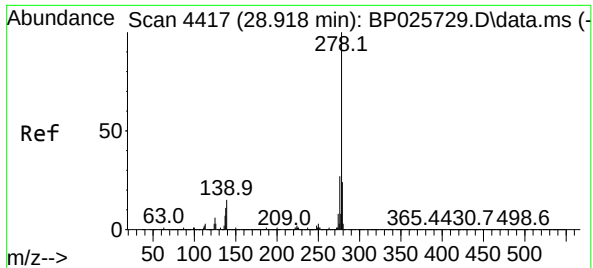
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 9.8 8.3 12.5



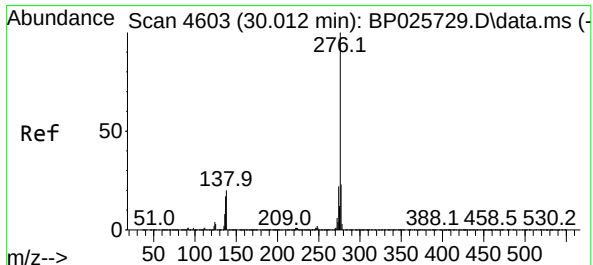
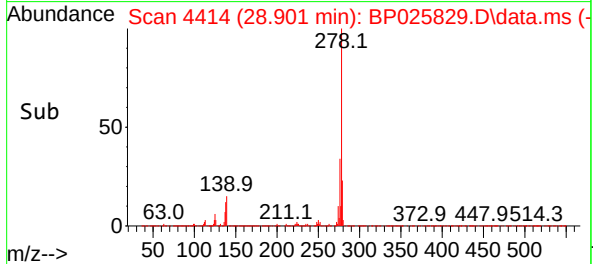
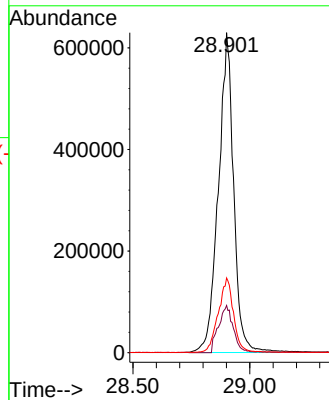
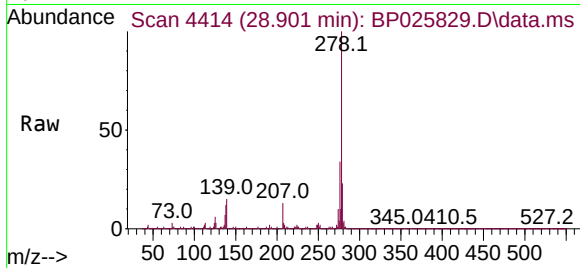


#91
 Dibenzo(a,h)anthracene
 Concen: 42.208 ng
 RT: 28.901 min Scan# 4417
 Delta R.T. -0.018 min
 Lab File: BP025829.D
 Acq: 23 Sep 2025 14:29

Instrument :
 BNA_P
 ClientSampleId :
 PB169774BS

Tgt Ion:278 Resp: 2858622

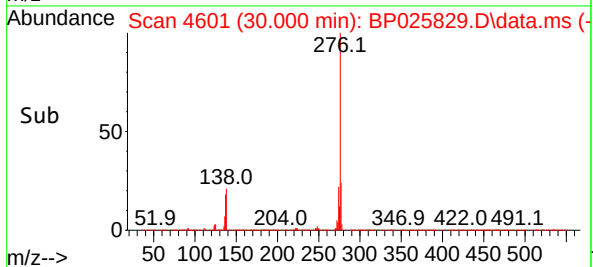
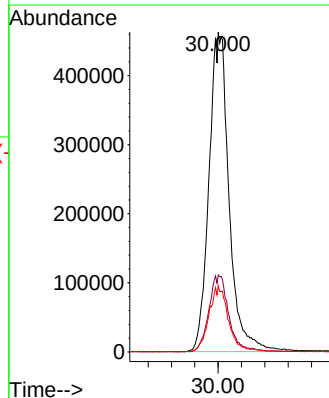
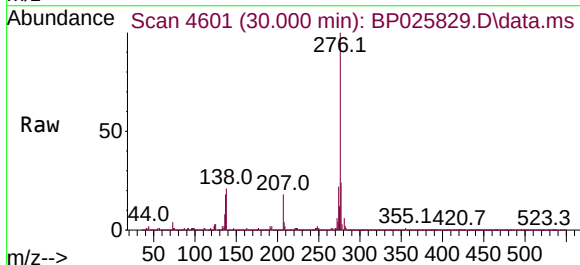
Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.1	18.1
279	23.3	19.6	29.4



#92
 Benzo(g,h,i)perylene
 Concen: 41.477 ng
 RT: 30.000 min Scan# 4601
 Delta R.T. -0.012 min
 Lab File: BP025829.D
 Acq: 23 Sep 2025 14:29

Tgt Ion:276 Resp: 2762595

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.7	28.1
138	20.6	16.0	24.0



Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	OR-500-COMP-40MS	SDG No.:	Q3155
Lab Sample ID:	Q3153-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.8
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025835.D	1	09/22/25 09:30	09/23/25 18:41	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1000		15.7	120	ug/Kg
86-73-7	Fluorene	1000		17.5	120	ug/Kg
85-01-8	Phenanthrene	1000		14.4	120	ug/Kg
120-12-7	Anthracene	1000		23.0	120	ug/Kg
129-00-0	Pyrene	1100		24.9	120	ug/Kg
56-55-3	Benzo(a)anthracene	1000		15.9	120	ug/Kg
218-01-9	Chrysene	1000		13.8	120	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		13.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	1000		20.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		20.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		17.8	120	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	57.1		18 - 107	57%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.9		20 - 109	49%	SPK: 100
1718-51-0	Terphenyl-d14	56.1		10 - 105	56%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	186000	7.748			
1146-65-2	Naphthalene-d8	779000	10.513			
15067-26-2	Acenaphthene-d10	543000	14.372			
1517-22-2	Phenanthrene-d10	1060000	17.177			
1719-03-5	Chrysene-d12	916000	21.63			
1520-96-3	Perylene-d12	1000000	24.983			

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	OR-500-COMP-40MS	SDG No.:	Q3155
Lab Sample ID:	Q3153-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.8
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025835.D	1	09/22/25 09:30	09/23/25 18:41	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP092325\
 Data File : BP025835.D
 Acq On : 23 Sep 2025 18:41
 Operator : CG/JU
 Sample : Q3153-05MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-500-COMP-40MS

Quant Time: Sep 23 19:02:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.748	152	185533	20.000	ng	-0.01
21) Naphthalene-d8	10.513	136	778843	20.000	ng	-0.01
39) Acenaphthene-d10	14.372	164	542949	20.000	ng	0.00
64) Phenanthrene-d10	17.177	188	1061855	20.000	ng	0.00
76) Chrysene-d12	21.630	240	915774	20.000	ng	-0.01
86) Perylene-d12	24.983	264	1000886	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1221294	106.214	ng	0.00
7) Phenol-d6	6.948	99	1620877	106.054	ng	0.00
23) Nitrobenzene-d5	8.895	82	1008582	57.123	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	669768	98.900	ng	-0.01
45) 2-Fluorobiphenyl	12.978	172	1995004	48.925	ng	-0.01
79) Terphenyl-d14	19.901	244	2856312	56.111	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.302	88	158243	32.790	ng	100
3) Pyridine	3.702	79	456011	34.316	ng	96
4) n-Nitrosodimethylamine	3.607	42	247598	39.487	ng	94
6) Aniline	7.090	93	642202	30.610	ng	99
8) 2-Chlorophenol	7.331	128	605842	48.029	ng	98
9) Benzaldehyde	6.901	77	351617	38.383	ng	98
10) Phenol	6.978	94	753571	46.760	ng	97
11) bis(2-Chloroethyl)ether	7.178	93	566234	43.733	ng	96
12) 1,3-Dichlorobenzene	7.643	146	621228	43.271	ng	98
13) 1,4-Dichlorobenzene	7.784	146	631436	43.178	ng	98
14) 1,2-Dichlorobenzene	8.095	146	618252	43.518	ng	98
15) Benzyl Alcohol	7.995	79	568826	45.041	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.266	45	928898	43.870	ng	98
17) 2-Methylphenol	8.207	107	515645	47.458	ng	98
18) Hexachloroethane	8.813	117	259942	46.535	ng	98
19) n-Nitroso-di-n-propyla...	8.548	70	473018	44.373	ng	98
20) 3+4-Methylphenols	8.531	107	697791	45.858	ng	99
22) Acetophenone	8.566	105	1011017	48.575	ng	# 98
24) Nitrobenzene	8.937	77	689791	43.549	ng	97
25) Isophorone	9.460	82	1337131	43.086	ng	98
26) 2-Nitrophenol	9.642	139	336132	47.797	ng	94
27) 2,4-Dimethylphenol	9.713	122	579607	46.980	ng	99
28) bis(2-Chloroethoxy)met...	9.931	93	809394	45.118	ng	98
29) 2,4-Dichlorophenol	10.189	162	599729	48.754	ng	100
30) 1,2,4-Trichlorobenzene	10.384	180	620051	44.726	ng	99
31) Naphthalene	10.566	128	1828945	43.551	ng	98
32) Benzoic acid	9.907	122	482441	52.596	ng	98
33) 4-Chloroaniline	10.684	127	334376	19.103	ng	99
34) Hexachlorobutadiene	10.848	225	400265	44.851	ng	99
35) Caprolactam	11.489	113	201916	42.582	ng	97
36) 4-Chloro-3-methylphenol	11.831	107	670998	45.753	ng	98
37) 2-Methylnaphthalene	12.172	142	1213176	44.977	ng	99
38) 1-Methylnaphthalene	12.407	142	1264939	43.977	ng	98
40) 1,2,4,5-Tetrachloroben...	12.548	216	820790	49.888	ng	99
41) Hexachlorocyclopentadiene	12.525	237	646359	72.132	ng	99
43) 2,4,6-Trichlorophenol	12.807	196	516683	47.770	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
 Data File : BP025835.D
 Acq On : 23 Sep 2025 18:41
 Operator : CG/JU
 Sample : Q3153-05MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-500-COMP-40MS

Quant Time: Sep 23 19:02:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

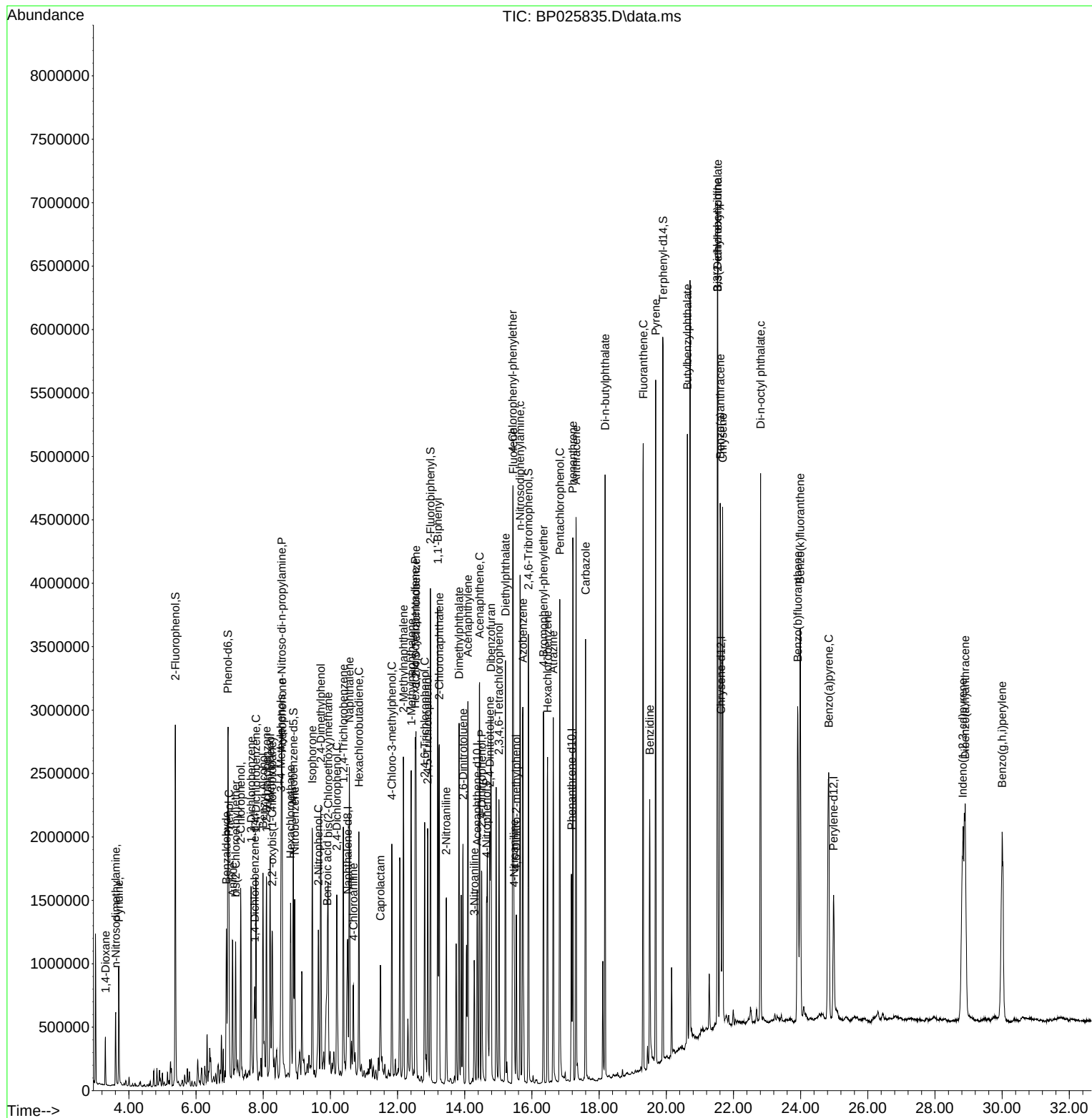
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	558959	46.435	ng	98
46) 1,1'-Biphenyl	13.195	154	1938288	48.636	ng	100
47) 2-Chloronaphthalene	13.242	162	1383490	44.088	ng	98
48) 2-Nitroaniline	13.448	65	462913	44.254	ng	99
49) Acenaphthylene	14.095	152	2320876	44.638	ng	100
50) Dimethylphthalate	13.830	163	1816929	43.832	ng	100
51) 2,6-Dinitrotoluene	13.948	165	392775	44.723	ng	98
52) Acenaphthene	14.442	154	1302208	43.430	ng	100
53) 3-Nitroaniline	14.283	138	266886	28.898	ng	97
54) 2,4-Dinitrophenol	14.507	184	418688	73.727	ng	97
55) Dibenzofuran	14.777	168	2133886	43.666	ng	98
56) 4-Nitrophenol	14.648	139	574100	72.623	ng	96
57) 2,4-Dinitrotoluene	14.748	165	563759	45.106	ng	94
58) Fluorene	15.442	166	1704140	43.854	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	488665	45.065	ng	97
60) Diethylphthalate	15.213	149	1888547	44.915	ng	99
61) 4-Chlorophenyl-phenyle...	15.430	204	876026	44.732	ng	96
62) 4-Nitroaniline	15.472	138	389612	41.180	ng	97
63) Azobenzene	15.730	77	1978890	48.673	ng	98
65) 4,6-Dinitro-2-methylph...	15.536	198	301041	42.630	ng	95
66) n-Nitrosodiphenylamine	15.648	169	1517394	46.696	ng	100
67) 4-Bromophenyl-phenylether	16.342	248	559305	47.946	ng	98
68) Hexachlorobenzene	16.466	284	606055	46.588	ng	96
69) Atrazine	16.636	200	591977	47.658	ng	98
70) Pentachlorophenol	16.830	266	747253	87.033	ng	99
71) Phenanthrene	17.218	178	2601634	43.192	ng	99
72) Anthracene	17.318	178	2711056	44.359	ng	99
73) Carbazole	17.595	167	2437888	42.906	ng	100
74) Di-n-butylphthalate	18.177	149	3365104	48.261	ng	100
75) Fluoranthene	19.313	202	3014541	41.729	ng	100
77) Benzidine	19.507	184	1508877	57.200	ng	100
78) Pyrene	19.683	202	3030748	49.599	ng	99
80) Butylbenzylphthalate	20.630	149	1444373	53.910	ng	98
81) Benzo(a)anthracene	21.607	228	2856867	45.568	ng	100
82) 3,3'-Dichlorobenzidine	21.524	252	847697	39.104	ng	99
83) Chrysene	21.677	228	2641572	44.200	ng	99
84) Bis(2-ethylhexyl)phtha...	21.530	149	2103785	53.670	ng	99
85) Di-n-octyl phthalate	22.806	149	3566683	51.153	ng	99
87) Indeno(1,2,3-cd)pyrene	28.830	276	3305488	45.414	ng	# 82
88) Benzo(b)fluoranthene	23.912	252	2770396	45.263	ng	99
89) Benzo(k)fluoranthene	23.989	252	2797880	44.797	ng	100
90) Benzo(a)pyrene	24.836	252	2665693	44.473	ng	99
91) Dibenzo(a,h)anthracene	28.900	278	2709752	45.494	ng	99
92) Benzo(g,h,i)perylene	30.000	276	2666848	45.527	ng	99

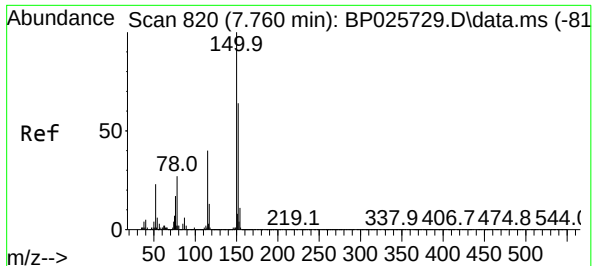
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : BP025835.D
 Acq On : 23 Sep 2025 18:41
 Operator : CG/JU
 Sample : Q3153-05MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-500-COMP-40MS

Quant Time: Sep 23 19:02:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

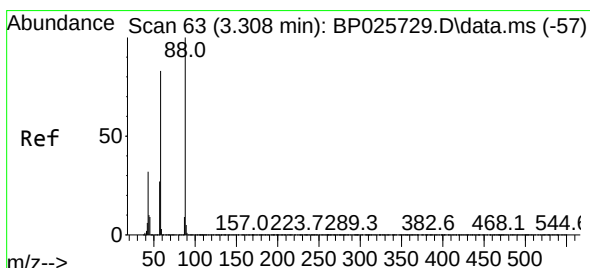
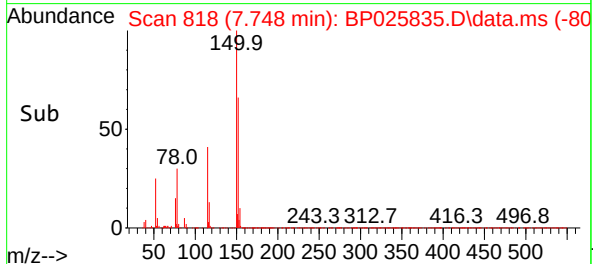
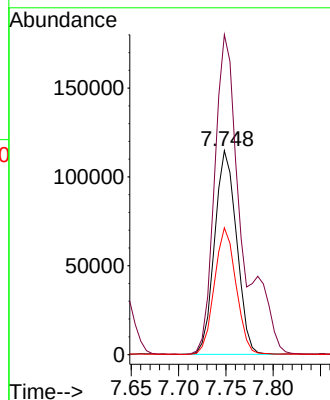
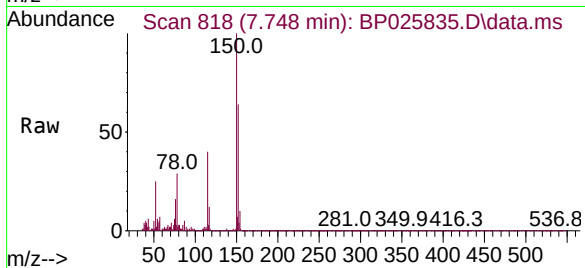




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.748 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

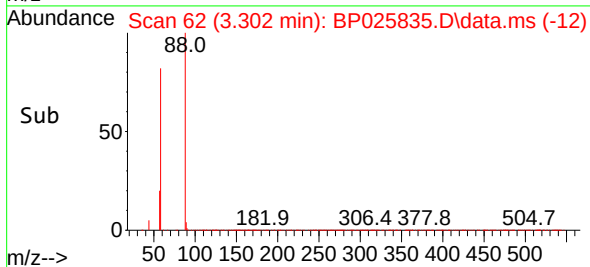
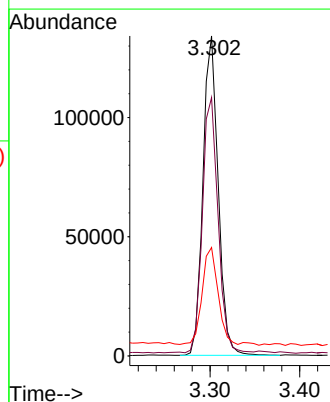
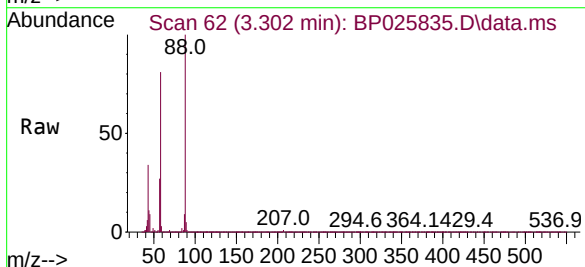
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

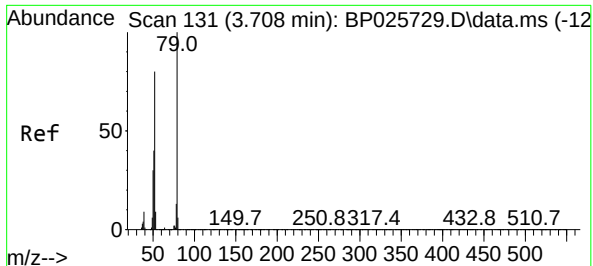
Tgt Ion:152 Resp: 185533
Ion Ratio Lower Upper
152 100
150 156.9 124.3 186.5
115 62.2 50.3 75.5



#2
1,4-Dioxane
Concen: 32.790 ng
RT: 3.302 min Scan# 62
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion: 88 Resp: 158243
Ion Ratio Lower Upper
88 100
58 81.8 65.5 98.3
43 31.3 25.2 37.8

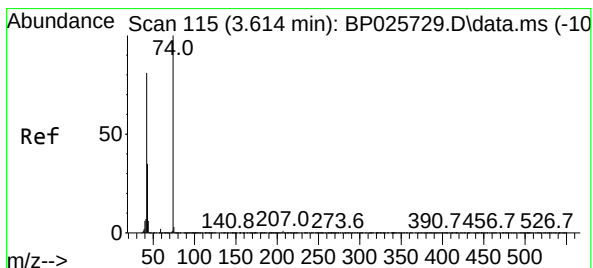
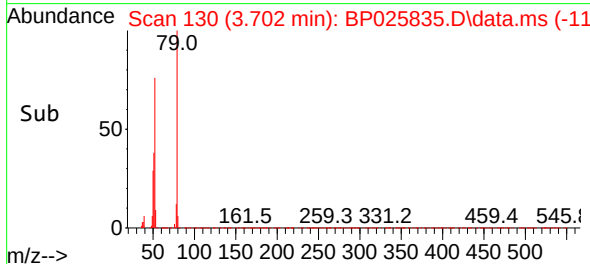
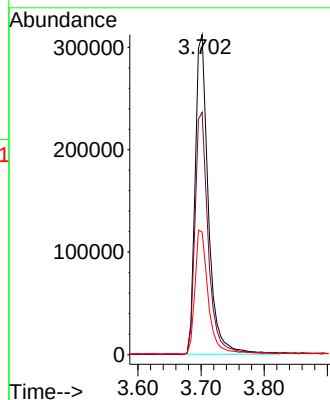
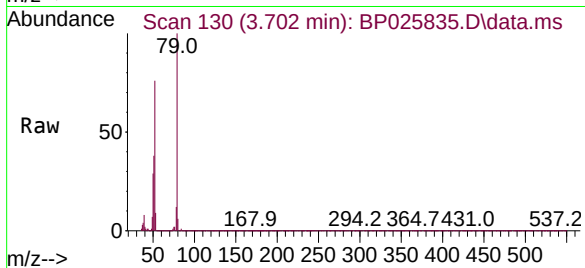




#3
Pyridine
Concen: 34.316 ng
RT: 3.702 min Scan# 113
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

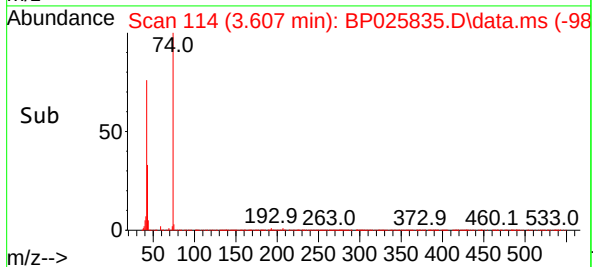
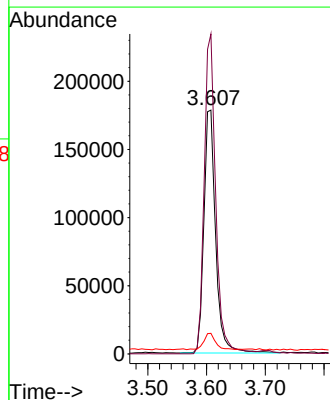
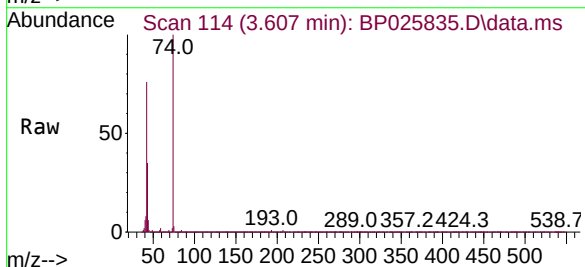
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

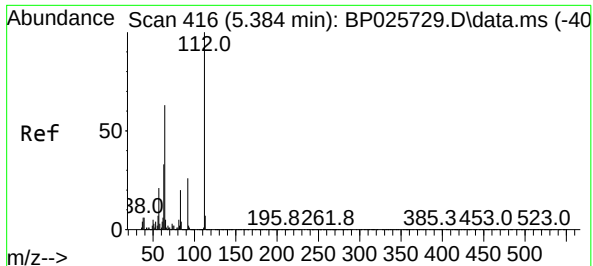
Tgt Ion: 79 Resp: 456011
Ion Ratio Lower Upper
79 100
52 75.7 63.7 95.5
51 38.3 32.4 48.6



#4
n-Nitrosodimethylamine
Concen: 39.487 ng
RT: 3.607 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion: 42 Resp: 247598
Ion Ratio Lower Upper
42 100
74 131.3 99.2 148.8
44 8.4 6.4 9.6

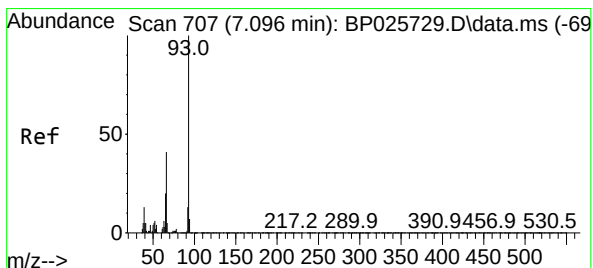
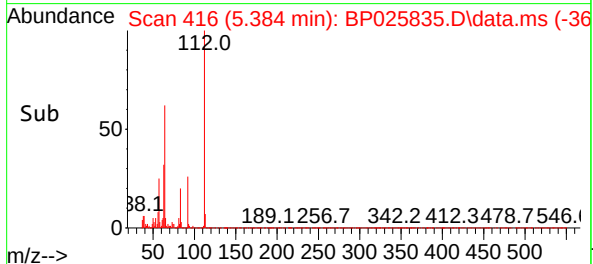
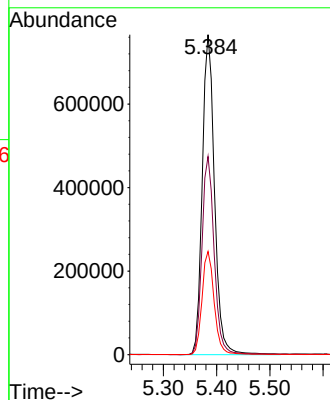
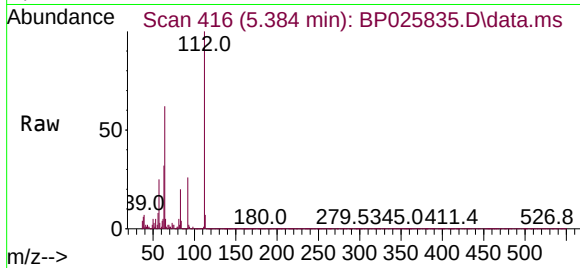




#5
2-Fluorophenol
Concen: 106.214 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

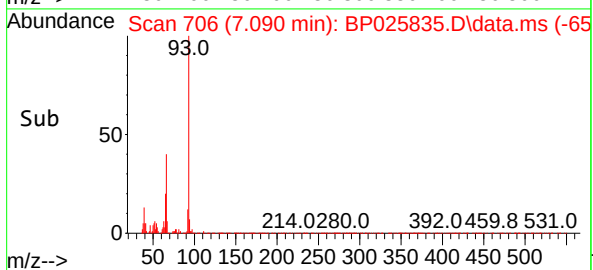
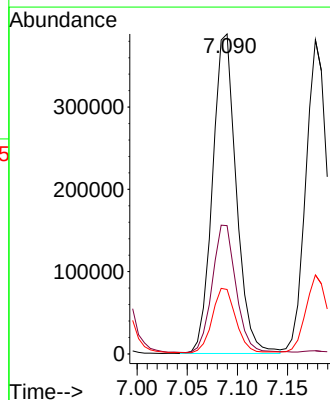
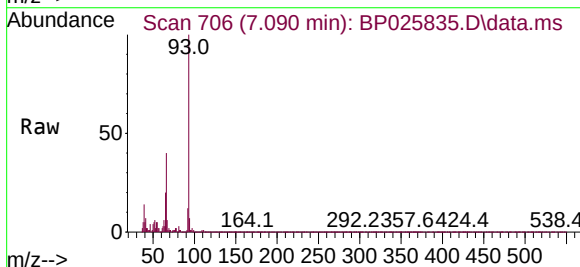
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

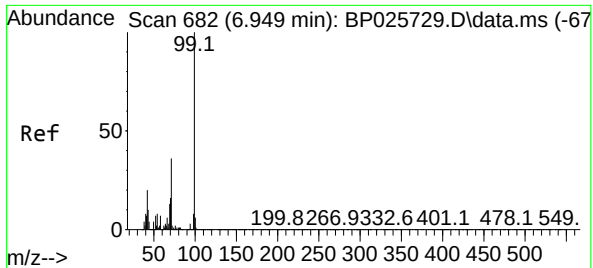
Tgt Ion:112 Resp: 1221294
Ion Ratio Lower Upper
112 100
64 61.9 50.2 75.4
63 32.2 26.7 40.1



#6
Aniline
Concen: 30.610 ng
RT: 7.090 min Scan# 706
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion: 93 Resp: 642202
Ion Ratio Lower Upper
93 100
66 40.1 32.6 49.0
65 20.1 16.2 24.2

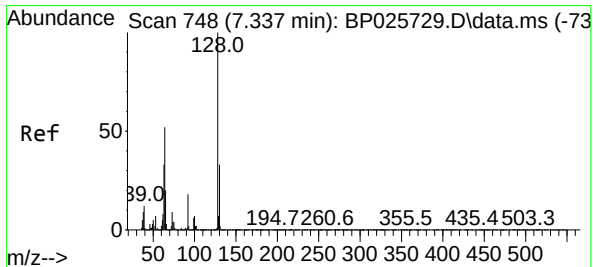
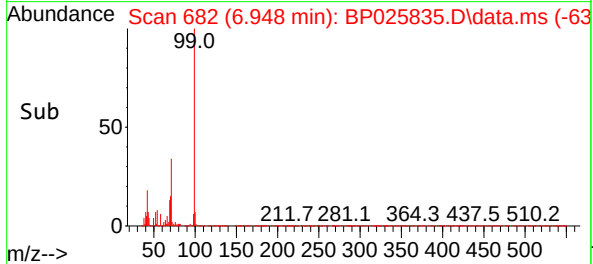
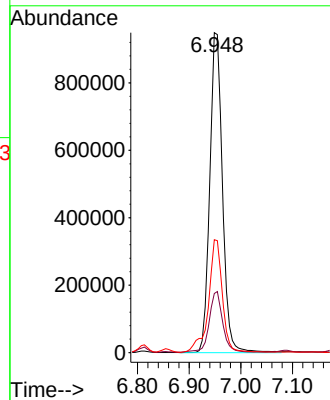
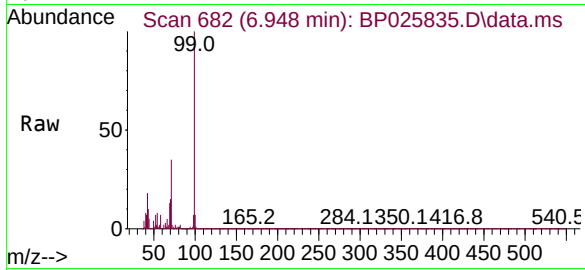




#7
Phenol-d6
Concen: 106.054 ng
RT: 6.948 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

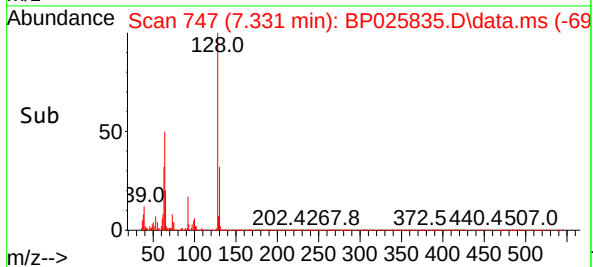
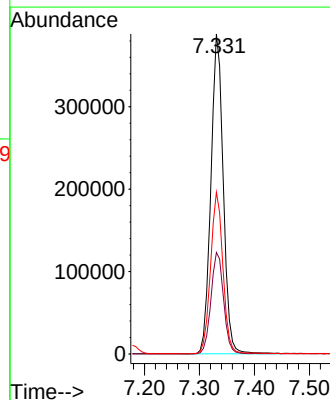
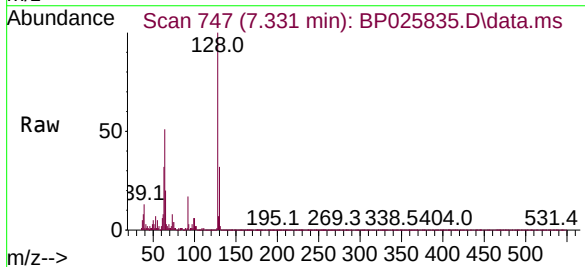
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

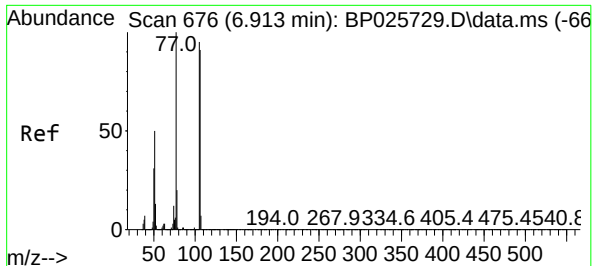
Tgt Ion: 99 Resp: 1620877
Ion Ratio Lower Upper
99 100
42 18.5 15.6 23.4
71 35.3 28.6 43.0



#8
2-Chlorophenol
Concen: 48.029 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion: 128 Resp: 605842
Ion Ratio Lower Upper
128 100
130 31.7 12.6 52.6
64 50.5 31.6 71.6

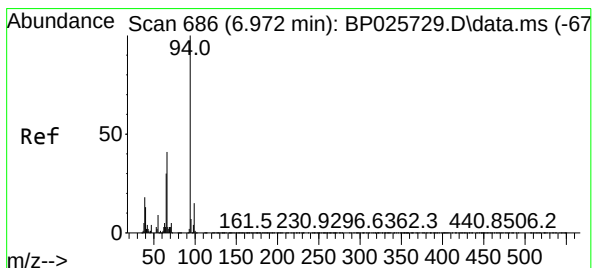
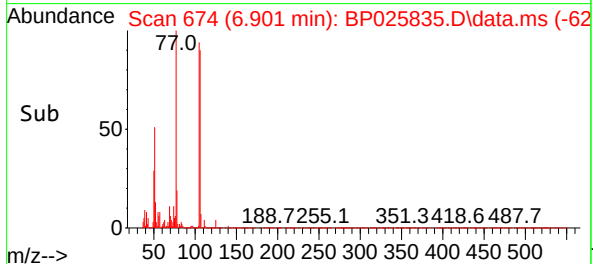
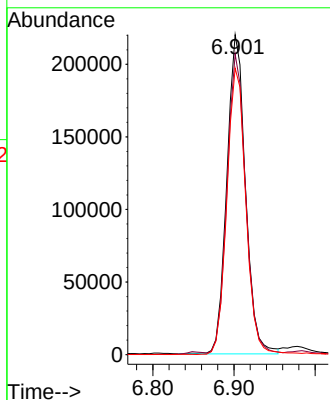
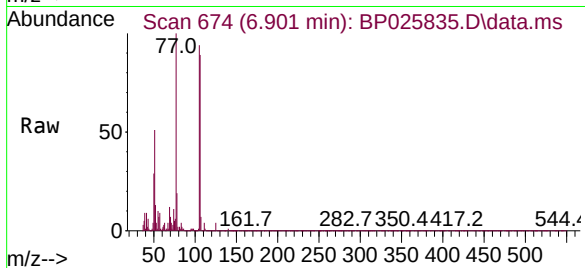




#9
Benzaldehyde
Concen: 38.383 ng
RT: 6.901 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

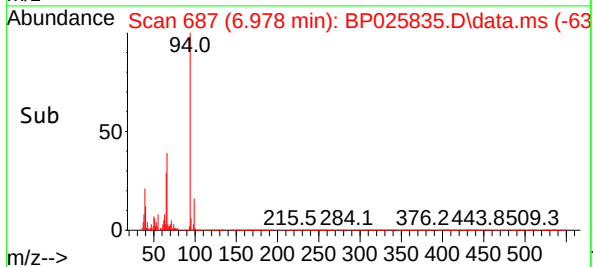
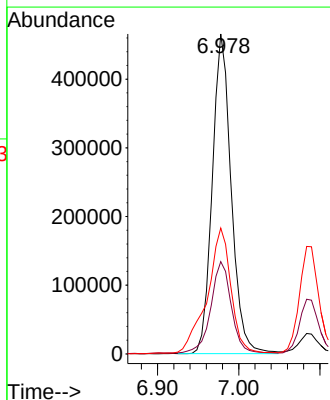
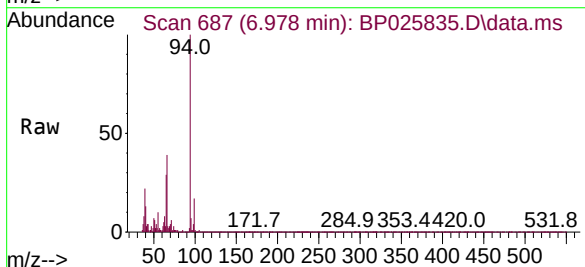
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

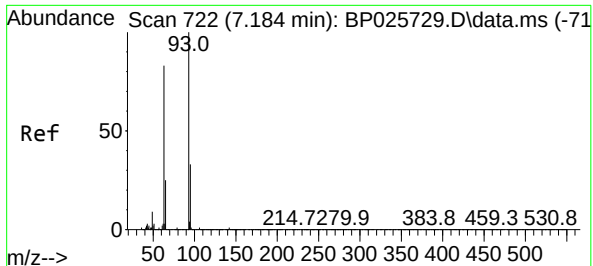
Tgt Ion: 77 Resp: 351617
Ion Ratio Lower Upper
77 100
105 93.9 75.2 115.2
106 89.5 71.3 111.3



#10
Phenol
Concen: 46.760 ng
RT: 6.978 min Scan# 687
Delta R.T. 0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion: 94 Resp: 753571
Ion Ratio Lower Upper
94 100
65 28.8 10.2 50.2
66 39.3 21.4 61.4

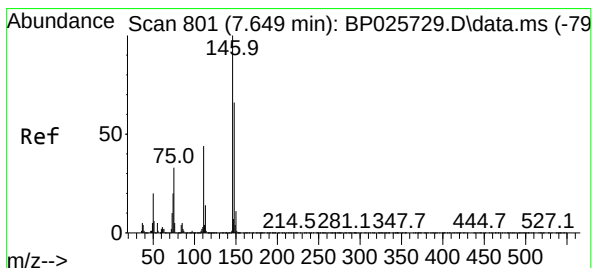
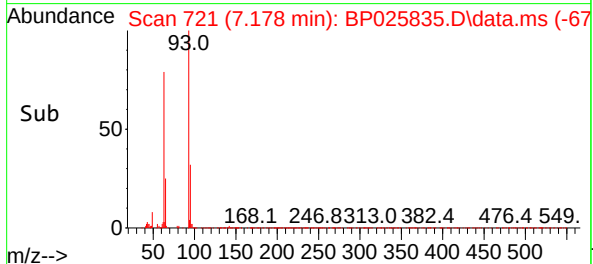
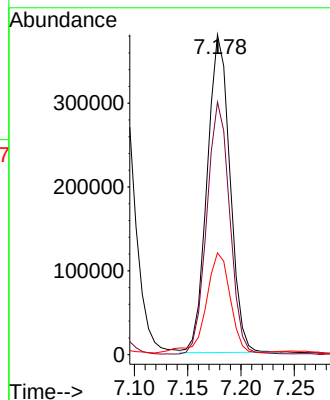
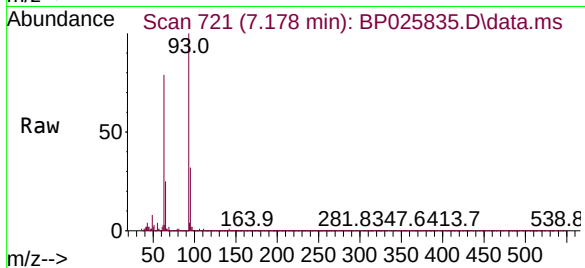




#11
bis(2-Chloroethyl)ether
Concen: 43.733 ng
RT: 7.178 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

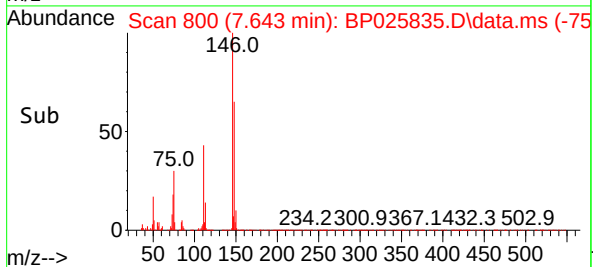
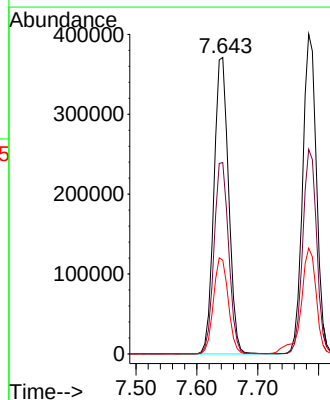
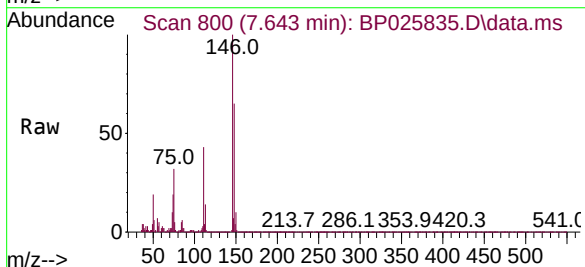
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

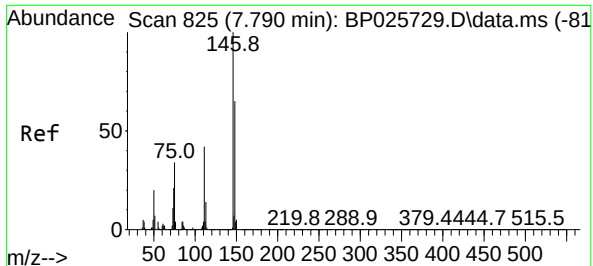
Tgt Ion: 93 Resp: 566234
Ion Ratio Lower Upper
93 100
63 78.9 62.6 102.6
95 31.8 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 43.271 ng
RT: 7.643 min Scan# 800
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion:146 Resp: 621228
Ion Ratio Lower Upper
146 100
148 64.5 52.7 79.1
75 31.6 26.4 39.6

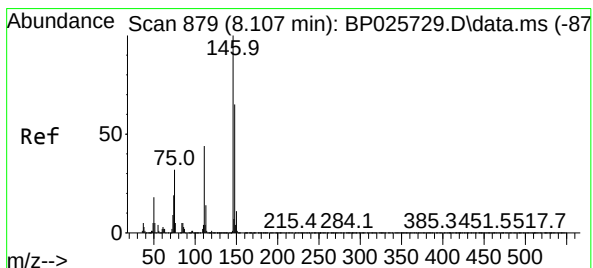
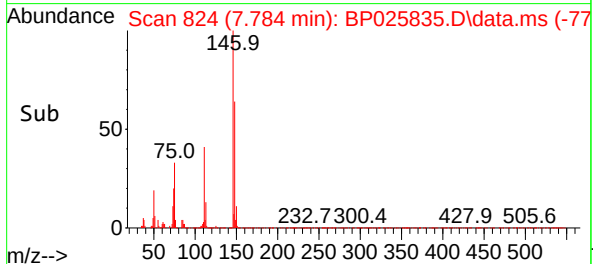
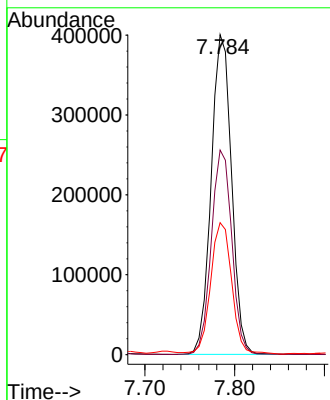
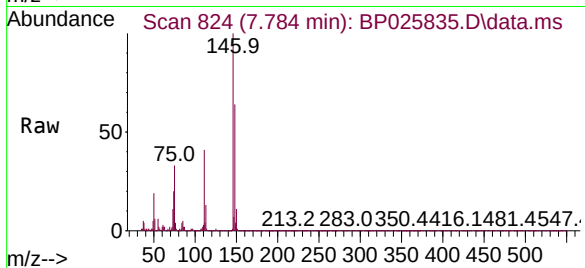




#13
1,4-Dichlorobenzene
Concen: 43.178 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

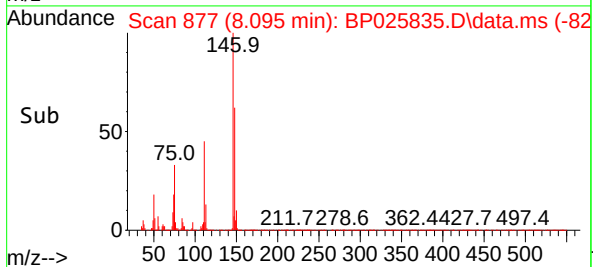
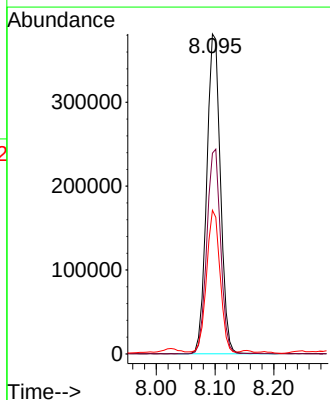
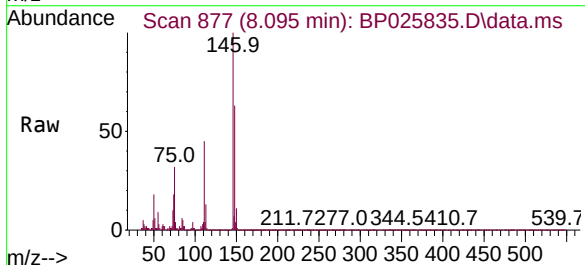
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

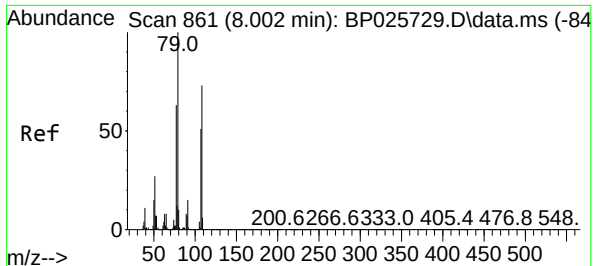
Tgt Ion:146 Resp: 631436
Ion Ratio Lower Upper
146 100
148 63.9 52.0 78.0
111 41.2 33.9 50.9



#14
1,2-Dichlorobenzene
Concen: 43.518 ng
RT: 8.095 min Scan# 877
Delta R.T. -0.012 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion:146 Resp: 618252
Ion Ratio Lower Upper
146 100
148 62.7 51.7 77.5
111 44.9 35.5 53.3

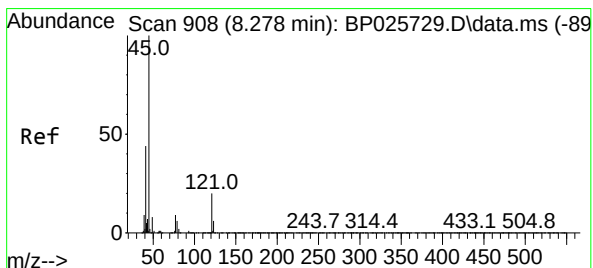
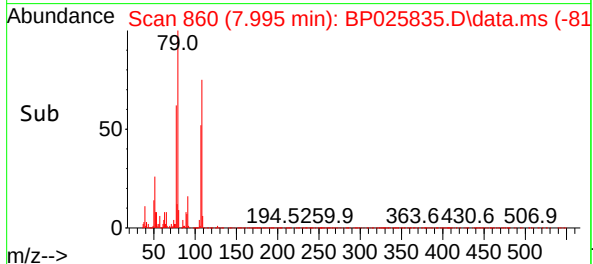
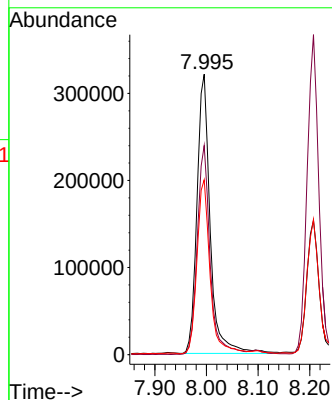
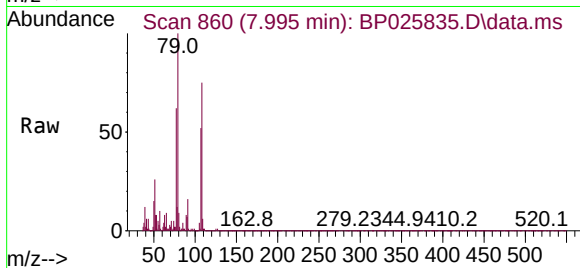




#15
Benzyl Alcohol
Concen: 45.041 ng
RT: 7.995 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

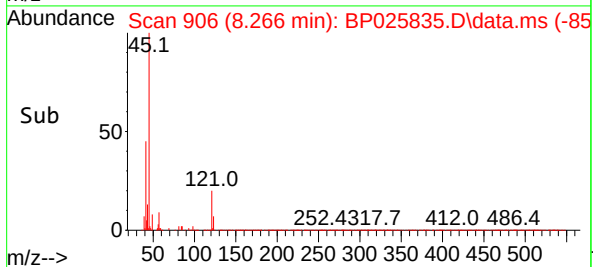
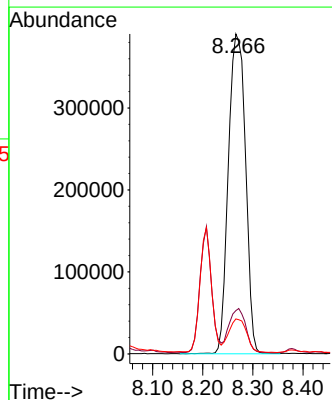
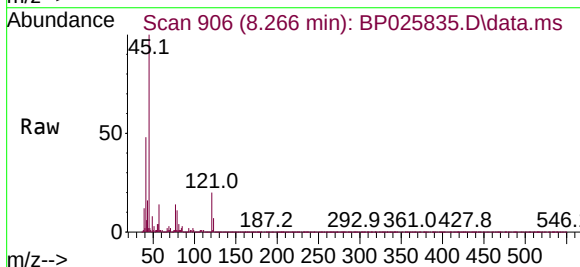
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

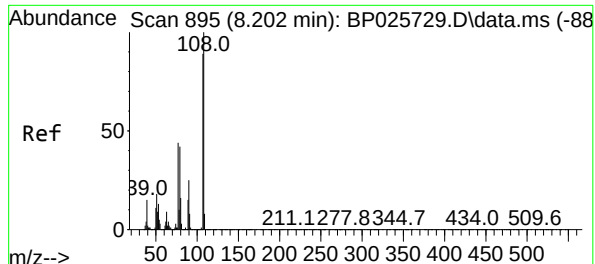
Tgt Ion: 79 Resp: 568826
Ion Ratio Lower Upper
79 100
108 74.5 58.7 88.1
77 62.4 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.870 ng
RT: 8.266 min Scan# 906
Delta R.T. -0.012 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion: 45 Resp: 928898
Ion Ratio Lower Upper
45 100
77 13.5 0.0 33.1
79 10.9 0.0 30.0

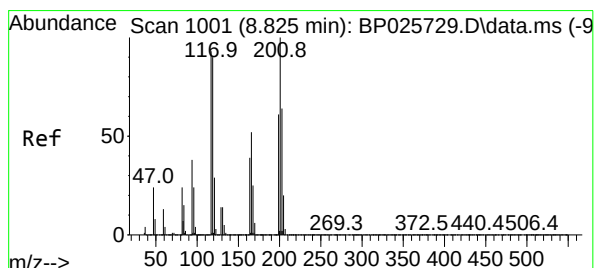
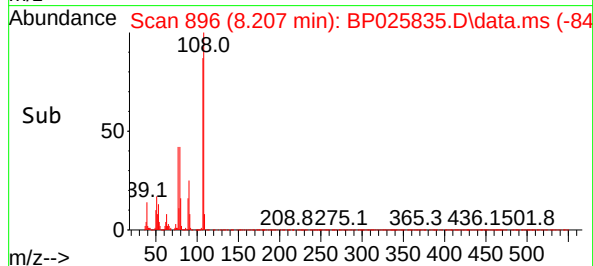
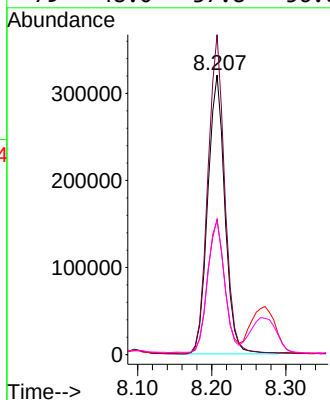
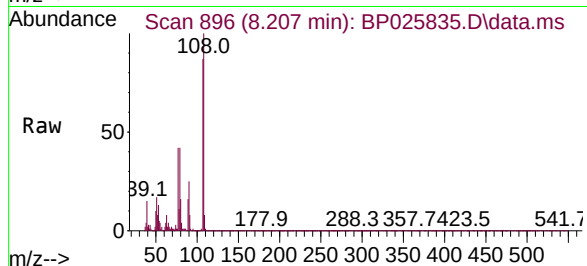




#17
2-Methylphenol
Concen: 47.458 ng
RT: 8.207 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

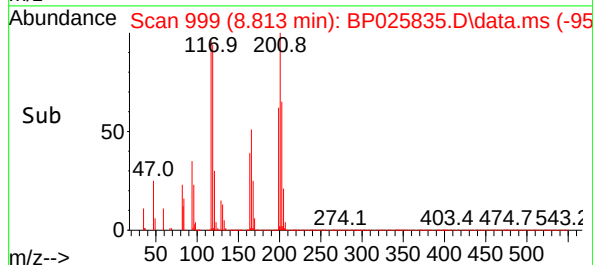
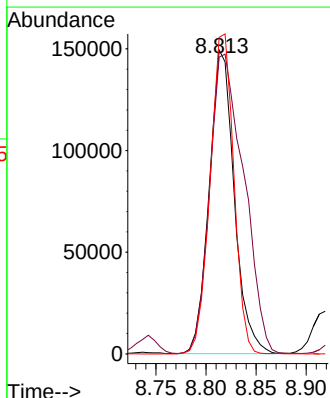
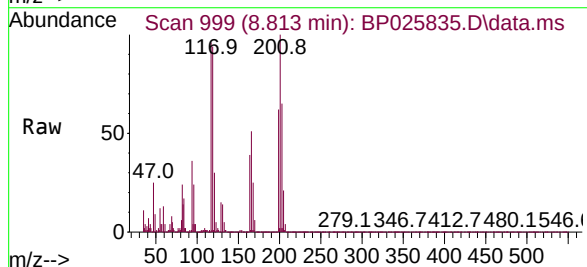
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

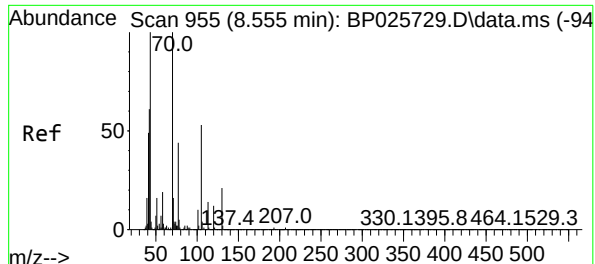
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.5	89.6	134.4
77	48.4	39.3	58.9
79	48.0	37.8	56.6



#18
Hexachloroethane
Concen: 46.535 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.1	115.7
201	104.1	85.6	128.4





#19

n-Nitroso-di-n-propylamine

Concen: 44.373 ng

RT: 8.548 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP025835.D

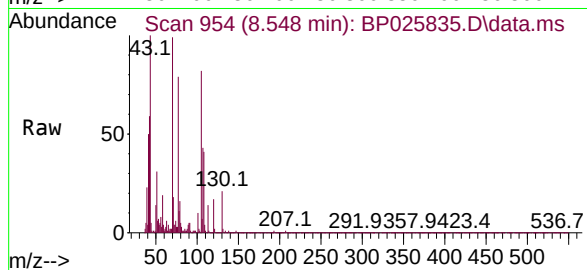
Acq: 23 Sep 2025 18:41

Instrument :

BNA_P

ClientSampleId :

OR-500-COMP-40MS



Tgt Ion: 70 Resp: 473018

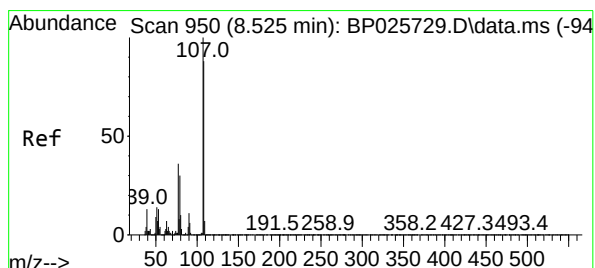
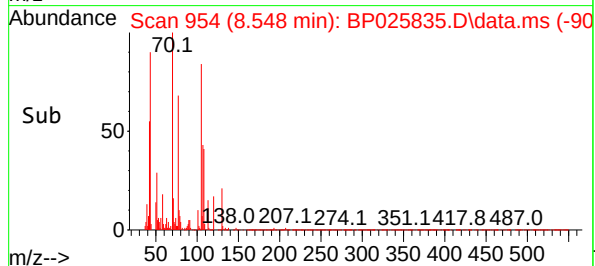
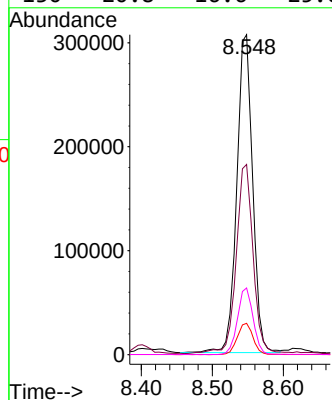
Ion Ratio Lower Upper

70 100

42 59.4 49.0 73.4

101 9.8 7.9 11.9

130 20.8 16.6 25.0



#20

3+4-Methylphenols

Concen: 45.858 ng

RT: 8.531 min Scan# 951

Delta R.T. 0.006 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

Tgt Ion:107 Resp: 697791

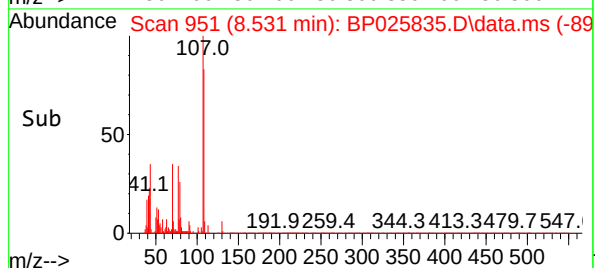
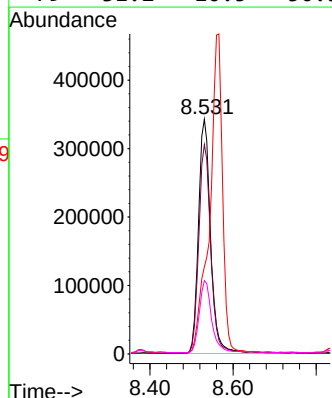
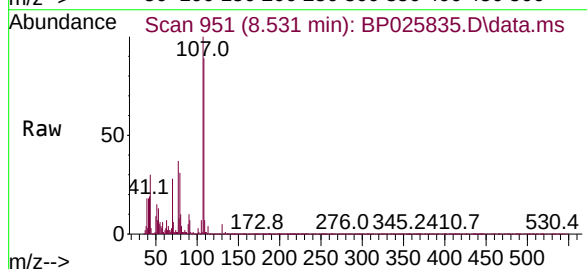
Ion Ratio Lower Upper

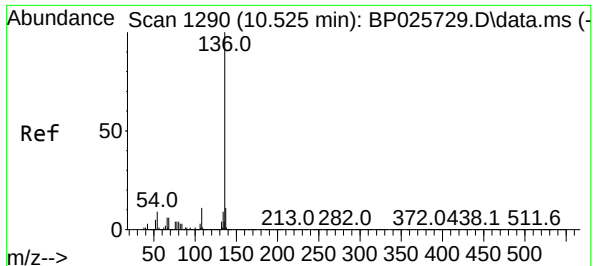
107 100

108 89.2 67.8 107.8

77 37.1 16.1 56.1

79 31.2 10.5 50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.513 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

Instrument :

BNA_P

ClientSampleId :

OR-500-COMP-40MS

Tgt Ion:136 Resp: 778843

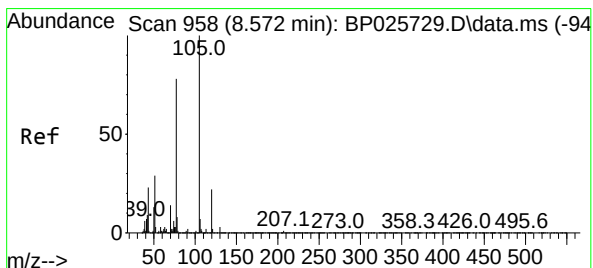
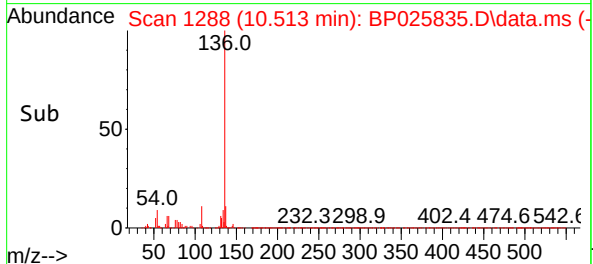
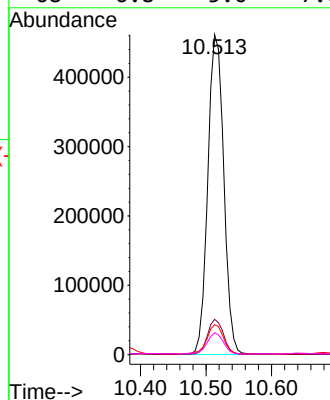
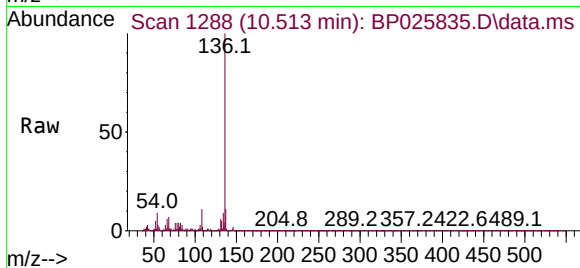
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.4 7.5 11.3

68 6.8 5.0 7.6



#22

Acetophenone

Concen: 48.575 ng

RT: 8.566 min Scan# 957

Delta R.T. -0.006 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

Tgt Ion:105 Resp: 1011017

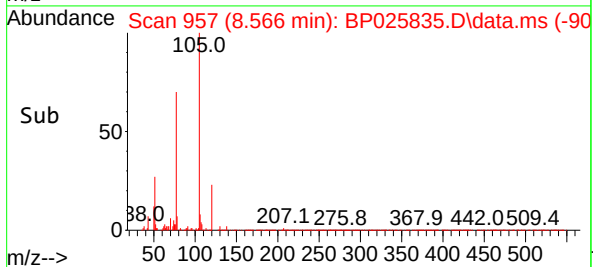
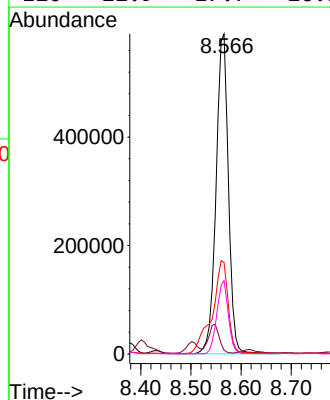
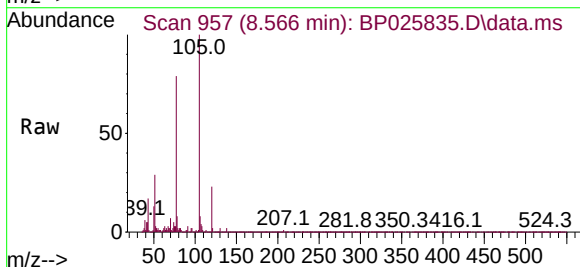
Ion Ratio Lower Upper

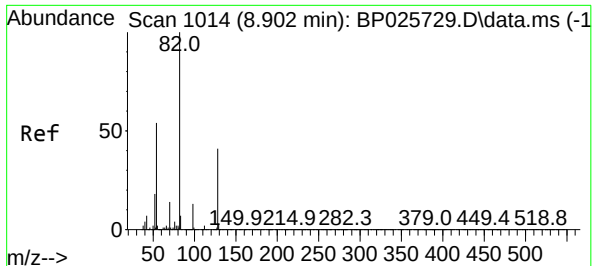
105 100

71 1.2 1.8 2.8

51 28.6 23.5 35.3

120 22.9 17.7 26.5

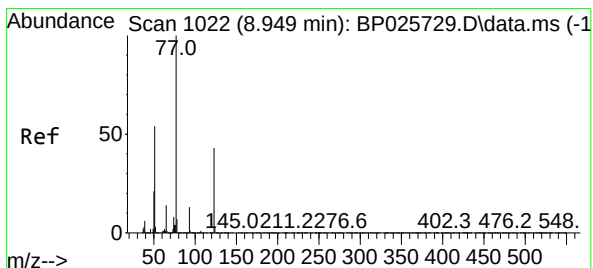
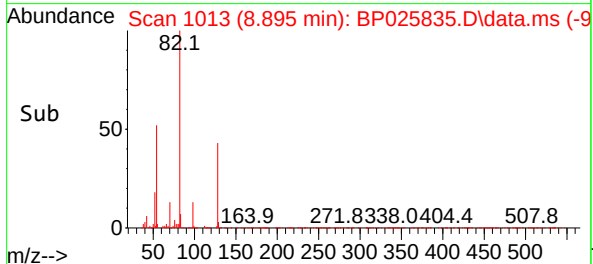
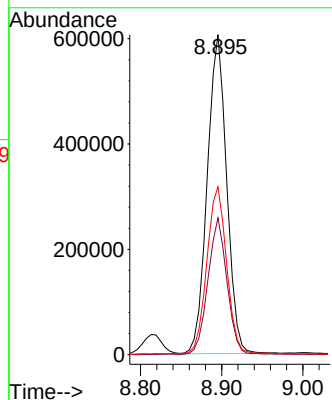
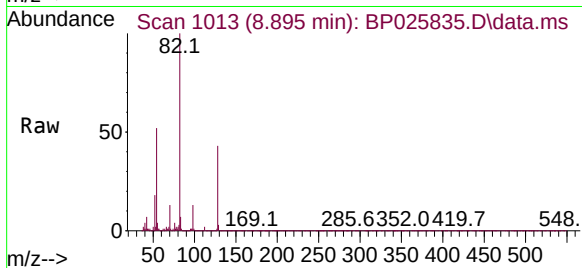




#23
Nitrobenzene-d5
Concen: 57.123 ng
RT: 8.895 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

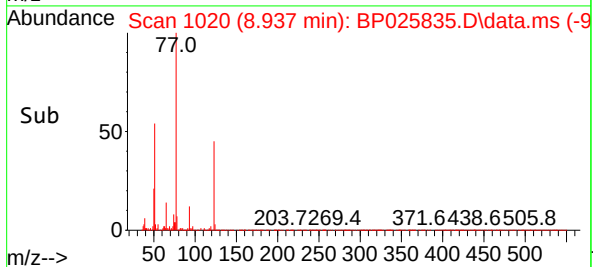
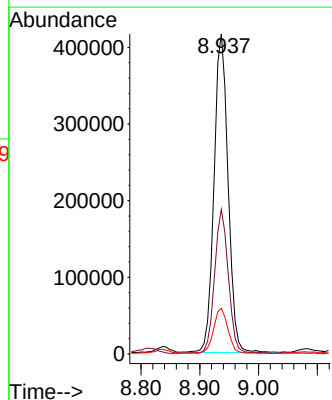
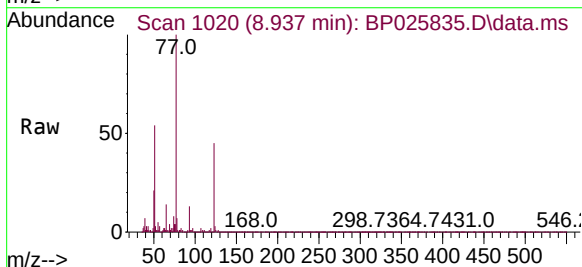
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

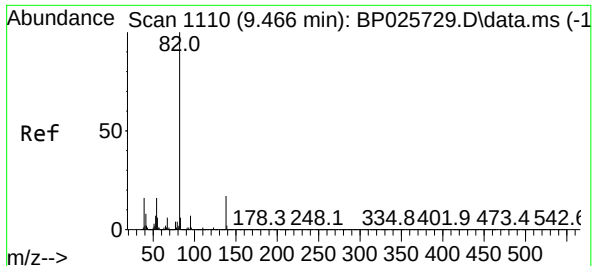
Tgt Ion: 82 Resp: 1008582
Ion Ratio Lower Upper
82 100
128 42.7 32.9 49.3
54 52.4 43.4 65.2



#24
Nitrobenzene
Concen: 43.549 ng
RT: 8.937 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion: 77 Resp: 689791
Ion Ratio Lower Upper
77 100
123 45.2 34.4 51.6
65 14.2 10.8 16.2

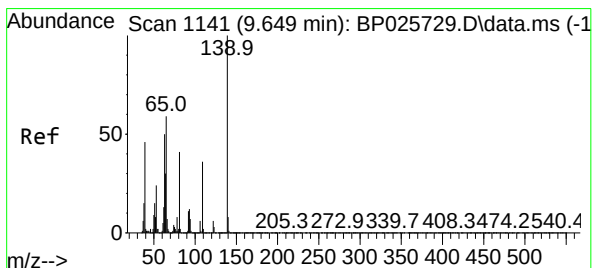
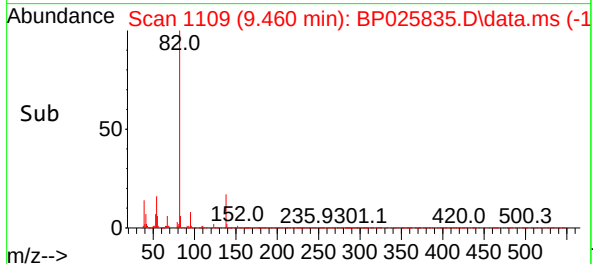
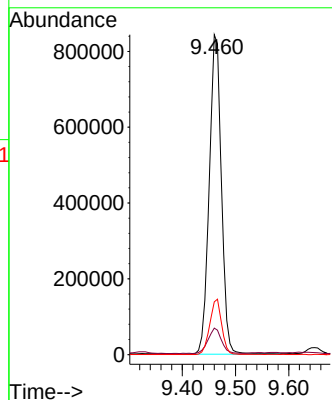
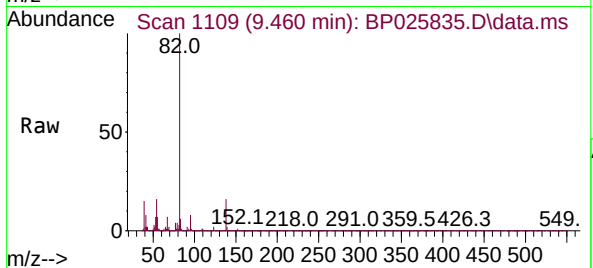




#25
Isophorone
Concen: 43.086 ng
RT: 9.460 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

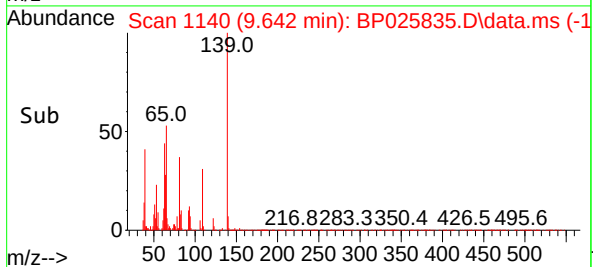
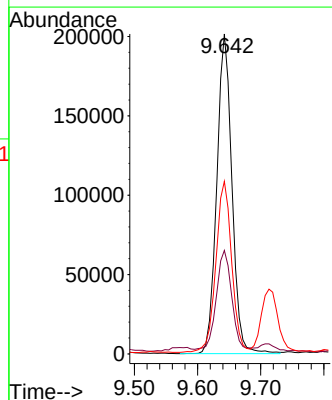
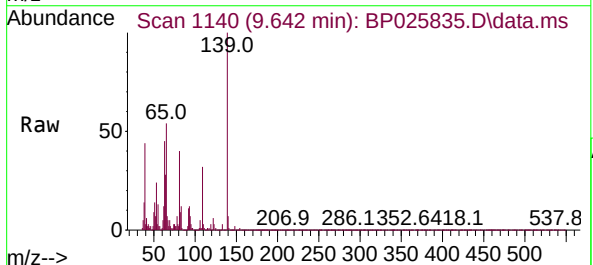
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

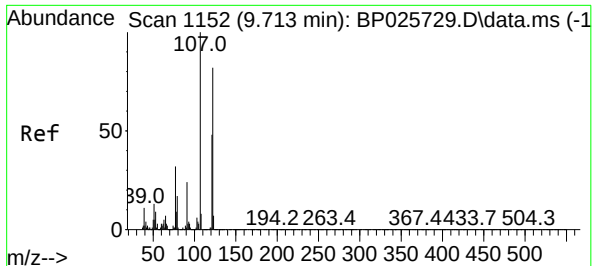
Tgt Ion: 82 Resp: 1337131
Ion Ratio Lower Upper
82 100
95 8.3 5.8 8.8
138 16.5 13.5 20.3



#26
2-Nitrophenol
Concen: 47.797 ng
RT: 9.642 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion: 139 Resp: 336132
Ion Ratio Lower Upper
139 100
109 32.3 29.0 43.4
65 54.0 46.9 70.3

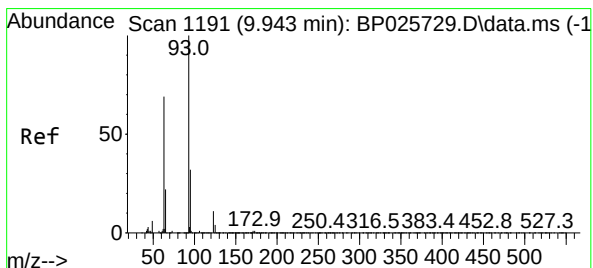
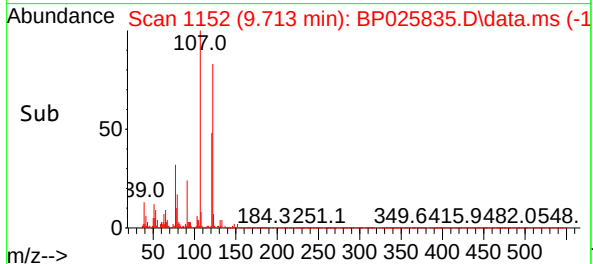
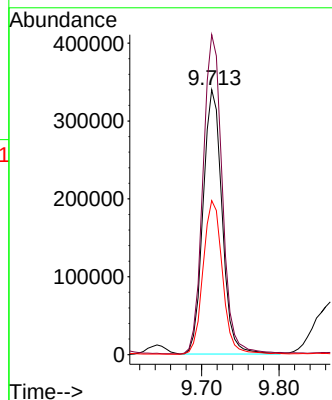
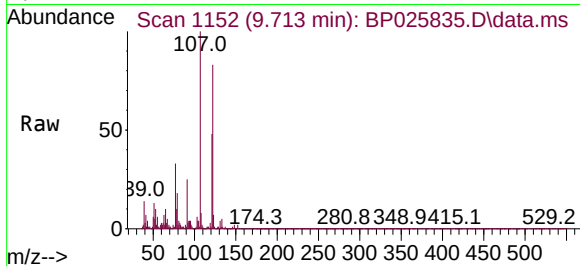




#27
2,4-Dimethylphenol
Concen: 46.980 ng
RT: 9.713 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

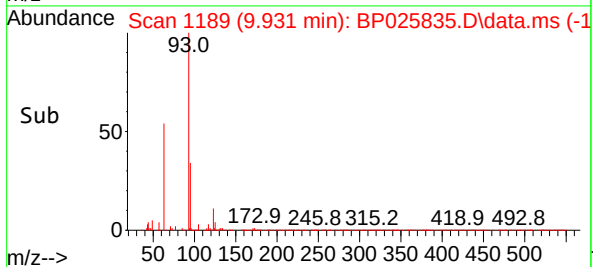
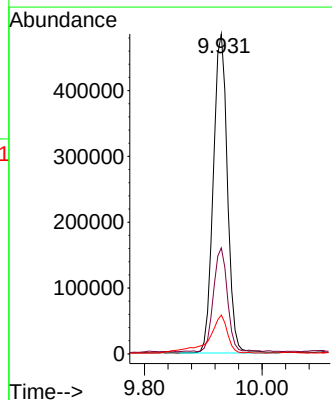
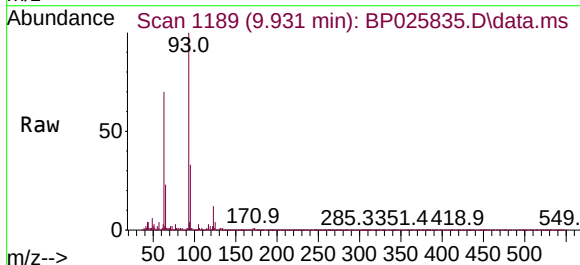
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

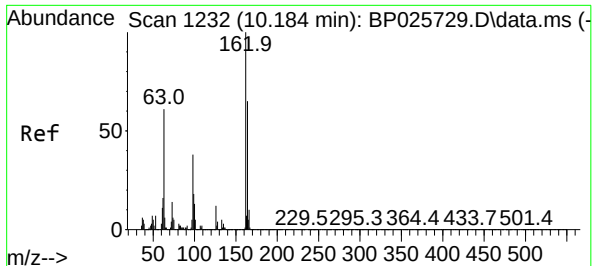
Tgt Ion:122 Resp: 579607
Ion Ratio Lower Upper
122 100
107 120.8 97.9 146.9
121 58.1 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.118 ng
RT: 9.931 min Scan# 1189
Delta R.T. -0.012 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion: 93 Resp: 809394
Ion Ratio Lower Upper
93 100
95 33.1 25.6 38.4
123 12.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 48.754 ng

RT: 10.189 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

Instrument :

BNA_P

ClientSampleId :

OR-500-COMP-40MS

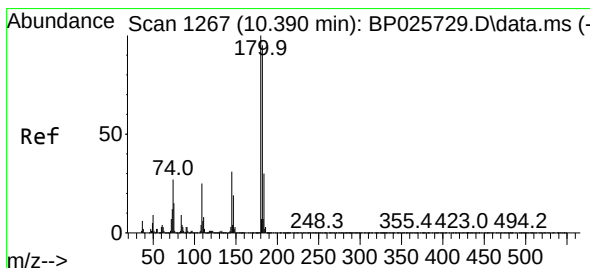
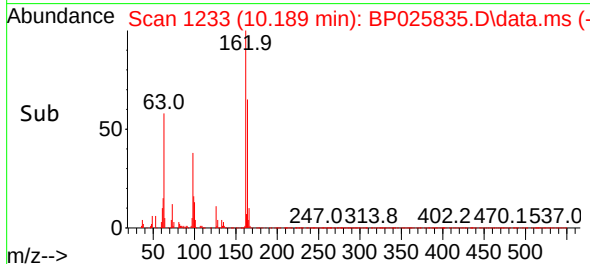
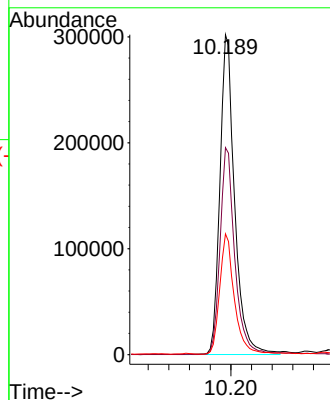
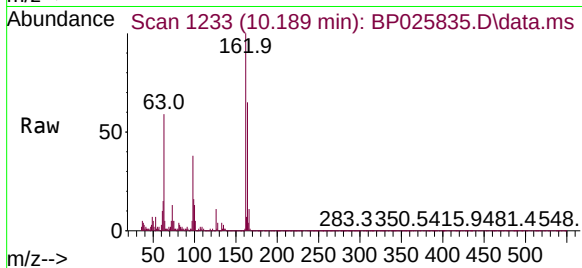
Tgt Ion:162 Resp: 599729

Ion Ratio Lower Upper

162 100

164 64.7 44.7 84.7

98 37.7 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 44.726 ng

RT: 10.384 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

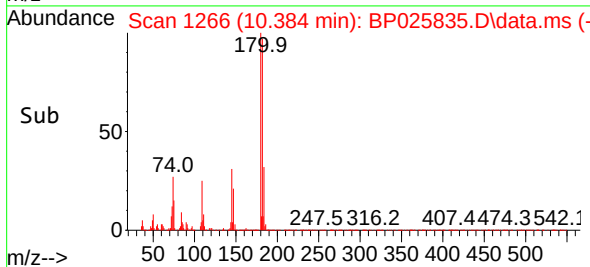
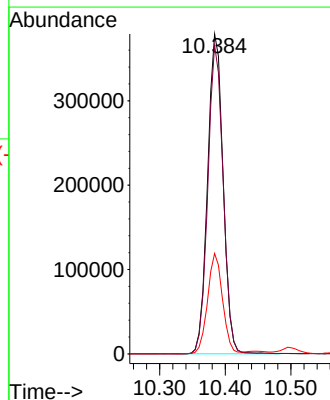
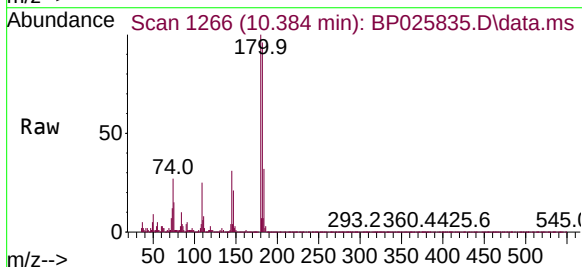
Tgt Ion:180 Resp: 620051

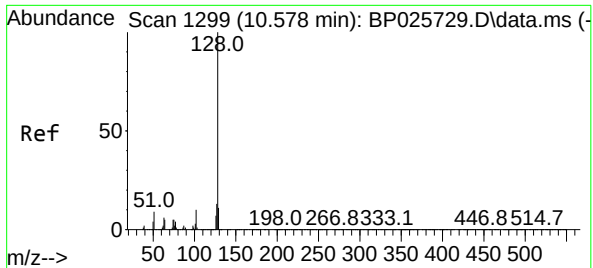
Ion Ratio Lower Upper

180 100

182 96.5 76.0 114.0

145 31.4 24.7 37.1

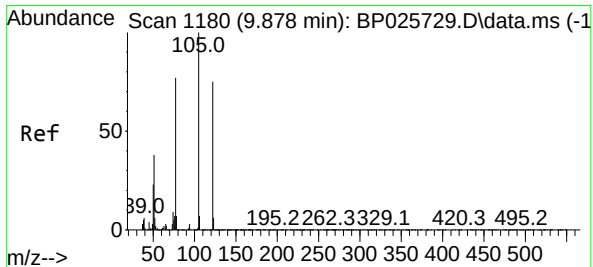
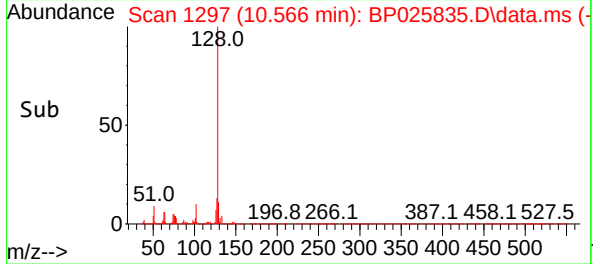
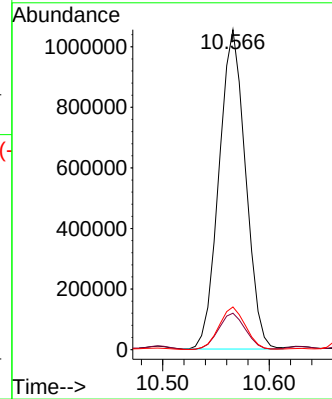
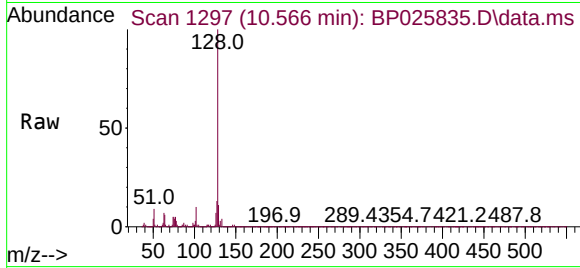




#31
Naphthalene
Concen: 43.551 ng
RT: 10.566 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

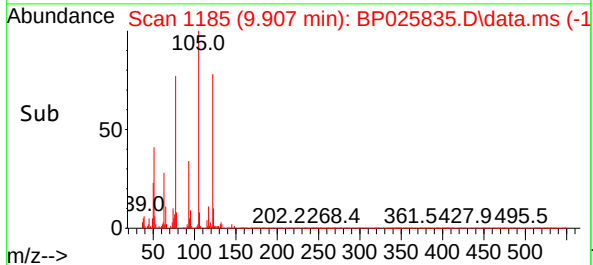
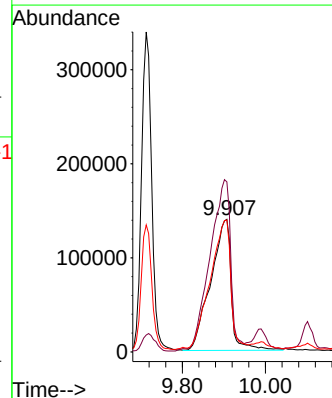
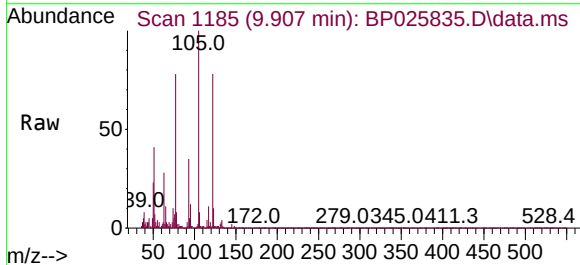
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

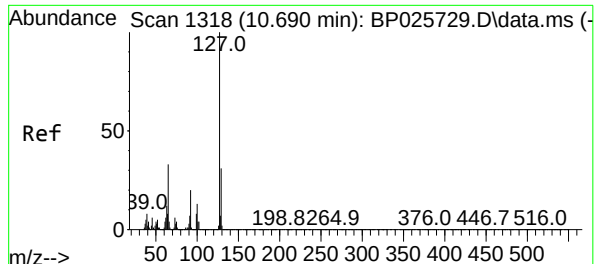
Tgt Ion:128 Resp: 1828945
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.3 10.2 15.4



#32
Benzoic acid
Concen: 52.596 ng
RT: 9.907 min Scan# 1185
Delta R.T. 0.029 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion:122 Resp: 482441
Ion Ratio Lower Upper
122 100
105 128.3 111.5 151.5
77 99.6 81.8 121.8





#33

4-Chloroaniline

Concen: 19.103 ng

RT: 10.684 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

Instrument :

BNA_P

ClientSampleId :

OR-500-COMP-40MS

Tgt Ion:127 Resp: 334376

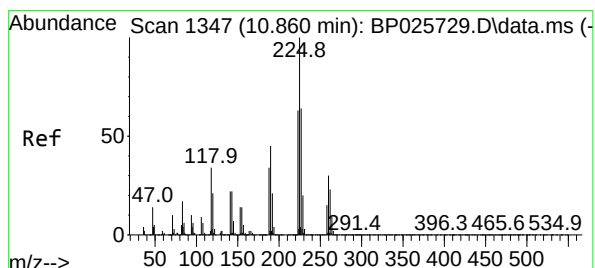
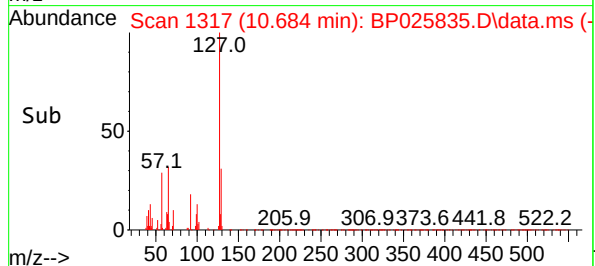
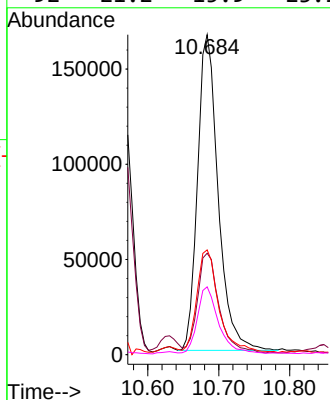
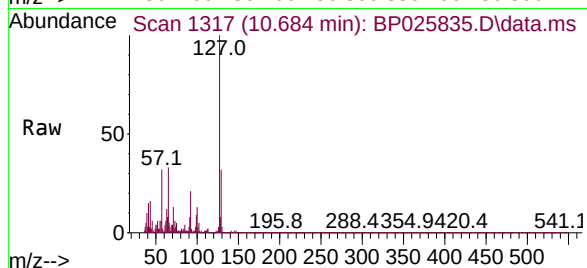
Ion Ratio Lower Upper

127 100

129 31.7 25.1 37.7

65 32.7 26.4 39.6

92 21.2 15.9 23.9



#34

Hexachlorobutadiene

Concen: 44.851 ng

RT: 10.848 min Scan# 1345

Delta R.T. -0.012 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

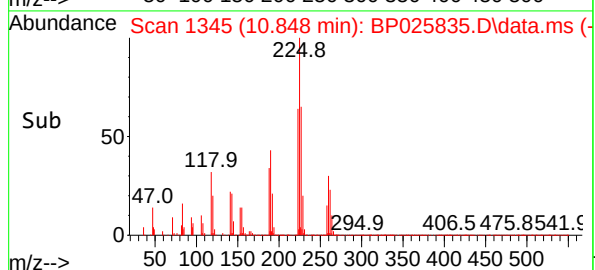
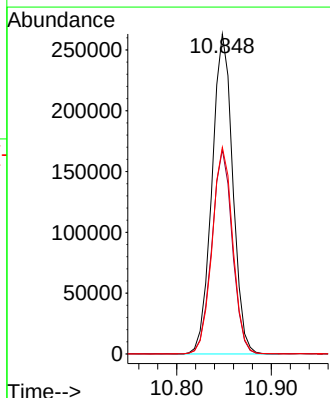
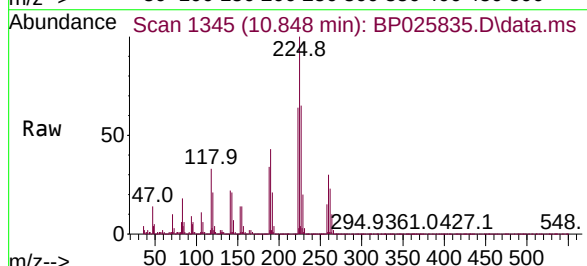
Tgt Ion:225 Resp: 400265

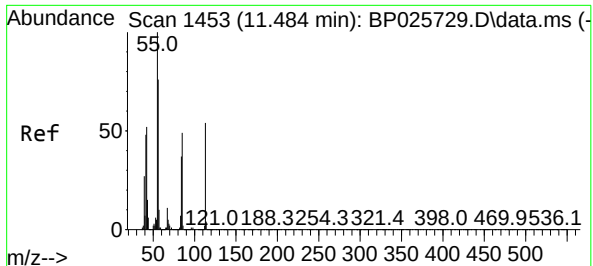
Ion Ratio Lower Upper

225 100

223 63.9 50.1 75.1

227 64.6 51.2 76.8

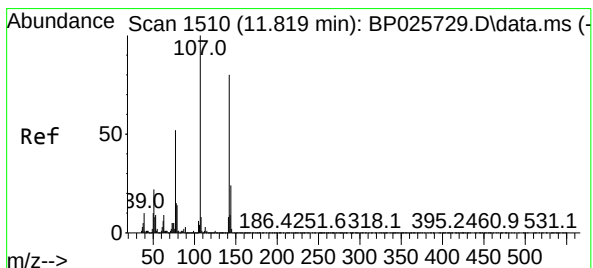
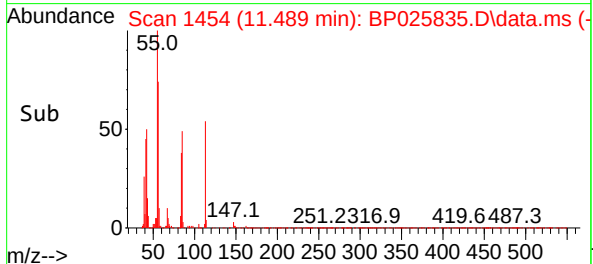
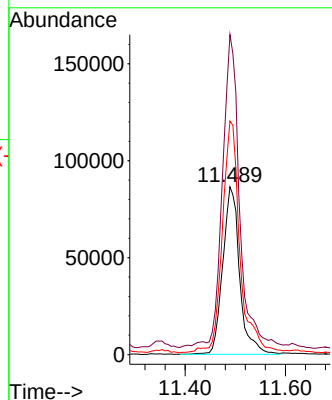
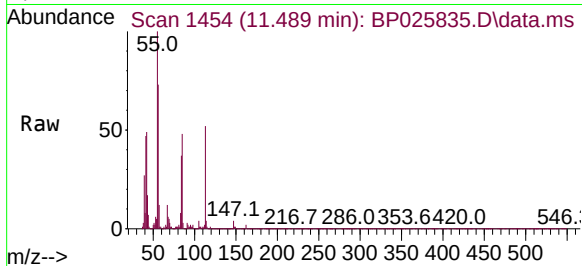




#35
Caprolactam
Concen: 42.582 ng
RT: 11.489 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

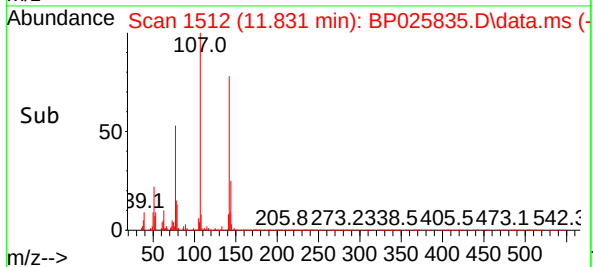
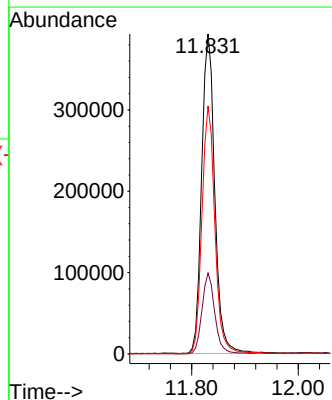
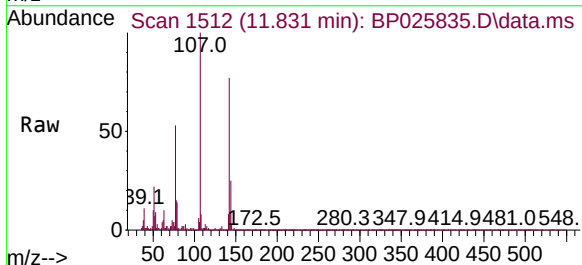
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

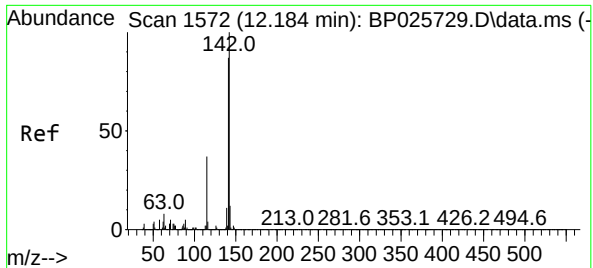
Tgt Ion:113 Resp: 201916
Ion Ratio Lower Upper
113 100
55 190.7 165.5 205.5
56 139.2 121.1 161.1



#36
4-Chloro-3-methylphenol
Concen: 45.753 ng
RT: 11.831 min Scan# 1512
Delta R.T. 0.011 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion:107 Resp: 670998
Ion Ratio Lower Upper
107 100
144 25.3 19.4 29.2
142 77.5 63.8 95.6

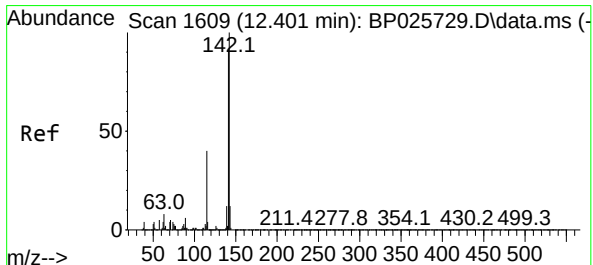
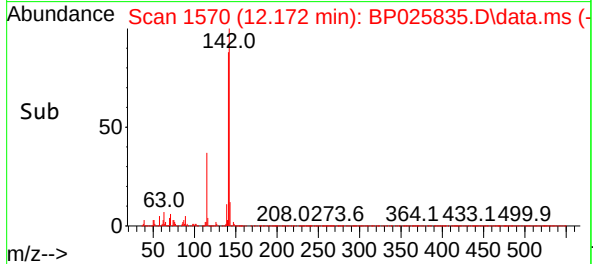
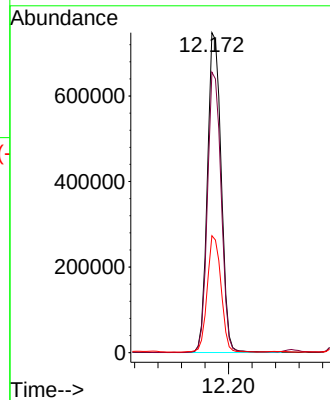
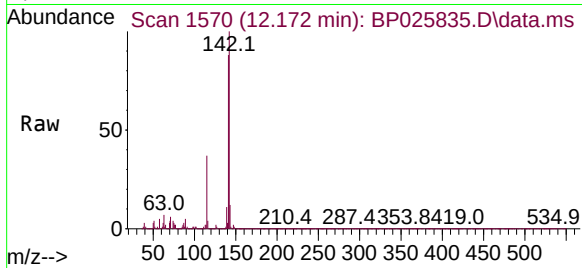




#37
2-Methylnaphthalene
Concen: 44.977 ng
RT: 12.172 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

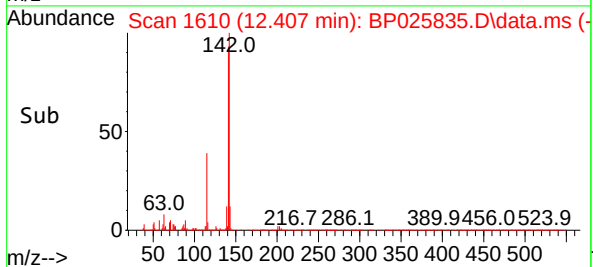
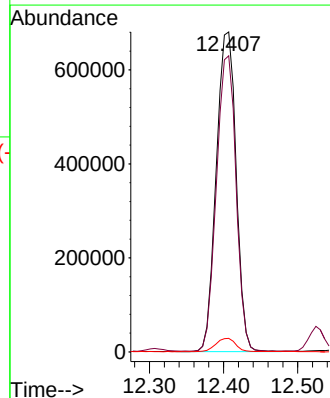
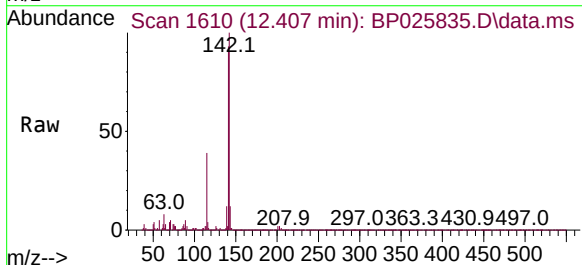
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

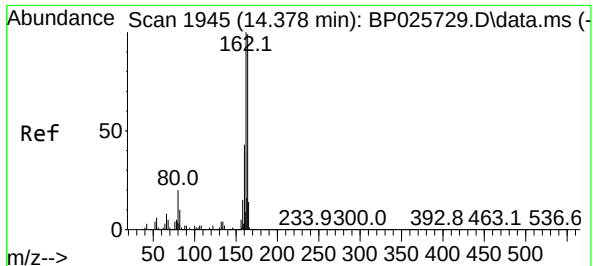
Tgt Ion:142 Resp: 1213176
Ion Ratio Lower Upper
142 100
141 87.6 69.6 104.4
115 36.5 30.0 45.0



#38
1-Methylnaphthalene
Concen: 43.977 ng
RT: 12.407 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion:142 Resp: 1264939
Ion Ratio Lower Upper
142 100
141 92.5 72.7 109.1
116 4.2 3.5 5.3

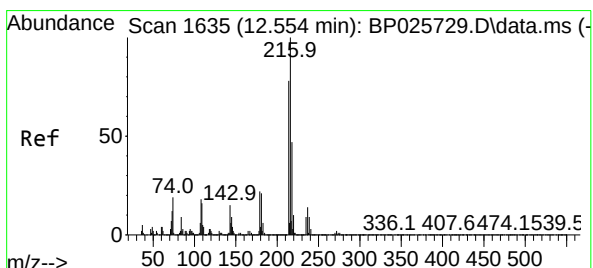
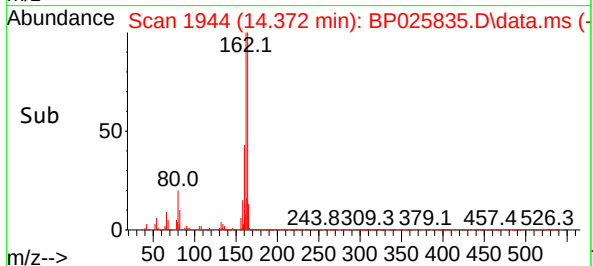
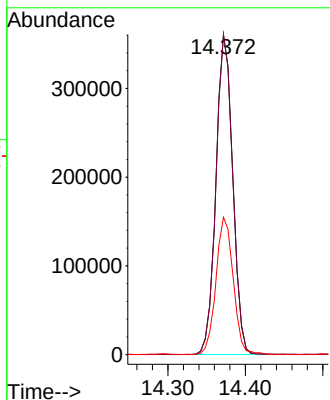
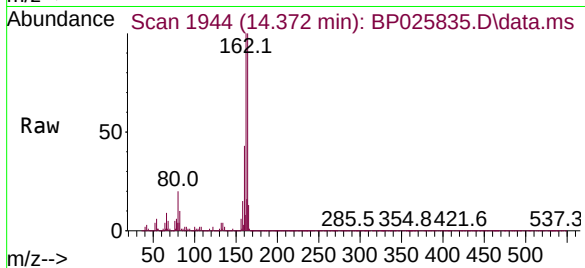




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

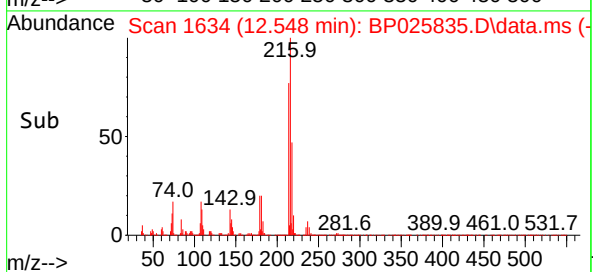
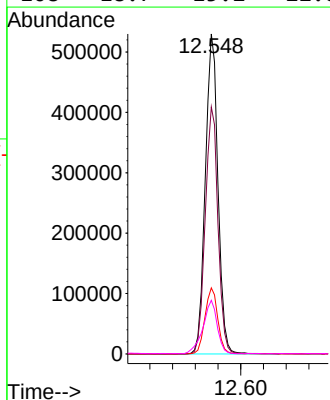
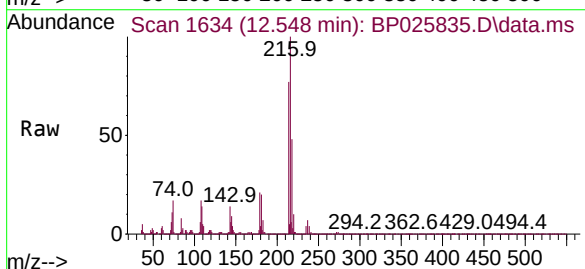
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

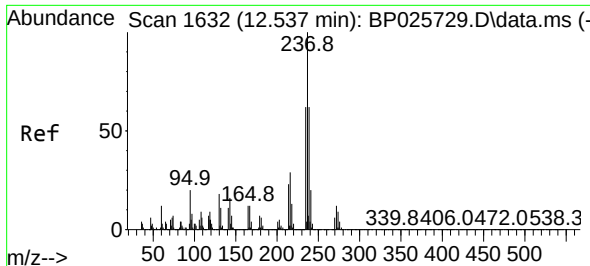
Tgt Ion:164 Resp: 542949
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 42.9 35.0 52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.888 ng
RT: 12.548 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion:216 Resp: 820790
Ion Ratio Lower Upper
216 100
214 77.7 62.4 93.6
179 20.7 17.0 25.6
108 18.7 15.2 22.8

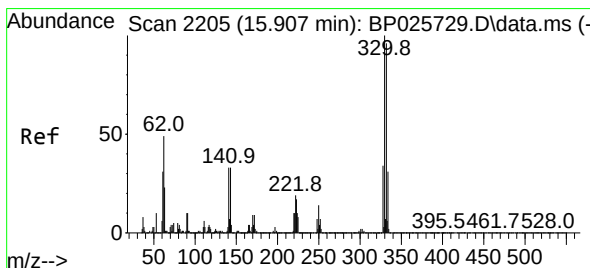
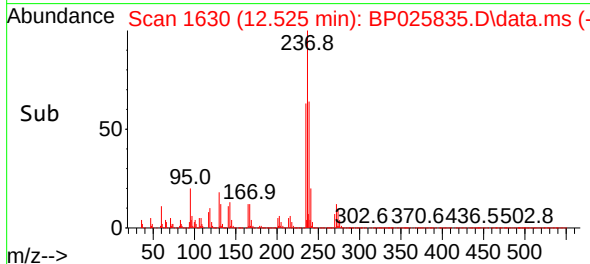
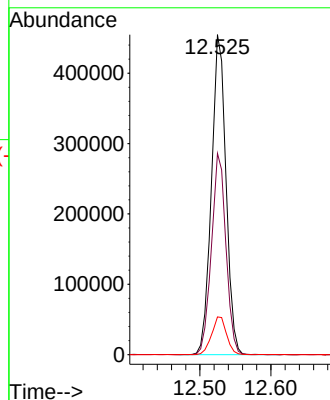
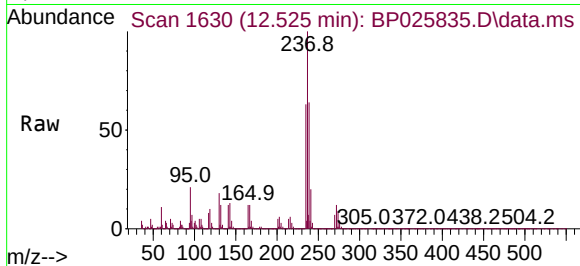




#41
Hexachlorocyclopentadiene
Concen: 72.132 ng
RT: 12.525 min Scan# 1630
Delta R.T. -0.012 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

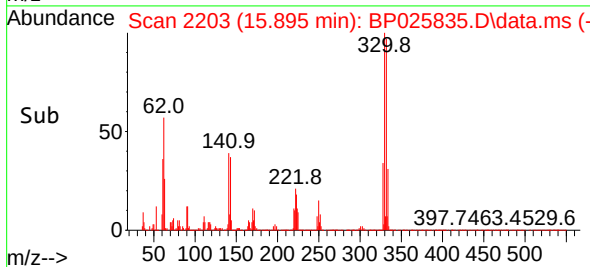
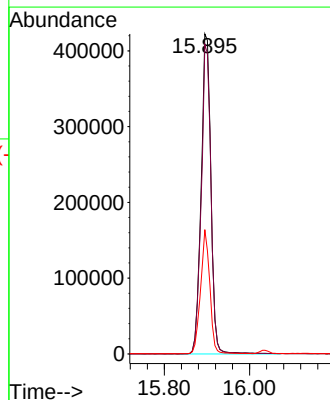
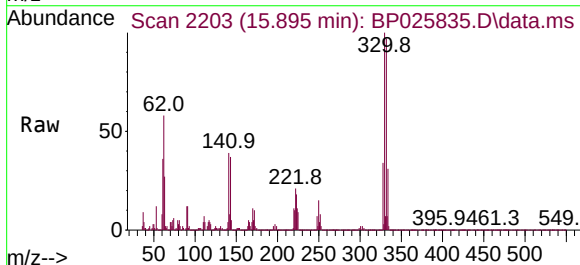
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

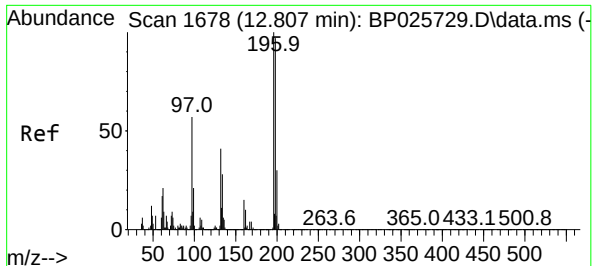
Tgt Ion:237 Resp: 646359
Ion Ratio Lower Upper
237 100
235 62.9 41.9 81.9
272 11.8 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 98.900 ng
RT: 15.895 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion:330 Resp: 669768
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 36.7 31.0 46.4

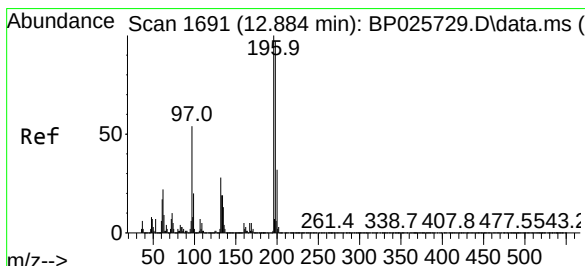
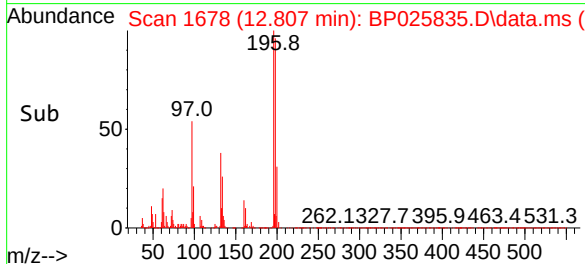
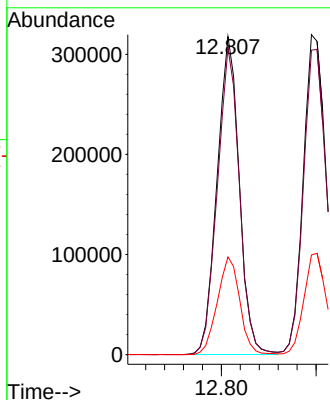
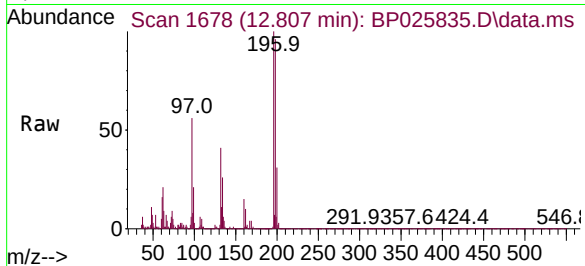




#43
2,4,6-Trichlorophenol
Concen: 47.770 ng
RT: 12.807 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

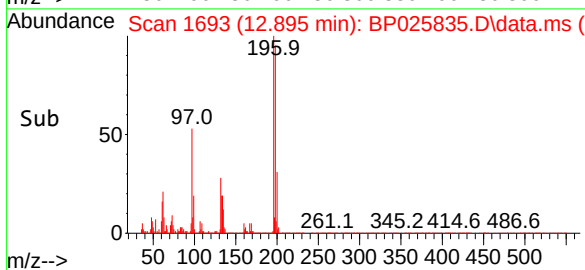
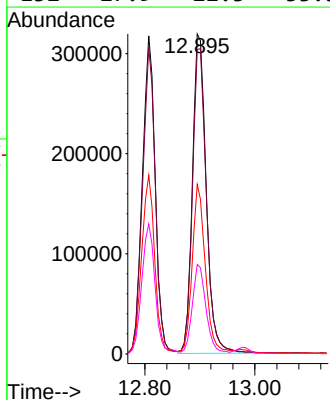
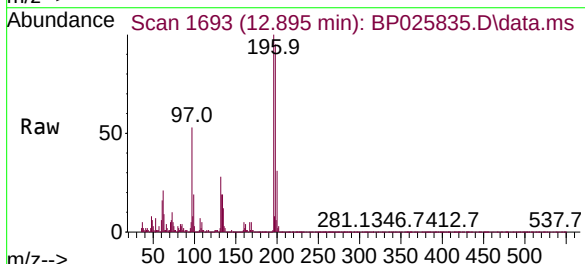
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

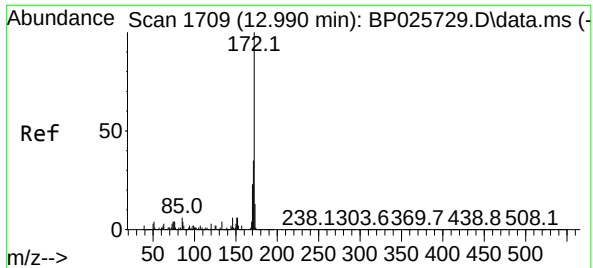
Tgt Ion	196	Resp	516683
Ion Ratio	Lower	Upper	
196	100		
198	96.5	77.2	115.8
200	30.7	24.2	36.2



#44
2,4,5-Trichlorophenol
Concen: 46.435 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.011 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion	196	Resp	558959
Ion Ratio	Lower	Upper	
196	100		
198	95.1	77.8	116.8
97	52.9	43.3	64.9
132	27.9	22.3	33.5

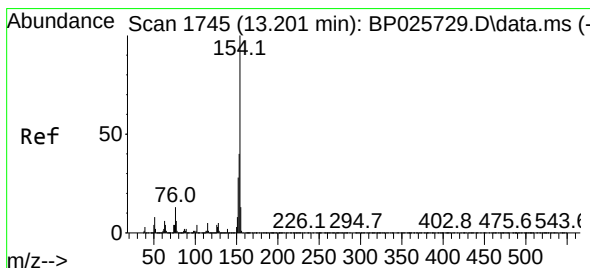
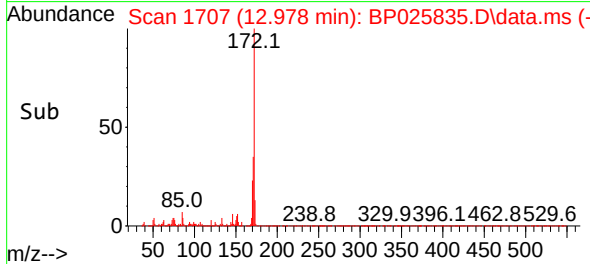
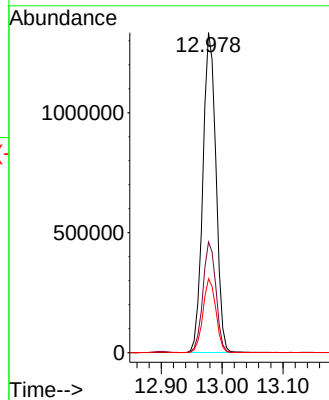
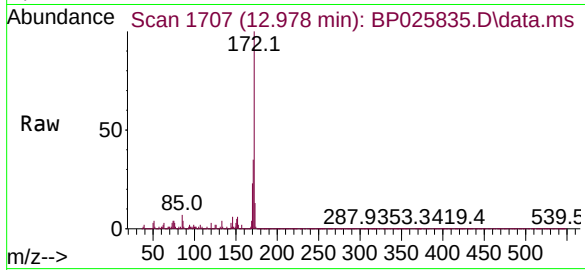




#45
2-Fluorobiphenyl
Concen: 48.925 ng
RT: 12.978 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

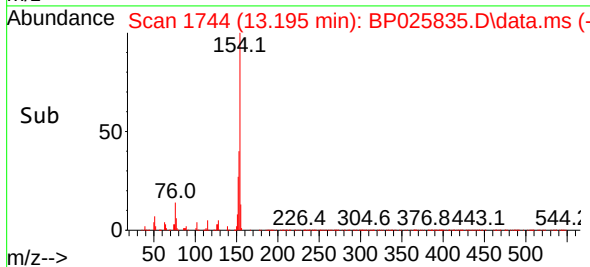
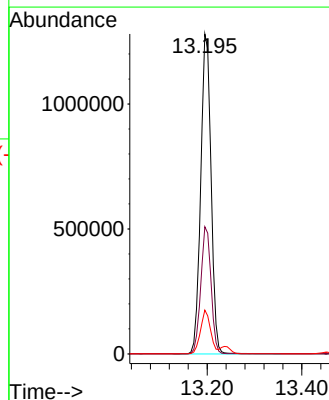
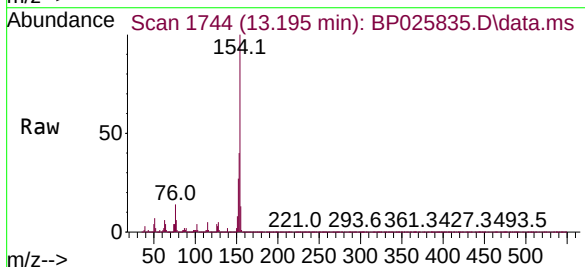
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

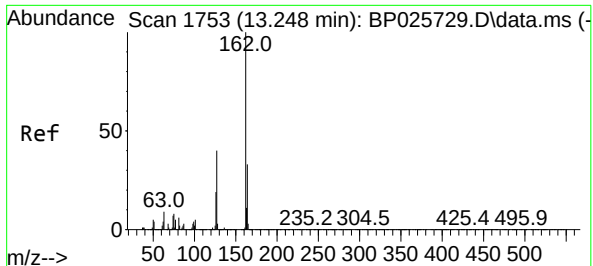
Tgt Ion:172 Resp: 1995004
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.1 18.6 27.8



#46
1,1'-Biphenyl
Concen: 48.636 ng
RT: 13.195 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion:154 Resp: 1938288
Ion Ratio Lower Upper
154 100
153 39.7 19.7 59.7
76 13.7 0.0 33.3

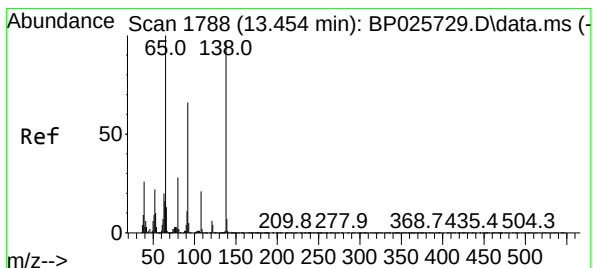
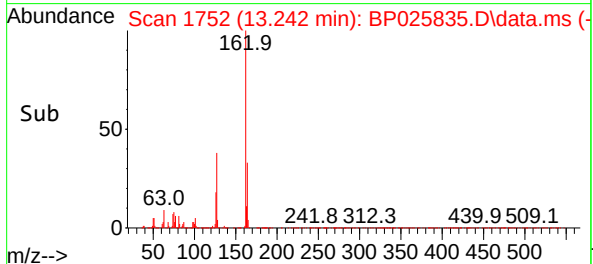
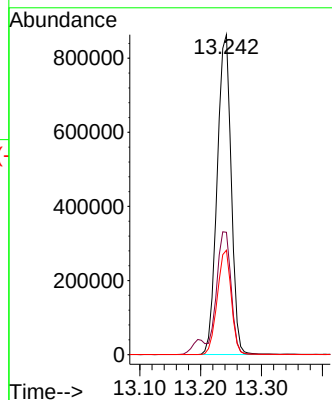
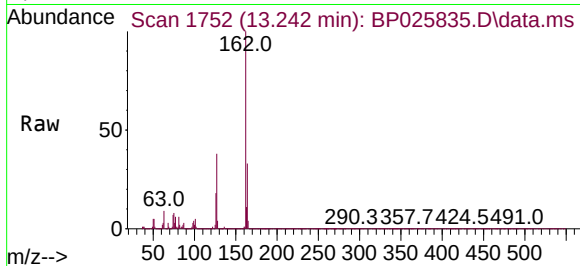




#47
2-Chloronaphthalene
Concen: 44.088 ng
RT: 13.242 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

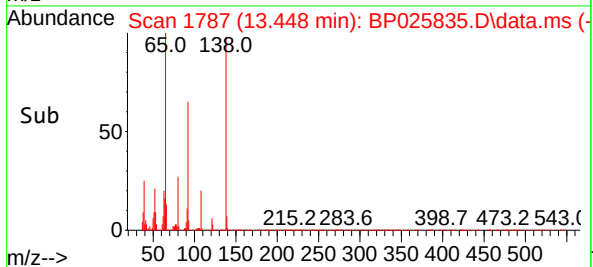
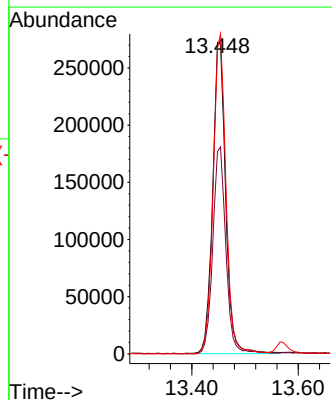
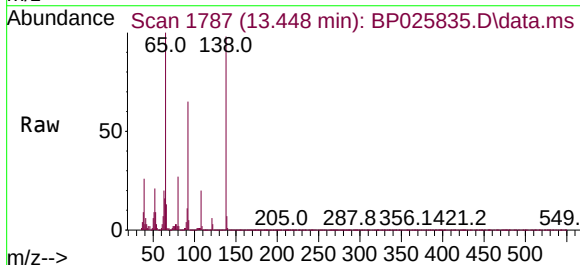
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

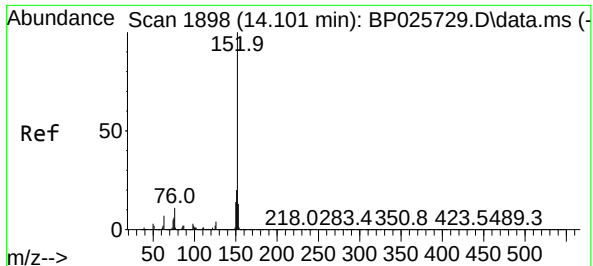
Tgt Ion:162 Resp: 1383490
Ion Ratio Lower Upper
162 100
127 38.2 32.2 48.4
164 32.6 26.5 39.7



#48
2-Nitroaniline
Concen: 44.254 ng
RT: 13.448 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion: 65 Resp: 462913
Ion Ratio Lower Upper
65 100
92 65.0 53.1 79.7
138 98.2 77.8 116.8

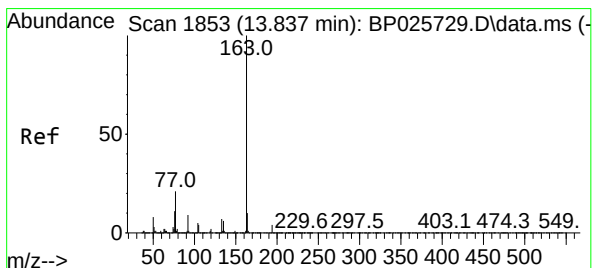
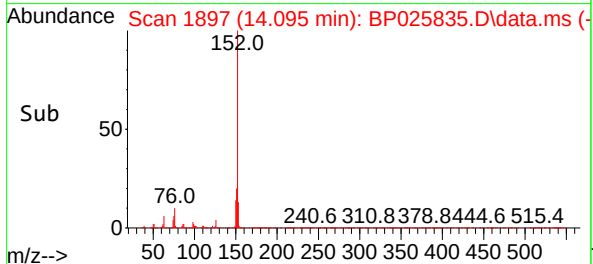
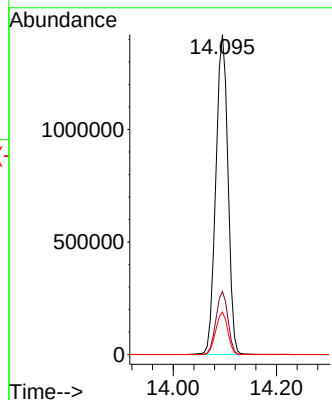
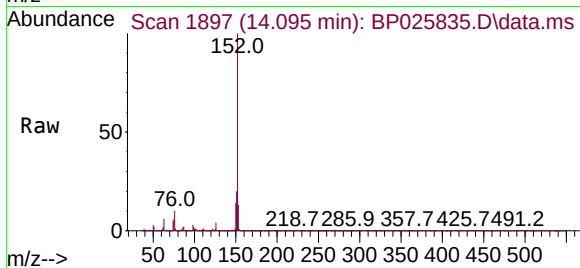




#49
Acenaphthylene
Concen: 44.638 ng
RT: 14.095 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

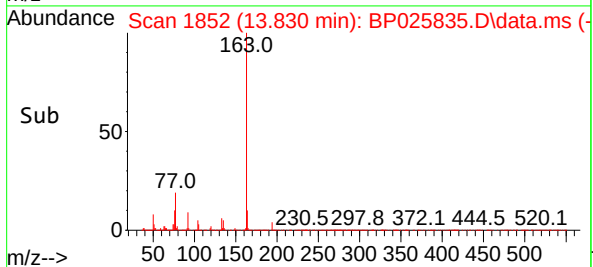
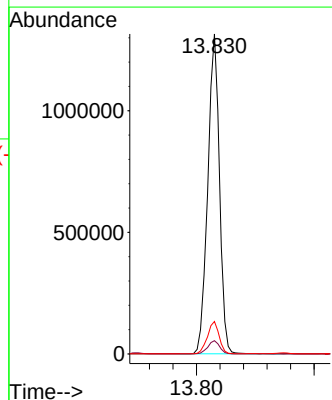
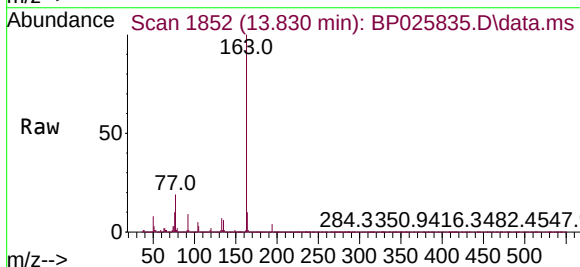
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

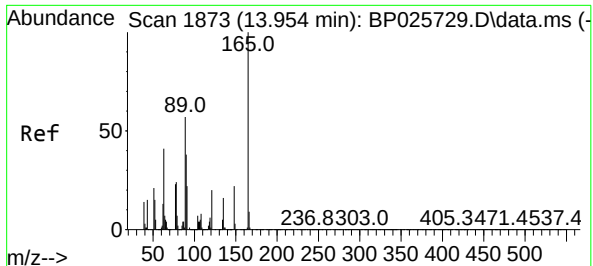
Tgt Ion:152 Resp: 2320876
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 43.832 ng
RT: 13.830 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion:163 Resp: 1816929
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.1 8.2 12.2

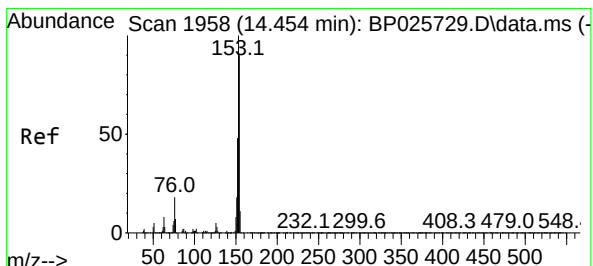
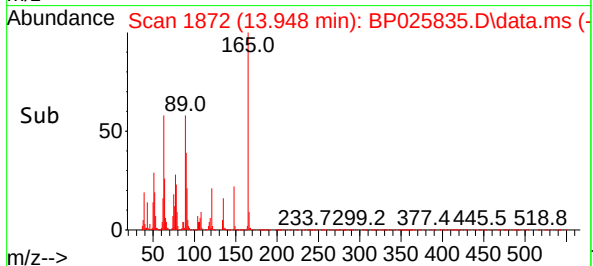
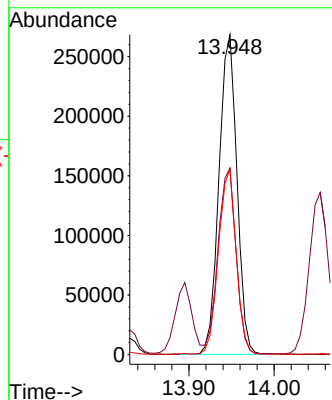
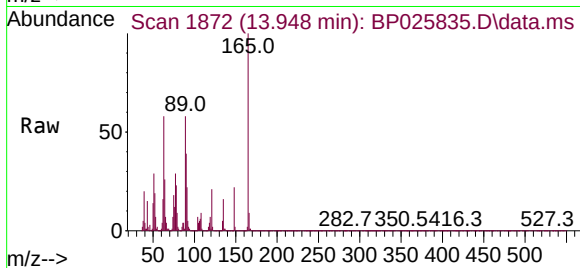




#51
2,6-Dinitrotoluene
Concen: 44.723 ng
RT: 13.948 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

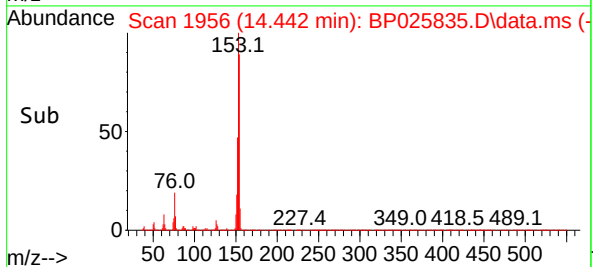
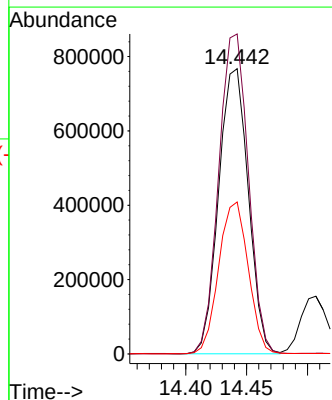
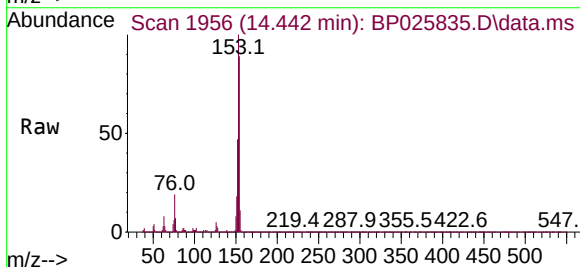
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

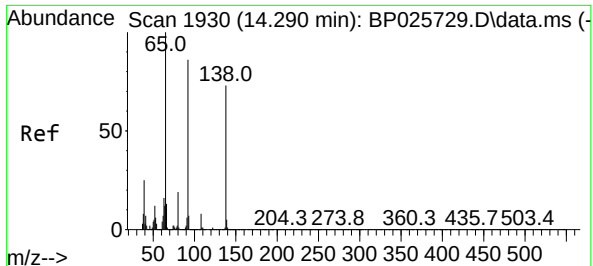
Tgt Ion:165 Resp: 392775
Ion Ratio Lower Upper
165 100
63 58.3 48.1 72.1
89 58.0 45.4 68.0



#52
Acenaphthene
Concen: 43.430 ng
RT: 14.442 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion:154 Resp: 1302208
Ion Ratio Lower Upper
154 100
153 112.2 89.4 134.0
152 53.3 42.5 63.7

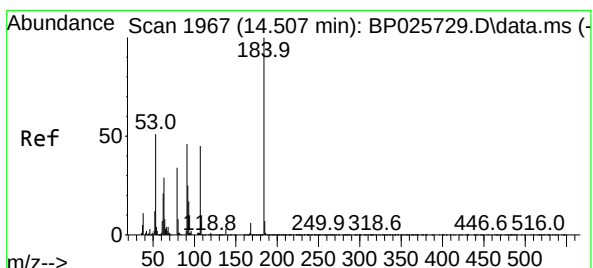
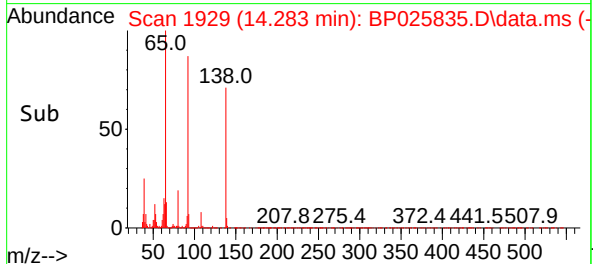
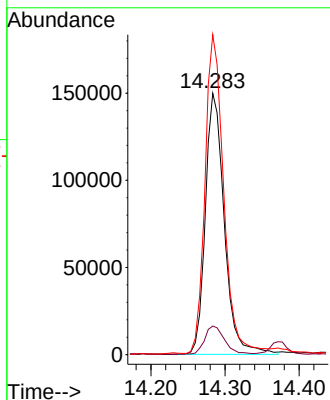
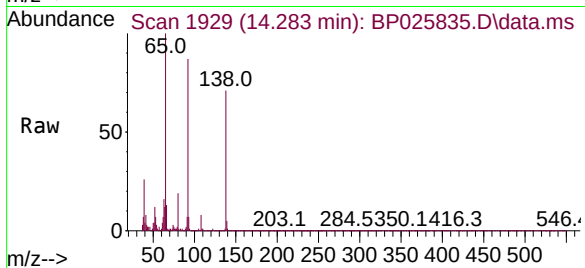




#53
3-Nitroaniline
Concen: 28.898 ng
RT: 14.283 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

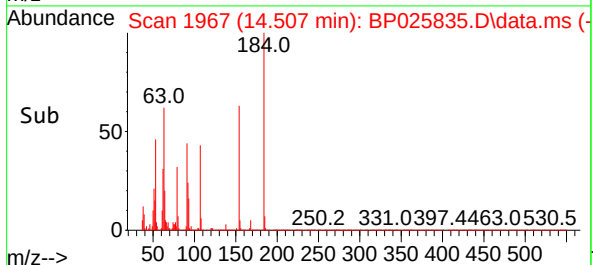
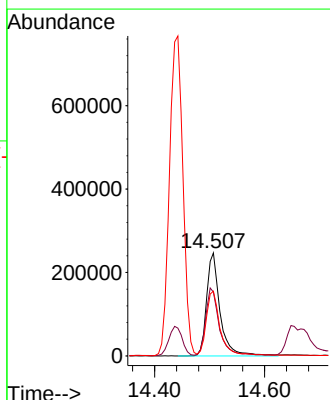
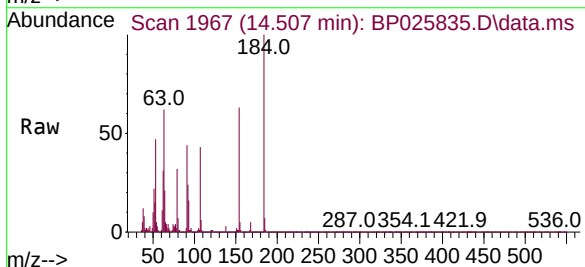
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

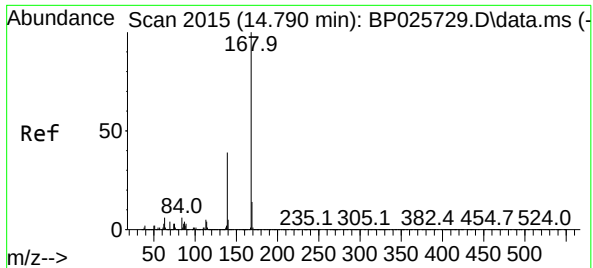
Tgt Ion:138 Resp: 266886
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 122.4 94.6 142.0



#54
2,4-Dinitrophenol
Concen: 73.727 ng
RT: 14.507 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion:184 Resp: 418688
Ion Ratio Lower Upper
184 100
63 61.9 52.5 78.7
154 62.9 51.5 77.3

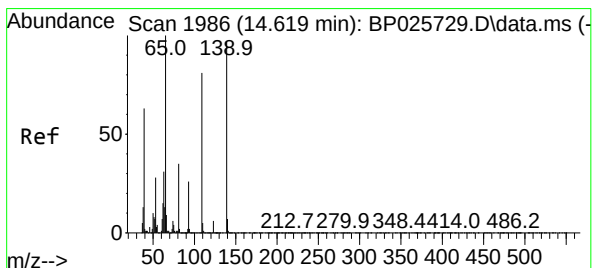
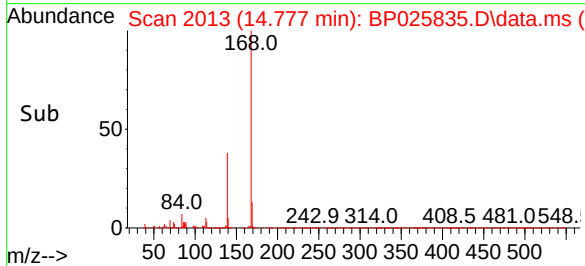
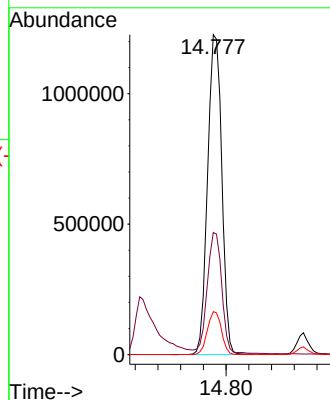
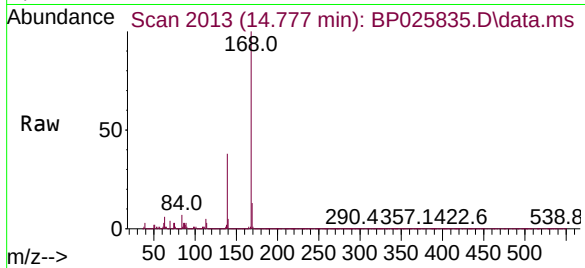




#55
Dibenzenofuran
Concen: 43.666 ng
RT: 14.777 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

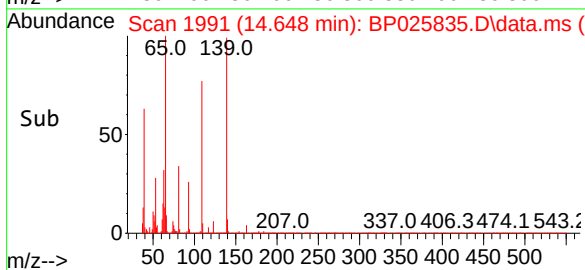
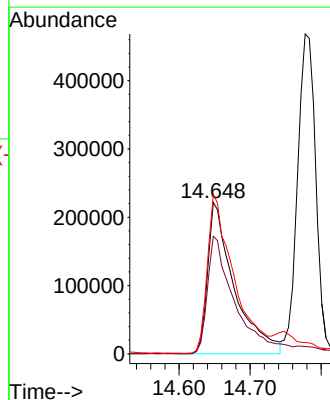
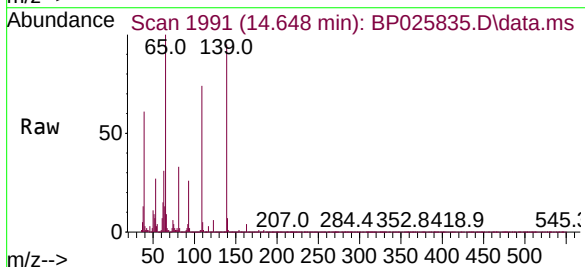
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

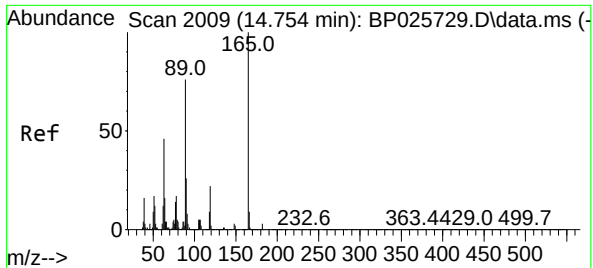
Tgt Ion:168 Resp: 2133886
Ion Ratio Lower Upper
168 100
139 38.2 31.7 47.5
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 72.623 ng
RT: 14.648 min Scan# 1991
Delta R.T. 0.029 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion:139 Resp: 574100
Ion Ratio Lower Upper
139 100
109 77.7 62.9 102.9
65 105.5 83.4 123.4

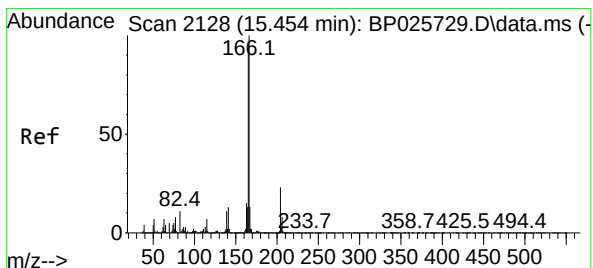
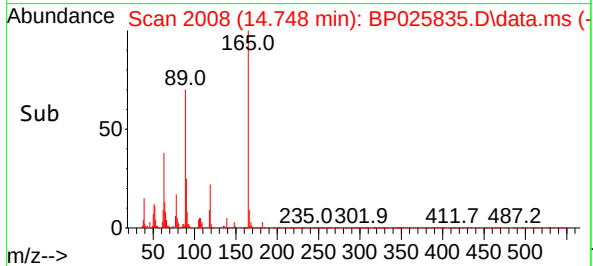
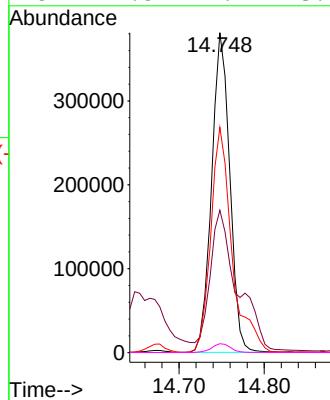
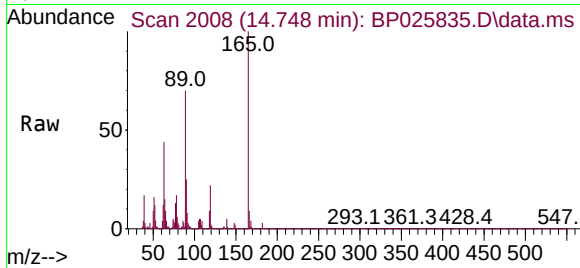




#57
2,4-Dinitrotoluene
Concen: 45.106 ng
RT: 14.748 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

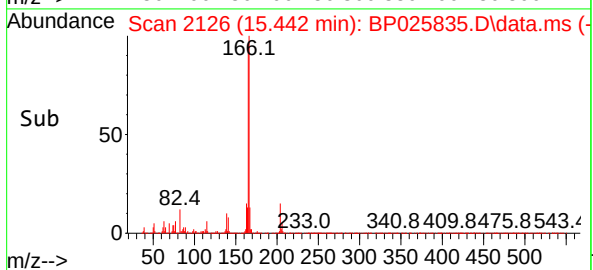
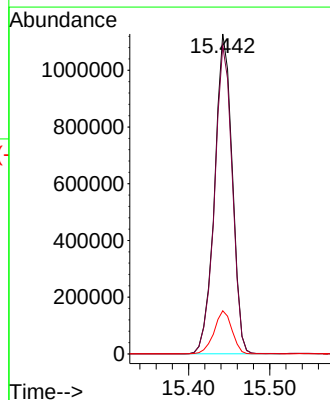
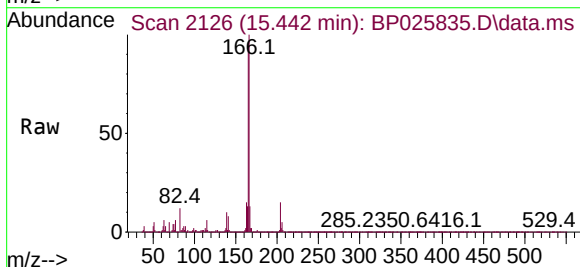
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

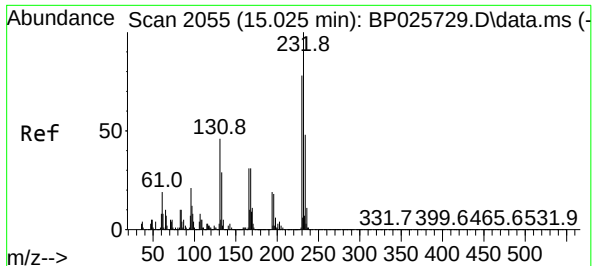
Tgt Ion:165 Resp: 563759
Ion Ratio Lower Upper
165 100
63 44.5 37.7 56.5
89 70.4 61.0 91.6
182 2.8 2.4 3.6



#58
Fluorene
Concen: 43.854 ng
RT: 15.442 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion:166 Resp: 1704140
Ion Ratio Lower Upper
166 100
165 96.2 77.7 116.5
167 13.5 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.065 ng

RT: 15.019 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BP025835.D

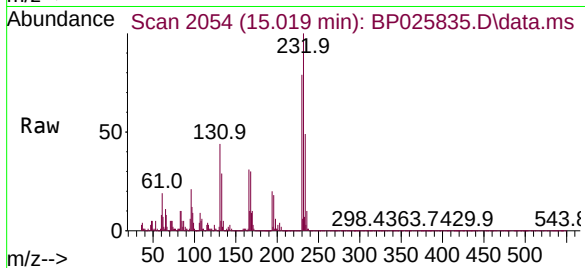
Acq: 23 Sep 2025 18:41

Instrument :

BNA_P

ClientSampleId :

OR-500-COMP-40MS



Tgt Ion:232 Resp: 488665

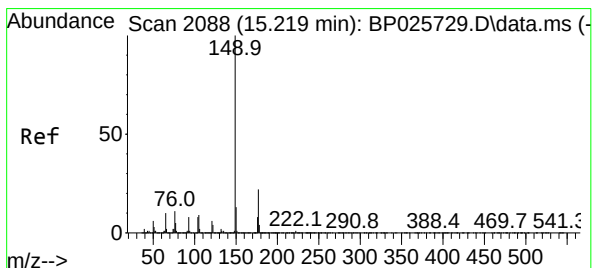
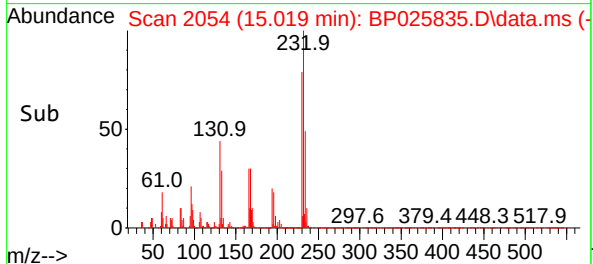
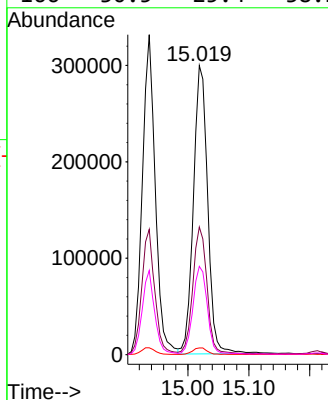
Ion Ratio Lower Upper

232 100

131 43.6 36.7 55.1

130 2.3 2.0 3.0

166 30.5 25.4 38.2



#60

Diethylphthalate

Concen: 44.915 ng

RT: 15.213 min Scan# 2087

Delta R.T. -0.006 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

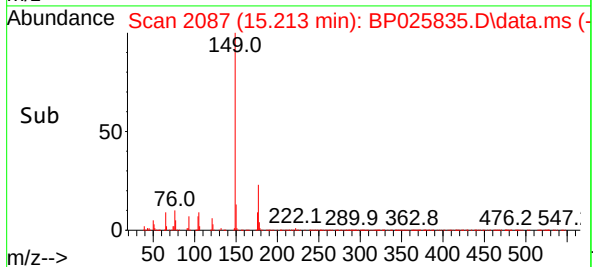
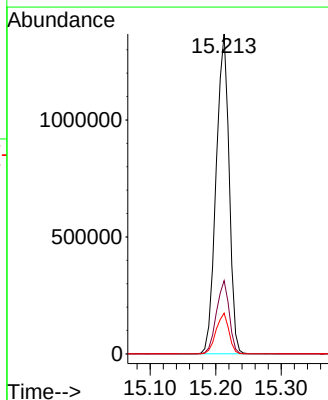
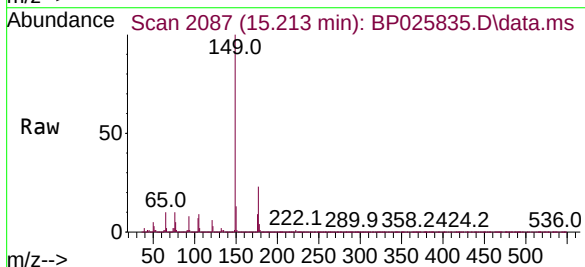
Tgt Ion:149 Resp: 1888547

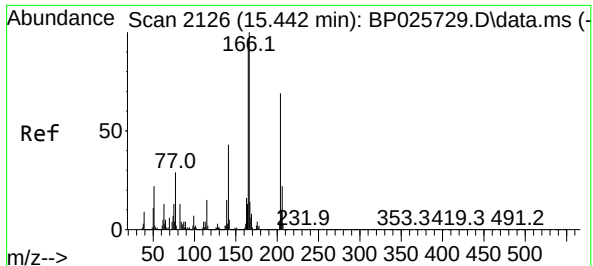
Ion Ratio Lower Upper

149 100

177 22.9 17.7 26.5

150 12.7 10.0 15.0

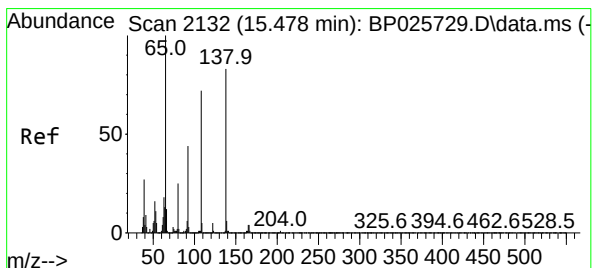
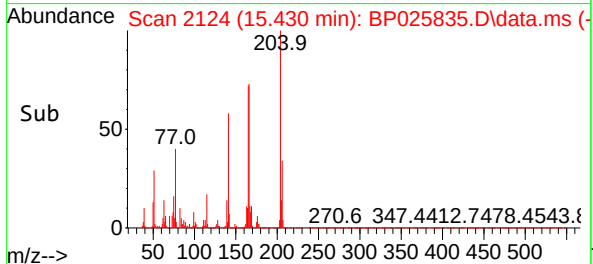
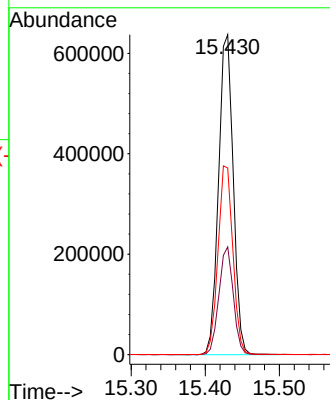
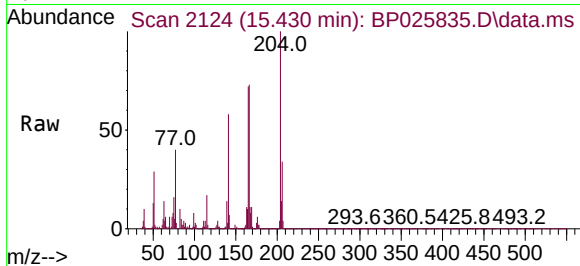




#61
4-Chlorophenyl-phenylether
Concen: 44.732 ng
RT: 15.430 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

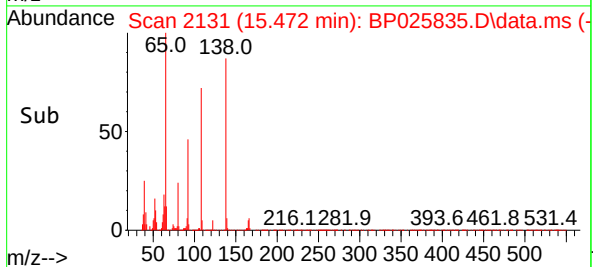
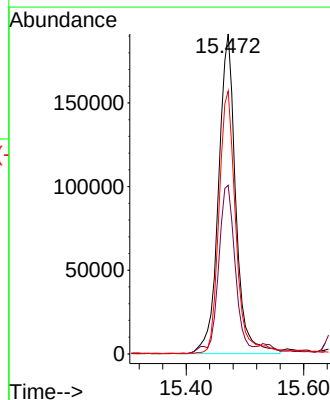
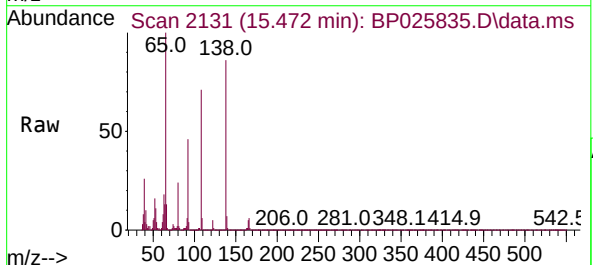
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

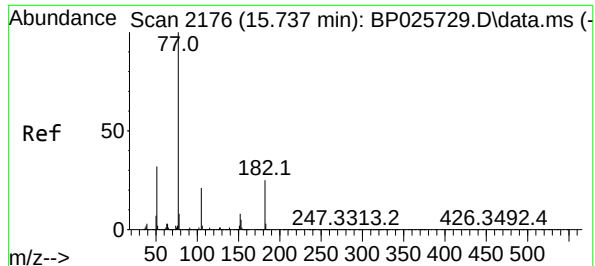
Tgt Ion:204 Resp: 876026
Ion Ratio Lower Upper
204 100
206 33.7 26.0 39.0
141 58.3 49.7 74.5



#62
4-Nitroaniline
Concen: 41.180 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion:138 Resp: 389612
Ion Ratio Lower Upper
138 100
92 52.7 33.3 73.3
108 82.2 66.7 106.7



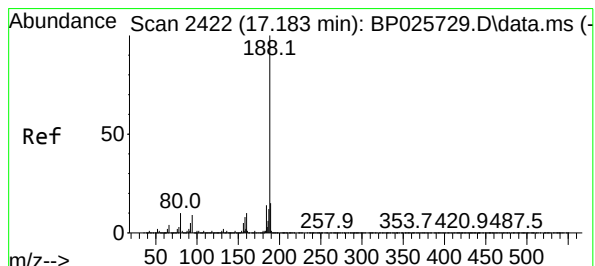
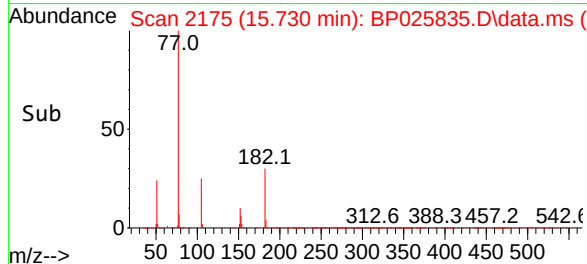
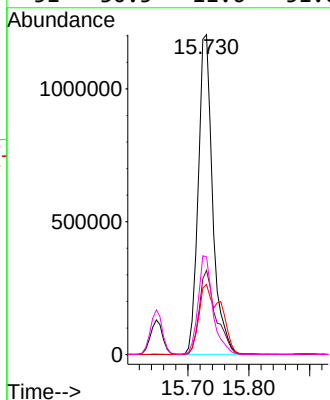
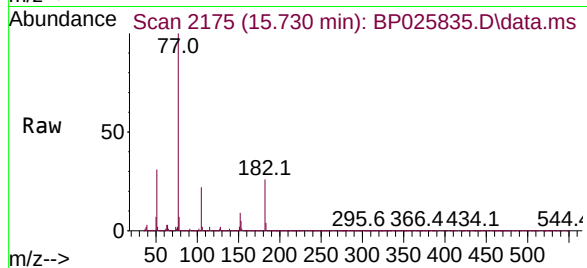


#63
Azobenzene
Concen: 48.673 ng
RT: 15.730 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

Tgt Ion: 77 Resp: 1978890

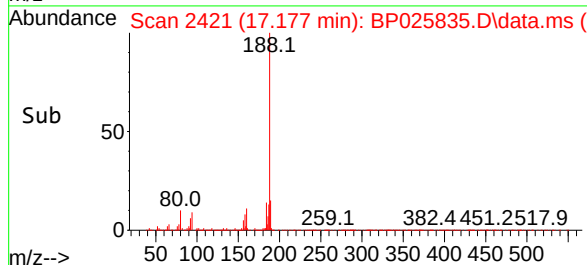
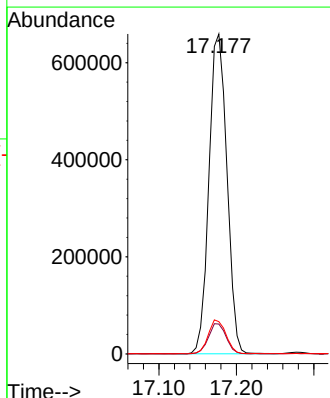
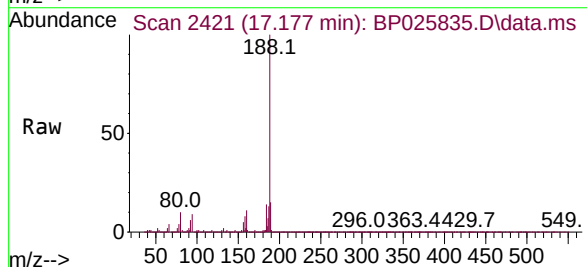
Ion	Ratio	Lower	Upper
77	100		
182	26.3	5.2	45.2
105	21.9	1.1	41.1
51	30.5	11.6	51.6

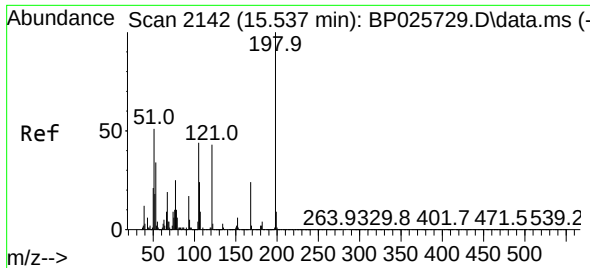


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.177 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion: 188 Resp: 1061855

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.0
80	10.1	7.7	11.5

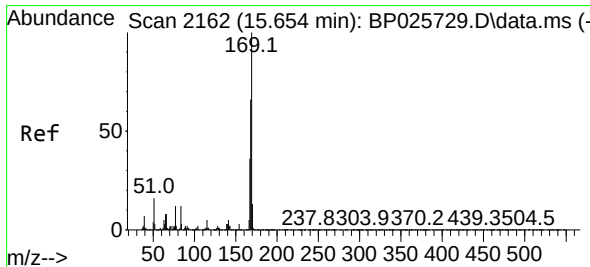
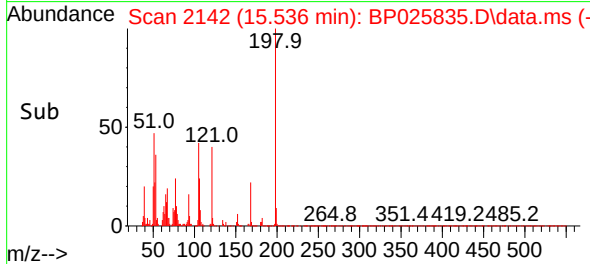
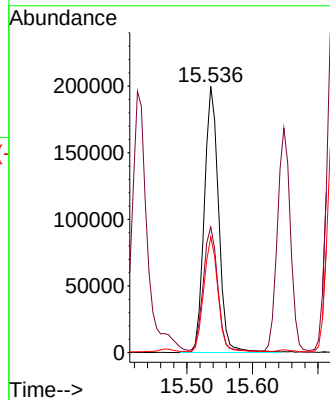
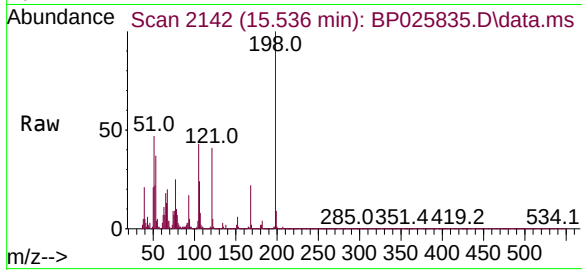




#65
4,6-Dinitro-2-methylphenol
Concen: 42.630 ng
RT: 15.536 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

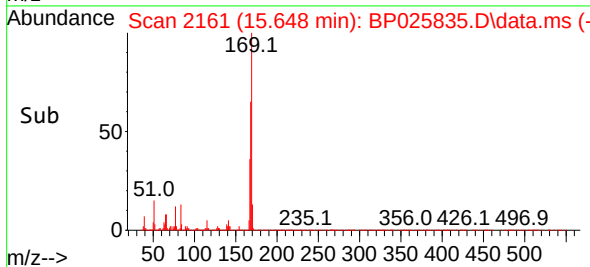
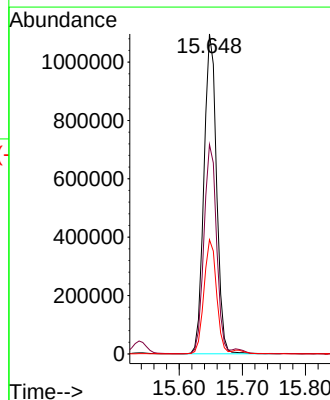
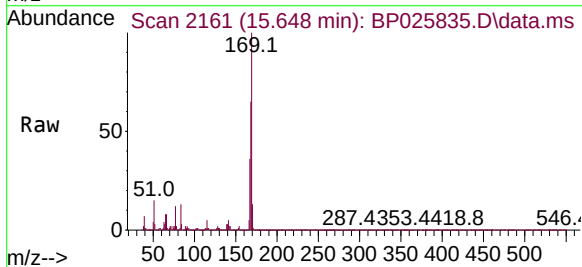
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

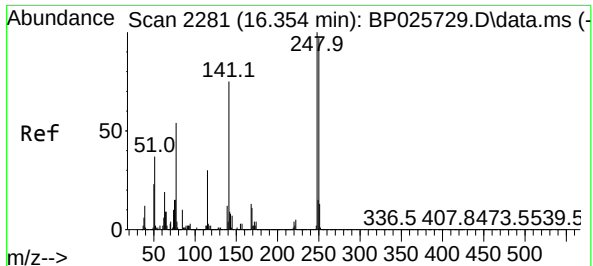
Tgt Ion	Ratio	Lower	Upper
198	100		
51	47.2	33.4	73.4
105	43.4	24.3	64.3



#66
n-Nitrosodiphenylamine
Concen: 46.696 ng
RT: 15.648 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.4	52.6	78.8
167	35.7	28.5	42.7

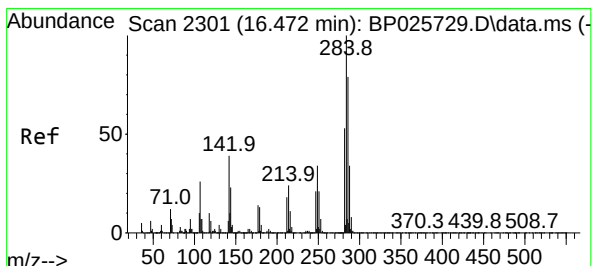
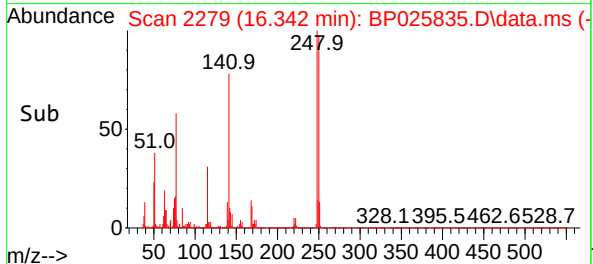
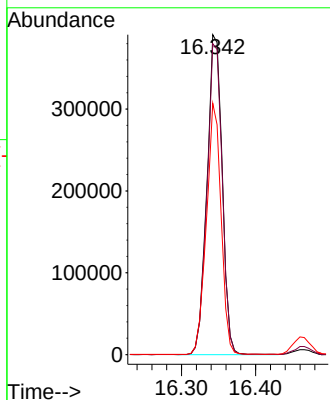
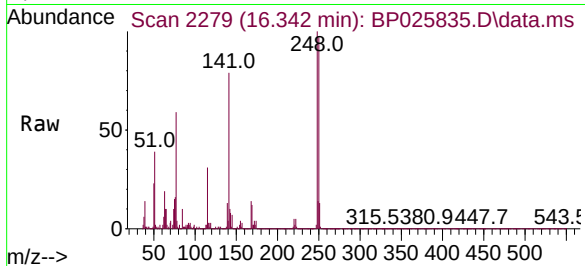




#67
4-Bromophenyl-phenylether
Concen: 47.946 ng
RT: 16.342 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

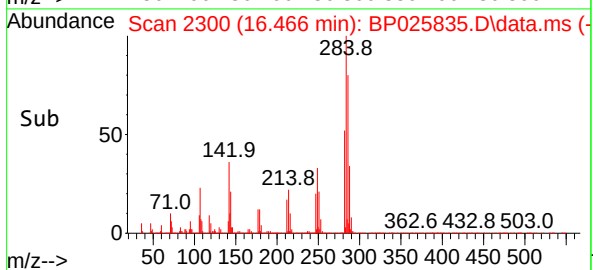
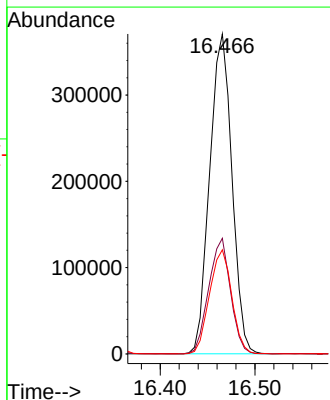
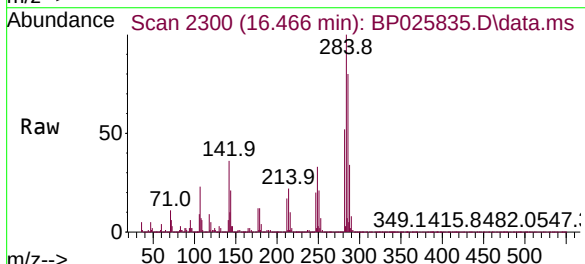
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

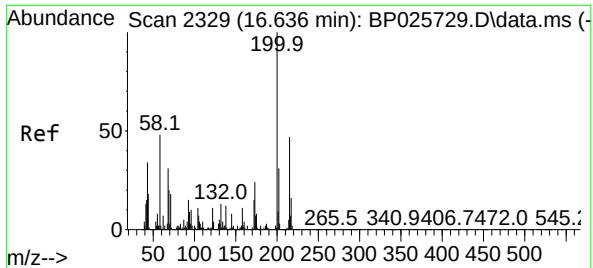
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.5	116.3
141	78.5	60.2	90.4



#68
Hexachlorobenzene
Concen: 46.588 ng
RT: 16.466 min Scan# 2300
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.1	31.3	46.9
249	32.5	27.3	40.9

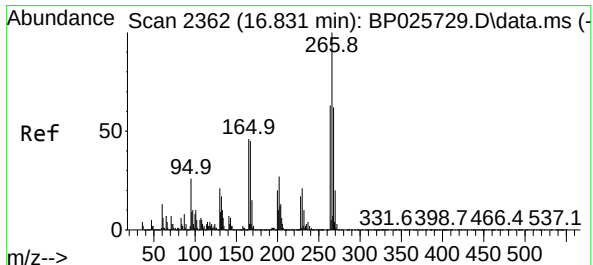
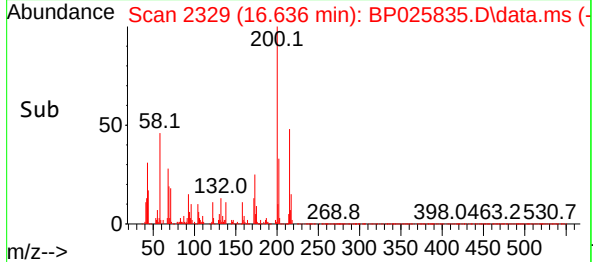
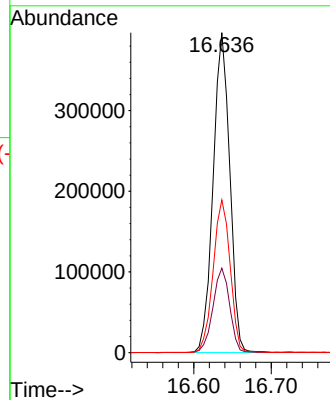
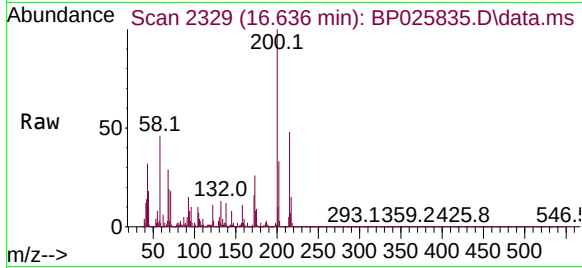




#69
Atrazine
Concen: 47.658 ng
RT: 16.636 min Scan# 2329
Delta R.T. -0.000 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

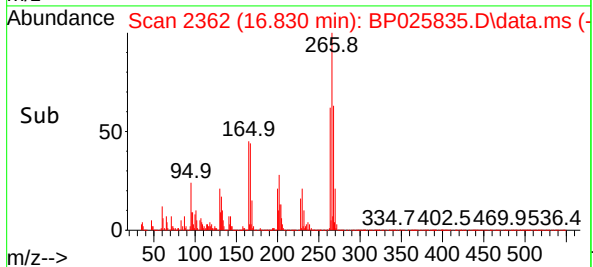
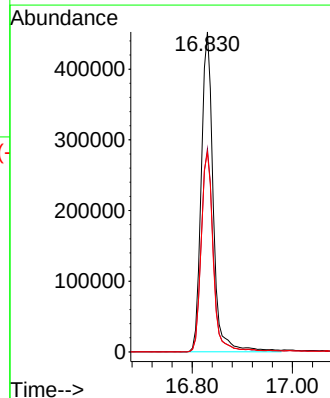
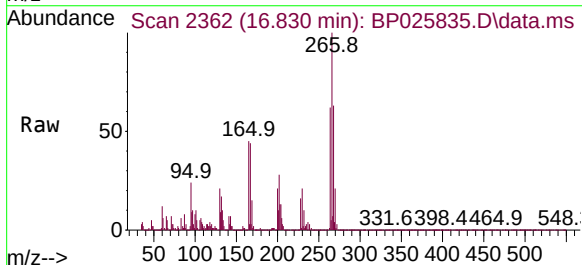
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

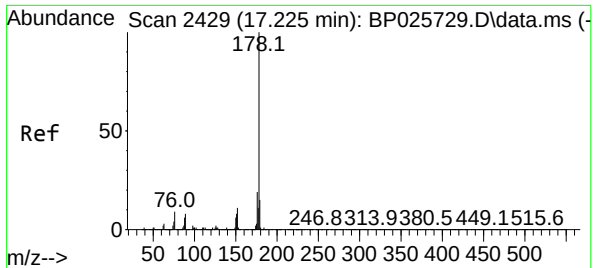
Tgt Ion	200	Resp	591977
Ion Ratio	Lower	Upper	
200	100		
173	26.4	4.2	44.2
215	47.7	27.3	67.3



#70
Pentachlorophenol
Concen: 87.033 ng
RT: 16.830 min Scan# 2362
Delta R.T. -0.000 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion	266	Resp	747253
Ion Ratio	Lower	Upper	
266	100		
268	63.5	49.8	74.8
264	62.3	50.2	75.2

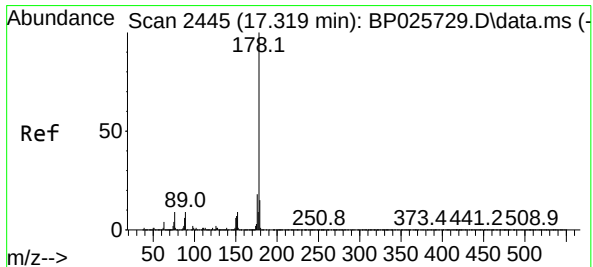
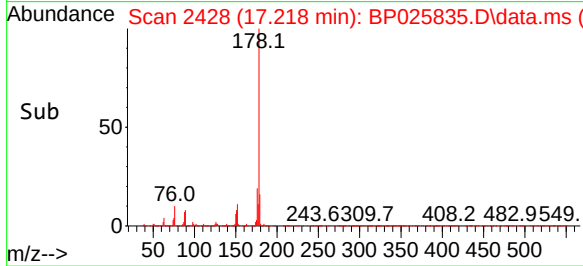
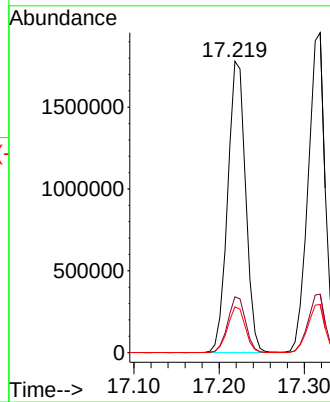
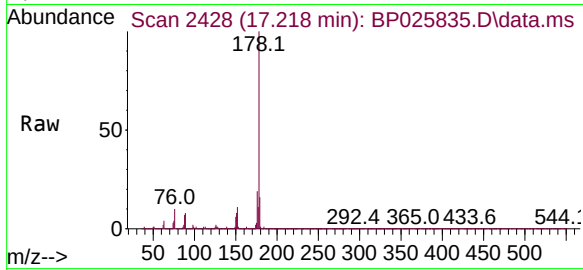




#71
Phenanthrene
Concen: 43.192 ng
RT: 17.218 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

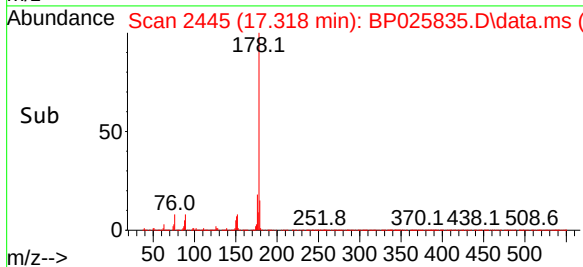
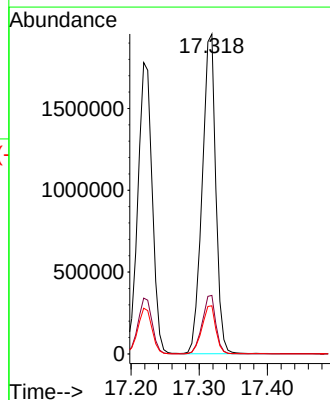
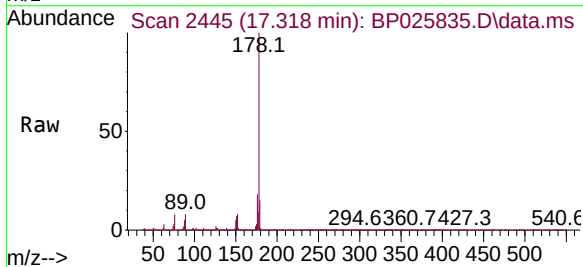
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

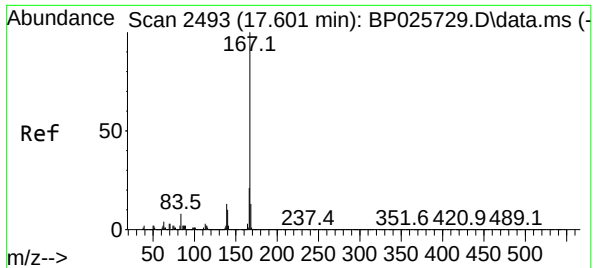
Tgt Ion:178 Resp: 2601634
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.7 12.2 18.4



#72
Anthracene
Concen: 44.359 ng
RT: 17.318 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion:178 Resp: 2711056
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.0 12.2 18.4

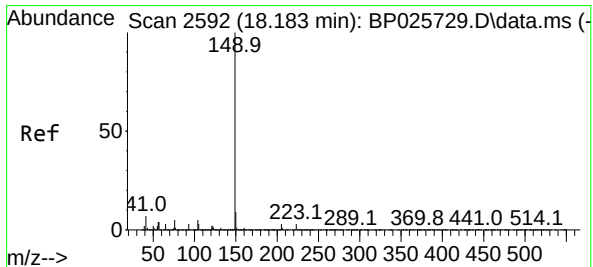
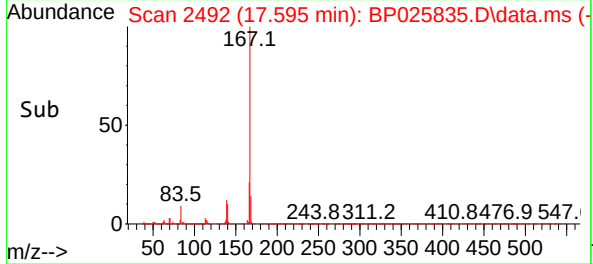
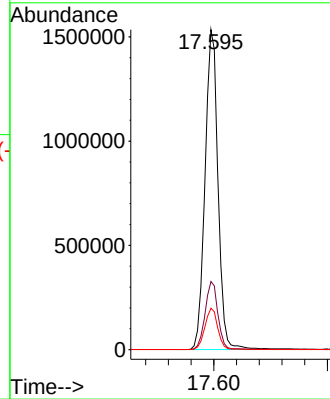
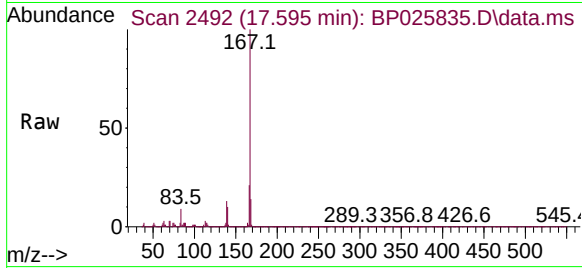




#73
 Carbazole
 Concen: 42.906 ng
 RT: 17.595 min Scan# 2493
 Delta R.T. -0.006 min
 Lab File: BP025835.D
 Acq: 23 Sep 2025 18:41

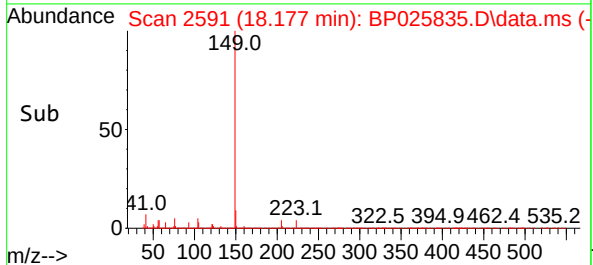
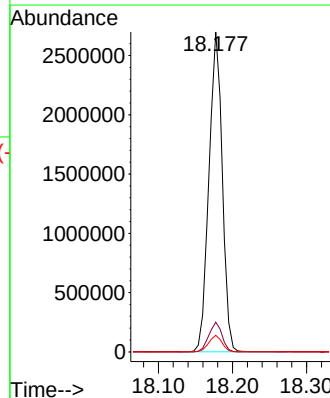
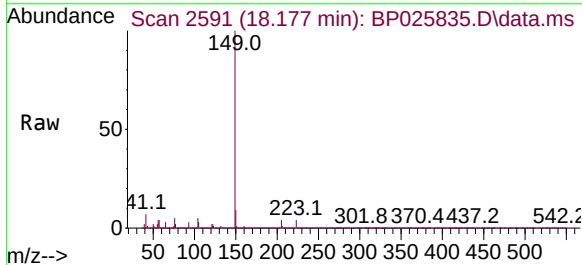
Instrument :
 BNA_P
 ClientSampleId :
 OR-500-COMP-40MS

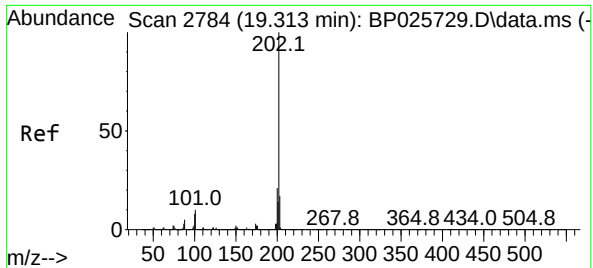
Tgt Ion:167 Resp: 2437888
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.4
 139 12.9 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 48.261 ng
 RT: 18.177 min Scan# 2591
 Delta R.T. -0.006 min
 Lab File: BP025835.D
 Acq: 23 Sep 2025 18:41

Tgt Ion:149 Resp: 3365104
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.2 4.3 6.5

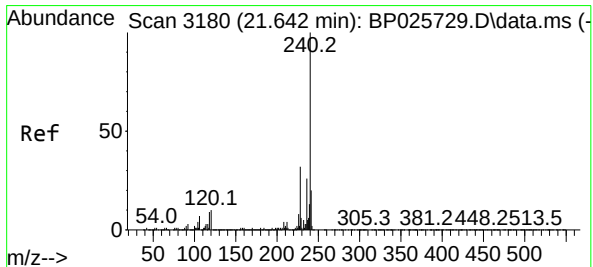
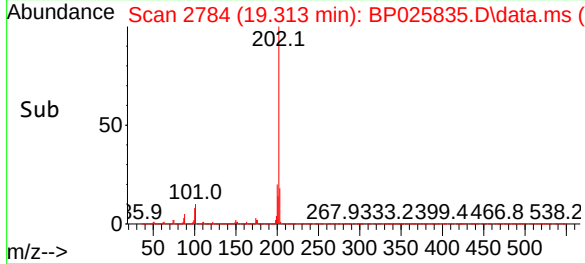
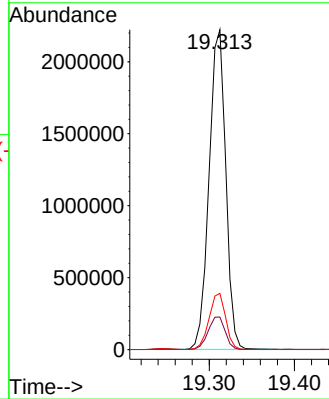
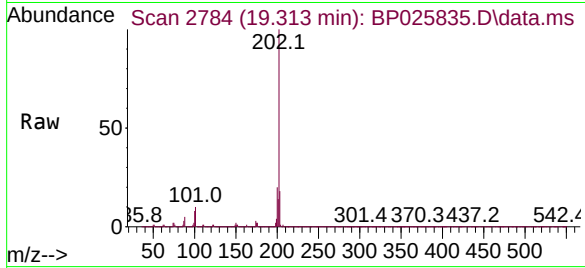




#75
Fluoranthene
Concen: 41.729 ng
RT: 19.313 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

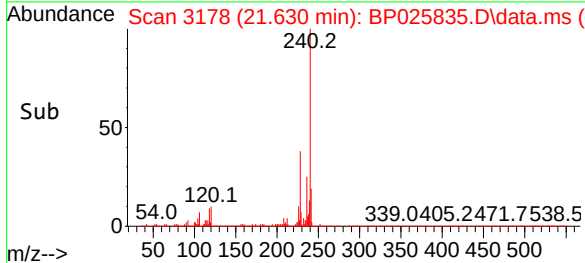
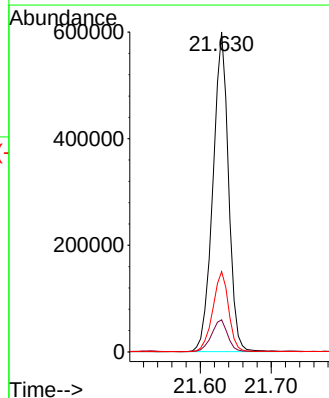
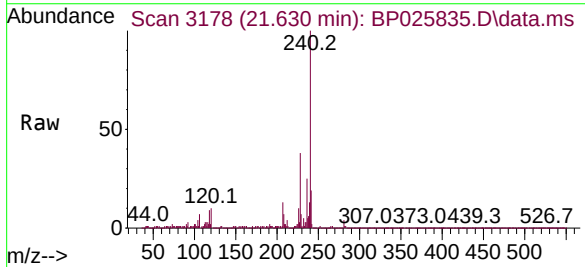
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

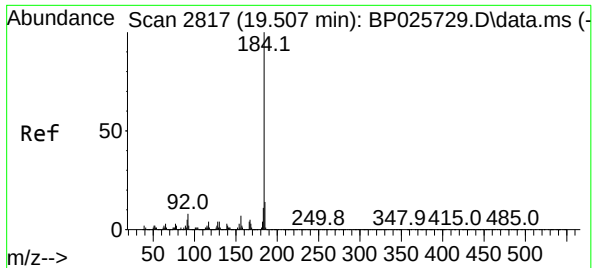
Tgt Ion:202 Resp: 3014541
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.4
203 17.6 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.012 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion:240 Resp: 915774
Ion Ratio Lower Upper
240 100
120 10.0 8.0 12.0
236 25.1 20.7 31.1

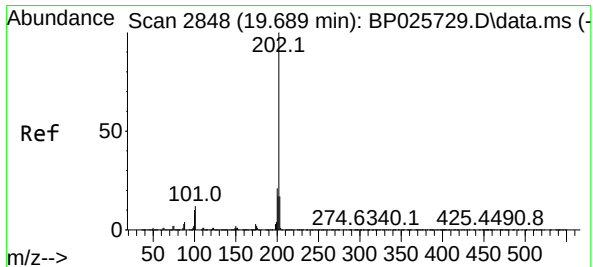
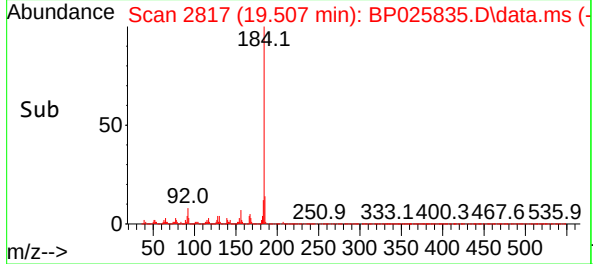
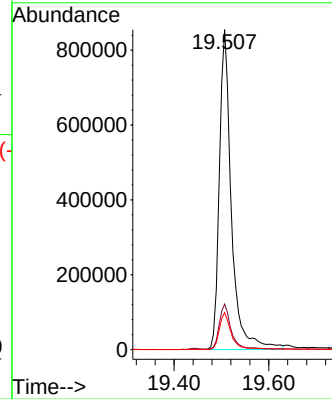
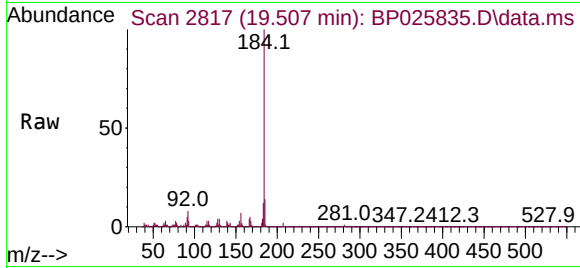




#77
Benzidine
Concen: 57.200 ng
RT: 19.507 min Scan# 2817
Delta R.T. -0.000 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

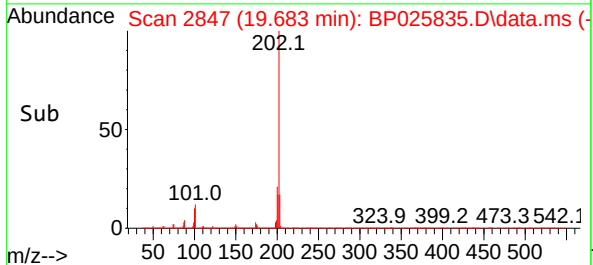
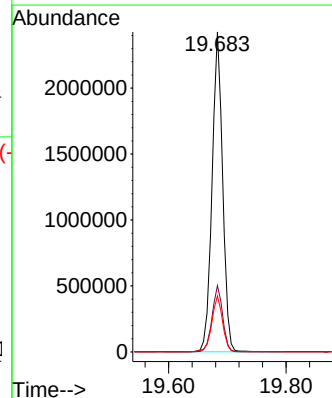
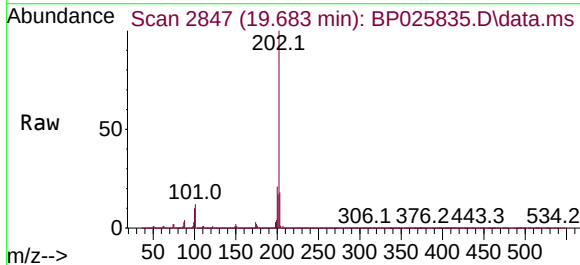
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

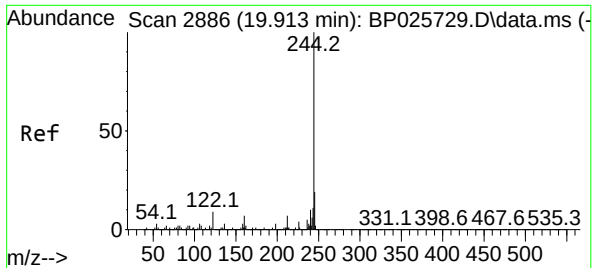
Tgt Ion:184 Resp: 1508877
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.6 9.2 13.8



#78
Pyrene
Concen: 49.599 ng
RT: 19.683 min Scan# 2847
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion:202 Resp: 3030748
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.6
203 17.5 13.9 20.9

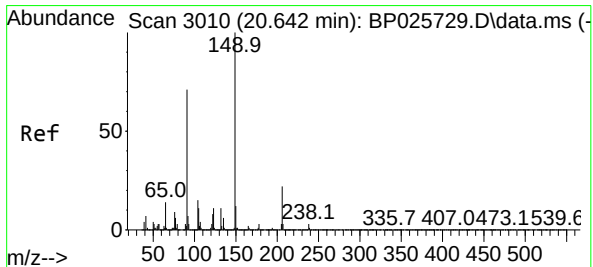
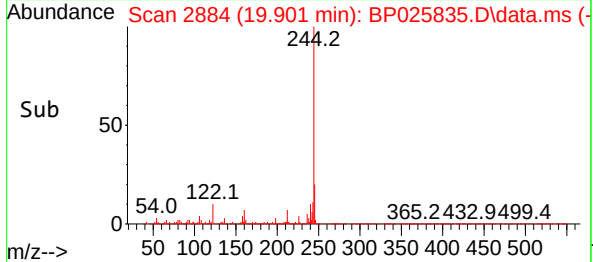
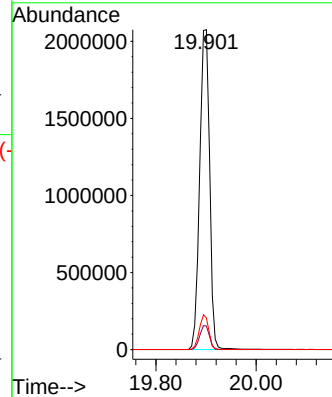
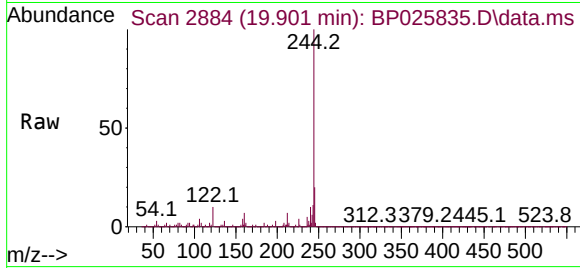




#79
Terphenyl-d14
Concen: 56.111 ng
RT: 19.901 min Scan# 2884
Delta R.T. -0.012 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

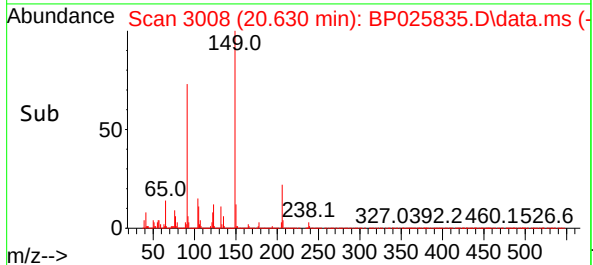
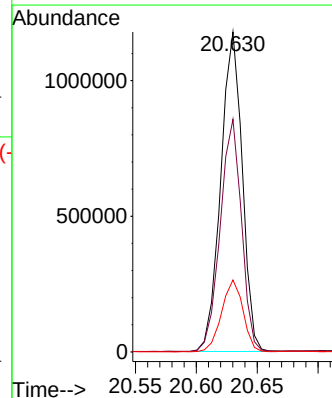
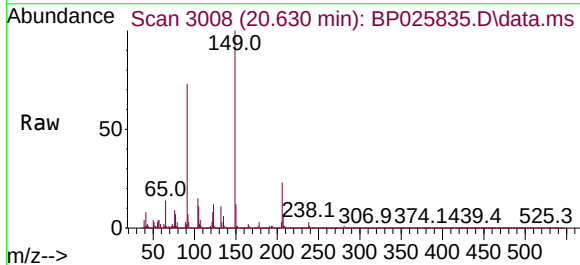
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

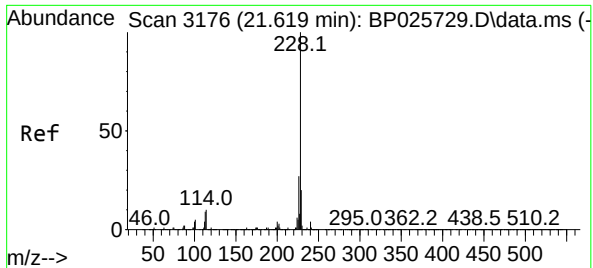
Tgt Ion:244 Resp: 2856312
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 9.9 7.1 10.7



#80
Butylbenzylphthalate
Concen: 53.910 ng
RT: 20.630 min Scan# 3008
Delta R.T. -0.012 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion:149 Resp: 1444373
Ion Ratio Lower Upper
149 100
91 72.7 56.6 85.0
206 22.5 17.4 26.0

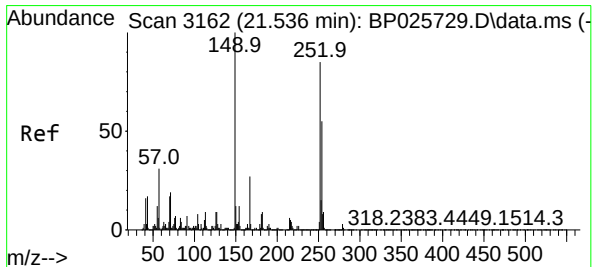
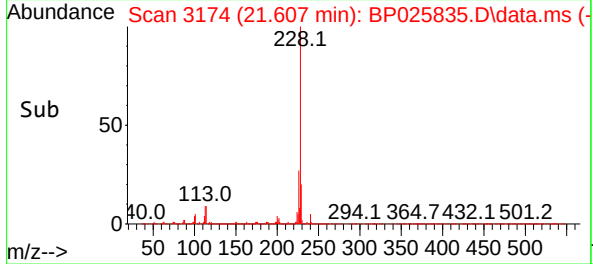
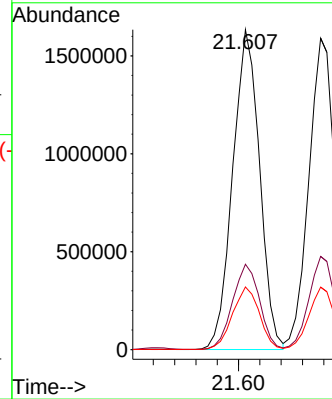
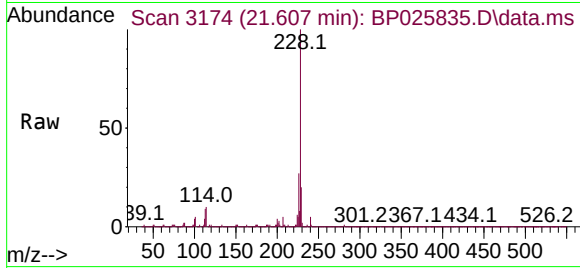




#81
Benzo(a)anthracene
Concen: 45.568 ng
RT: 21.607 min Scan# 3176
Delta R.T. -0.012 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

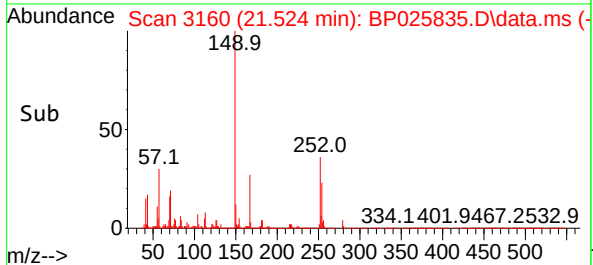
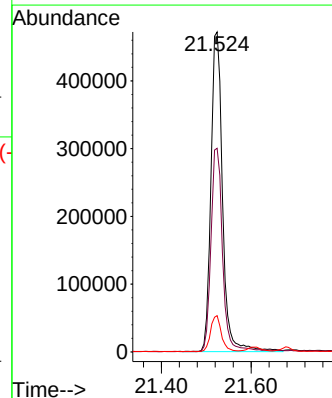
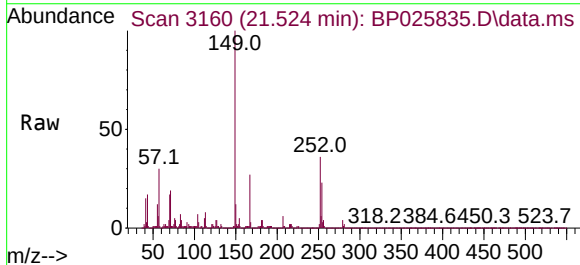
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

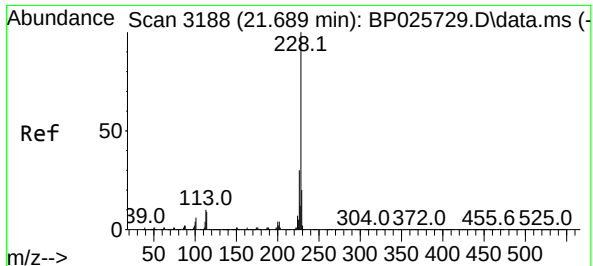
Tgt Ion:228 Resp: 2856867
Ion Ratio Lower Upper
228 100
226 26.7 21.6 32.4
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 39.104 ng
RT: 21.524 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion:252 Resp: 847697
Ion Ratio Lower Upper
252 100
254 63.6 51.4 77.0
126 11.3 8.3 12.5

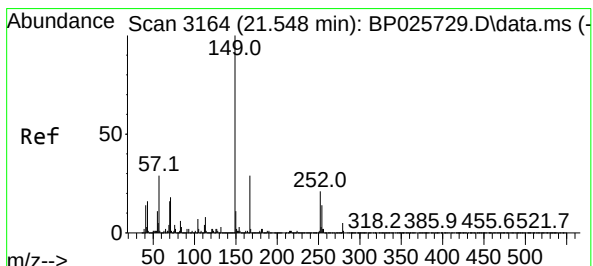
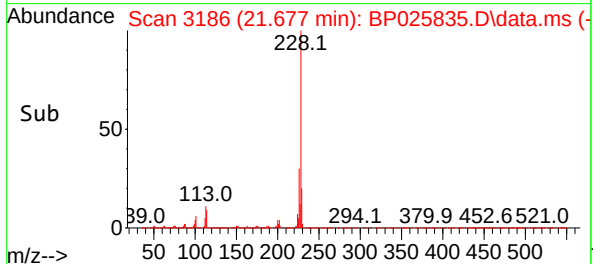
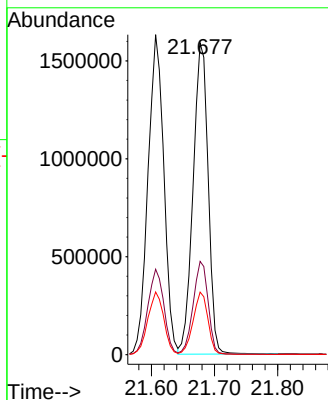
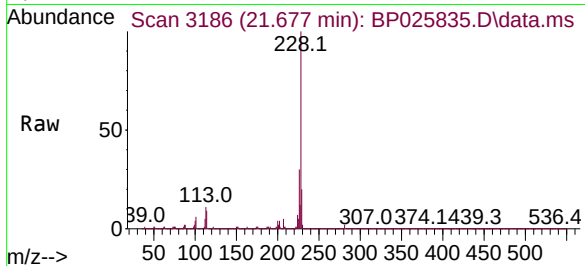




#83
Chrysene
Concen: 44.200 ng
RT: 21.677 min Scan# 3186
Delta R.T. -0.012 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

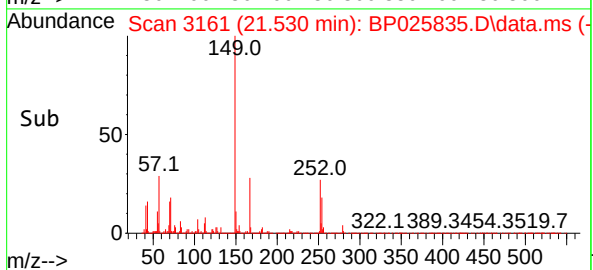
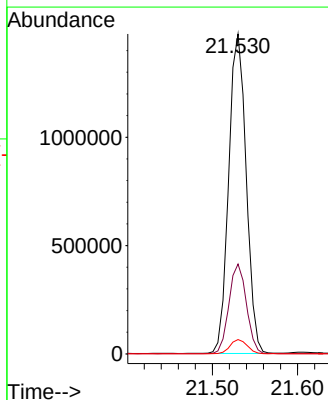
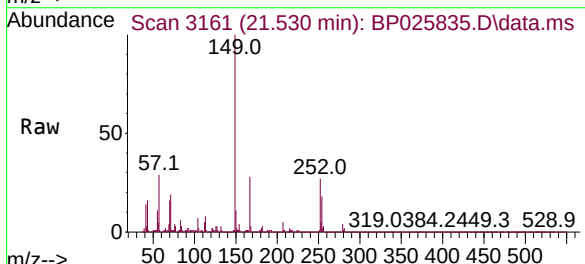
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

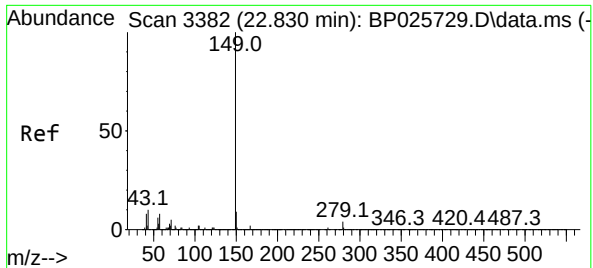
Tgt Ion:228 Resp: 2641572
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.6
229 20.1 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.670 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.018 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion:149 Resp: 2103785
Ion Ratio Lower Upper
149 100
167 28.1 22.9 34.3
279 4.5 3.8 5.8

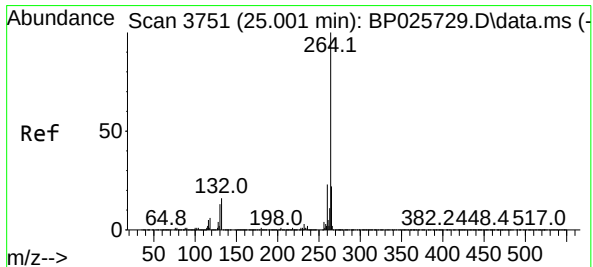
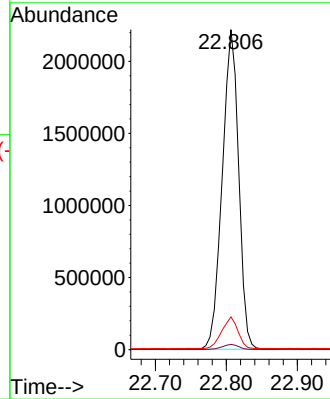
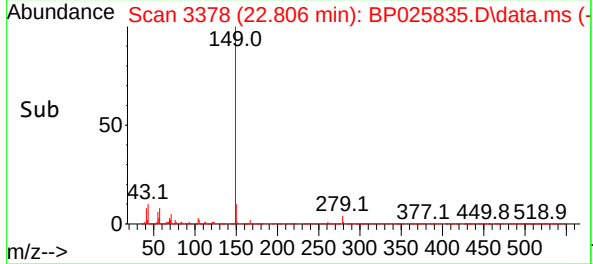
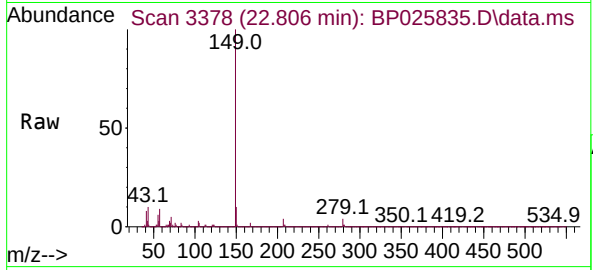




#85
Di-n-octyl phthalate
Concen: 51.153 ng
RT: 22.806 min Scan# 3382
Delta R.T. -0.024 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

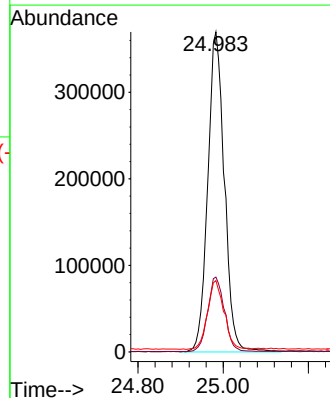
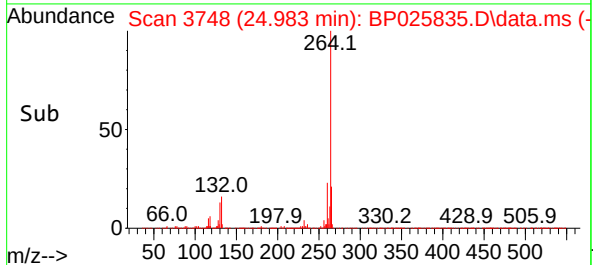
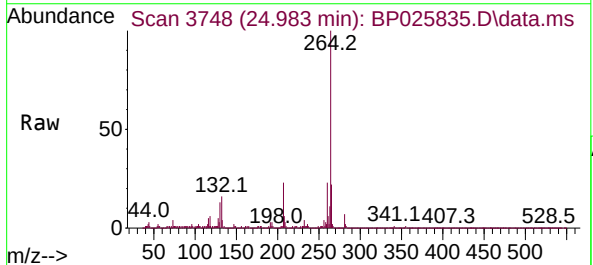
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

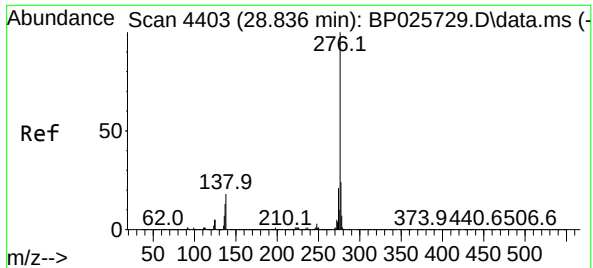
Tgt Ion:149 Resp: 3566683
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.983 min Scan# 3748
Delta R.T. -0.018 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion:264 Resp: 1000886
Ion Ratio Lower Upper
264 100
260 23.4 18.3 27.5
265 22.3 17.3 25.9

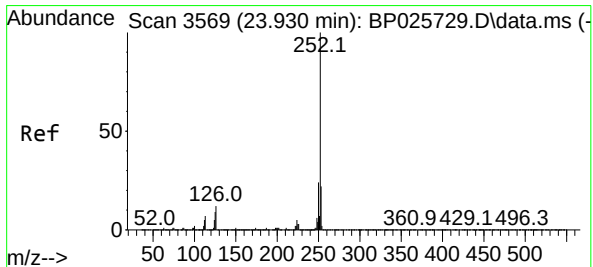
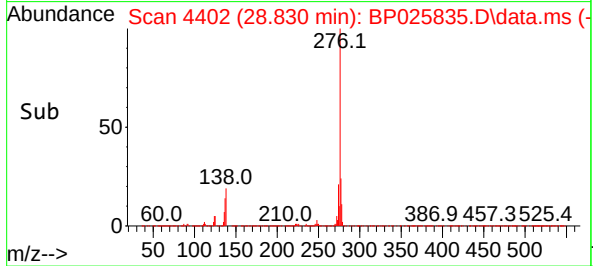
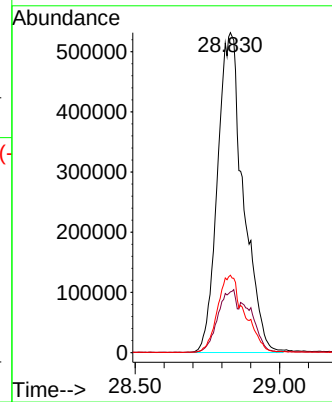
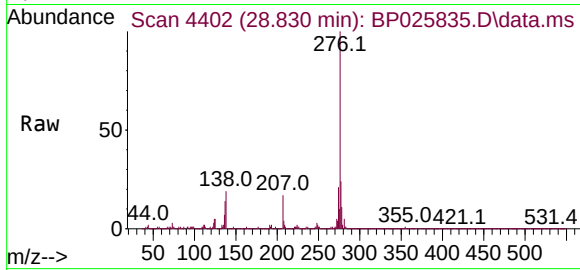




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.414 ng
RT: 28.830 min Scan# 4403
Delta R.T. -0.006 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

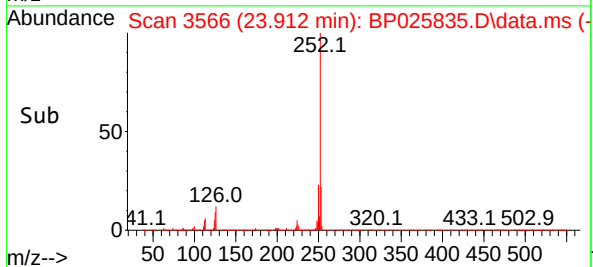
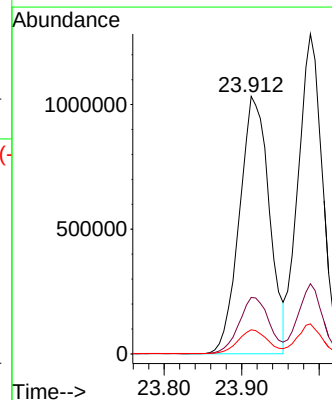
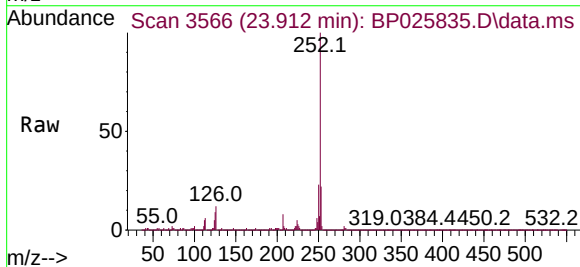
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

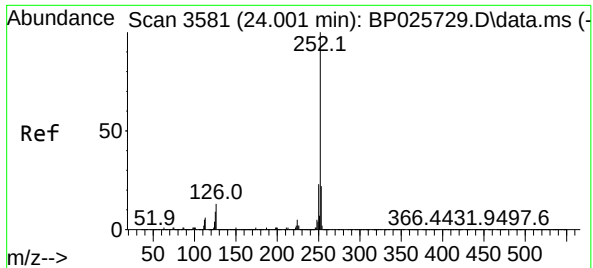
Tgt Ion:276 Resp: 3305488
Ion Ratio Lower Upper
276 100
138 14.6 13.4 20.2
277 25.1 9.1 13.7#



#88
Benzo(b)fluoranthene
Concen: 45.263 ng
RT: 23.912 min Scan# 3566
Delta R.T. -0.018 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion:252 Resp: 2770396
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 9.3 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 44.797 ng

RT: 23.989 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

Instrument :

BNA_P

ClientSampleId :

OR-500-COMP-40MS

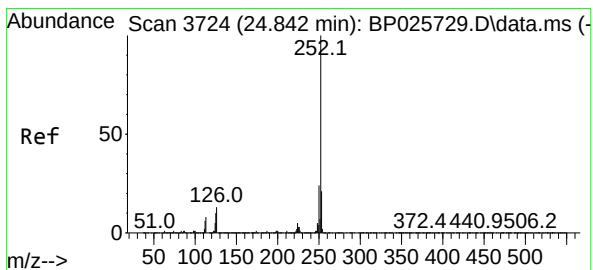
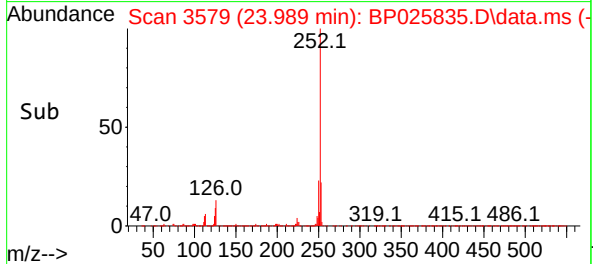
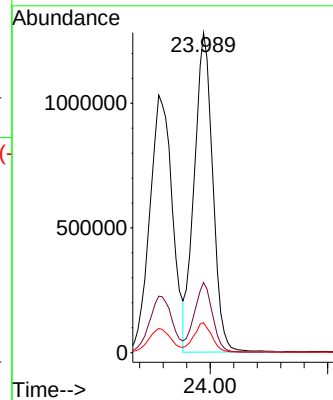
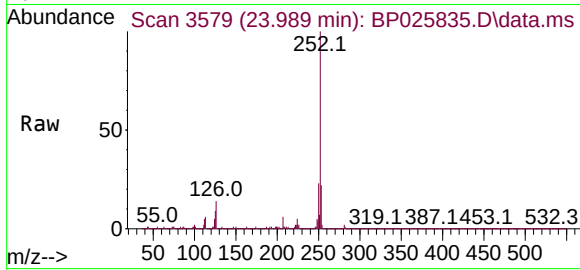
Tgt Ion:252 Resp: 2797880

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.4 7.5 11.3



#90

Benzo(a)pyrene

Concen: 44.473 ng

RT: 24.836 min Scan# 3723

Delta R.T. -0.006 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

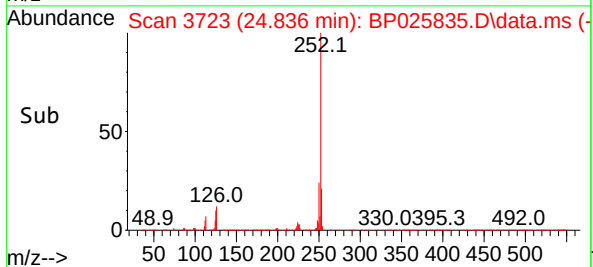
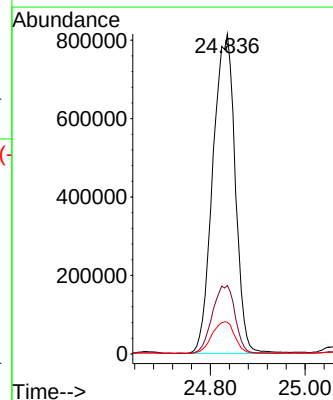
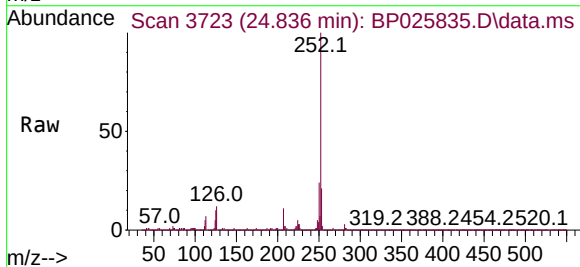
Tgt Ion:252 Resp: 2665693

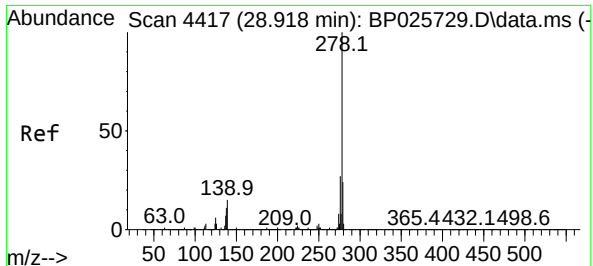
Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 9.9 8.3 12.5

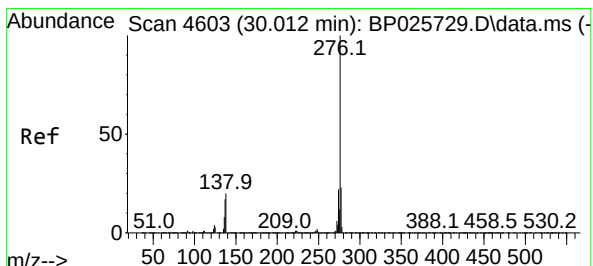
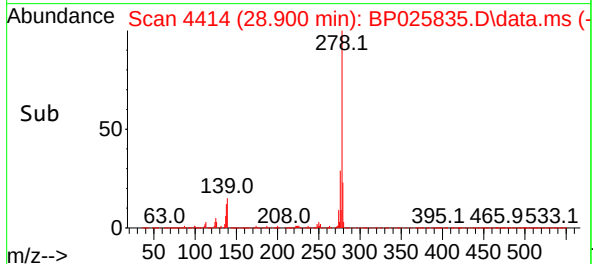
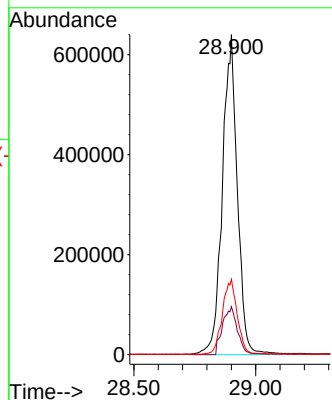
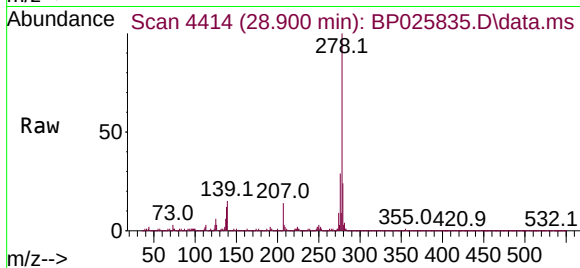




#91
Dibenzo(a,h)anthracene
Concen: 45.494 ng
RT: 28.900 min Scan# 4417
Delta R.T. -0.018 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

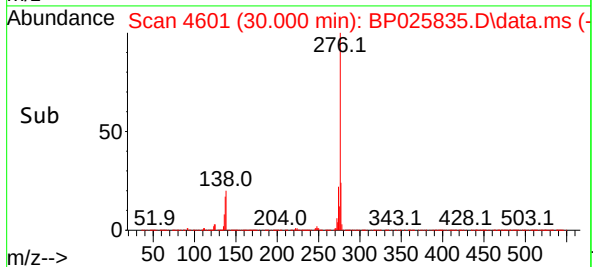
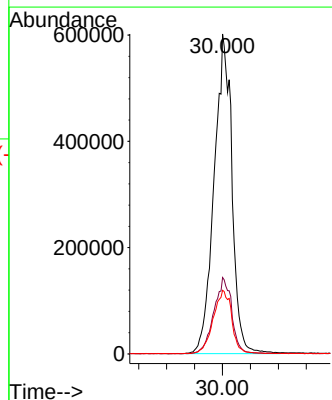
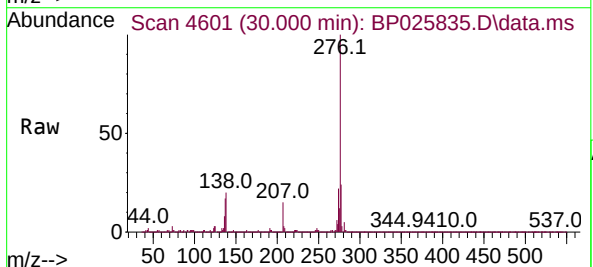
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

Tgt Ion:278 Resp: 2709752
Ion Ratio Lower Upper
278 100
139 15.0 12.1 18.1
279 23.5 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 45.527 ng
RT: 30.000 min Scan# 4601
Delta R.T. -0.012 min
Lab File: BP025835.D
Acq: 23 Sep 2025 18:41

Tgt Ion:276 Resp: 2666848
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 19.9 16.0 24.0



Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	OR-500-COMP-40MSD	SDG No.:	Q3155
Lab Sample ID:	Q3153-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.8
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025836.D	1	09/22/25 09:30	09/23/25 19:22	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1000		15.7	120	ug/Kg
86-73-7	Fluorene	1000		17.5	120	ug/Kg
85-01-8	Phenanthrene	1000		14.4	120	ug/Kg
120-12-7	Anthracene	1100		23.0	120	ug/Kg
129-00-0	Pyrene	1200		24.9	120	ug/Kg
56-55-3	Benzo(a)anthracene	1100		15.9	120	ug/Kg
218-01-9	Chrysene	1100		13.7	120	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		13.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		20.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		20.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		17.7	120	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	59.7		18 - 107	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.7		20 - 109	50%	SPK: 100
1718-51-0	Terphenyl-d14	59.6		10 - 105	60%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	217000	7.749			
1146-65-2	Naphthalene-d8	953000	10.519			
15067-26-2	Acenaphthene-d10	680000	14.378			
1517-22-2	Phenanthrene-d10	1330000	17.178			
1719-03-5	Chrysene-d12	1030000	21.63			
1520-96-3	Perylene-d12	1170000	24.983			

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	OR-500-COMP-40MSD	SDG No.:	Q3155
Lab Sample ID:	Q3153-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.8
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025836.D	1	09/22/25 09:30	09/23/25 19:22	PB169774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP092325\
 Data File : BP025836.D
 Acq On : 23 Sep 2025 19:22
 Operator : CG/JU
 Sample : Q3153-05MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-500-COMP-40MSD

Quant Time: Sep 24 00:25:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	217289	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	953089	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	680180	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	1328394	20.000	ng	0.00
76) Chrysene-d12	21.630	240	1034217	20.000	ng	-0.01
86) Perylene-d12	24.983	264	1170740	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1531231	113.706	ng	0.00
7) Phenol-d6	6.955	99	2068358	115.554	ng	0.00
23) Nitrobenzene-d5	8.896	82	1290830	59.742	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	873331	102.940	ng	-0.01
45) 2-Fluorobiphenyl	12.978	172	2540663	49.735	ng	-0.01
79) Terphenyl-d14	19.901	244	3425629	59.588	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.302	88	193313	34.203	ng	98
3) Pyridine	3.696	79	565406	36.330	ng	97
4) n-Nitrosodimethylamine	3.602	42	307620	41.889	ng	96
6) Aniline	7.090	93	782642	31.852	ng	100
8) 2-Chlorophenol	7.331	128	763462	51.679	ng	100
9) Benzaldehyde	6.902	77	441734	41.174	ng	98
10) Phenol	6.978	94	980277	51.938	ng	98
11) bis(2-Chloroethyl)ether	7.178	93	700414	46.190	ng	97
12) 1,3-Dichlorobenzene	7.643	146	762912	45.374	ng	98
13) 1,4-Dichlorobenzene	7.784	146	781033	45.602	ng	99
14) 1,2-Dichlorobenzene	8.096	146	763926	45.913	ng	99
15) Benzyl Alcohol	7.996	79	720051	48.682	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.266	45	1139680	45.958	ng	98
17) 2-Methylphenol	8.208	107	660395	51.898	ng	98
18) Hexachloroethane	8.813	117	317661	48.557	ng	98
19) n-Nitroso-di-n-propyla...	8.549	70	592827	47.485	ng	98
20) 3+4-Methylphenols	8.531	107	897449	50.359	ng	98
22) Acetophenone	8.561	105	1285073	50.454	ng	# 99
24) Nitrobenzene	8.943	77	876654	45.227	ng	99
25) Isophorone	9.460	82	1709367	45.010	ng	99
26) 2-Nitrophenol	9.643	139	434310	50.467	ng	95
27) 2,4-Dimethylphenol	9.719	122	747285	49.497	ng	98
28) bis(2-Chloroethoxy)met...	9.931	93	1022801	46.591	ng	98
29) 2,4-Dichlorophenol	10.196	162	783843	52.072	ng	99
30) 1,2,4-Trichlorobenzene	10.384	180	773723	45.607	ng	99
31) Naphthalene	10.572	128	2335848	45.452	ng	99
32) Benzoic acid	9.925	122	662628	59.033	ng	99
33) 4-Chloroaniline	10.684	127	437777	20.438	ng	100
34) Hexachlorobutadiene	10.849	225	493457	45.184	ng	99
35) Caprolactam	11.496	113	283114	48.790	ng	97
36) 4-Chloro-3-methylphenol	11.831	107	898040	50.039	ng	97
37) 2-Methylnaphthalene	12.178	142	1573442	47.669	ng	99
38) 1-Methylnaphthalene	12.402	142	1642442	46.662	ng	99
40) 1,2,4,5-Tetrachloroben...	12.549	216	1049634	50.925	ng	99
41) Hexachlorocyclopentadiene	12.525	237	700371	62.390	ng	99
43) 2,4,6-Trichlorophenol	12.807	196	675638	49.863	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
 Data File : BP025836.D
 Acq On : 23 Sep 2025 19:22
 Operator : CG/JU
 Sample : Q3153-05MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-500-COMP-40MSD

Quant Time: Sep 24 00:25:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

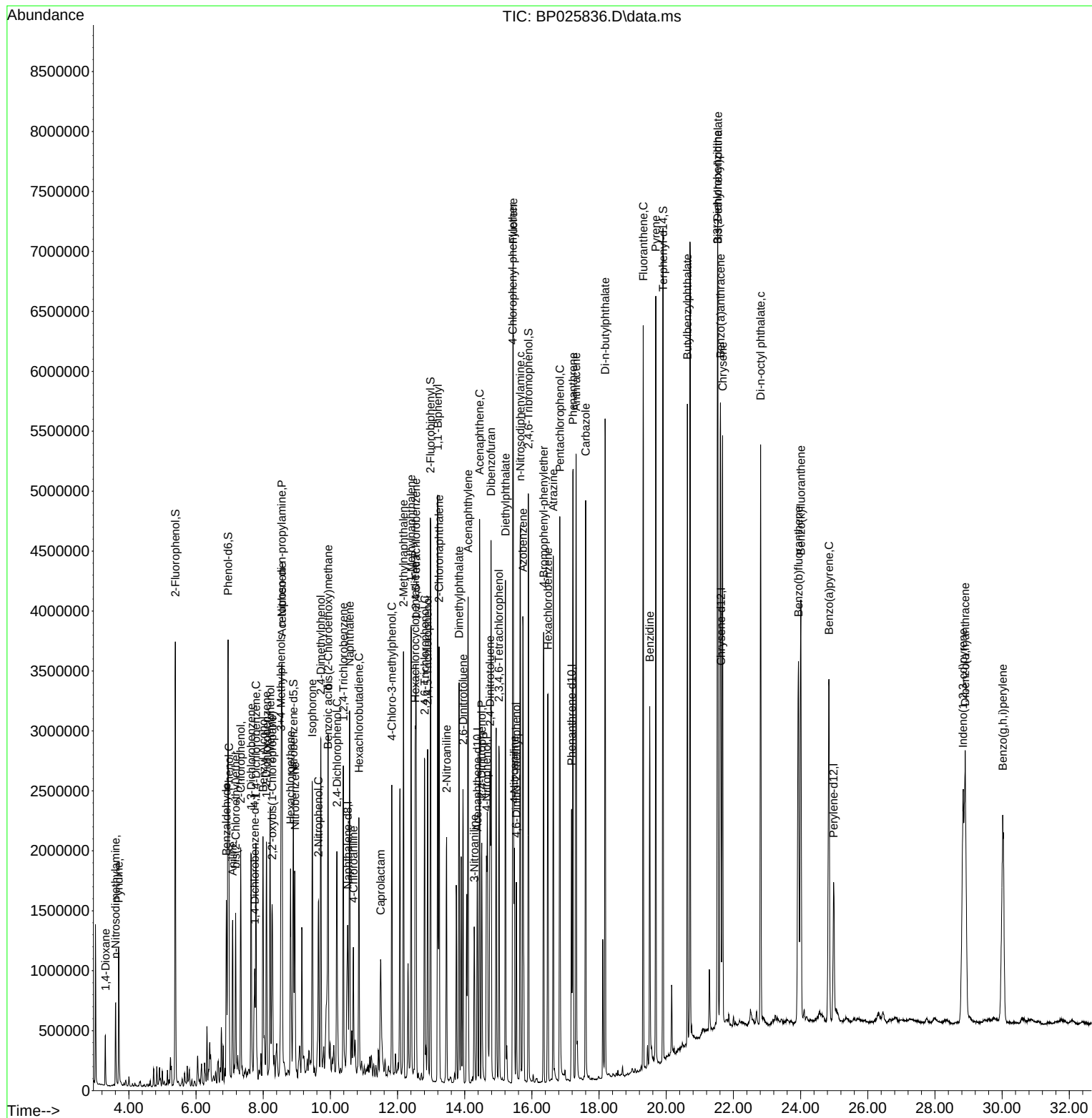
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44) 2,4,5-Trichlorophenol	12.896	196	744929	49.399	ng	97
46) 1,1'-Biphenyl	13.196	154	2502608	50.127	ng	100
47) 2-Chloronaphthalene	13.237	162	1830796	46.572	ng	99
48) 2-Nitroaniline	13.460	65	633517	48.344	ng	95
49) Acenaphthylene	14.101	152	3070378	47.139	ng	100
50) Dimethylphthalate	13.831	163	2353902	45.329	ng	100
51) 2,6-Dinitrotoluene	13.948	165	526872	47.889	ng	97
52) Acenaphthene	14.443	154	1701595	45.300	ng	99
53) 3-Nitroaniline	14.284	138	379482	32.800	ng	100
54) 2,4-Dinitrophenol	14.507	184	505801	71.269	ng	98
55) Dibenzofuran	14.784	168	2764922	45.164	ng	100
56) 4-Nitrophenol	14.648	139	810918	81.313	ng	97
57) 2,4-Dinitrotoluene	14.754	165	761214	48.616	ng	95
58) Fluorene	15.443	166	2203790	45.270	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	654182	48.157	ng	98
60) Diethylphthalate	15.213	149	2470212	46.895	ng	99
61) 4-Chlorophenyl-phenyle...	15.431	204	1137004	46.344	ng	99
62) 4-Nitroaniline	15.478	138	539050	45.479	ng	98
63) Azobenzene	15.731	77	2639220	51.818	ng	99
65) 4,6-Dinitro-2-methylph...	15.537	198	367242	41.570	ng	97
66) n-Nitrosodiphenylamine	15.654	169	2015521	49.580	ng	99
67) 4-Bromophenyl-phenylether	16.348	248	749563	51.363	ng	98
68) Hexachlorobenzene	16.478	284	805838	49.516	ng	94
69) Atrazine	16.637	200	765489	49.262	ng	99
70) Pentachlorophenol	16.831	266	958569	89.244	ng	99
71) Phenanthrene	17.225	178	3381879	44.880	ng	100
72) Anthracene	17.319	178	3509419	45.901	ng	100
73) Carbazole	17.601	167	3104556	43.676	ng	100
74) Di-n-butylphthalate	18.178	149	4348685	49.853	ng	100
75) Fluoranthene	19.313	202	3610257	39.948	ng	99
77) Benzidine	19.507	184	1934401	64.932	ng	100
78) Pyrene	19.689	202	3582986	51.921	ng	99
80) Butylbenzylphthalate	20.630	149	1718336	56.790	ng	99
81) Benzo(a)anthracene	21.613	228	3331030	47.046	ng	100
82) 3,3'-Dichlorobenzidine	21.525	252	1065724	43.531	ng	99
83) Chrysene	21.677	228	3150883	46.684	ng	100
84) Bis(2-ethylhexyl)phtha...	21.536	149	2446096	55.257	ng	100
85) Di-n-octyl phthalate	22.807	149	4183044	53.122	ng	99
87) Indeno(1,2,3-cd)pyrene	28.836	276	4079428	47.915	ng	# 77
88) Benzo(b)fluoranthene	23.936	252	3326956	46.470	ng	99
89) Benzo(k)fluoranthene	24.007	252	3429343	46.941	ng	99
90) Benzo(a)pyrene	24.842	252	3246023	46.298	ng	99
91) Dibenzo(a,h)anthracene	28.901	278	3357344	48.188	ng	99
92) Benzo(g,h,i)perylene	30.018	276	3268828	47.708	ng	99

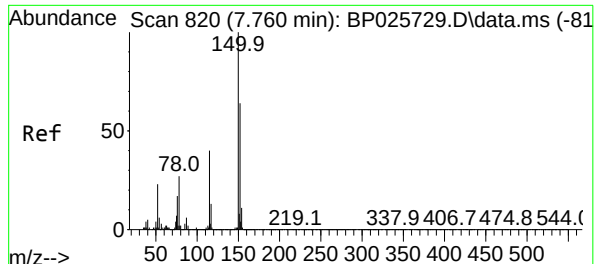
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BP025836.D  
Acq On    : 23 Sep 2025  19:22  
Operator  : CG/JU  
Sample    : Q3153-05MSD  
Misc      :  
ALS Vial  : 14    Sample Multiplier: 1
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Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

Quant Time: Sep 24 00:25:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

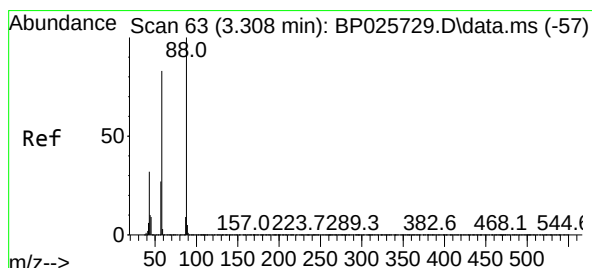
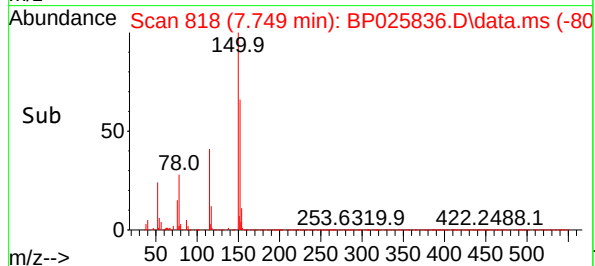
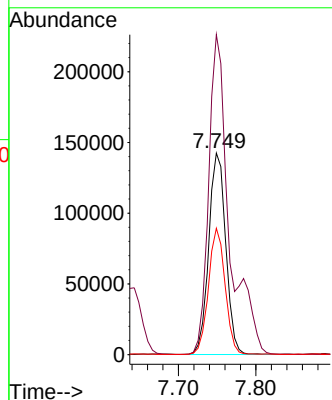
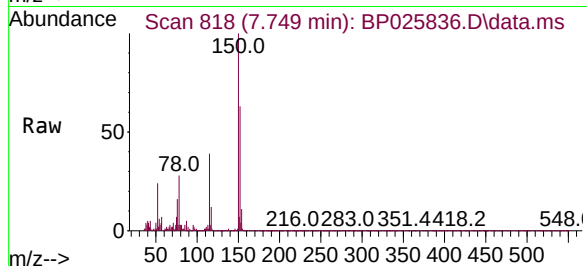




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

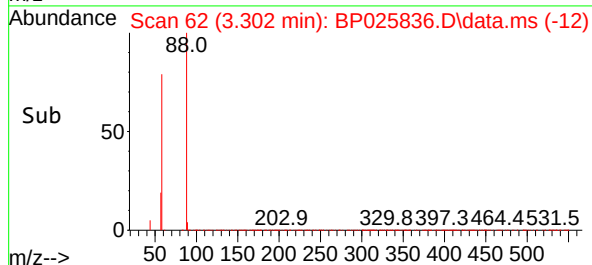
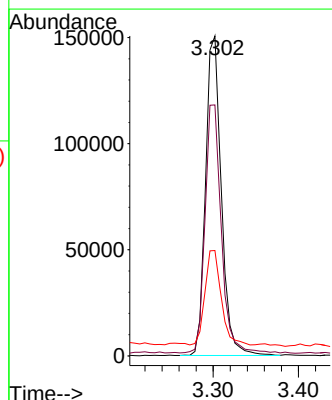
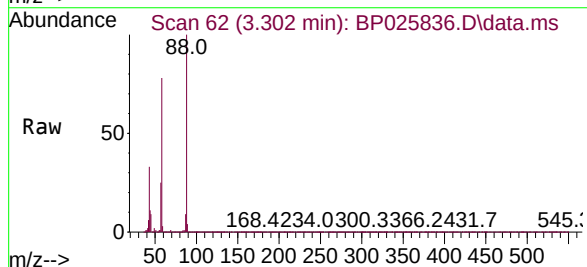
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

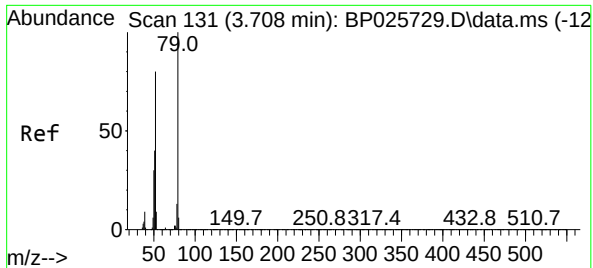
Tgt Ion:152 Resp: 217289
Ion Ratio Lower Upper
152 100
150 158.8 124.3 186.5
115 62.7 50.3 75.5



#2
1,4-Dioxane
Concen: 34.203 ng
RT: 3.302 min Scan# 62
Delta R.T. -0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion: 88 Resp: 193313
Ion Ratio Lower Upper
88 100
58 80.5 65.5 98.3
43 30.4 25.2 37.8

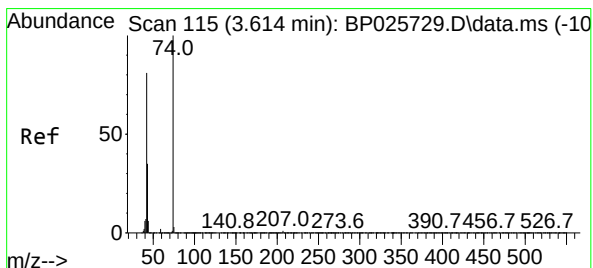
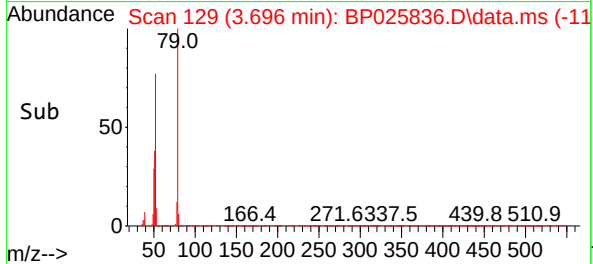
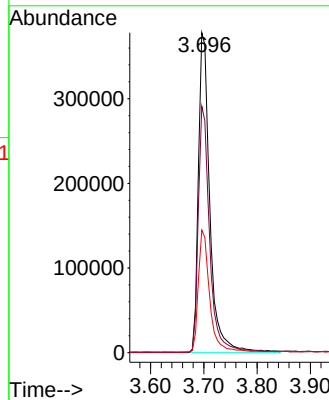
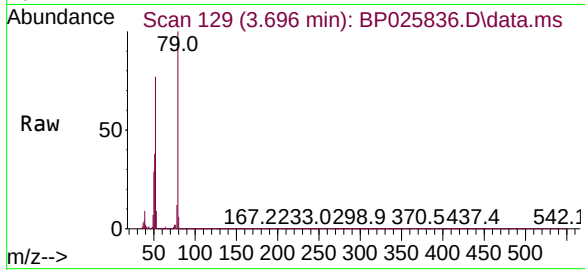




#3
Pyridine
Concen: 36.330 ng
RT: 3.696 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

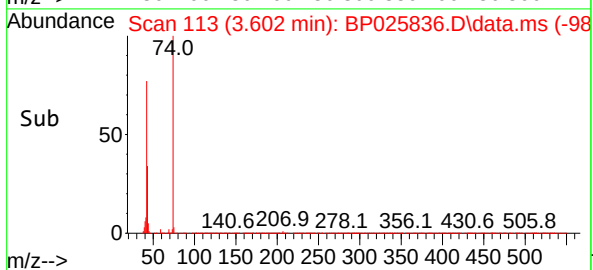
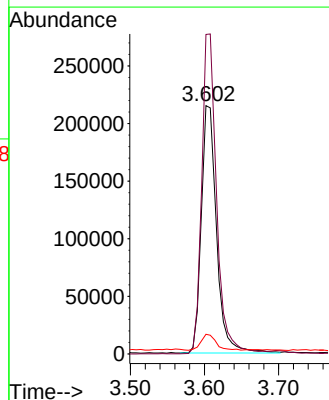
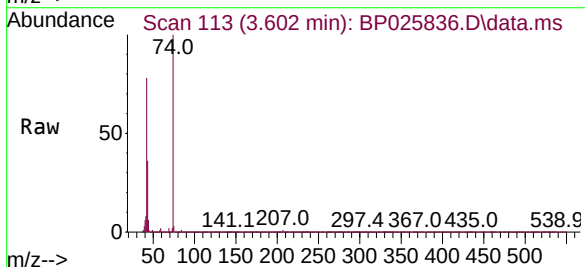
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

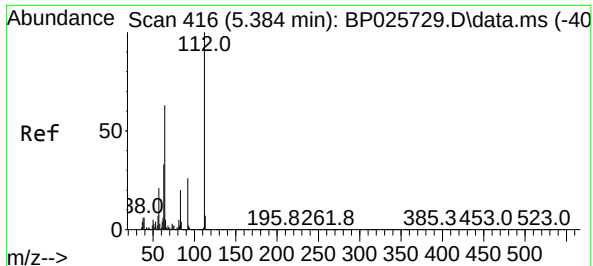
Tgt Ion: 79 Resp: 565406
Ion Ratio Lower Upper
79 100
52 77.0 63.7 95.5
51 38.3 32.4 48.6



#4
n-Nitrosodimethylamine
Concen: 41.889 ng
RT: 3.602 min Scan# 113
Delta R.T. -0.012 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion: 42 Resp: 307620
Ion Ratio Lower Upper
42 100
74 128.6 99.2 148.8
44 7.9 6.4 9.6

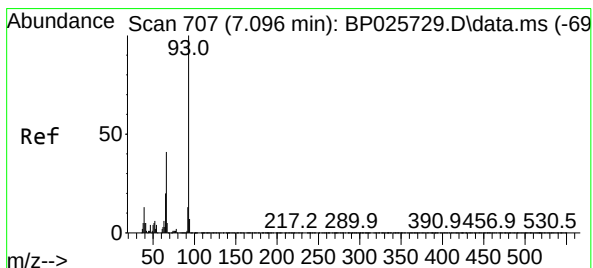
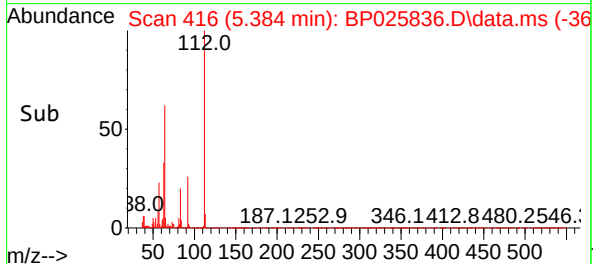
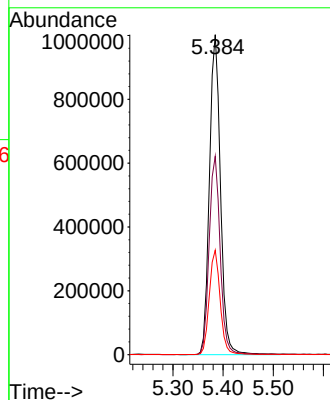
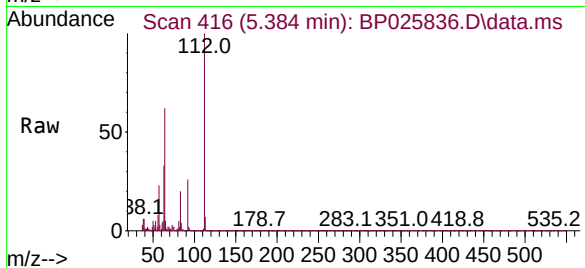




#5
2-Fluorophenol
Concen: 113.706 ng
RT: 5.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

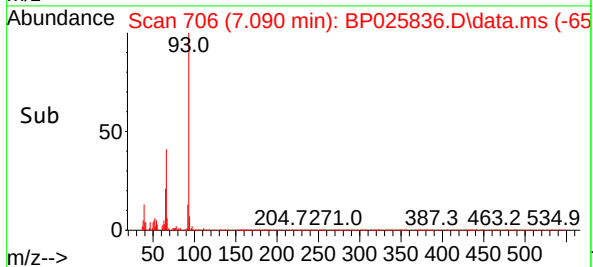
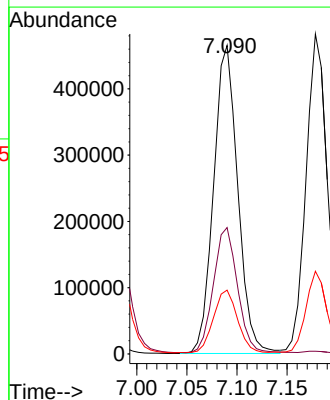
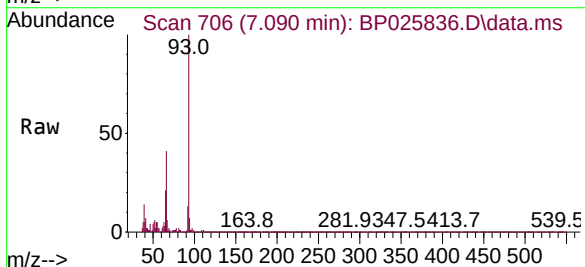
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

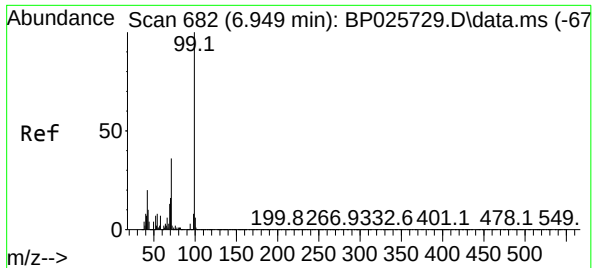
Tgt Ion:112 Resp: 1531231
Ion Ratio Lower Upper
112 100
64 62.0 50.2 75.4
63 32.6 26.7 40.1



#6
Aniline
Concen: 31.852 ng
RT: 7.090 min Scan# 706
Delta R.T. -0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion: 93 Resp: 782642
Ion Ratio Lower Upper
93 100
66 40.9 32.6 49.0
65 20.7 16.2 24.2



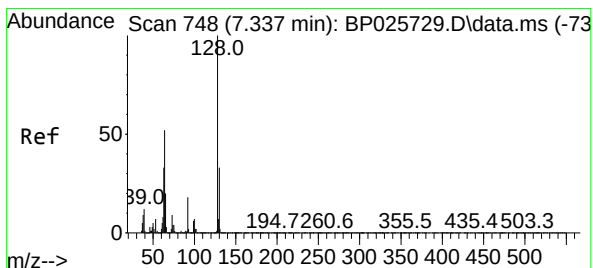
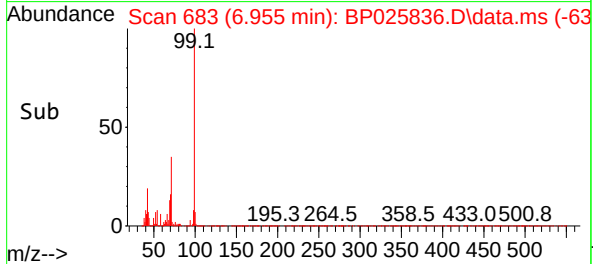
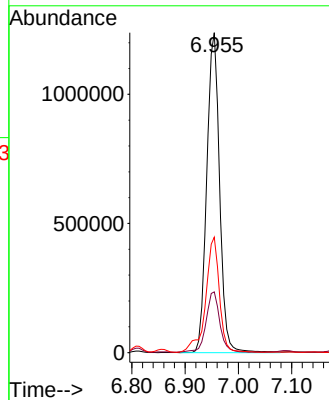
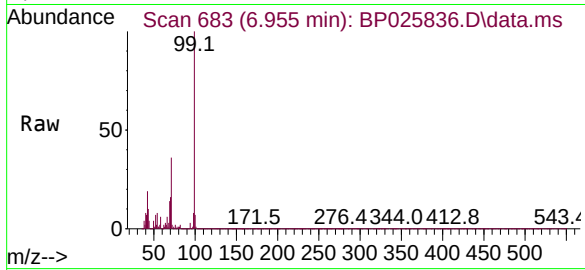


#7
Phenol-d6
Concen: 115.554 ng
RT: 6.955 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

Tgt Ion: 99 Resp: 2068358

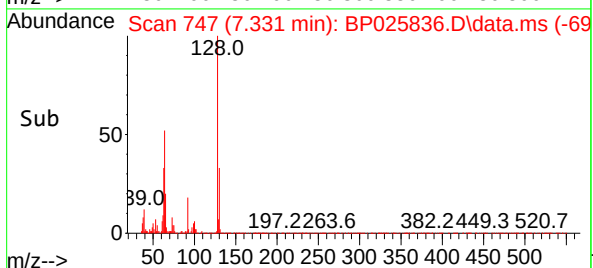
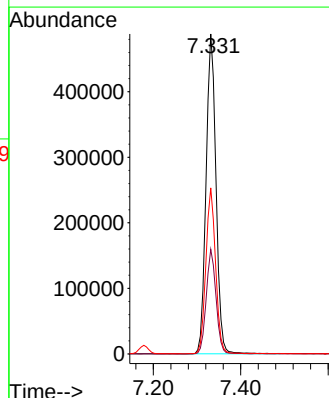
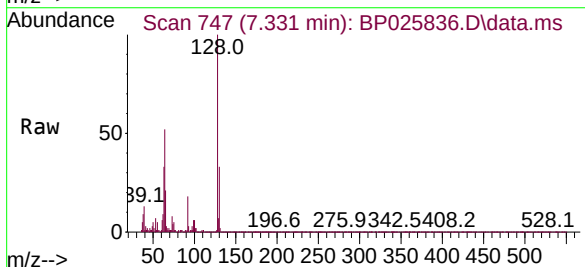
Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.6	23.4
71	36.1	28.6	43.0

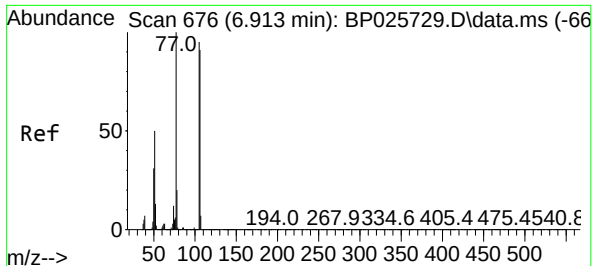


#8
2-Chlorophenol
Concen: 51.679 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion: 128 Resp: 763462

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	51.9	31.6	71.6

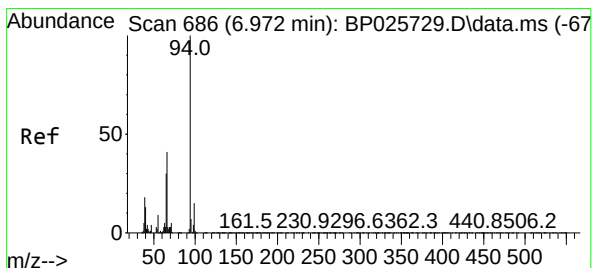
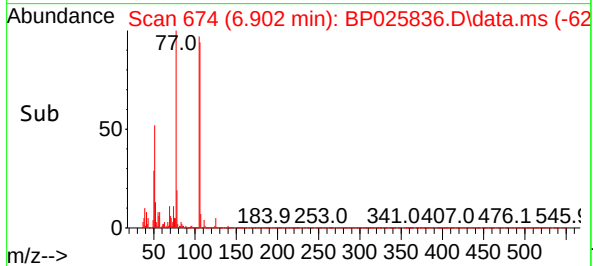
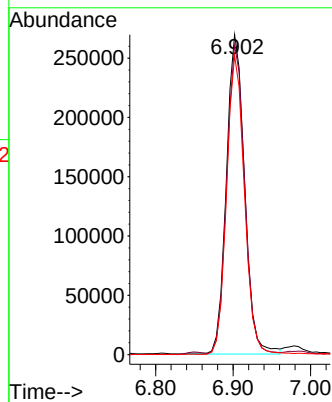
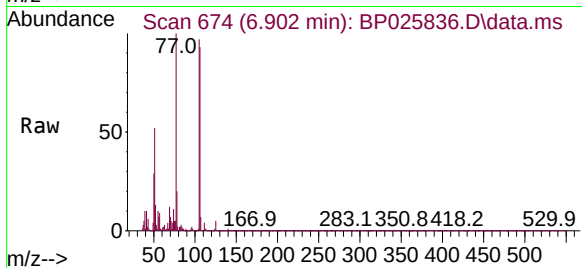




#9
Benzaldehyde
Concen: 41.174 ng
RT: 6.902 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

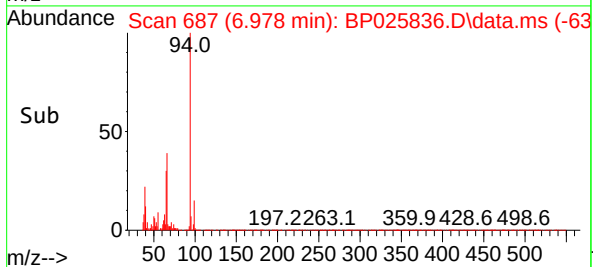
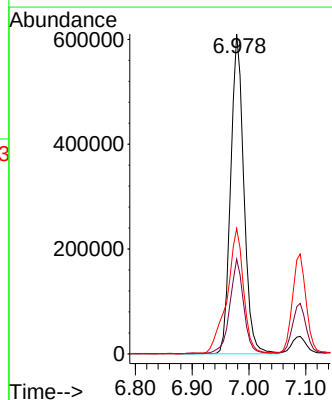
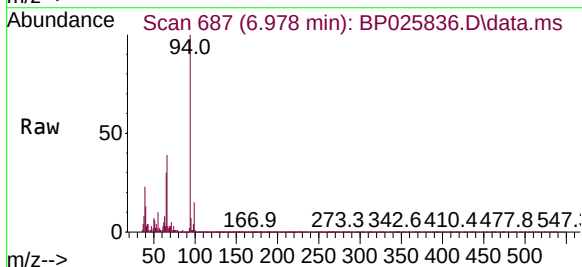
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ClientSampleId :
OR-500-COMP-40MSD

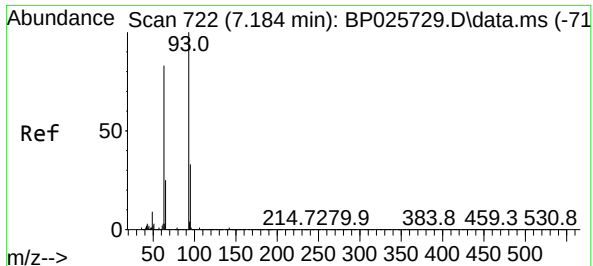
Tgt Ion: 77 Resp: 441734
Ion Ratio Lower Upper
77 100
105 96.7 75.2 115.2
106 93.4 71.3 111.3



#10
Phenol
Concen: 51.938 ng
RT: 6.978 min Scan# 687
Delta R.T. 0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion: 94 Resp: 980277
Ion Ratio Lower Upper
94 100
65 29.6 10.2 50.2
66 39.2 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 46.190 ng

RT: 7.178 min Scan# 71

Delta R.T. -0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

Instrument :

BNA_P

ClientSampleId :

OR-500-COMP-40MSD

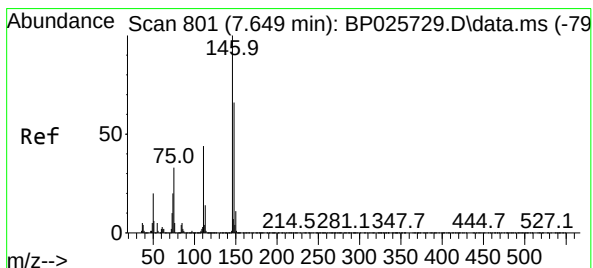
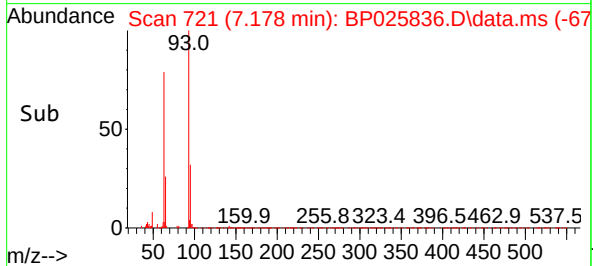
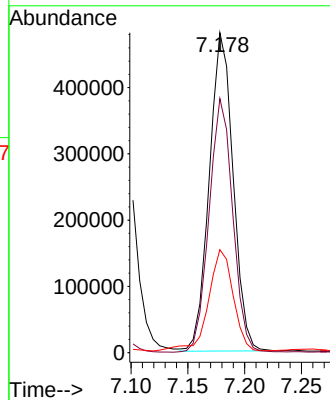
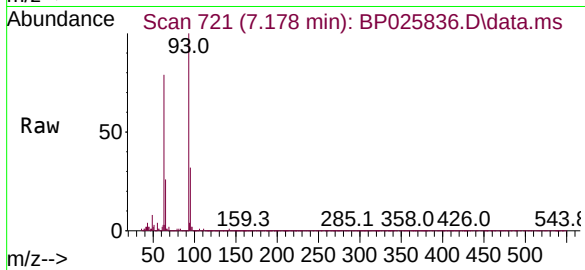
Tgt Ion: 93 Resp: 700414

Ion Ratio Lower Upper

93 100

63 79.4 62.6 102.6

95 32.2 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 45.374 ng

RT: 7.643 min Scan# 800

Delta R.T. -0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

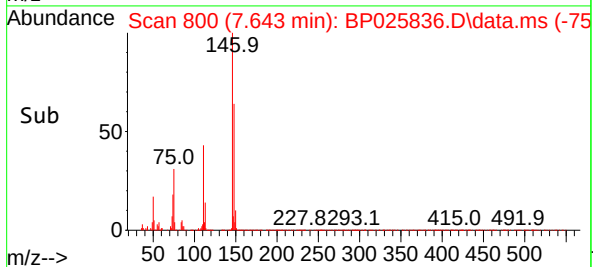
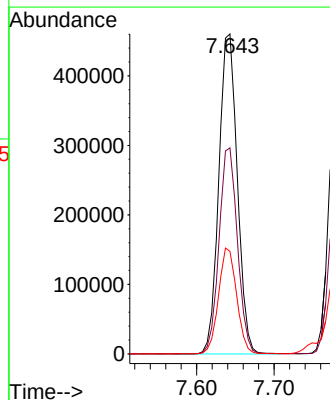
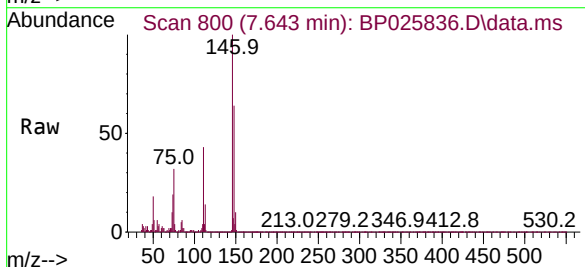
Tgt Ion:146 Resp: 762912

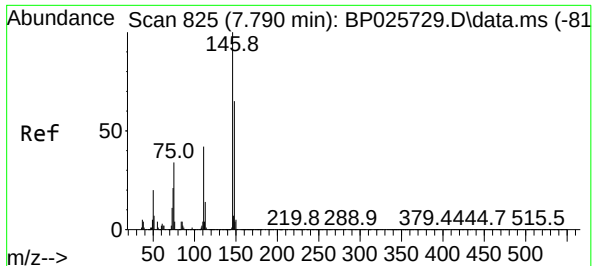
Ion Ratio Lower Upper

146 100

148 64.4 52.7 79.1

75 32.1 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 45.602 ng

RT: 7.784 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

Instrument :

BNA_P

ClientSampleId :

OR-500-COMP-40MSD

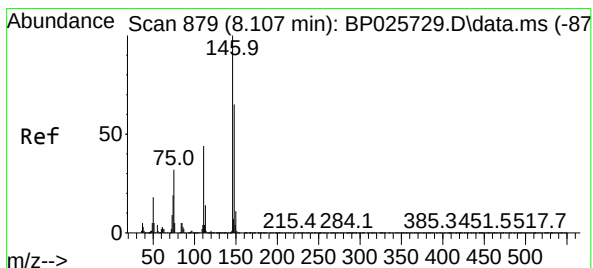
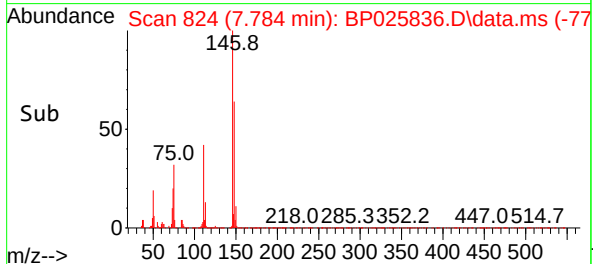
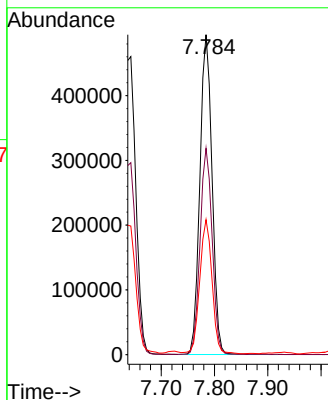
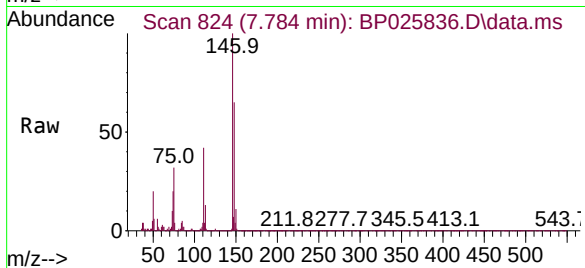
Tgt Ion:146 Resp: 781033

Ion Ratio Lower Upper

146 100

148 64.5 52.0 78.0

111 42.2 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 45.913 ng

RT: 8.096 min Scan# 877

Delta R.T. -0.012 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

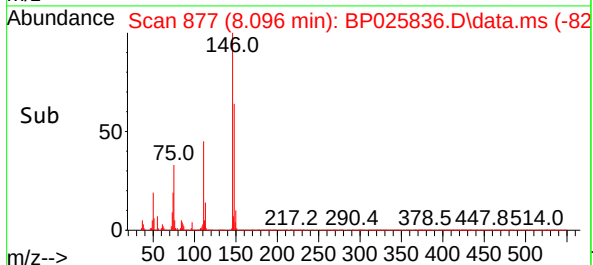
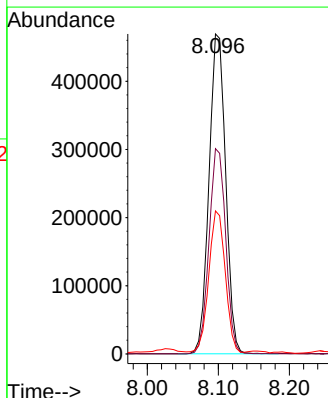
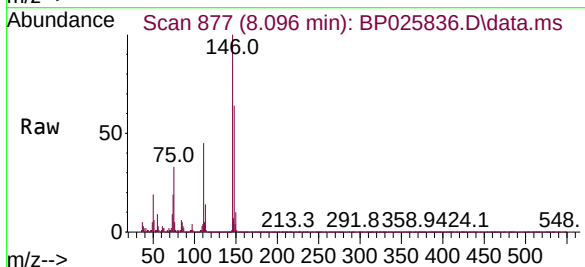
Tgt Ion:146 Resp: 763926

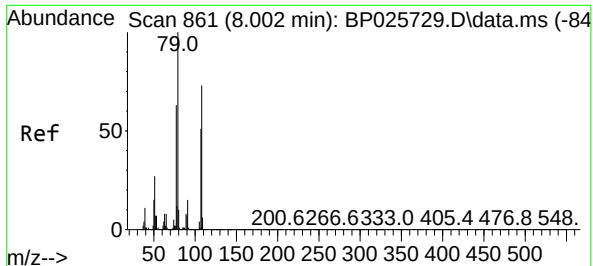
Ion Ratio Lower Upper

146 100

148 64.1 51.7 77.5

111 44.7 35.5 53.3





#15

Benzyl Alcohol

Concen: 48.682 ng

RT: 7.996 min Scan# 80

Delta R.T. -0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

Instrument :

BNA_P

ClientSampleId :

OR-500-COMP-40MSD

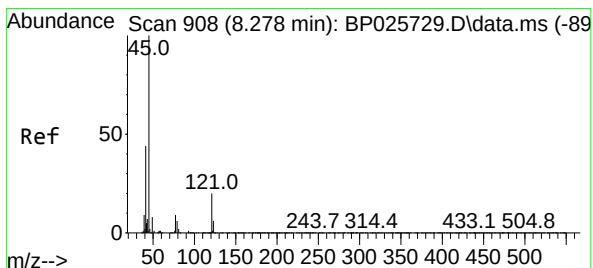
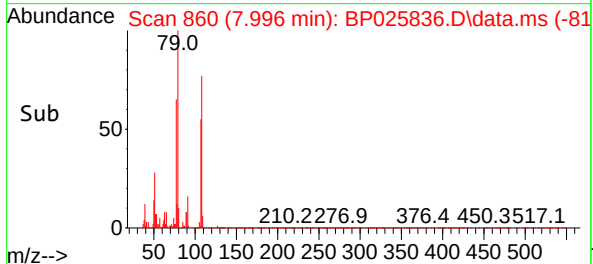
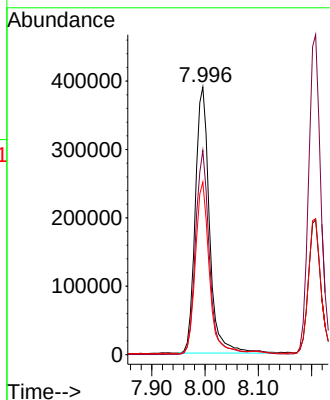
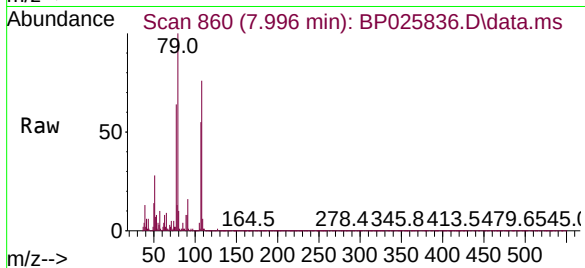
Tgt Ion: 79 Resp: 720051

Ion Ratio Lower Upper

79 100

108 76.3 58.7 88.1

77 64.5 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.958 ng

RT: 8.266 min Scan# 906

Delta R.T. -0.012 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

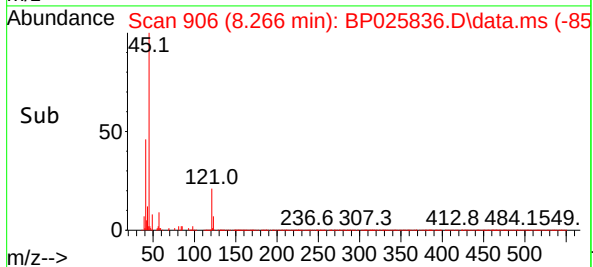
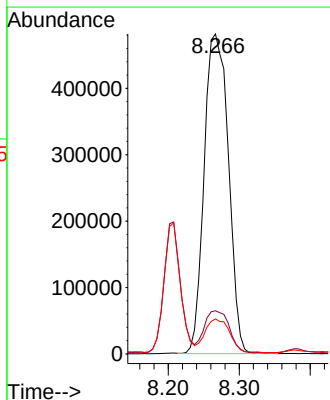
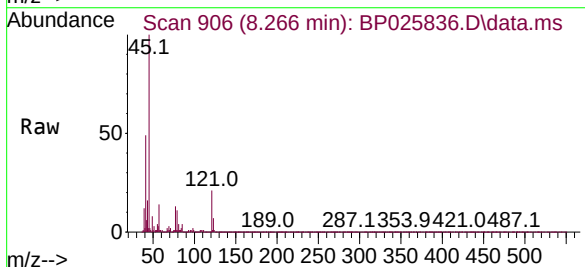
Tgt Ion: 45 Resp: 1139680

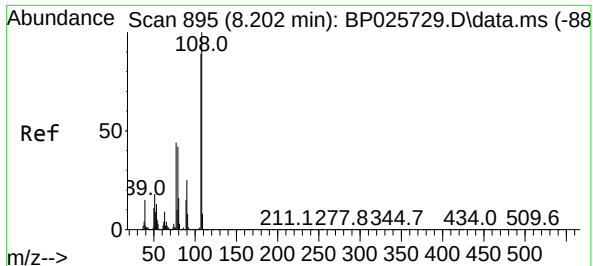
Ion Ratio Lower Upper

45 100

77 13.5 0.0 33.1

79 10.9 0.0 30.0

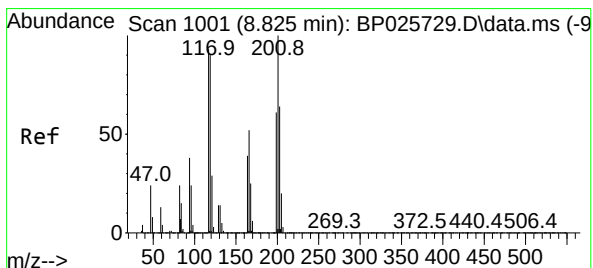
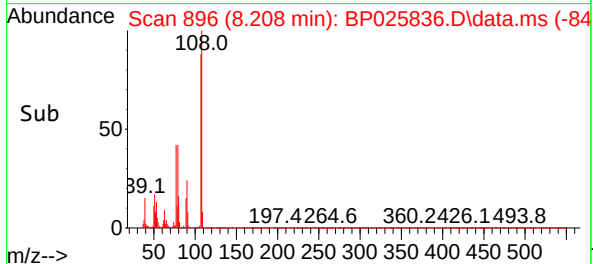
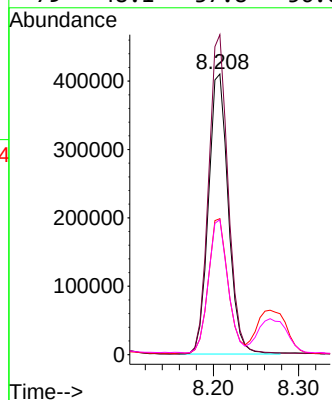
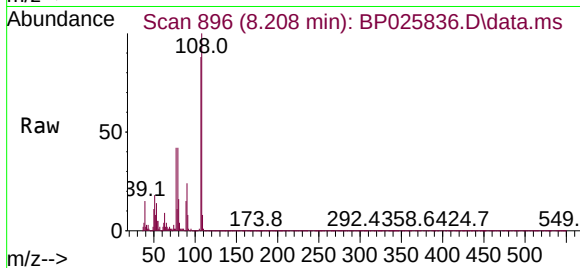




#17
2-Methylphenol
Concen: 51.898 ng
RT: 8.208 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

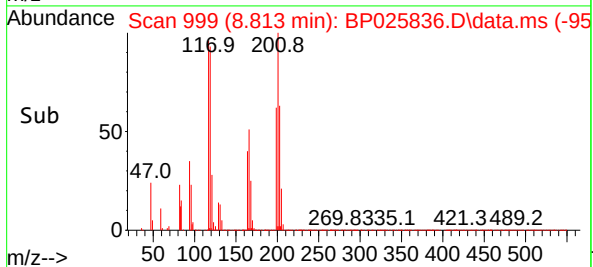
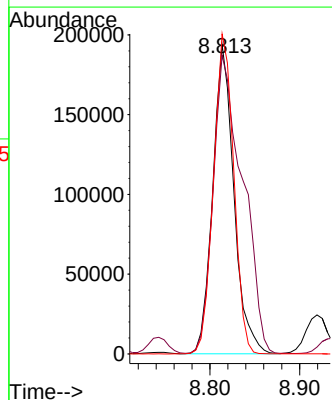
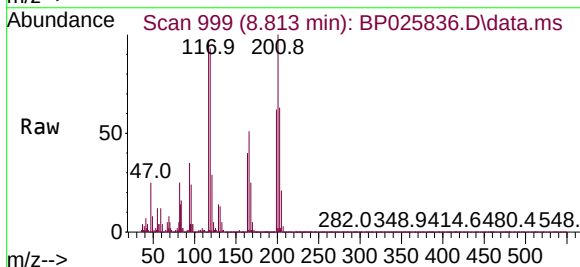
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

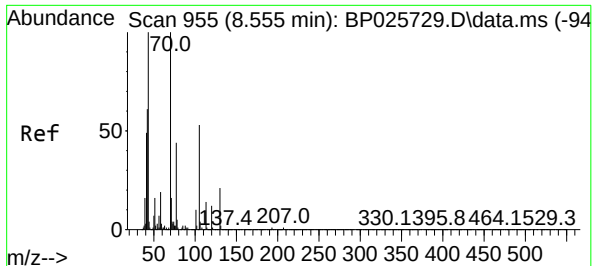
Tgt Ion:107 Resp: 660395
Ion Ratio Lower Upper
107 100
108 114.0 89.6 134.4
77 48.4 39.3 58.9
79 48.1 37.8 56.6



#18
Hexachloroethane
Concen: 48.557 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion:117 Resp: 317661
Ion Ratio Lower Upper
117 100
119 96.5 77.1 115.7
201 103.5 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 47.485 ng

RT: 8.549 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP025836.D

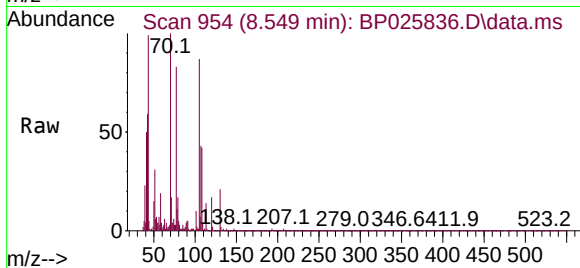
Acq: 23 Sep 2025 19:22

Instrument :

BNA_P

ClientSampleId :

OR-500-COMP-40MSD



Tgt Ion: 70 Resp: 592827

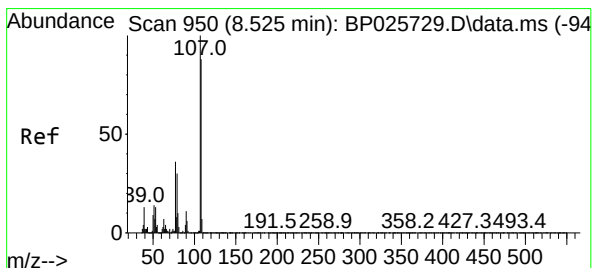
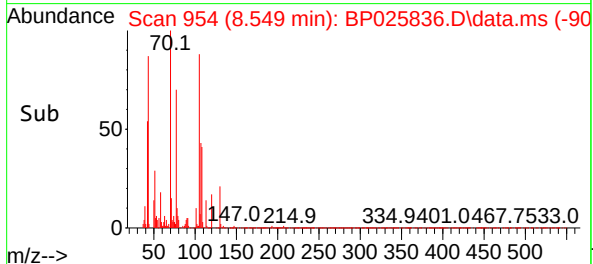
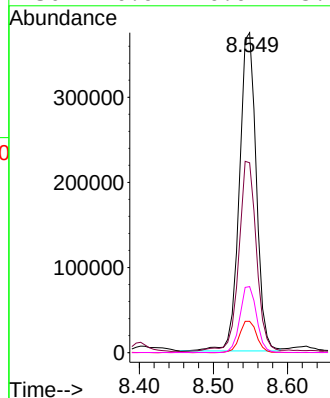
Ion Ratio Lower Upper

70 100

42 59.3 49.0 73.4

101 9.8 7.9 11.9

130 20.6 16.6 25.0



#20

3+4-Methylphenols

Concen: 50.359 ng

RT: 8.531 min Scan# 951

Delta R.T. 0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

Tgt Ion: 107 Resp: 897449

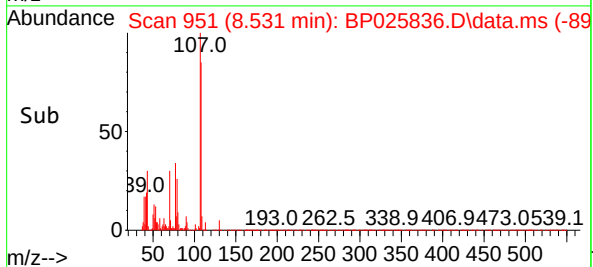
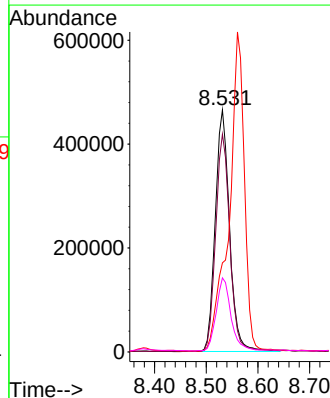
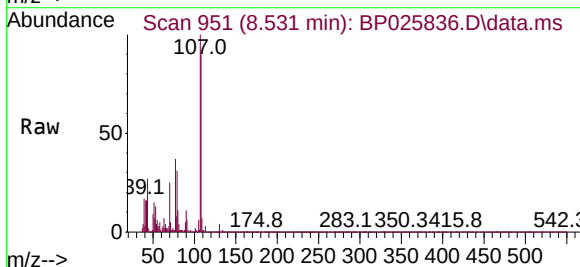
Ion Ratio Lower Upper

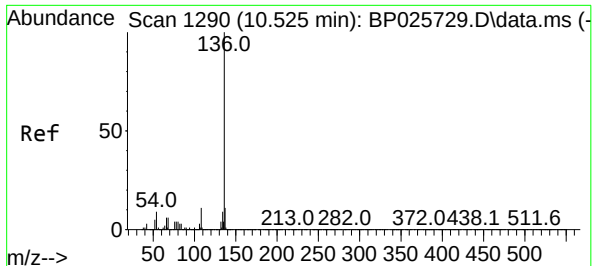
107 100

108 89.9 67.8 107.8

77 36.8 16.1 56.1

79 30.6 10.5 50.5

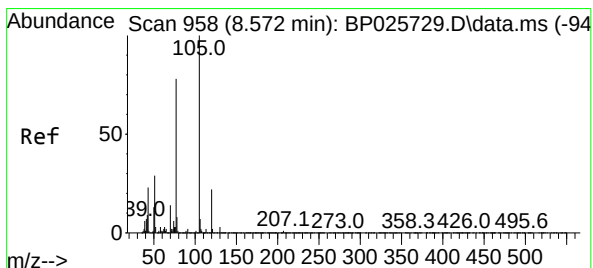
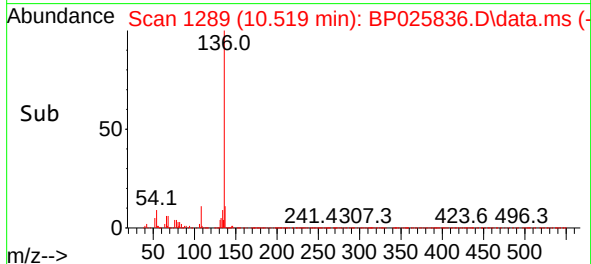
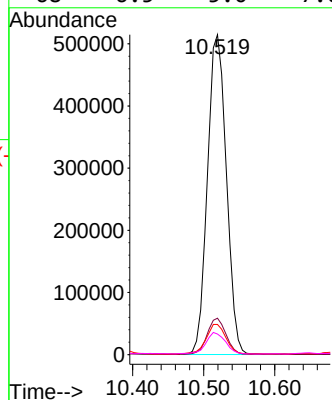
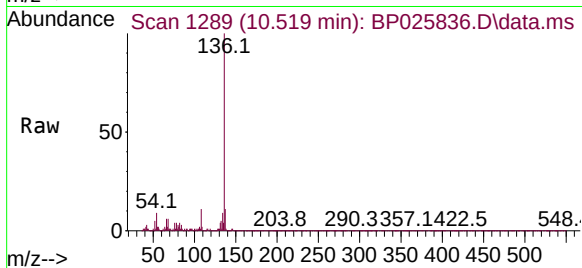




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

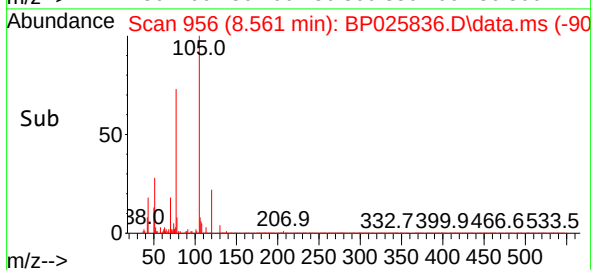
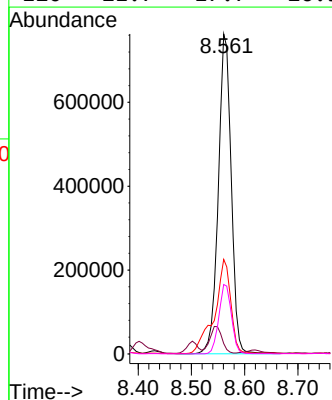
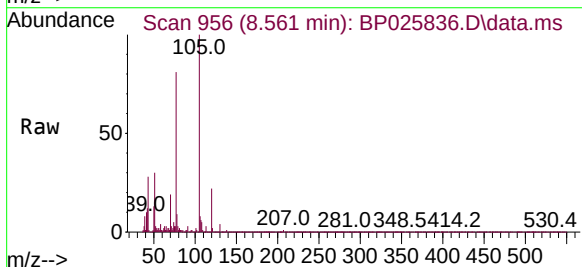
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

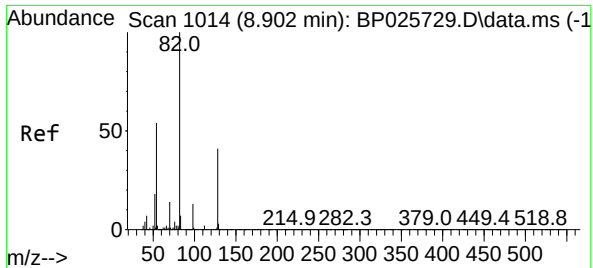
Tgt Ion:	136	Resp:	953089
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.7	13.1
54	9.4	7.5	11.3
68	6.5	5.0	7.6



#22
Acetophenone
Concen: 50.454 ng
RT: 8.561 min Scan# 956
Delta R.T. -0.012 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion:	105	Resp:	1285073
Ion Ratio	Lower	Upper	
105	100		
71	3.2	1.8	2.8
51	29.5	23.5	35.3
120	21.7	17.7	26.5





#23

Nitrobenzene-d5

Concen: 59.742 ng

RT: 8.896 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

Instrument :

BNA_P

ClientSampleId :

OR-500-COMP-40MSD

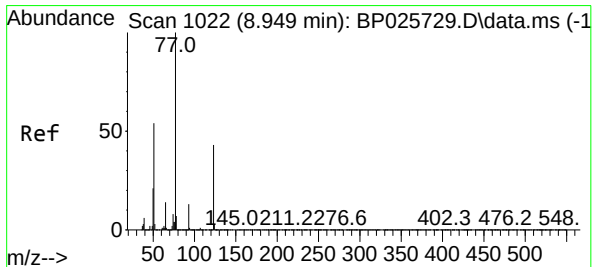
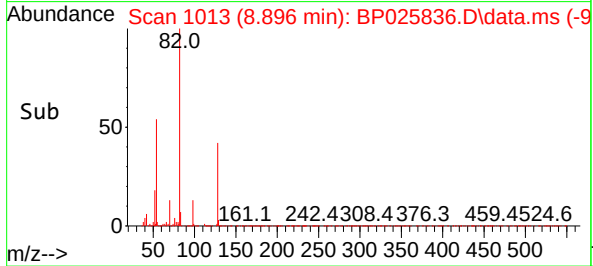
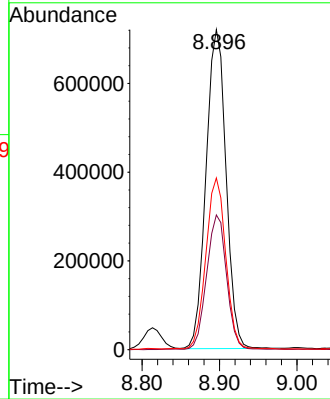
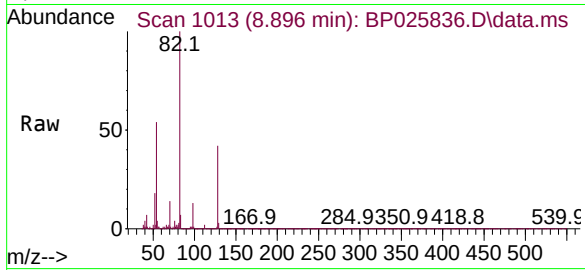
Tgt Ion: 82 Resp: 1290830

Ion Ratio Lower Upper

82 100

128 42.1 32.9 49.3

54 53.6 43.4 65.2



#24

Nitrobenzene

Concen: 45.227 ng

RT: 8.943 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

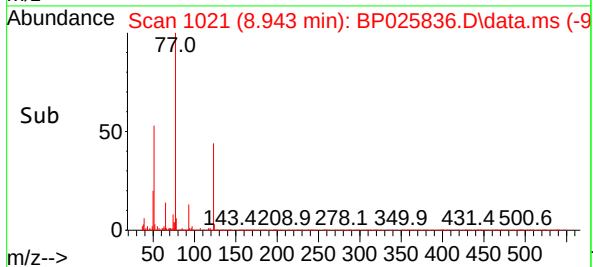
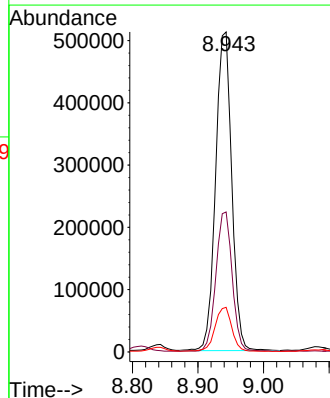
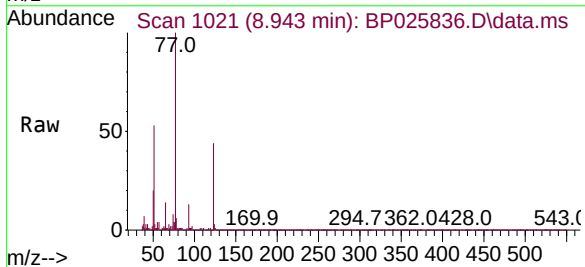
Tgt Ion: 77 Resp: 876654

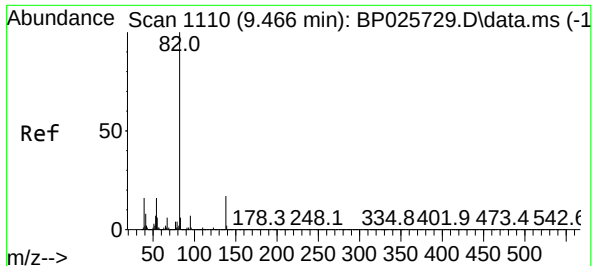
Ion Ratio Lower Upper

77 100

123 43.7 34.4 51.6

65 13.9 10.8 16.2

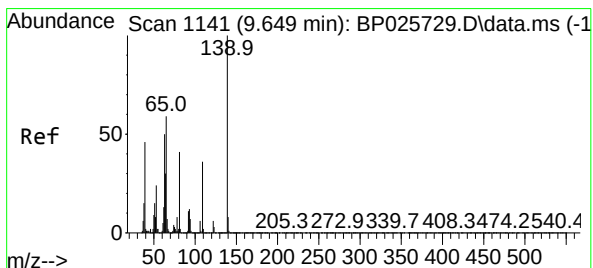
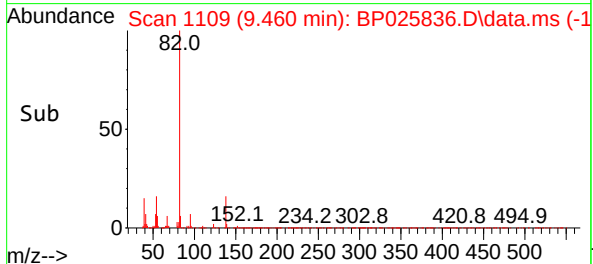
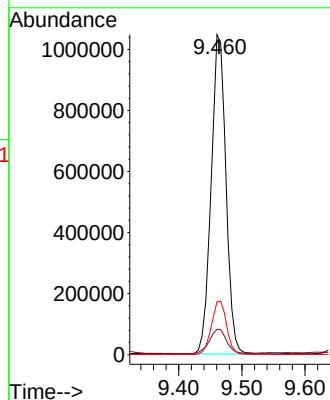
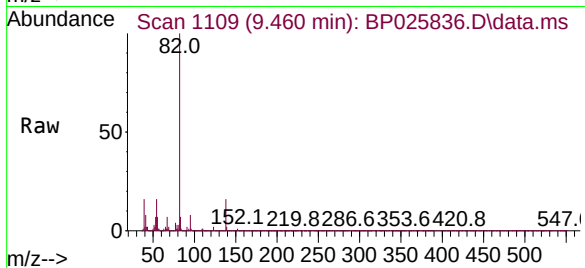




#25
Isophorone
Concen: 45.010 ng
RT: 9.460 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

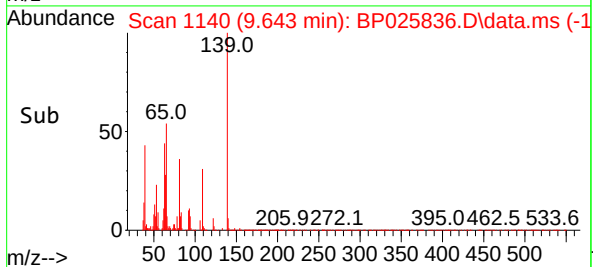
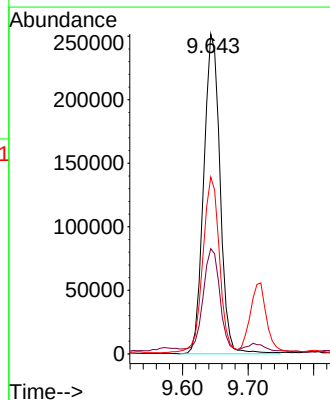
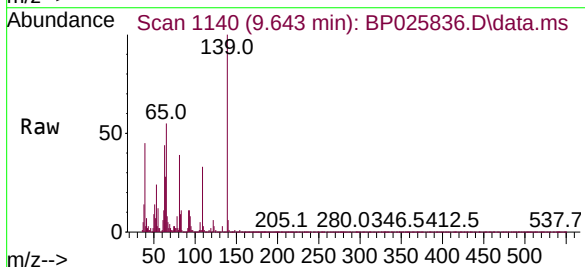
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

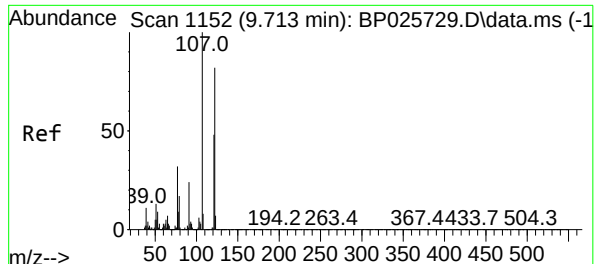
Tgt Ion: 82 Resp: 1709367
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.8
138 16.5 13.5 20.3



#26
2-Nitrophenol
Concen: 50.467 ng
RT: 9.643 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion: 139 Resp: 434310
Ion Ratio Lower Upper
139 100
109 32.9 29.0 43.4
65 55.3 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 49.497 ng

RT: 9.719 min Scan# 1152

Delta R.T. 0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

Instrument :

BNA_P

ClientSampleId :

OR-500-COMP-40MSD

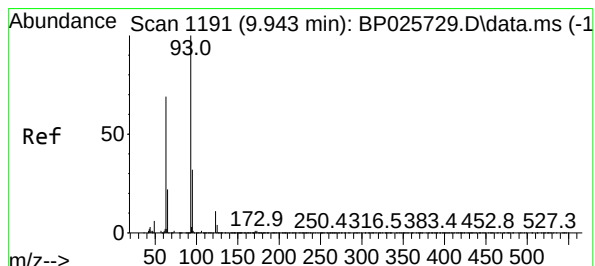
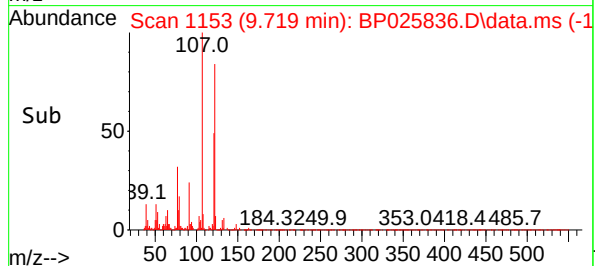
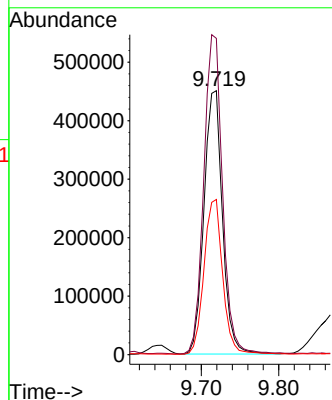
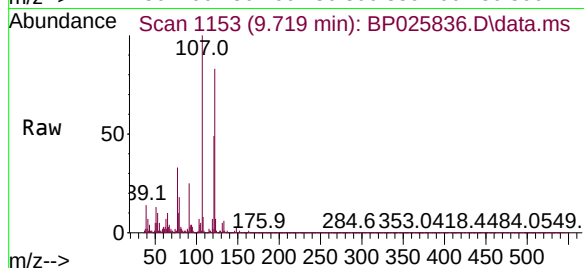
Tgt Ion:122 Resp: 747285

Ion Ratio Lower Upper

122 100

107 119.8 97.9 146.9

121 58.8 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 46.591 ng

RT: 9.931 min Scan# 1189

Delta R.T. -0.012 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

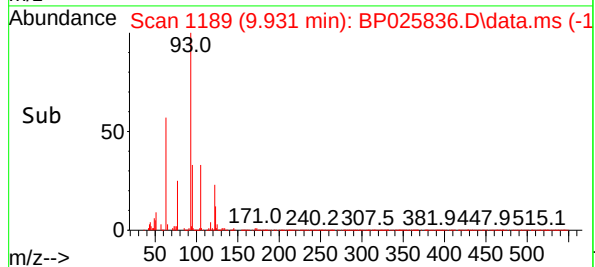
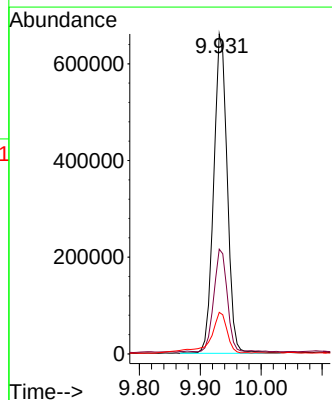
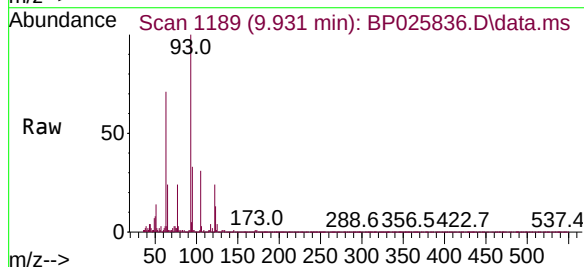
Tgt Ion: 93 Resp: 1022801

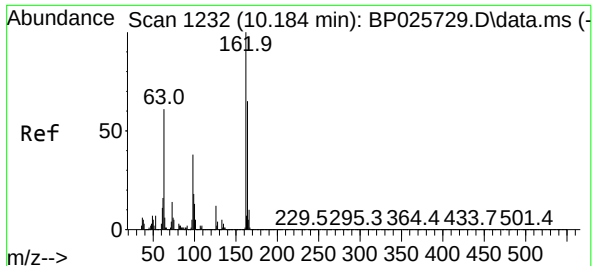
Ion Ratio Lower Upper

93 100

95 32.7 25.6 38.4

123 13.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 52.072 ng

RT: 10.196 min Scan# 1232

Delta R.T. 0.012 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

Instrument :

BNA_P

ClientSampleId :

OR-500-COMP-40MSD

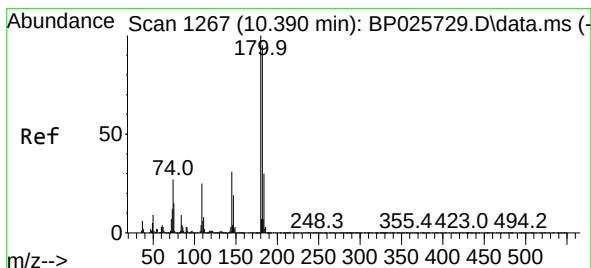
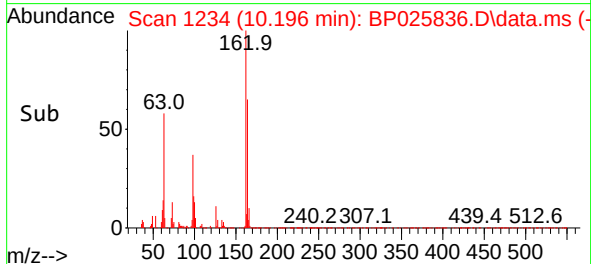
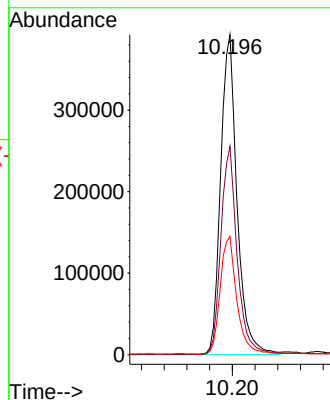
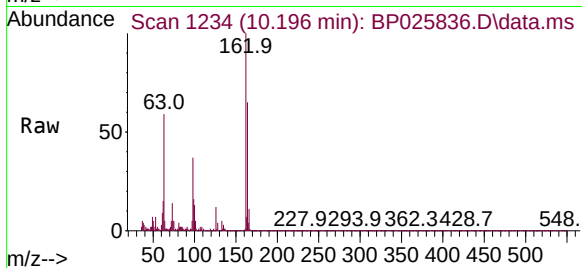
Tgt Ion:162 Resp: 783843

Ion Ratio Lower Upper

162 100

164 65.1 44.7 84.7

98 36.9 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 45.607 ng

RT: 10.384 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

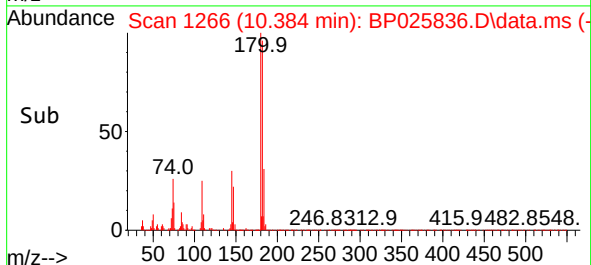
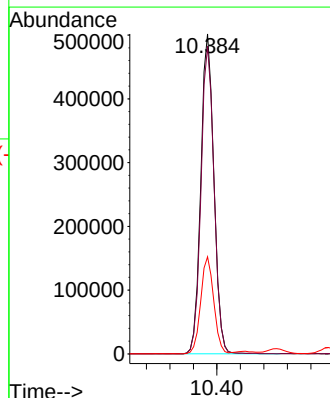
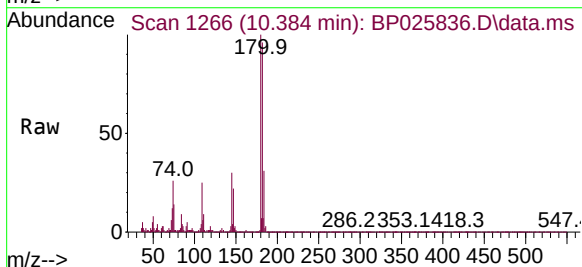
Tgt Ion:180 Resp: 773723

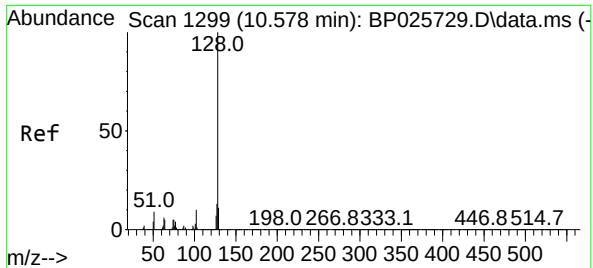
Ion Ratio Lower Upper

180 100

182 96.1 76.0 114.0

145 30.3 24.7 37.1

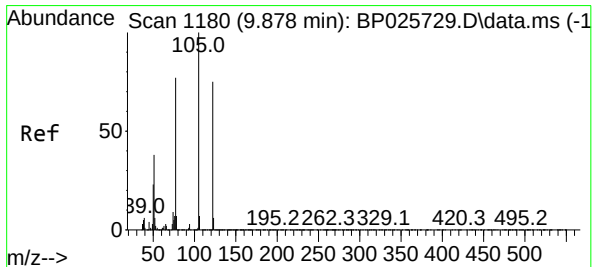
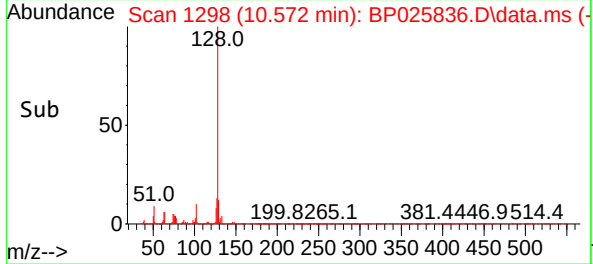
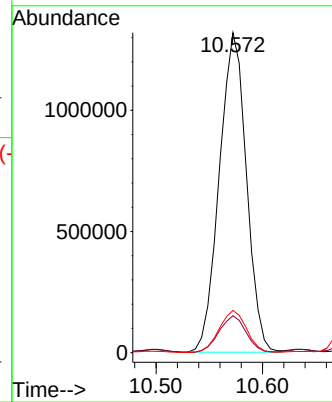
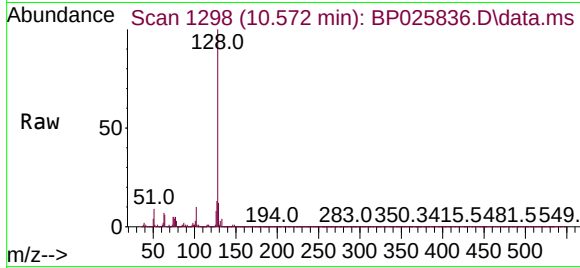




#31
Naphthalene
Concen: 45.452 ng
RT: 10.572 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

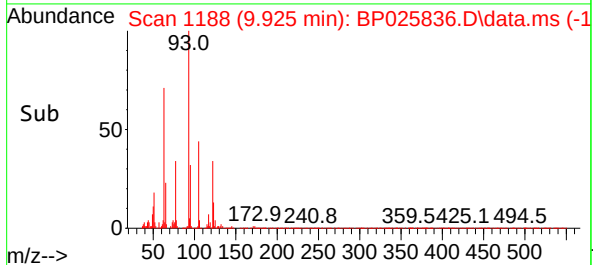
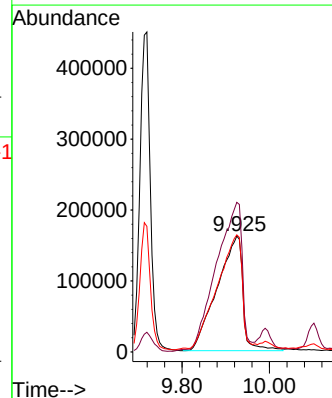
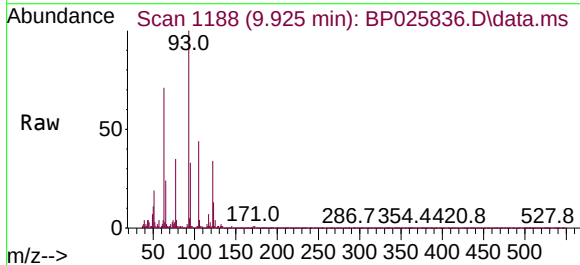
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

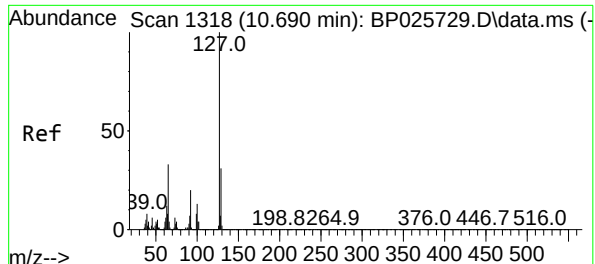
Tgt Ion:128 Resp: 2335848
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 13.2 10.2 15.4



#32
Benzoic acid
Concen: 59.033 ng
RT: 9.925 min Scan# 1188
Delta R.T. 0.047 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion:122 Resp: 662628
Ion Ratio Lower Upper
122 100
105 129.2 111.5 151.5
77 101.1 81.8 121.8

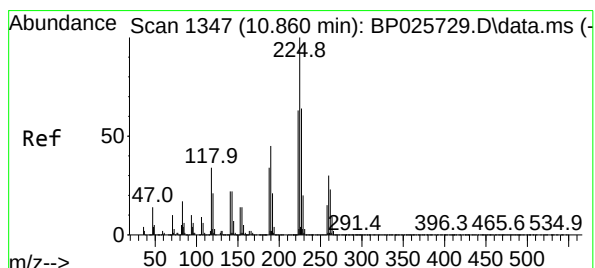
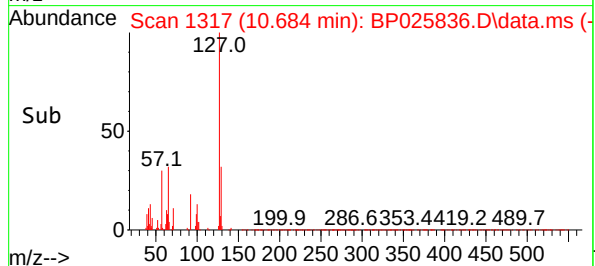
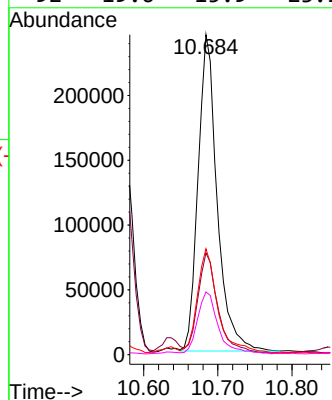
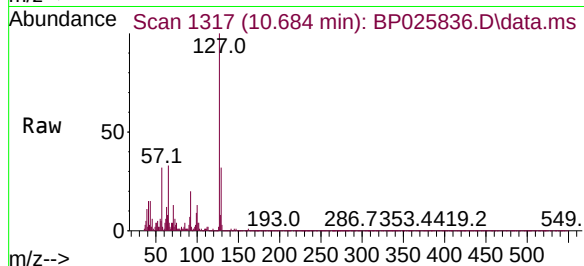




#33
4-Chloroaniline
Concen: 20.438 ng
RT: 10.684 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

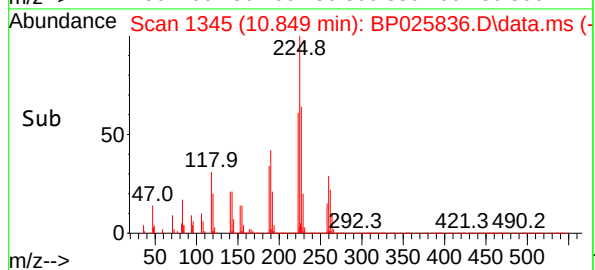
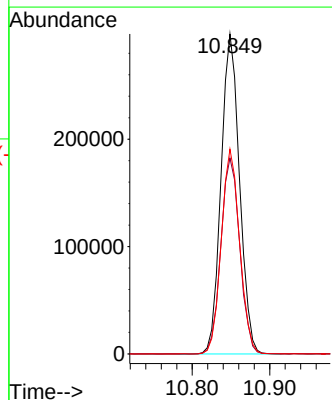
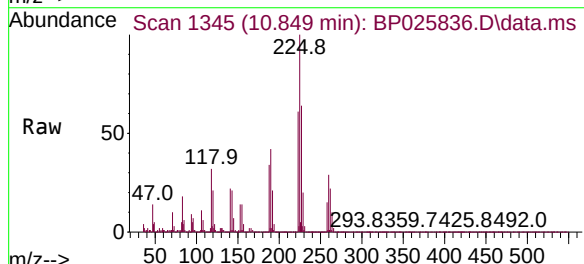
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

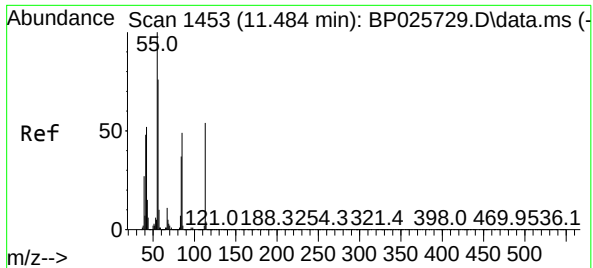
Tgt Ion:	127	Resp:	437777
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.1	37.7
65	33.1	26.4	39.6
92	19.6	15.9	23.9



#34
Hexachlorobutadiene
Concen: 45.184 ng
RT: 10.849 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion:	225	Resp:	493457
Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.1	75.1
227	64.0	51.2	76.8

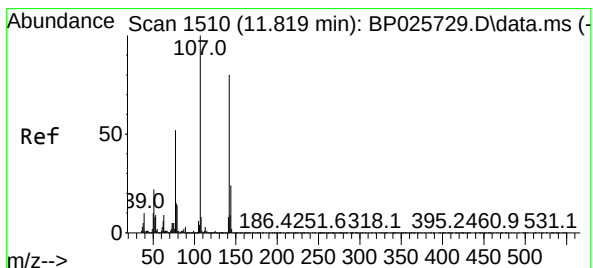
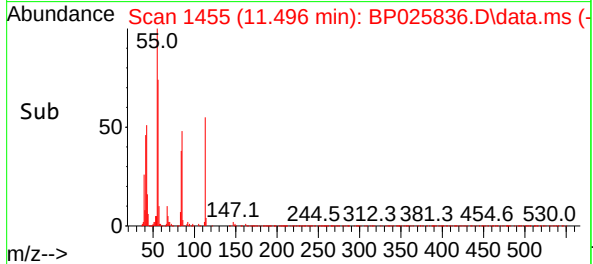
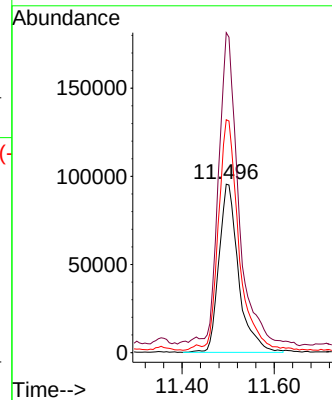
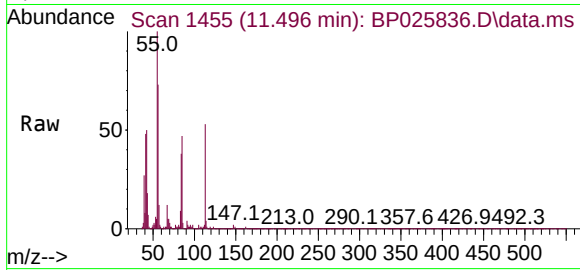




#35
Caprolactam
Concen: 48.790 ng
RT: 11.496 min Scan# 1455
Delta R.T. 0.012 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

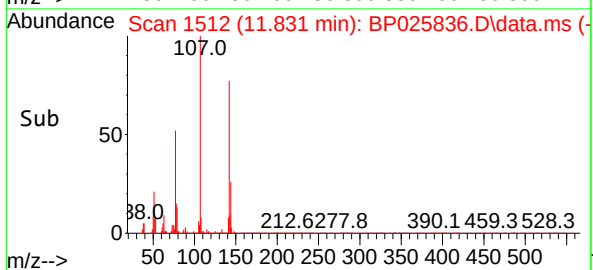
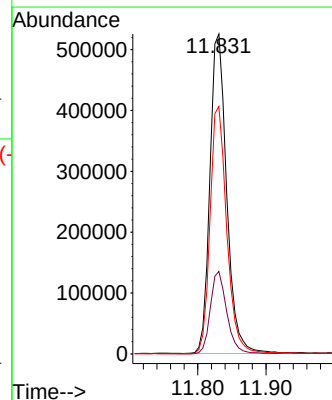
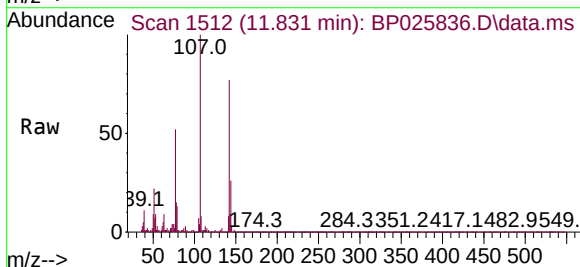
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

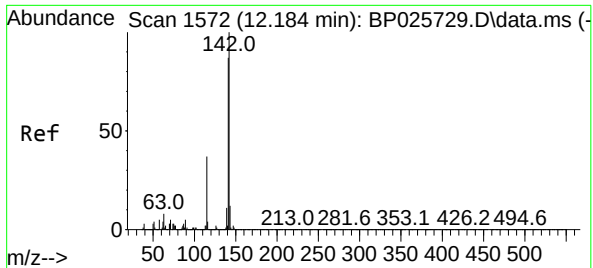
Tgt Ion	Ratio	Lower	Upper
113	100		
55	190.0	165.5	205.5
56	138.3	121.1	161.1



#36
4-Chloro-3-methylphenol
Concen: 50.039 ng
RT: 11.831 min Scan# 1512
Delta R.T. 0.012 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	19.4	29.2
142	77.3	63.8	95.6

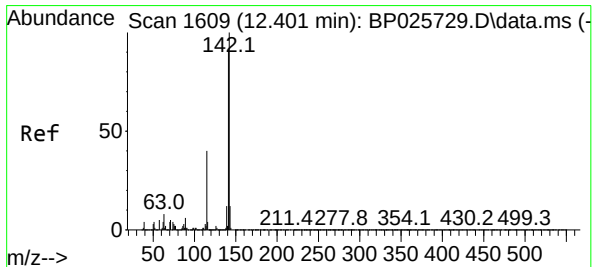
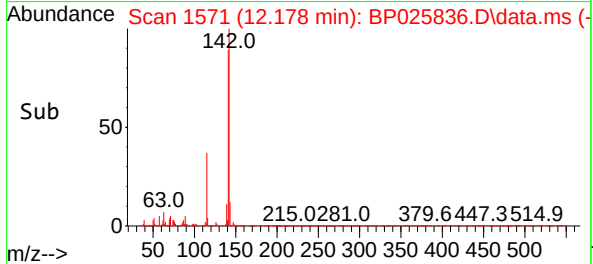
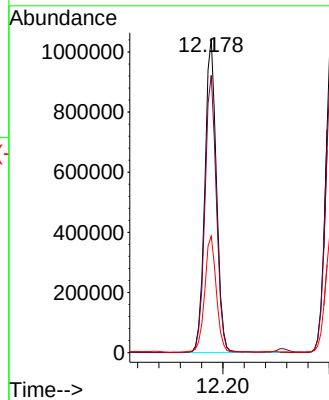
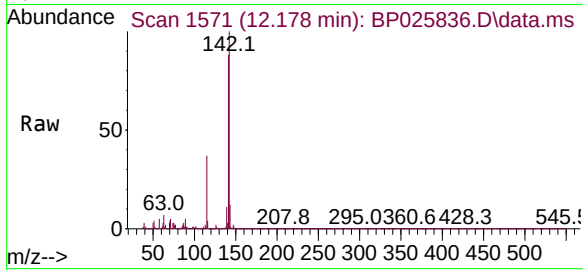




#37
2-Methylnaphthalene
Concen: 47.669 ng
RT: 12.178 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

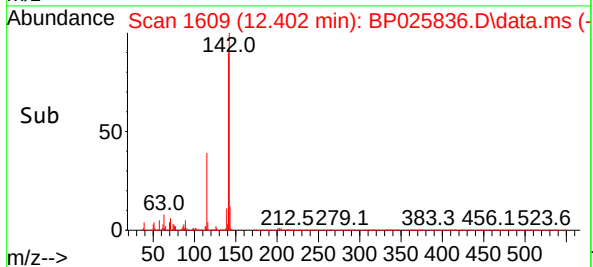
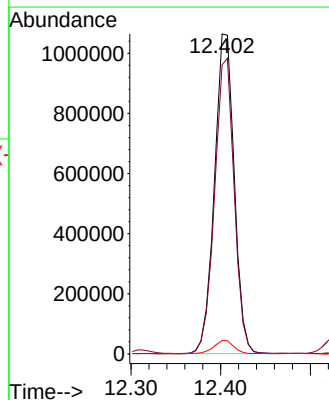
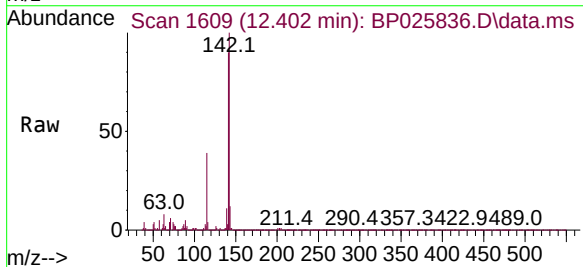
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

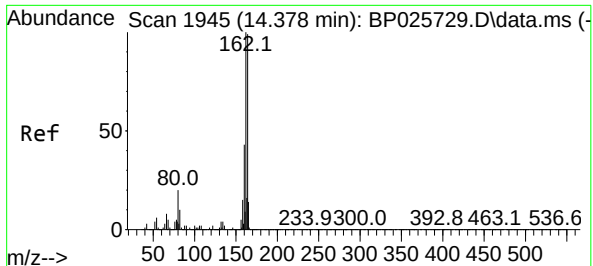
Tgt Ion:142 Resp: 1573442
Ion Ratio Lower Upper
142 100
141 88.3 69.6 104.4
115 37.1 30.0 45.0



#38
1-Methylnaphthalene
Concen: 46.662 ng
RT: 12.402 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion:142 Resp: 1642442
Ion Ratio Lower Upper
142 100
141 90.3 72.7 109.1
116 4.2 3.5 5.3

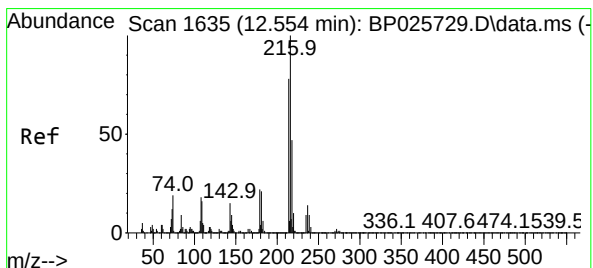
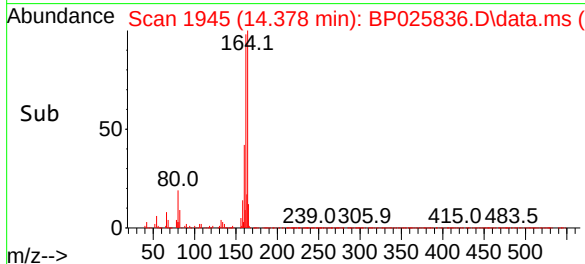
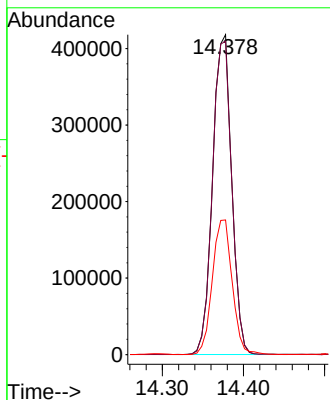
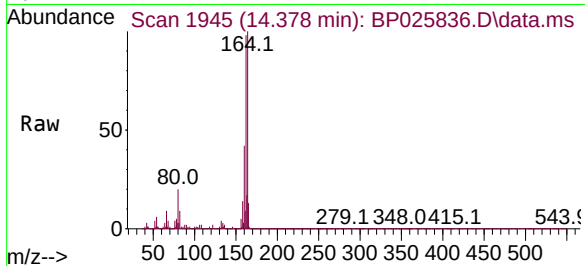




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.378 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

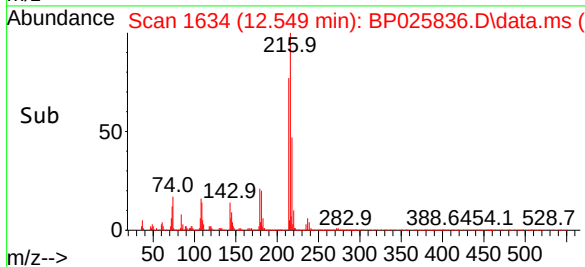
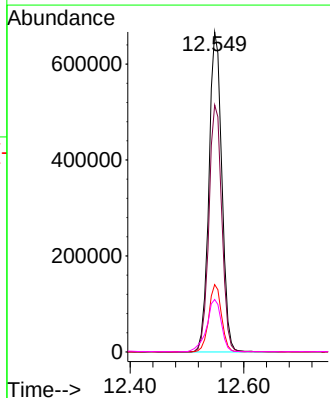
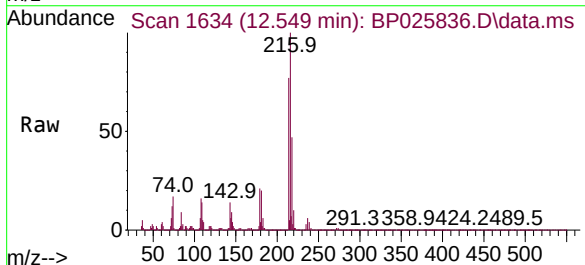
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

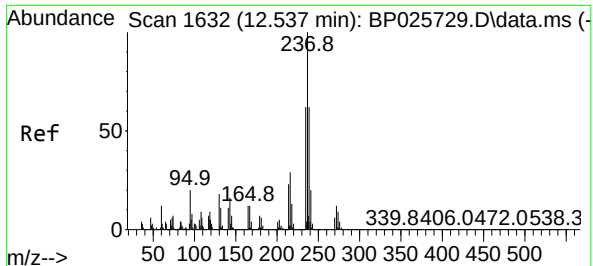
Tgt Ion:164 Resp: 680180
Ion Ratio Lower Upper
164 100
162 97.9 80.6 120.8
160 42.1 35.0 52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.925 ng
RT: 12.549 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion:216 Resp: 1049634
Ion Ratio Lower Upper
216 100
214 77.5 62.4 93.6
179 20.8 17.0 25.6
108 18.6 15.2 22.8

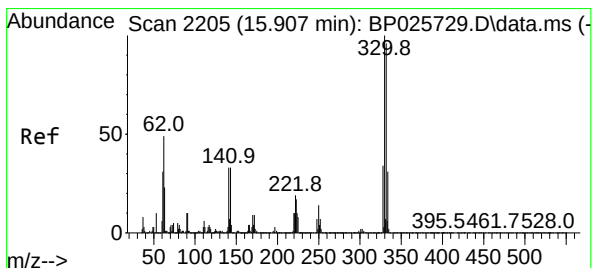
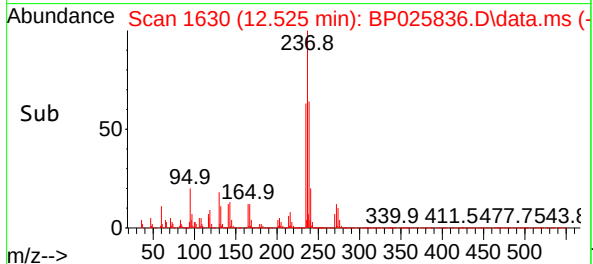
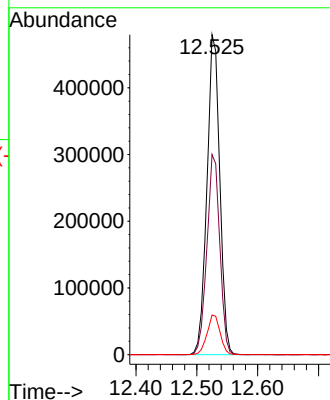
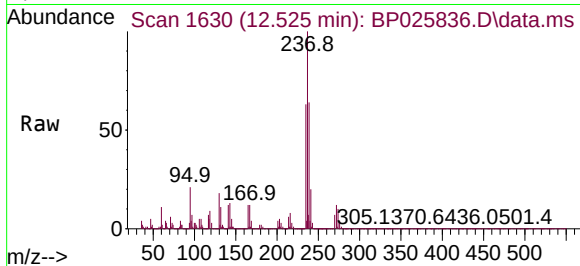




#41
Hexachlorocyclopentadiene
Concen: 62.390 ng
RT: 12.525 min Scan# 1630
Delta R.T. -0.012 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

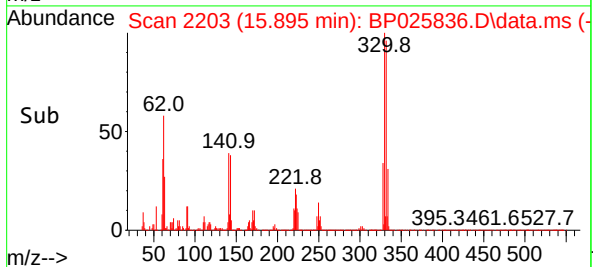
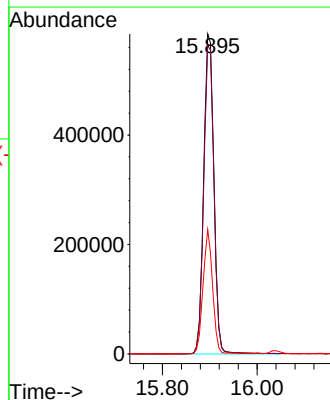
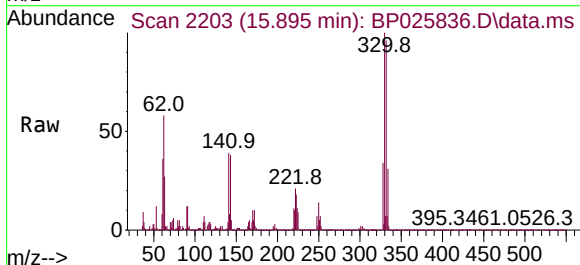
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

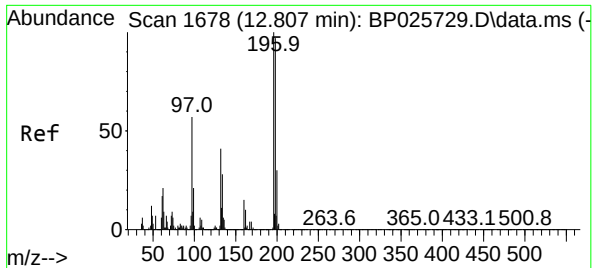
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.5	41.9	81.9
272	12.4	0.0	31.8



#42
2,4,6-Tribromophenol
Concen: 102.940 ng
RT: 15.895 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	36.3	31.0	46.4

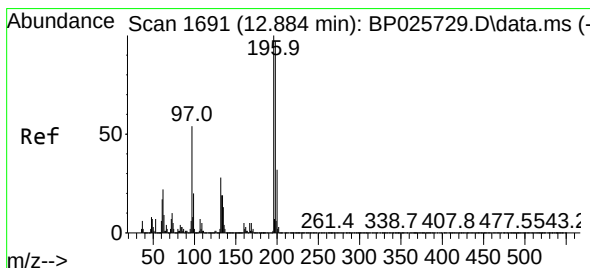
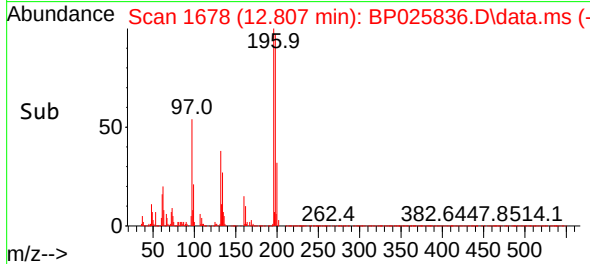
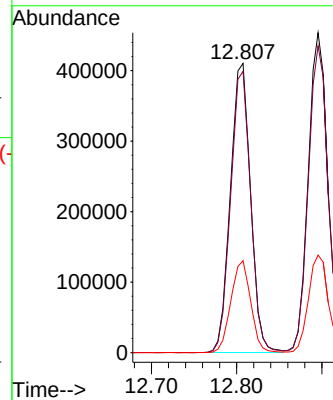
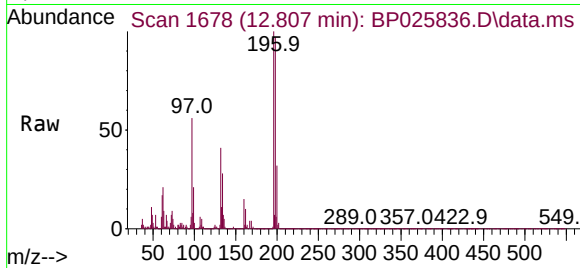




#43
2,4,6-Trichlorophenol
Concen: 49.863 ng
RT: 12.807 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

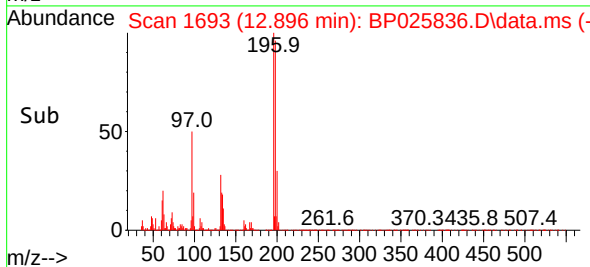
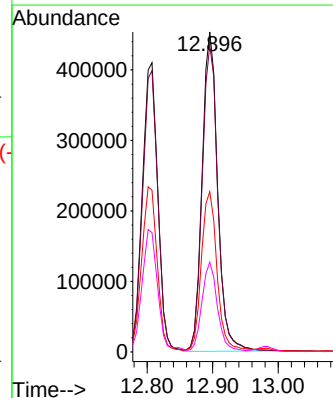
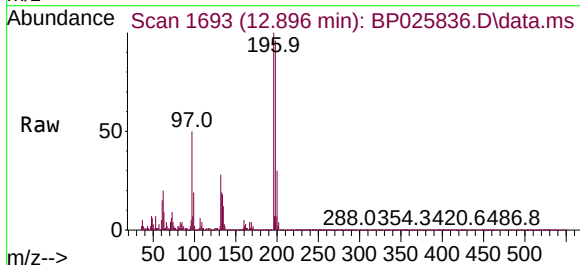
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

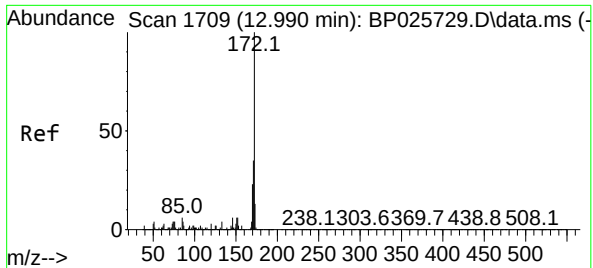
Tgt Ion:196 Resp: 675638
Ion Ratio Lower Upper
196 100
198 97.2 77.2 115.8
200 31.8 24.2 36.2



#44
2,4,5-Trichlorophenol
Concen: 49.399 ng
RT: 12.896 min Scan# 1693
Delta R.T. 0.012 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion:196 Resp: 744929
Ion Ratio Lower Upper
196 100
198 95.9 77.8 116.8
97 50.1 43.3 64.9
132 28.0 22.3 33.5





#45

2-Fluorobiphenyl

Concen: 49.735 ng

RT: 12.978 min Scan# 1707

Delta R.T. -0.012 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

Instrument :

BNA_P

ClientSampleId :

OR-500-COMP-40MSD

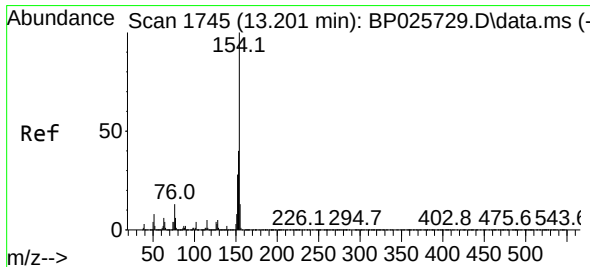
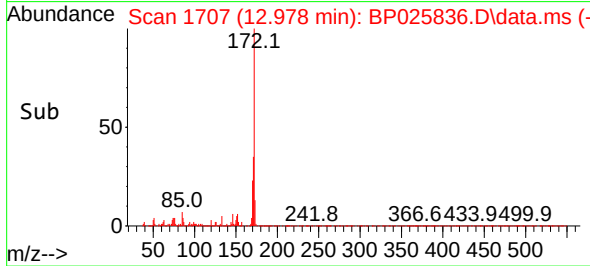
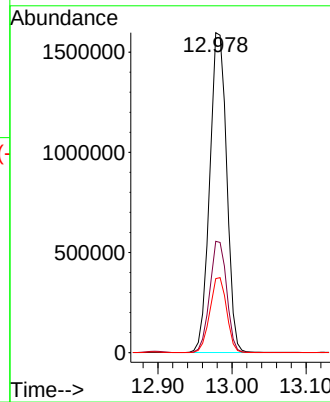
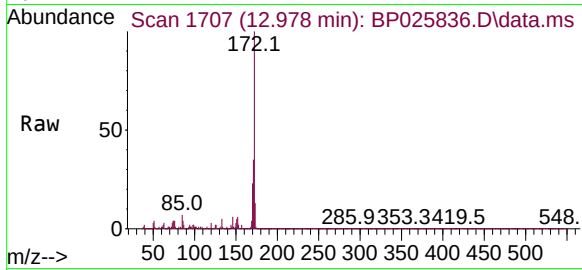
Tgt Ion:172 Resp: 2540663

Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.6

170 23.1 18.6 27.8



#46

1,1'-Biphenyl

Concen: 50.127 ng

RT: 13.196 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

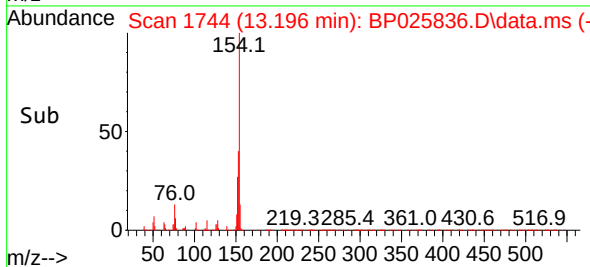
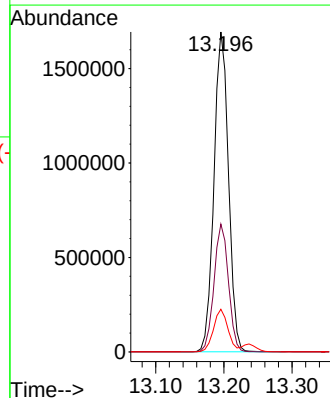
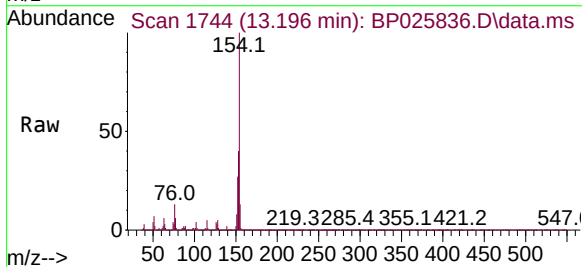
Tgt Ion:154 Resp: 2502608

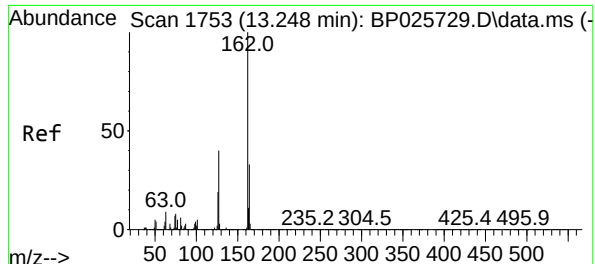
Ion Ratio Lower Upper

154 100

153 39.9 19.7 59.7

76 13.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 46.572 ng

RT: 13.237 min Scan# 1751

Delta R.T. -0.012 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

Instrument :

BNA_P

ClientSampleId :

OR-500-COMP-40MSD

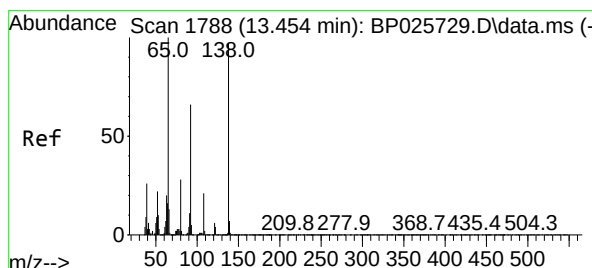
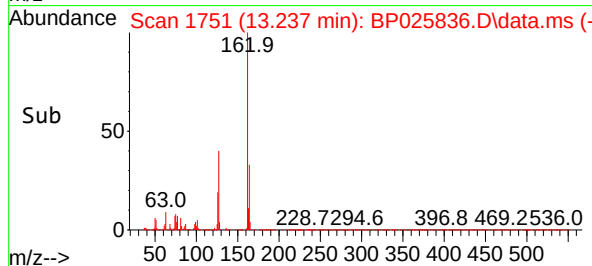
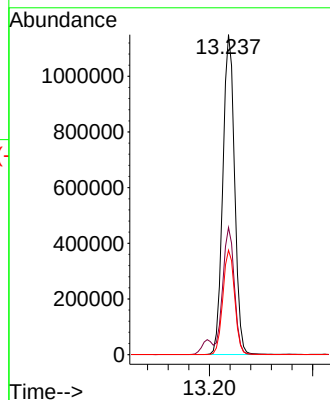
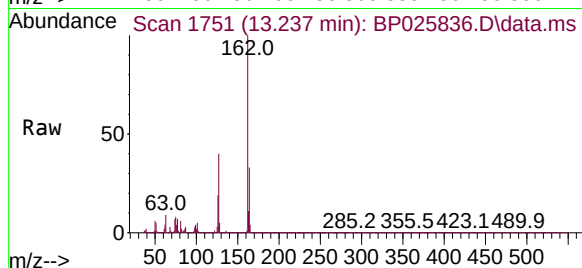
Tgt Ion:162 Resp: 1830796

Ion Ratio Lower Upper

162 100

127 39.7 32.2 48.4

164 32.6 26.5 39.7



#48

2-Nitroaniline

Concen: 48.344 ng

RT: 13.460 min Scan# 1789

Delta R.T. 0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

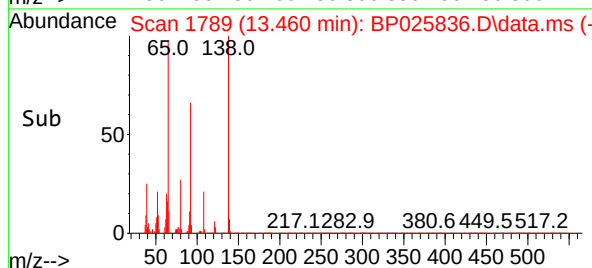
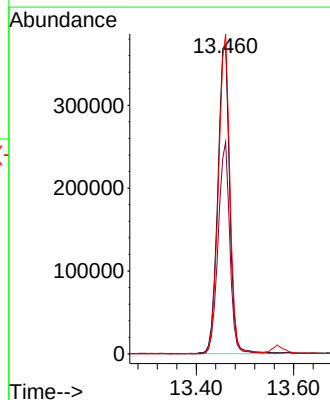
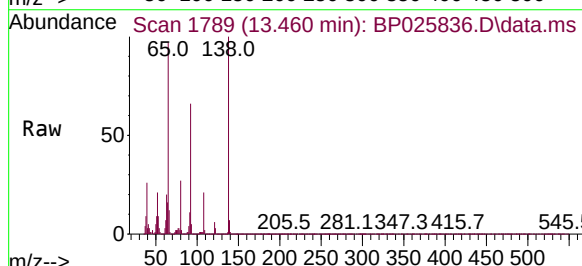
Tgt Ion: 65 Resp: 633517

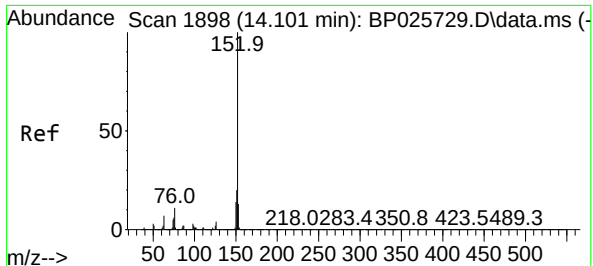
Ion Ratio Lower Upper

65 100

92 68.6 53.1 79.7

138 103.6 77.8 116.8





#49

Acenaphthylene

Concen: 47.139 ng

RT: 14.101 min Scan# 1898

Delta R.T. 0.000 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

Instrument :

BNA_P

ClientSampleId :

OR-500-COMP-40MSD

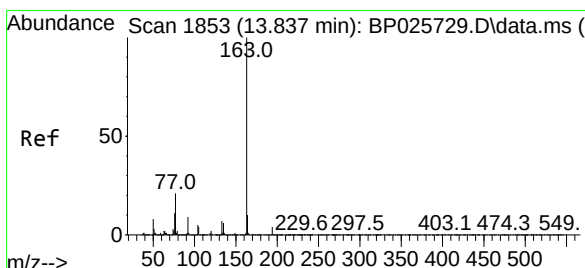
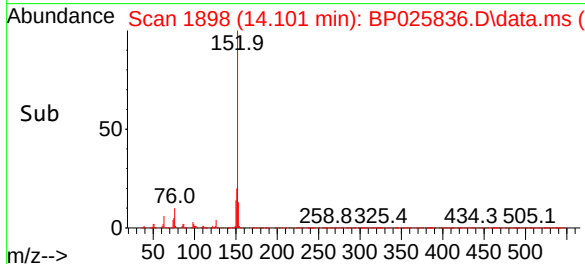
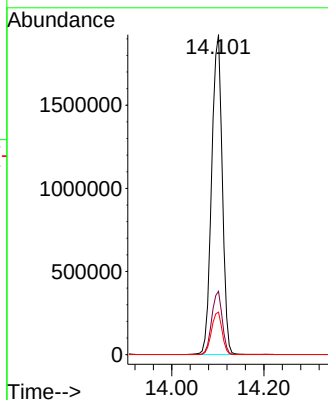
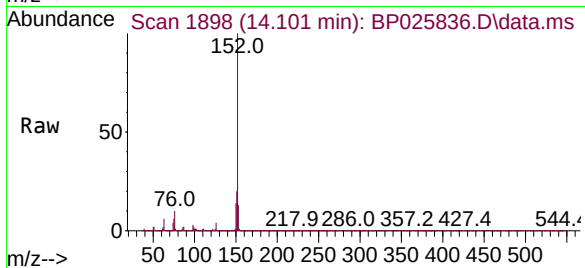
Tgt Ion:152 Resp: 3070378

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 45.329 ng

RT: 13.831 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

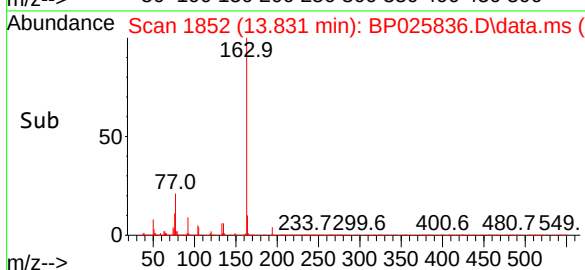
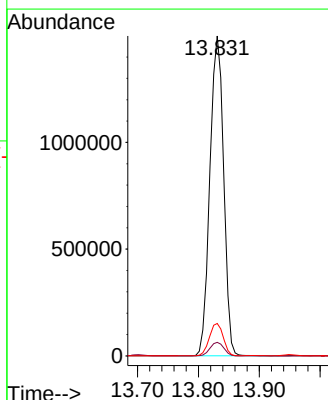
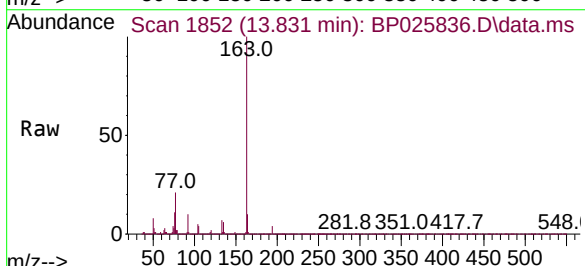
Tgt Ion:163 Resp: 2353902

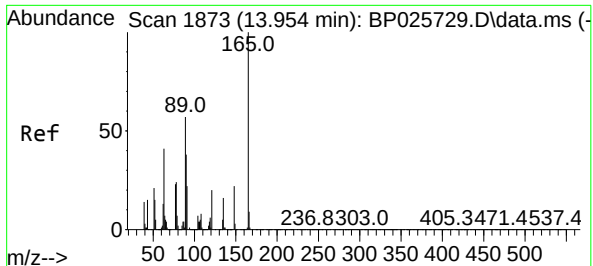
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.1 8.2 12.2

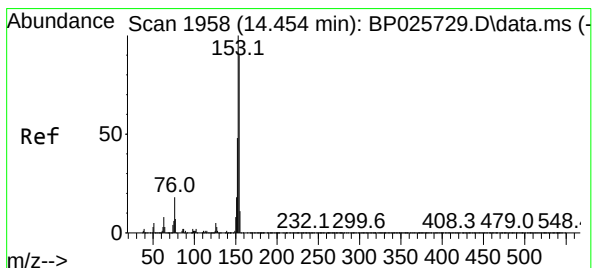
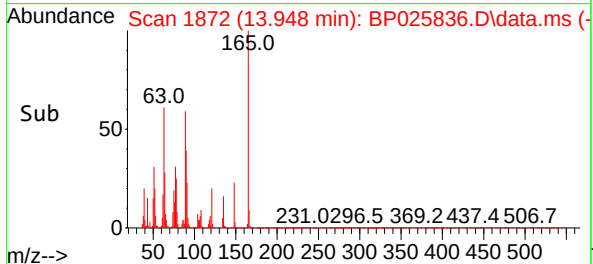
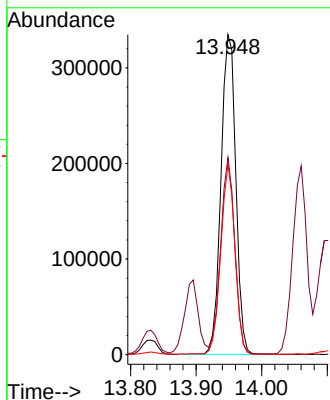
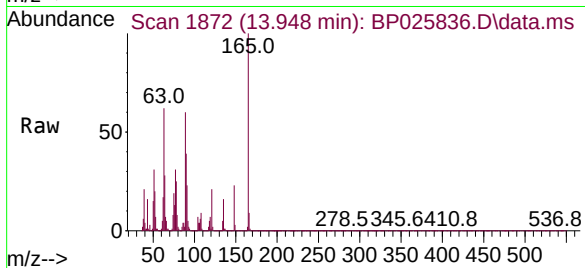




#51
2,6-Dinitrotoluene
Concen: 47.889 ng
RT: 13.948 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

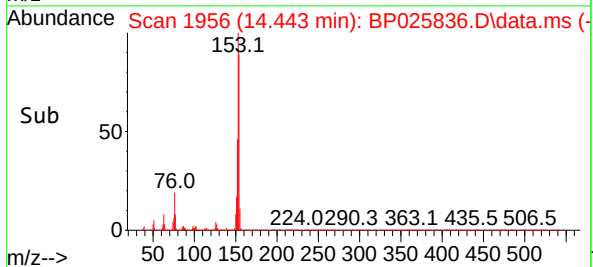
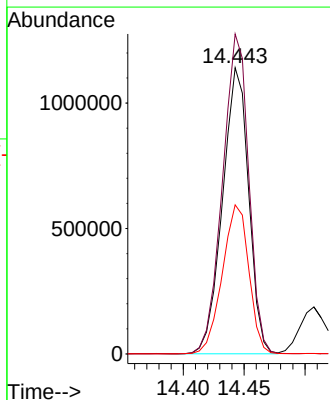
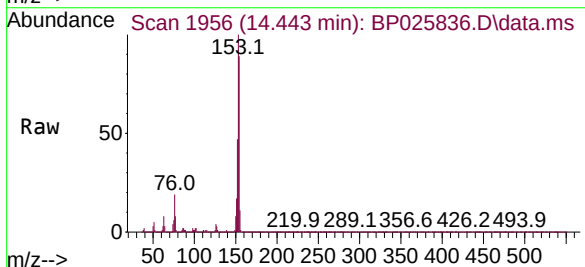
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

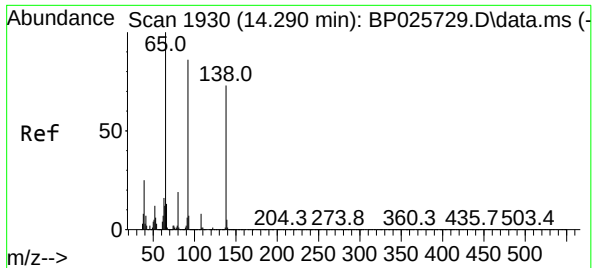
Tgt Ion:165 Resp: 526872
Ion Ratio Lower Upper
165 100
63 61.6 48.1 72.1
89 59.5 45.4 68.0



#52
Acenaphthene
Concen: 45.300 ng
RT: 14.443 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion:154 Resp: 1701595
Ion Ratio Lower Upper
154 100
153 111.8 89.4 134.0
152 52.1 42.5 63.7

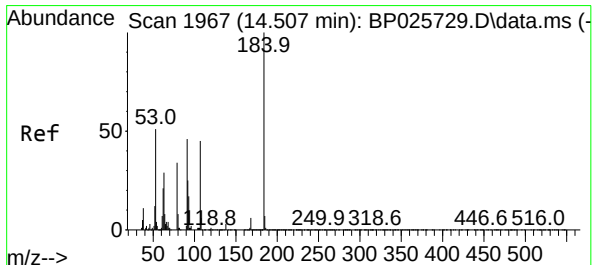
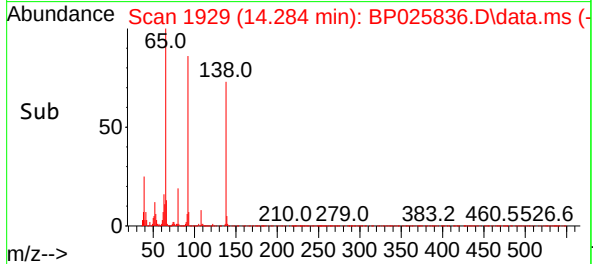
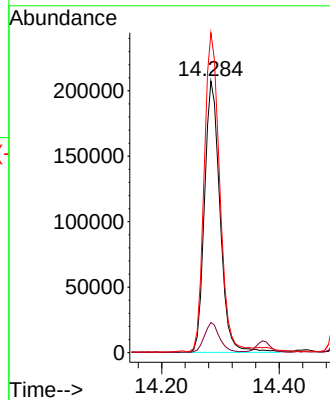
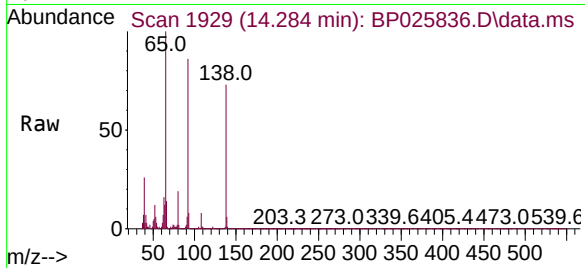




#53
3-Nitroaniline
Concen: 32.800 ng
RT: 14.284 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

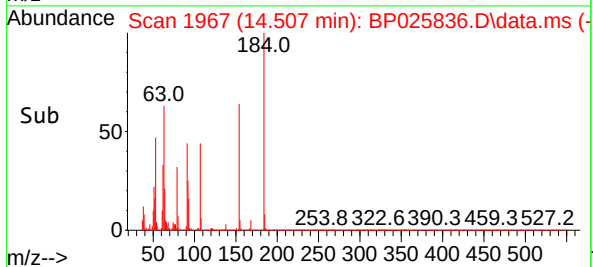
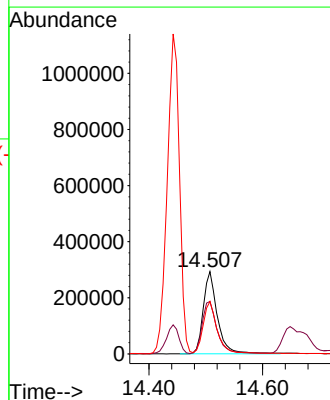
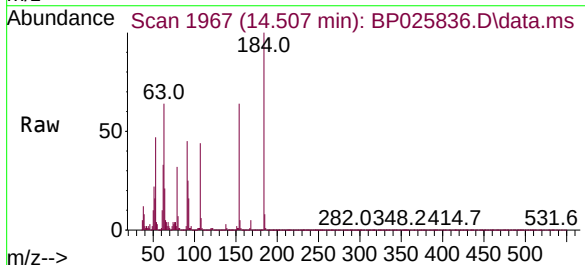
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

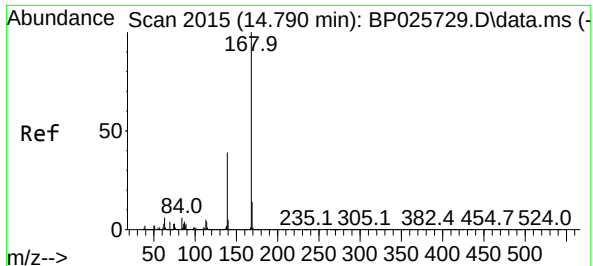
Tgt Ion:138 Resp: 379482
Ion Ratio Lower Upper
138 100
108 11.1 8.7 13.1
92 117.8 94.6 142.0



#54
2,4-Dinitrophenol
Concen: 71.269 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion:184 Resp: 505801
Ion Ratio Lower Upper
184 100
63 63.6 52.5 78.7
154 63.7 51.5 77.3

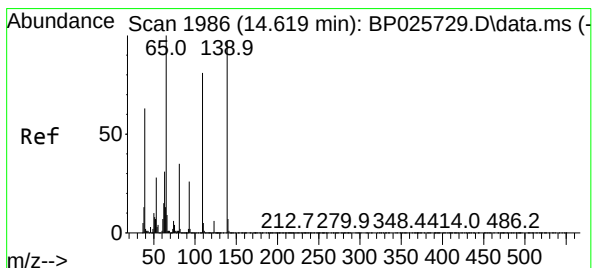
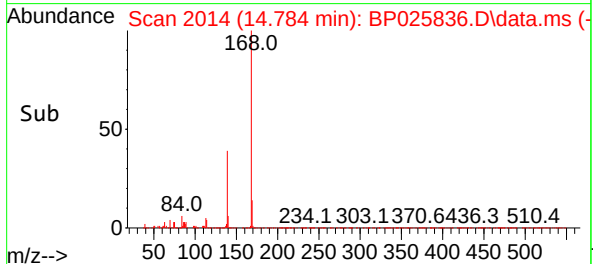
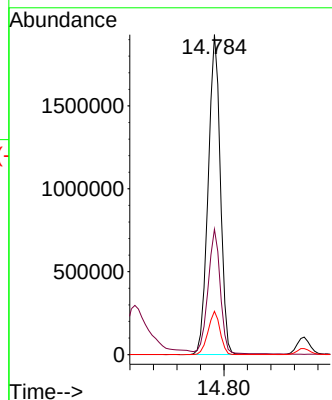
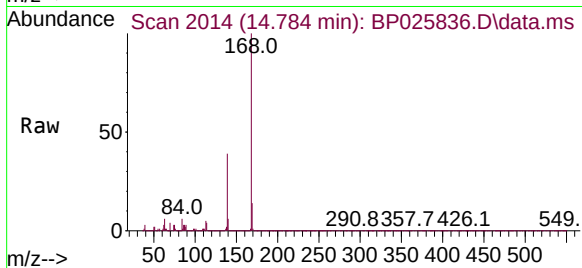




#55
Dibenzofuran
Concen: 45.164 ng
RT: 14.784 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

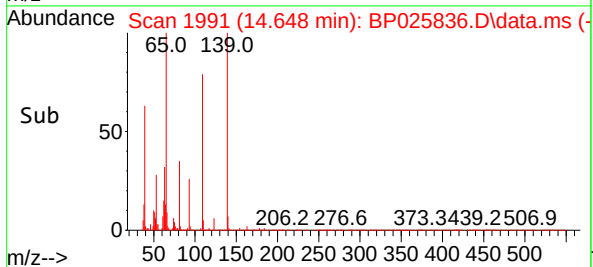
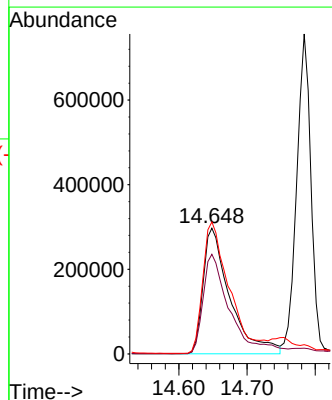
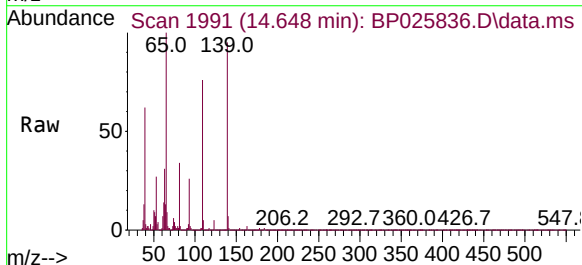
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

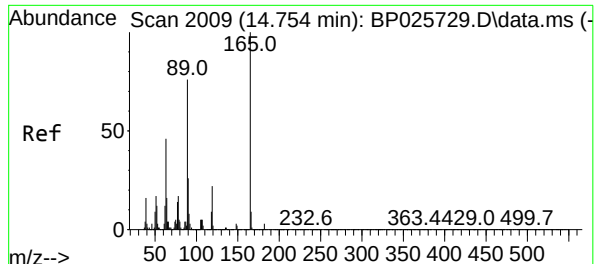
Tgt Ion:168 Resp: 2764922
Ion Ratio Lower Upper
168 100
139 39.2 31.7 47.5
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 81.313 ng
RT: 14.648 min Scan# 1991
Delta R.T. 0.029 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion:139 Resp: 810918
Ion Ratio Lower Upper
139 100
109 79.2 62.9 102.9
65 104.9 83.4 123.4

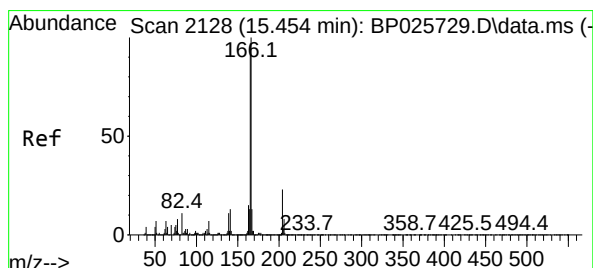
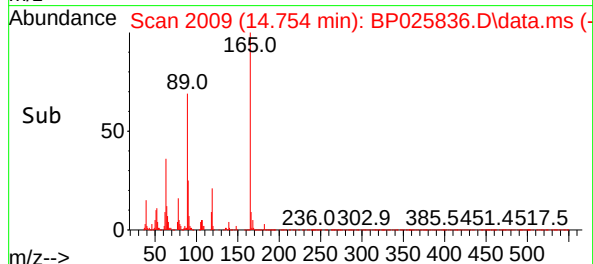
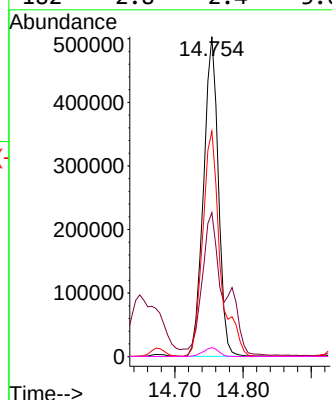
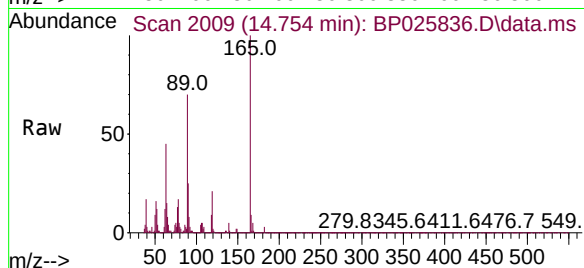




#57
2,4-Dinitrotoluene
Concen: 48.616 ng
RT: 14.754 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

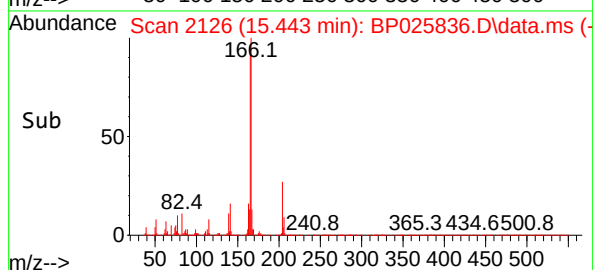
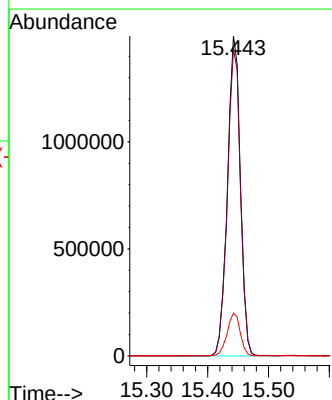
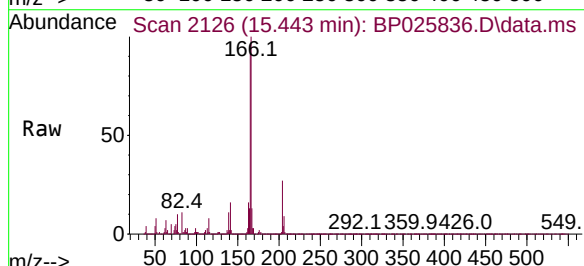
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

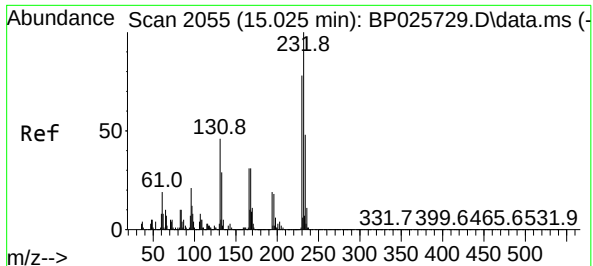
Tgt Ion:165 Resp: 761214
Ion Ratio Lower Upper
165 100
63 45.0 37.7 56.5
89 70.4 61.0 91.6
182 2.8 2.4 3.6



#58
Fluorene
Concen: 45.270 ng
RT: 15.443 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion:166 Resp: 2203790
Ion Ratio Lower Upper
166 100
165 96.0 77.7 116.5
167 13.4 10.6 16.0

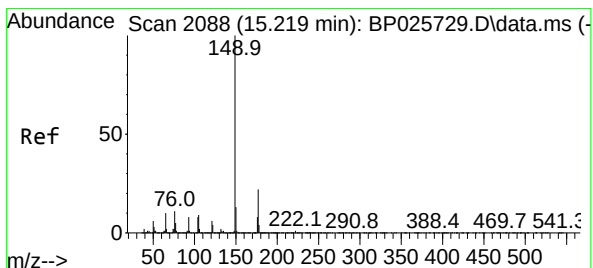
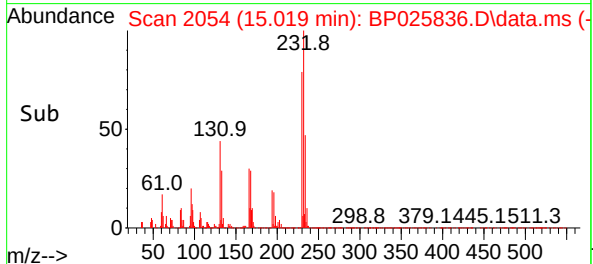
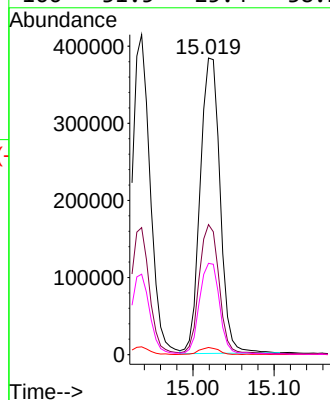
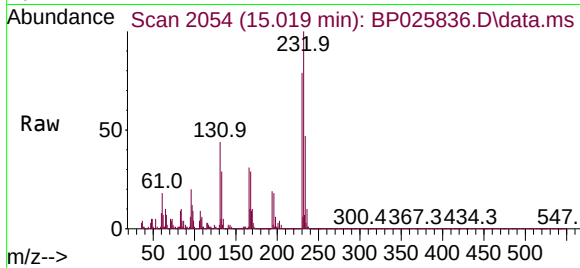




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.157 ng
RT: 15.019 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

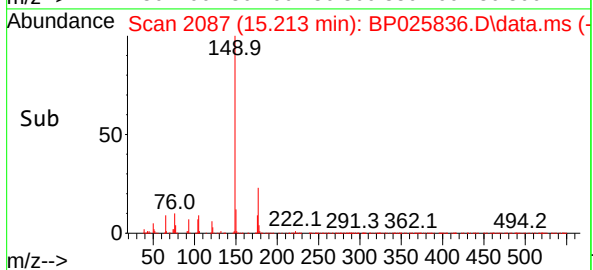
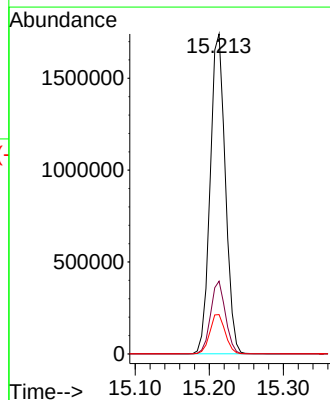
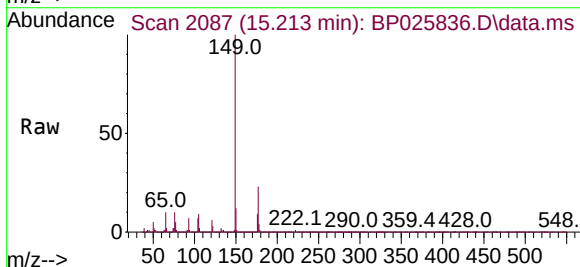
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

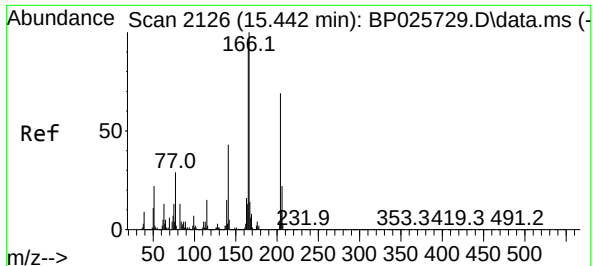
Tgt Ion:232 Resp: 654182
Ion Ratio Lower Upper
232 100
131 43.8 36.7 55.1
130 2.3 2.0 3.0
166 31.5 25.4 38.2



#60
Diethylphthalate
Concen: 46.895 ng
RT: 15.213 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion:149 Resp: 2470212
Ion Ratio Lower Upper
149 100
177 22.7 17.7 26.5
150 12.3 10.0 15.0

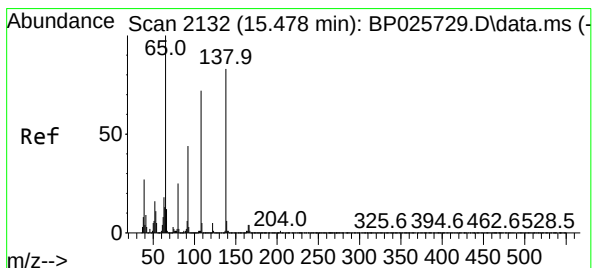
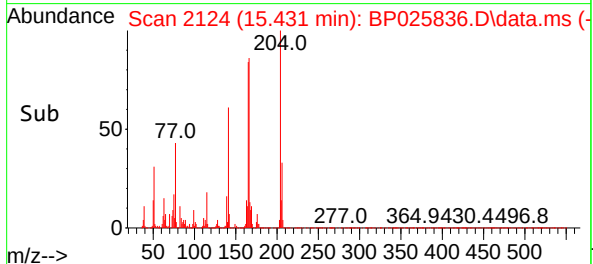
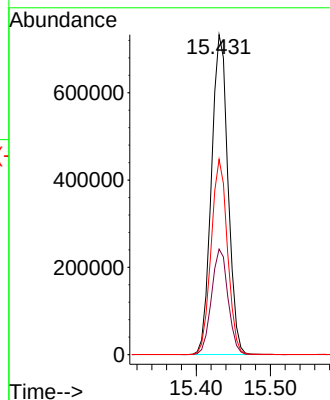
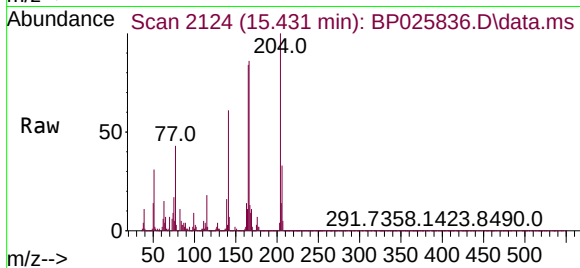




#61
4-Chlorophenyl-phenylether
Concen: 46.344 ng
RT: 15.431 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

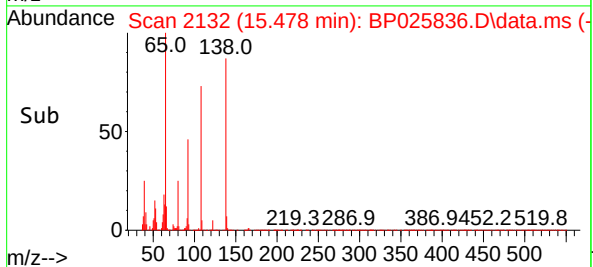
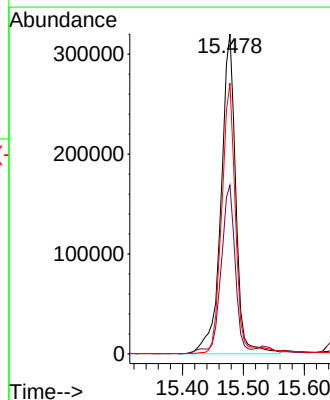
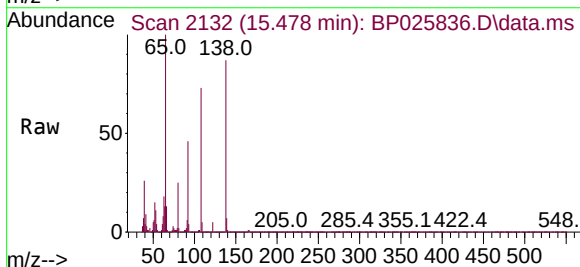
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

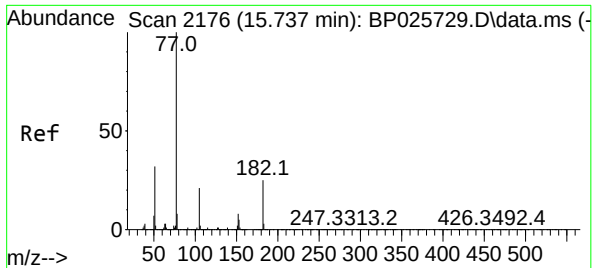
Tgt Ion:204 Resp: 1137004
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 61.0 49.7 74.5



#62
4-Nitroaniline
Concen: 45.479 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion:138 Resp: 539050
Ion Ratio Lower Upper
138 100
92 52.7 33.3 73.3
108 84.6 66.7 106.7

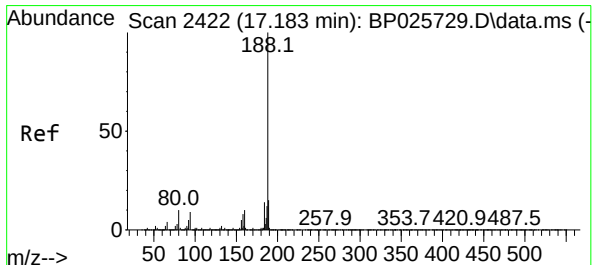
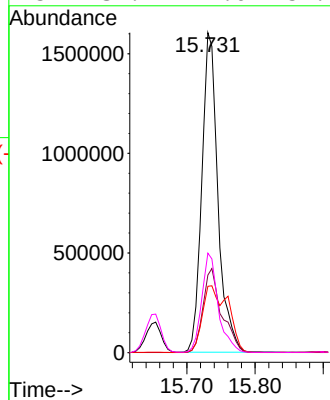
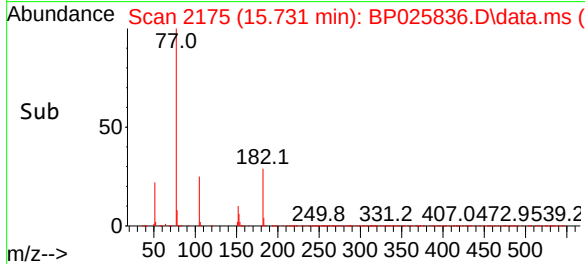
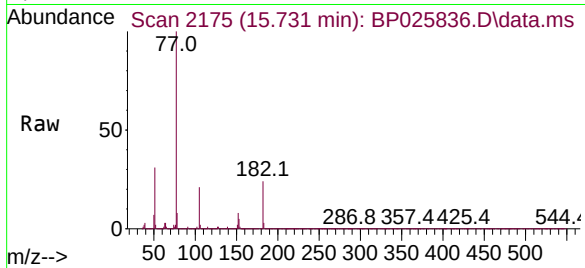




#63
Azobenzene
Concen: 51.818 ng
RT: 15.731 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

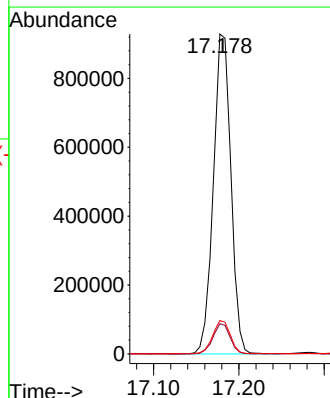
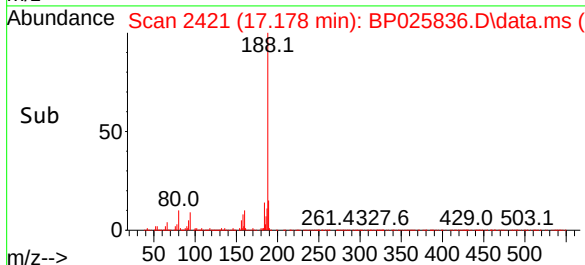
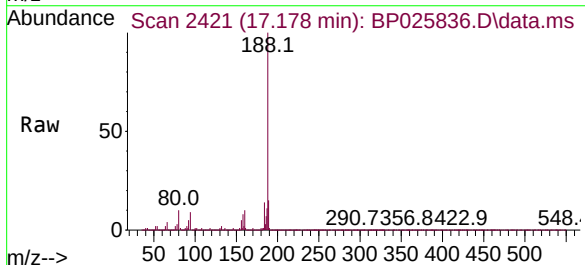
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

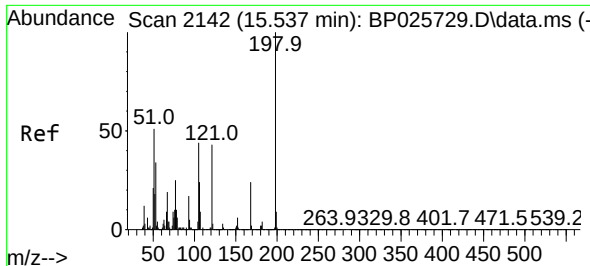
Tgt Ion: 77 Resp: 2639220
Ion Ratio Lower Upper
77 100
182 24.2 5.2 45.2
105 20.7 1.1 41.1
51 31.1 11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion: 188 Resp: 1328394
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.4 7.7 11.5

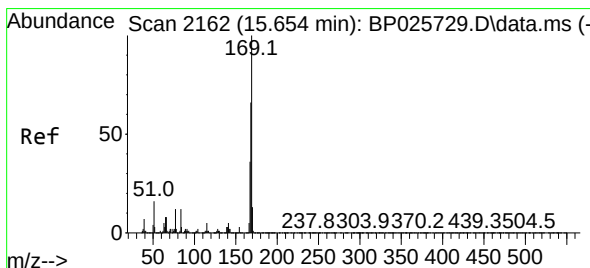
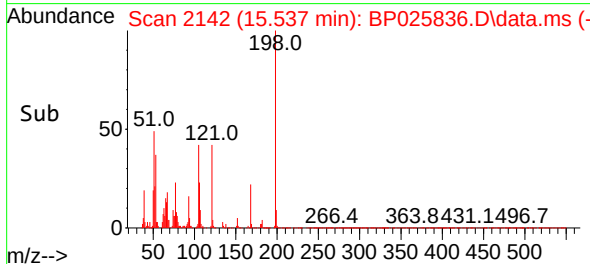
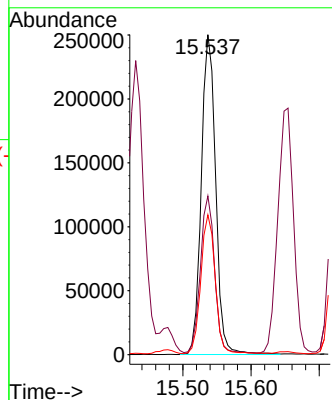
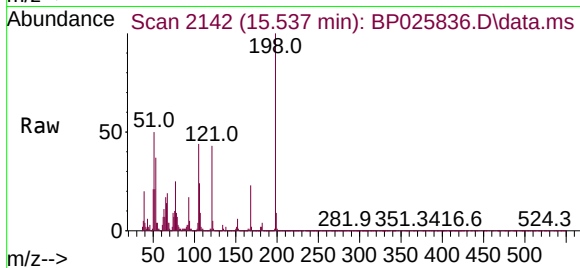




#65
4,6-Dinitro-2-methylphenol
Concen: 41.570 ng
RT: 15.537 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

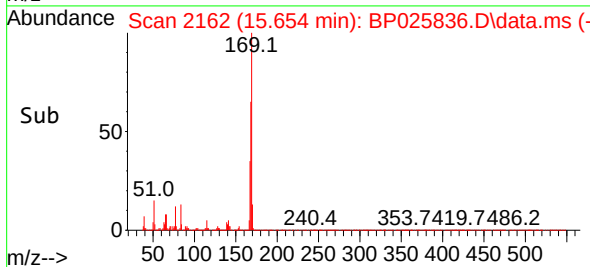
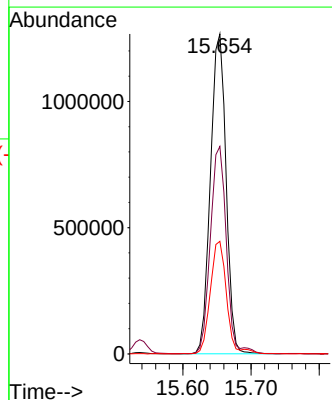
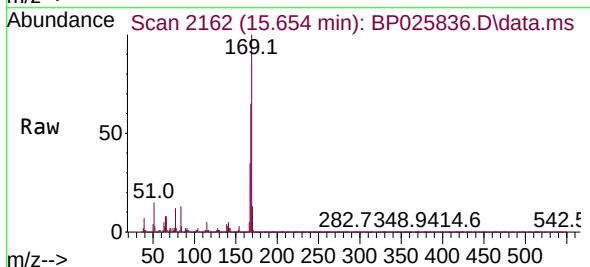
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

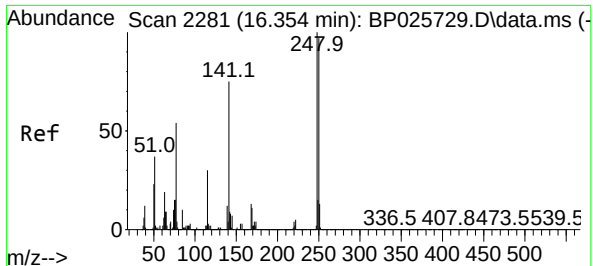
Tgt Ion:198 Resp: 367242
Ion Ratio Lower Upper
198 100
51 49.6 33.4 73.4
105 43.7 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 49.580 ng
RT: 15.654 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion:169 Resp: 2015521
Ion Ratio Lower Upper
169 100
168 64.8 52.6 78.8
167 35.2 28.5 42.7

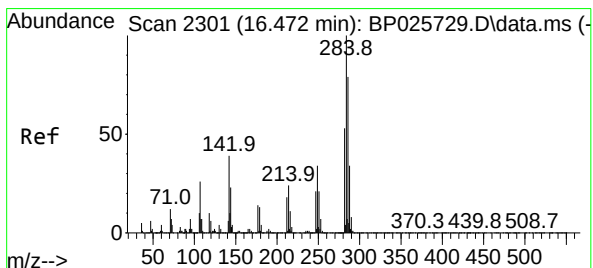
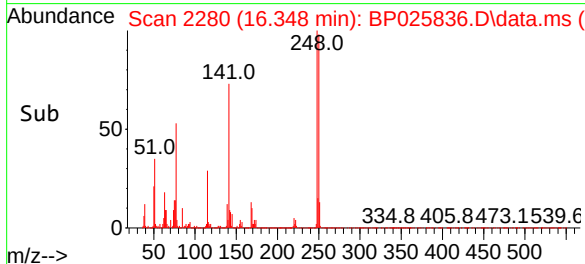
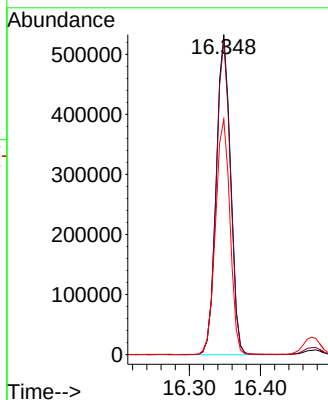
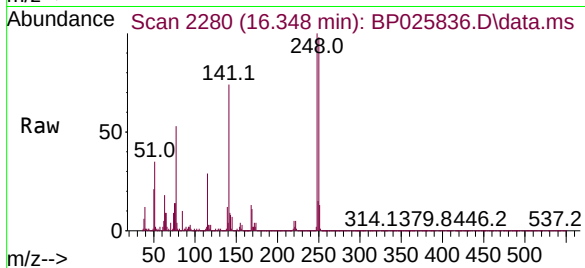




#67
4-Bromophenyl-phenylether
Concen: 51.363 ng
RT: 16.348 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

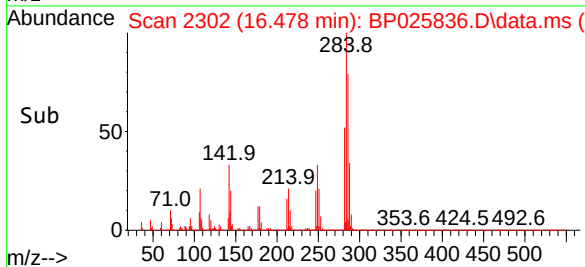
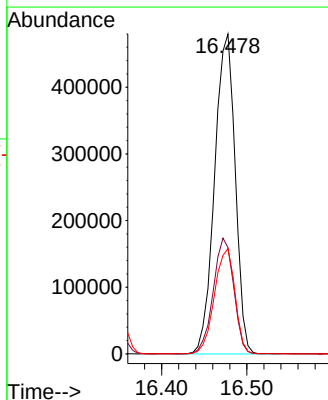
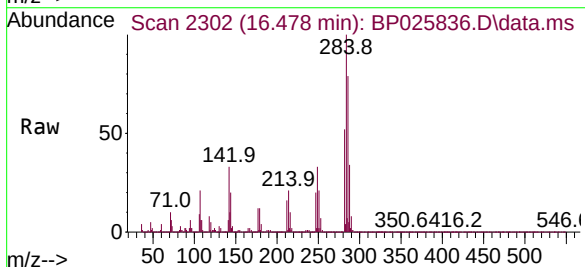
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

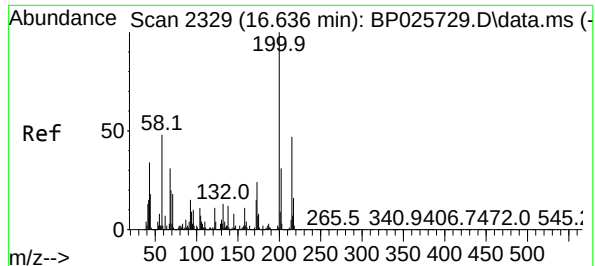
Tgt Ion:248 Resp: 749563
Ion Ratio Lower Upper
248 100
250 98.0 77.5 116.3
141 73.5 60.2 90.4



#68
Hexachlorobenzene
Concen: 49.516 ng
RT: 16.478 min Scan# 2302
Delta R.T. 0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion:284 Resp: 805838
Ion Ratio Lower Upper
284 100
142 33.2 31.3 46.9
249 32.9 27.3 40.9





#69

Atrazine

Concen: 49.262 ng

RT: 16.637 min Scan# 2329

Delta R.T. 0.000 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

Instrument :

BNA_P

ClientSampleId :

OR-500-COMP-40MSD

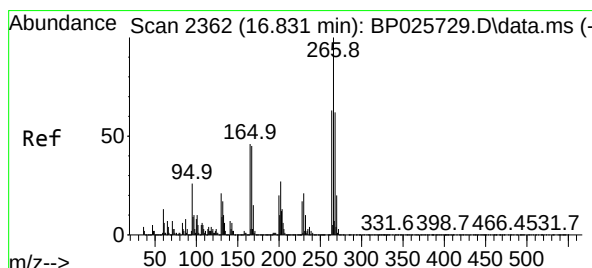
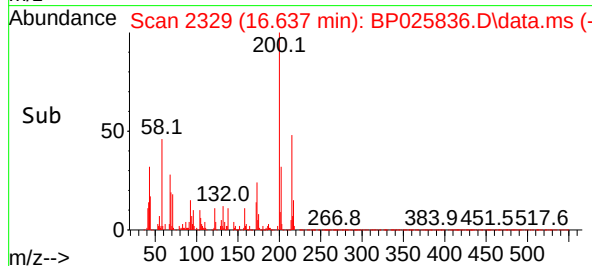
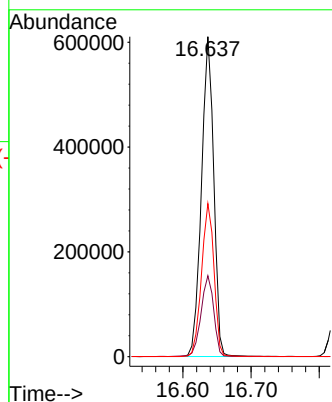
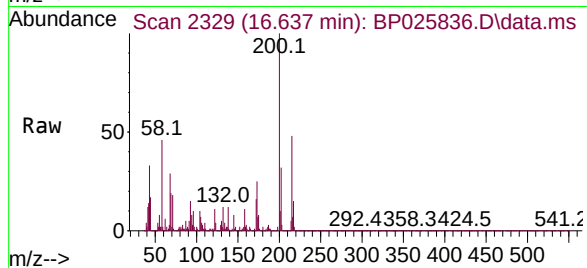
Tgt Ion:200 Resp: 765489

Ion Ratio Lower Upper

200 100

173 25.3 4.2 44.2

215 47.8 27.3 67.3



#70

Pentachlorophenol

Concen: 89.244 ng

RT: 16.831 min Scan# 2362

Delta R.T. 0.000 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

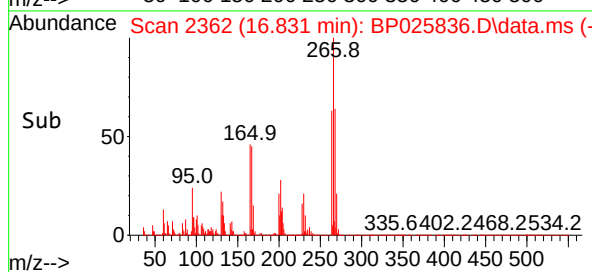
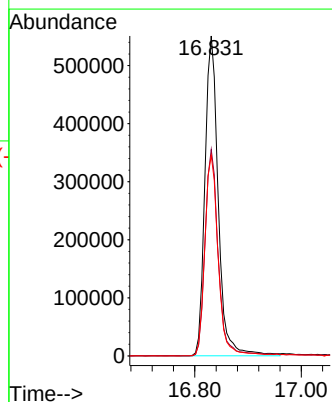
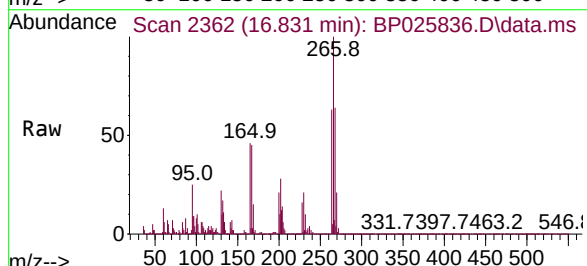
Tgt Ion:266 Resp: 958569

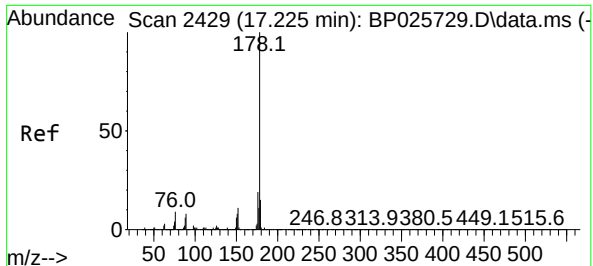
Ion Ratio Lower Upper

266 100

268 64.5 49.8 74.8

264 62.7 50.2 75.2

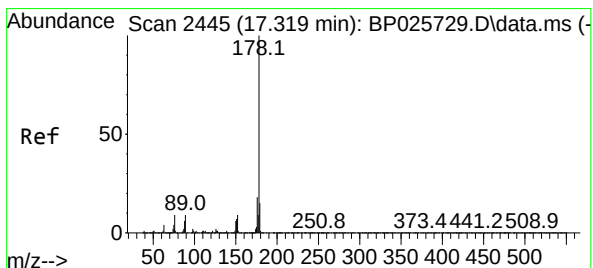
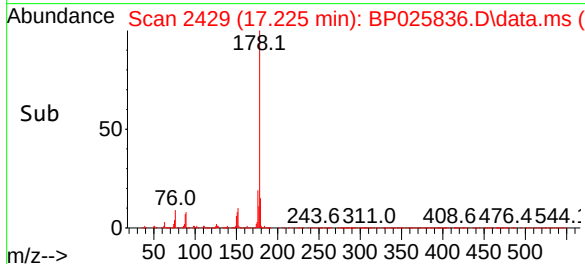
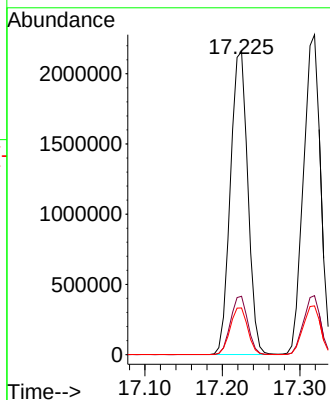
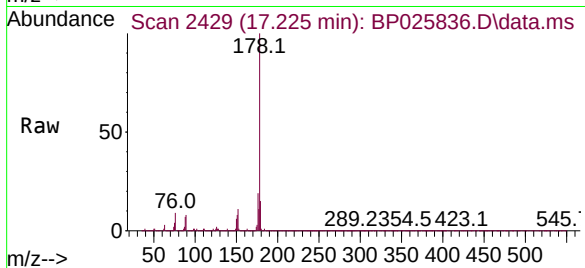




#71
Phenanthrene
Concen: 44.880 ng
RT: 17.225 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

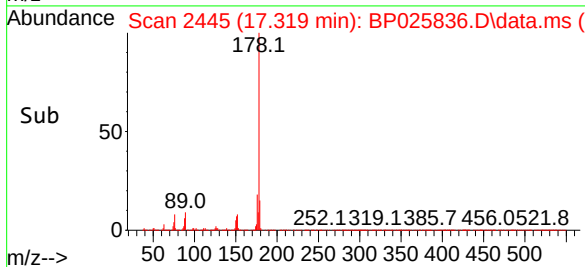
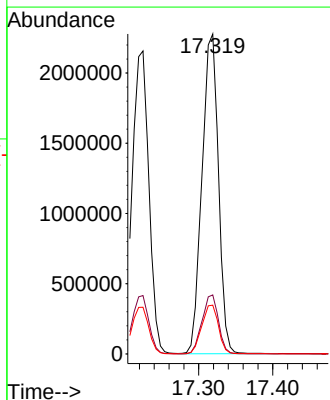
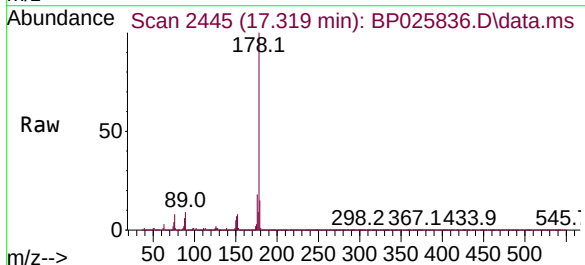
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

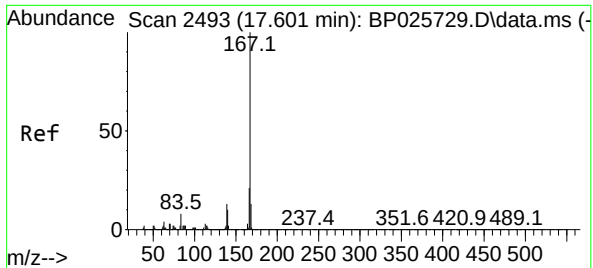
Tgt Ion:178 Resp: 3381879
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.4 12.2 18.4



#72
Anthracene
Concen: 45.901 ng
RT: 17.319 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion:178 Resp: 3509419
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.2 12.2 18.4

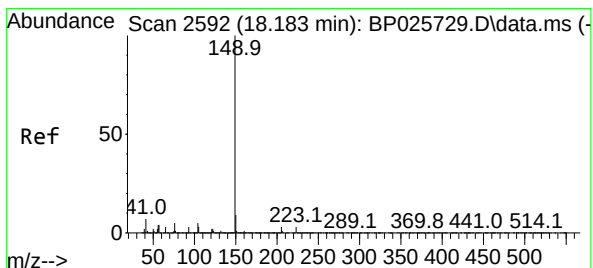
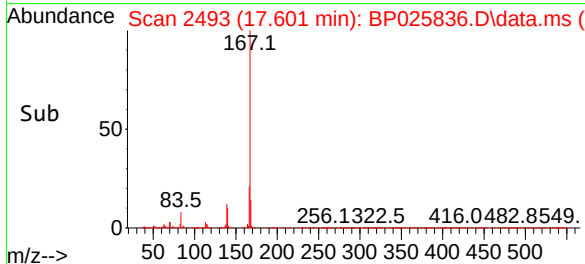
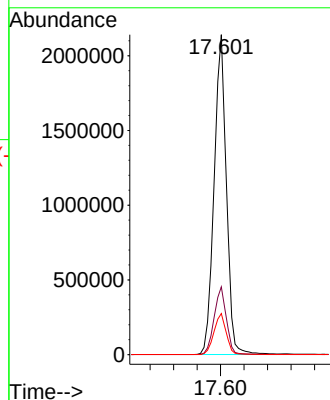
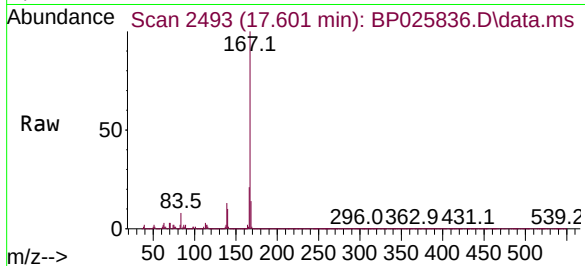




#73
 Carbazole
 Concen: 43.676 ng
 RT: 17.601 min Scan# 2493
 Delta R.T. 0.000 min
 Lab File: BP025836.D
 Acq: 23 Sep 2025 19:22

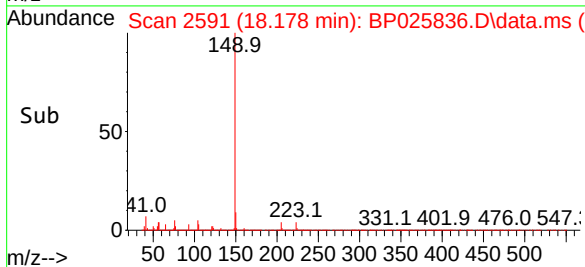
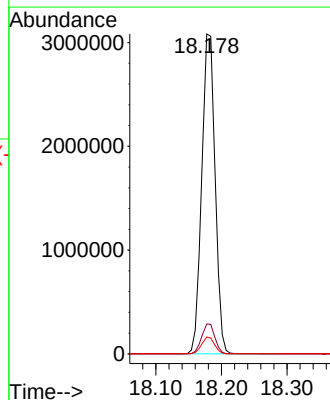
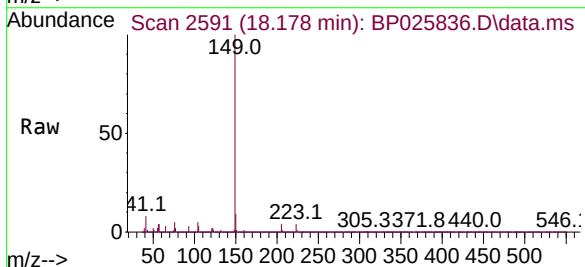
Instrument :
 BNA_P
 ClientSampleId :
 OR-500-COMP-40MSD

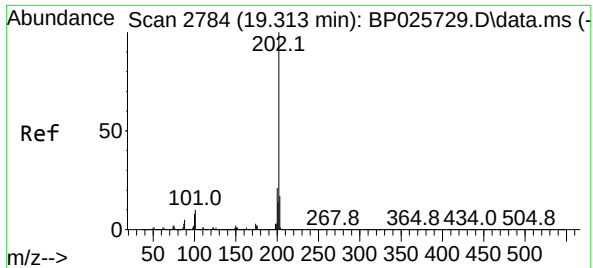
Tgt Ion:167 Resp: 3104556
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 12.8 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 49.853 ng
 RT: 18.178 min Scan# 2591
 Delta R.T. -0.006 min
 Lab File: BP025836.D
 Acq: 23 Sep 2025 19:22

Tgt Ion:149 Resp: 4348685
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.3 4.3 6.5

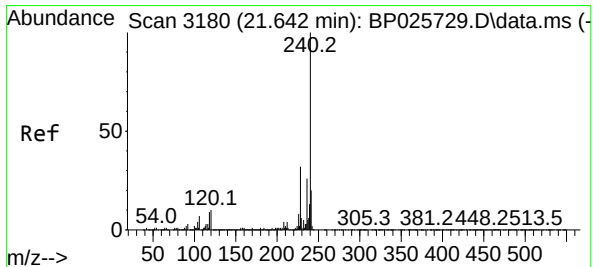
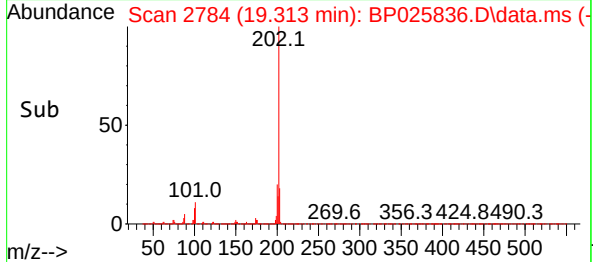
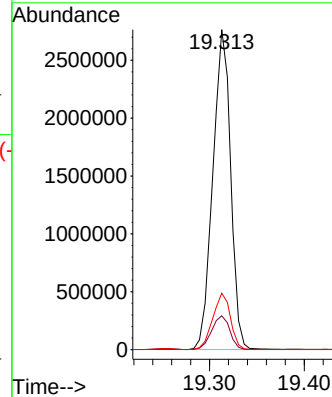
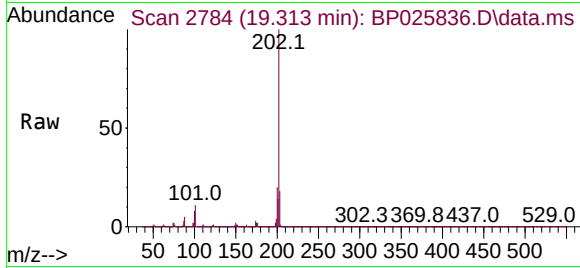




#75
Fluoranthene
Concen: 39.948 ng
RT: 19.313 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

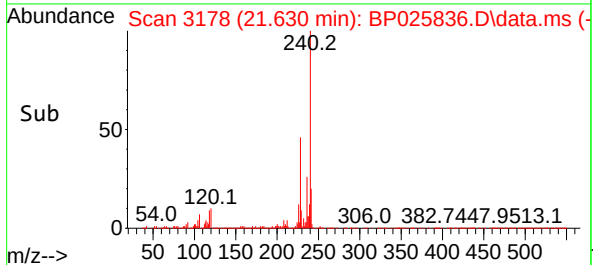
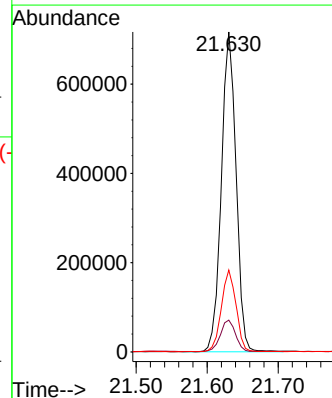
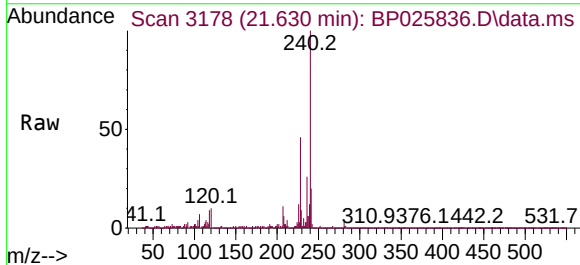
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

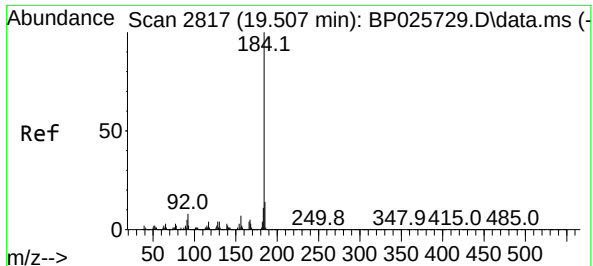
Tgt Ion:202 Resp: 3610257
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.4
203 17.6 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.012 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion:240 Resp: 1034217
Ion Ratio Lower Upper
240 100
120 9.9 8.0 12.0
236 25.6 20.7 31.1

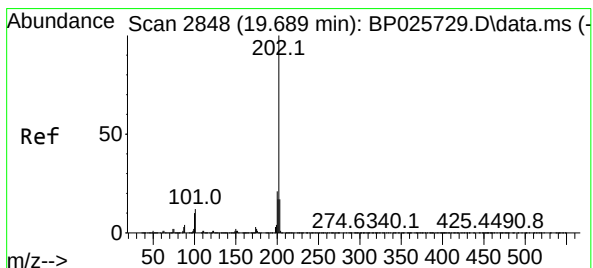
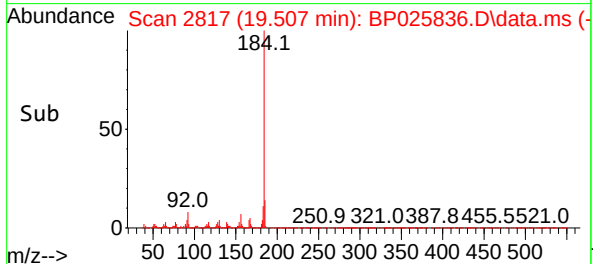
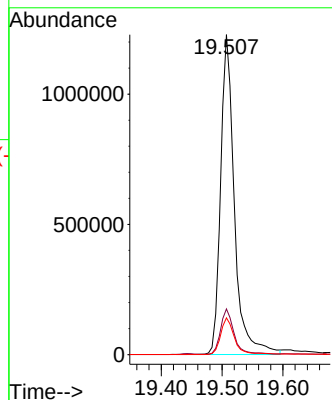
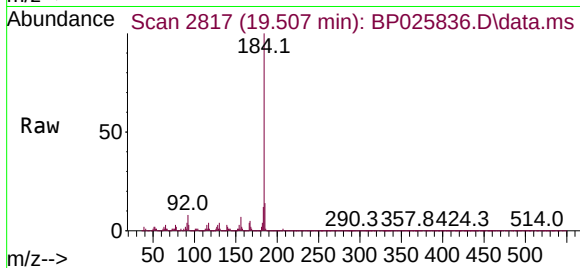




#77
Benzidine
Concen: 64.932 ng
RT: 19.507 min Scan# 2817
Delta R.T. 0.000 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

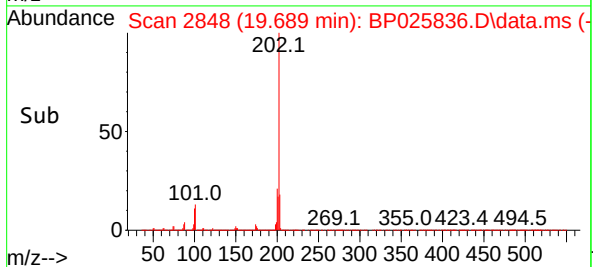
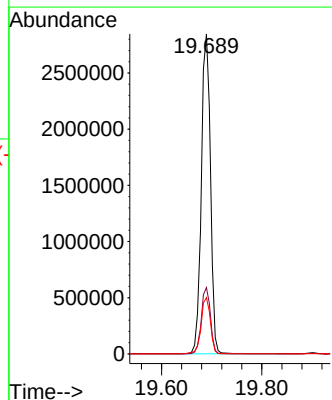
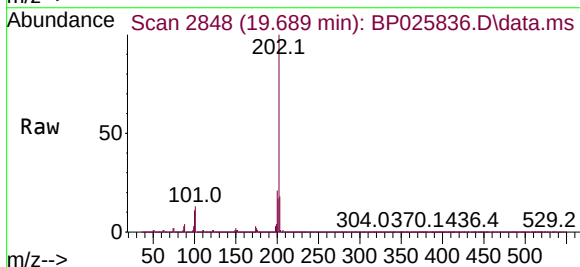
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

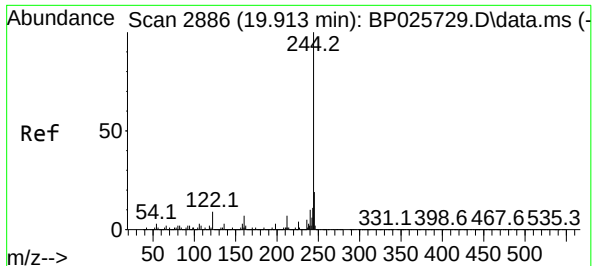
Tgt Ion:184 Resp: 1934401
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 11.5 9.2 13.8



#78
Pyrene
Concen: 51.921 ng
RT: 19.689 min Scan# 2848
Delta R.T. 0.000 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion:202 Resp: 3582986
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.6
203 17.6 13.9 20.9

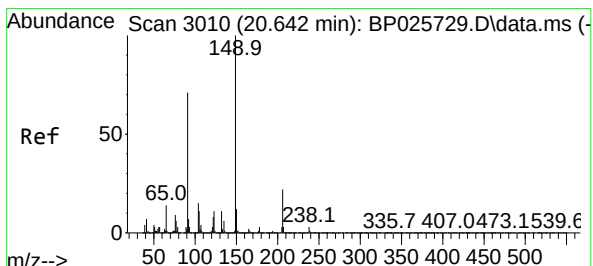
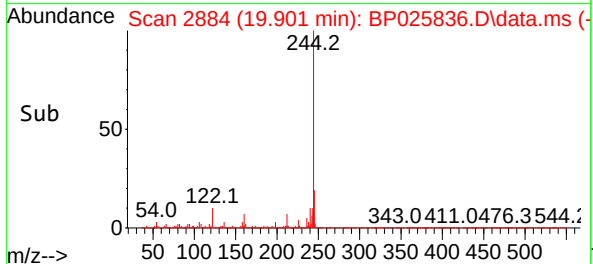
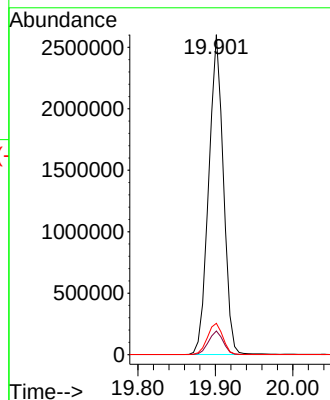
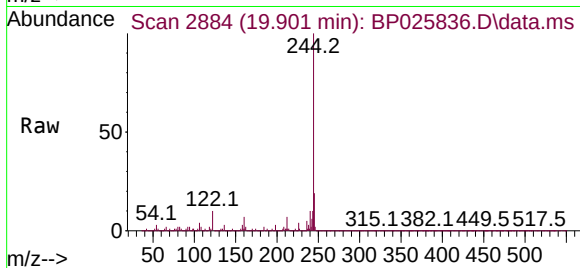




#79
 Terphenyl-d14
 Concen: 59.588 ng
 RT: 19.901 min Scan# 2884
 Delta R.T. -0.012 min
 Lab File: BP025836.D
 Acq: 23 Sep 2025 19:22

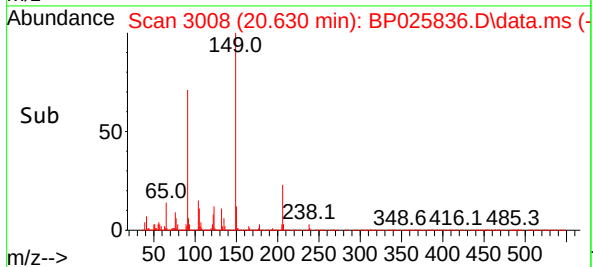
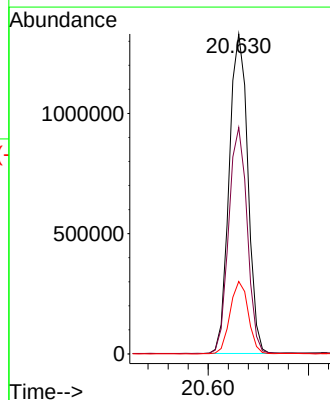
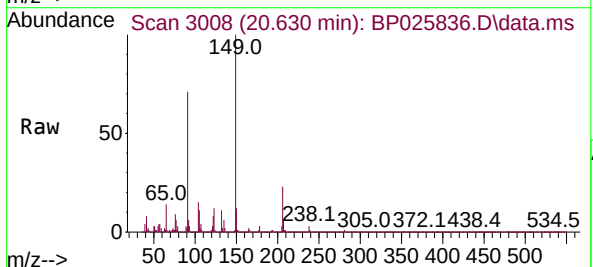
Instrument :
 BNA_P
 ClientSampleId :
 OR-500-COMP-40MSD

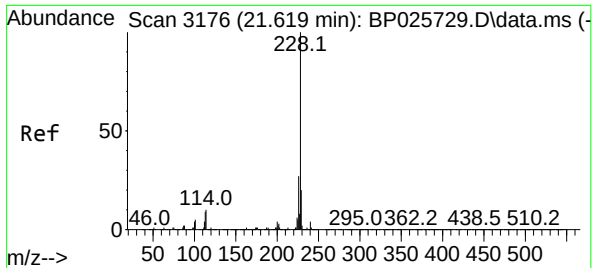
Tgt Ion:244 Resp: 3425629
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 9.8 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 56.790 ng
 RT: 20.630 min Scan# 3008
 Delta R.T. -0.012 min
 Lab File: BP025836.D
 Acq: 23 Sep 2025 19:22

Tgt Ion:149 Resp: 1718336
 Ion Ratio Lower Upper
 149 100
 91 70.7 56.6 85.0
 206 22.6 17.4 26.0

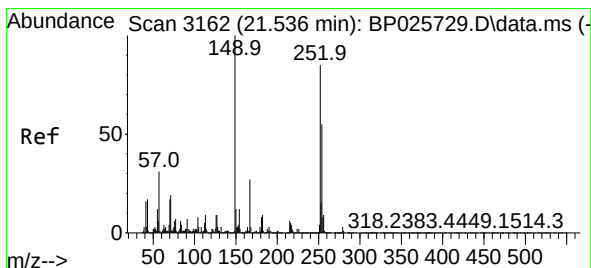
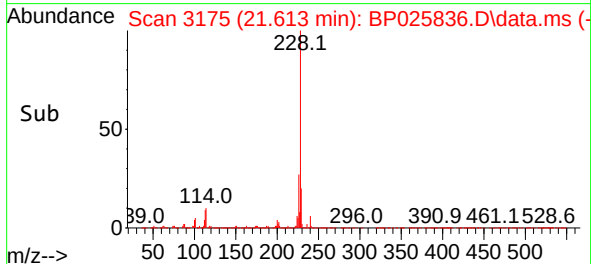
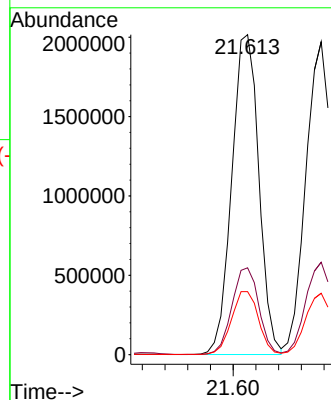
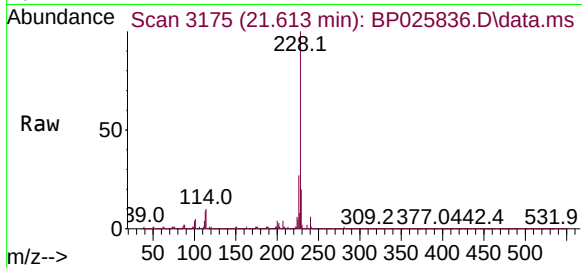




#81
Benzo(a)anthracene
Concen: 47.046 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

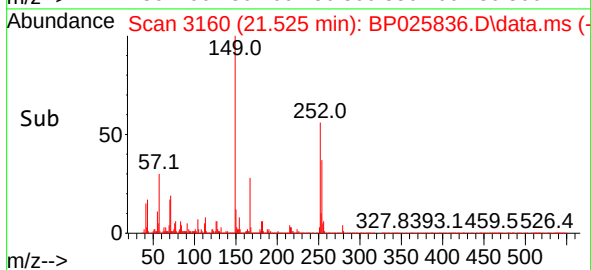
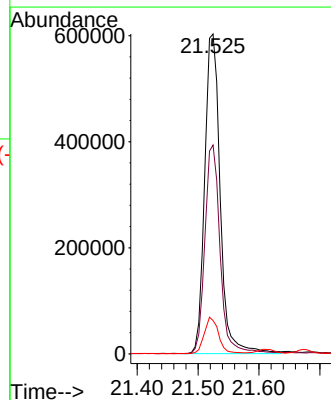
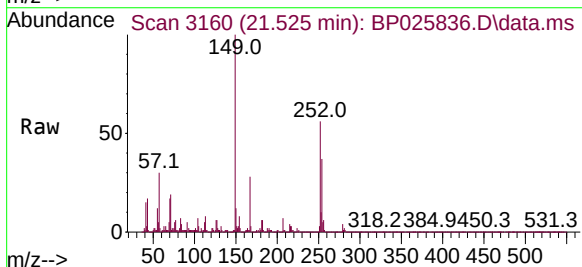
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

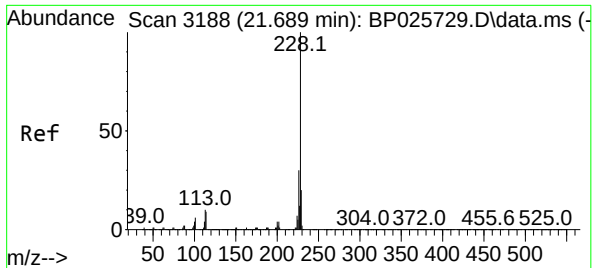
Tgt Ion:228 Resp: 3331030
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 19.7 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 43.531 ng
RT: 21.525 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion:252 Resp: 1065724
Ion Ratio Lower Upper
252 100
254 65.3 51.4 77.0
126 10.4 8.3 12.5

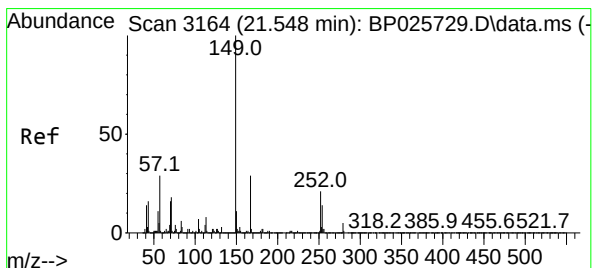
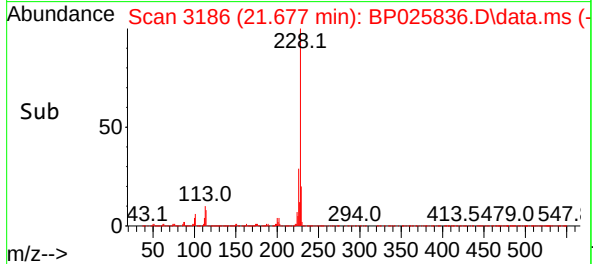
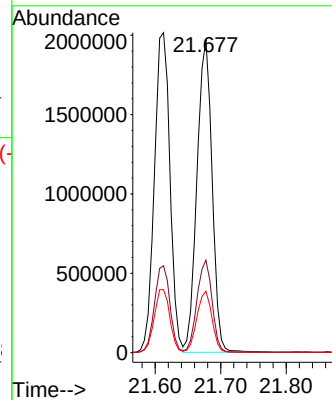
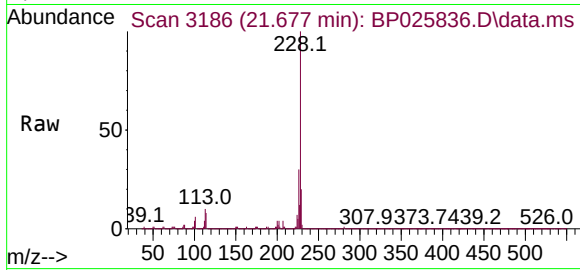




#83
Chrysene
Concen: 46.684 ng
RT: 21.677 min Scan# 3186
Delta R.T. -0.012 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

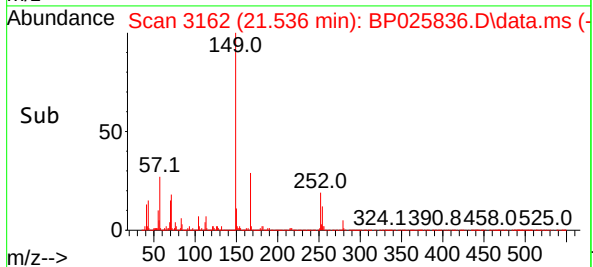
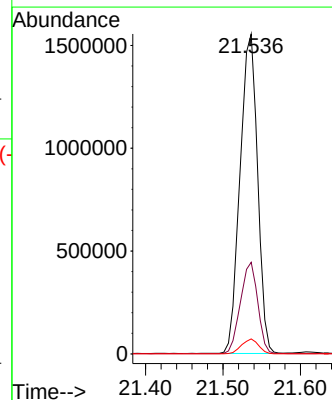
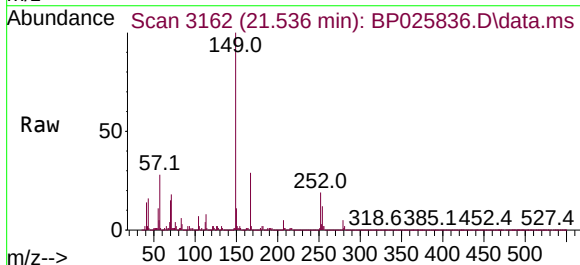
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

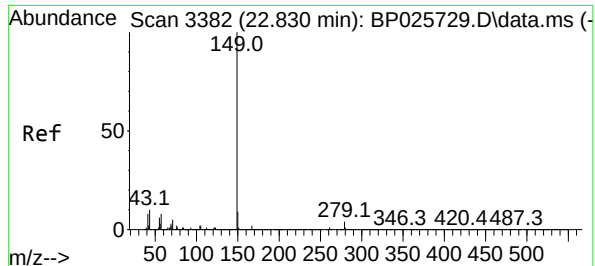
Tgt Ion:228 Resp: 3150883
Ion Ratio Lower Upper
228 100
226 29.5 23.8 35.6
229 19.6 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.257 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.012 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion:149 Resp: 2446096
Ion Ratio Lower Upper
149 100
167 28.6 22.9 34.3
279 4.7 3.8 5.8

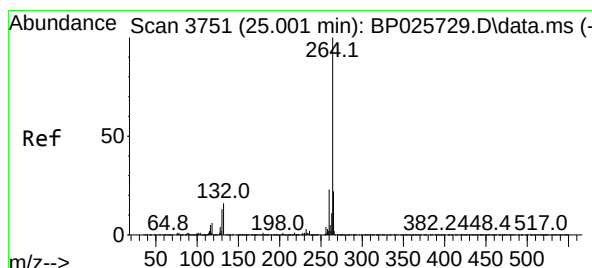
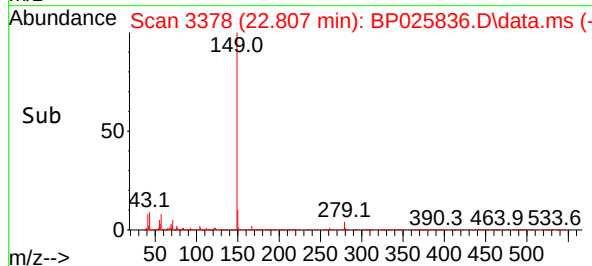
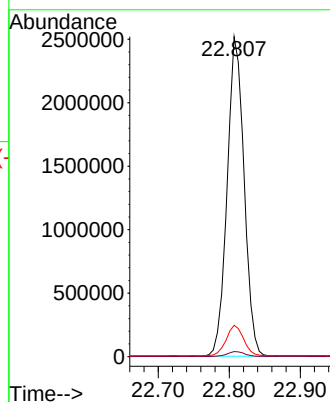
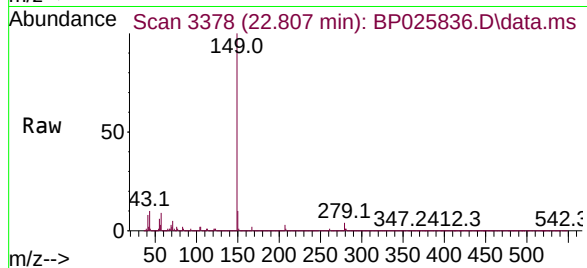




#85
Di-n-octyl phthalate
Concen: 53.122 ng
RT: 22.807 min Scan# 3382
Delta R.T. -0.023 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

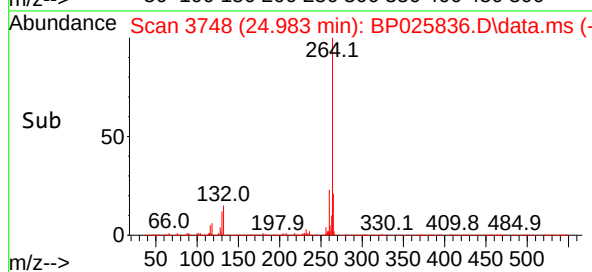
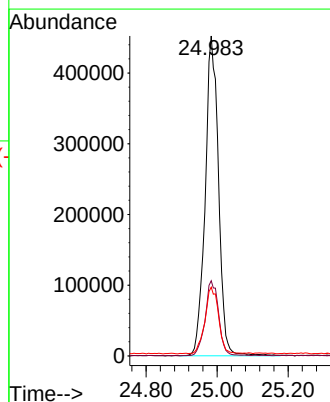
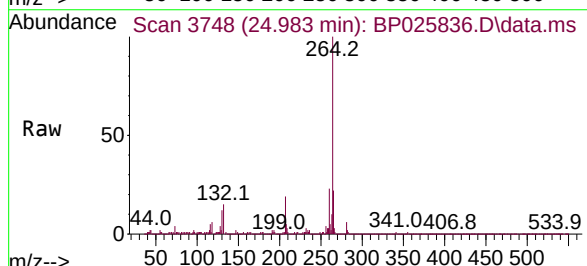
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

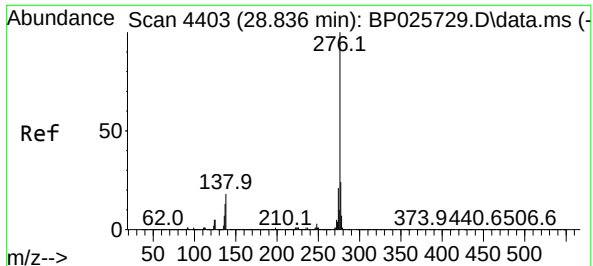
Tgt Ion:149 Resp: 4183044
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.8 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.983 min Scan# 3748
Delta R.T. -0.018 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion:264 Resp: 1170740
Ion Ratio Lower Upper
264 100
260 23.5 18.3 27.5
265 21.5 17.3 25.9

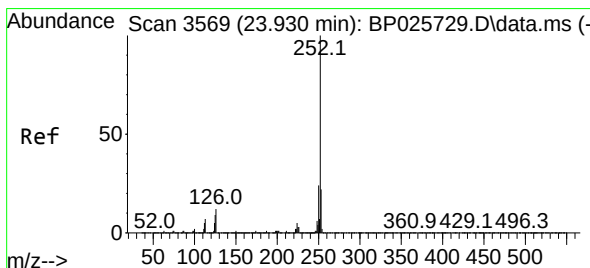
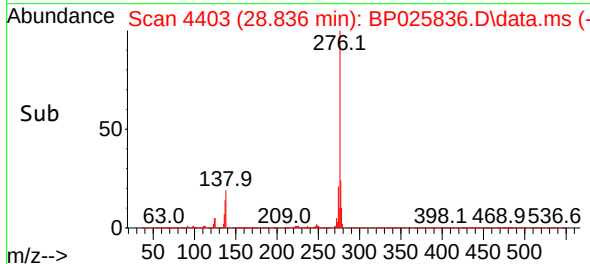
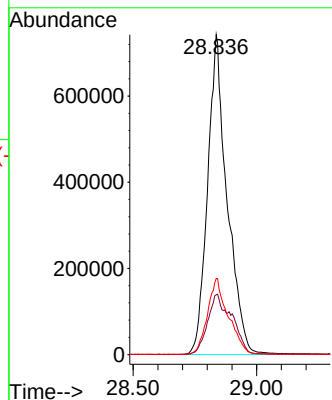
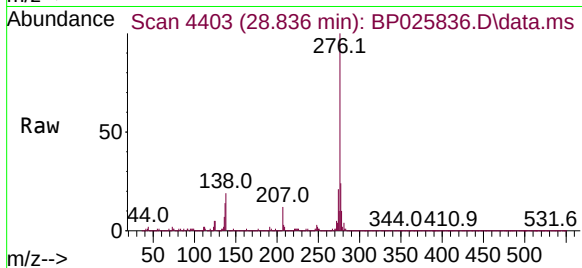




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.915 ng
RT: 28.836 min Scan# 4403
Delta R.T. 0.000 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

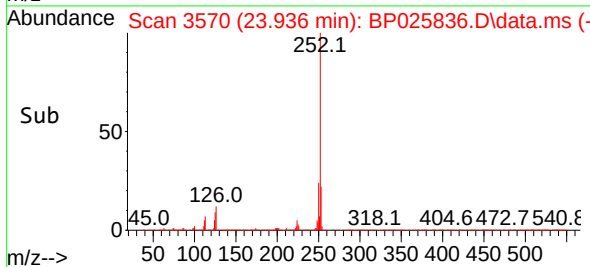
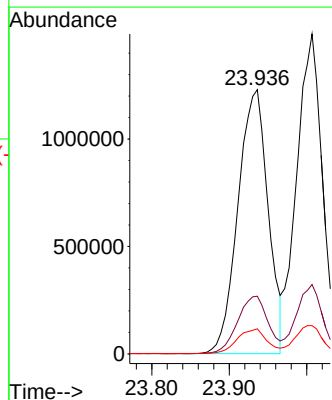
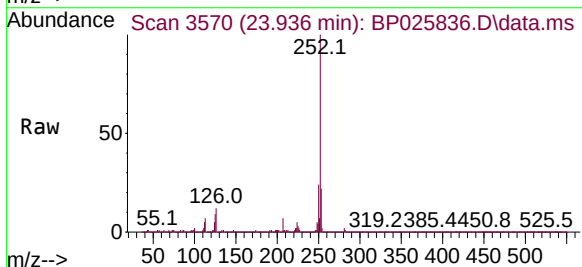
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

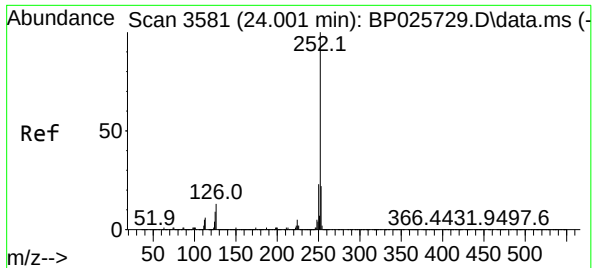
Tgt Ion:276 Resp: 4079428
Ion Ratio Lower Upper
276 100
138 23.3 13.4 20.2#
277 25.1 9.1 13.7#



#88
Benzo(b)fluoranthene
Concen: 46.470 ng
RT: 23.936 min Scan# 3570
Delta R.T. 0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion:252 Resp: 3326956
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 9.5 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 46.941 ng

RT: 24.007 min Scan# 3581

Delta R.T. 0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

Instrument :

BNA_P

ClientSampleId :

OR-500-COMP-40MSD

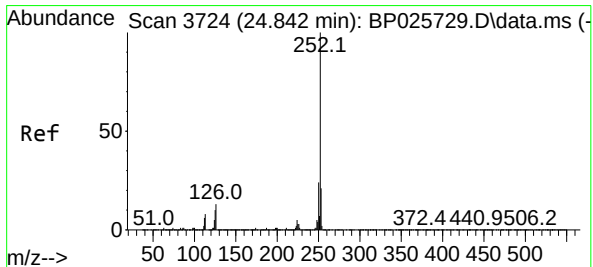
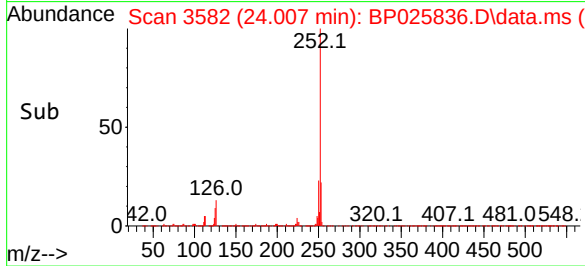
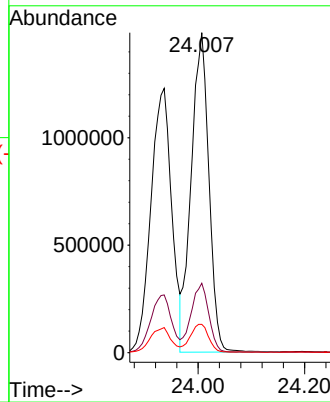
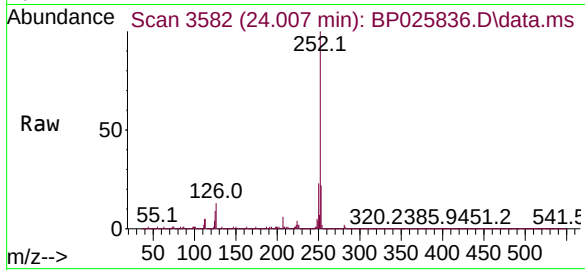
Tgt Ion:252 Resp: 3429343

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.8 7.5 11.3



#90

Benzo(a)pyrene

Concen: 46.298 ng

RT: 24.842 min Scan# 3724

Delta R.T. 0.000 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

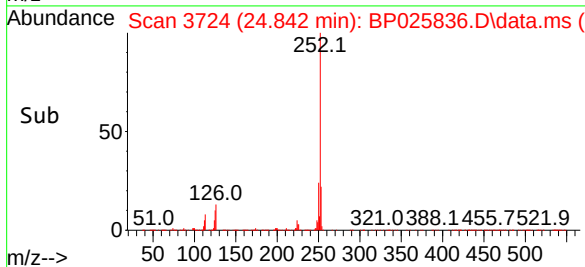
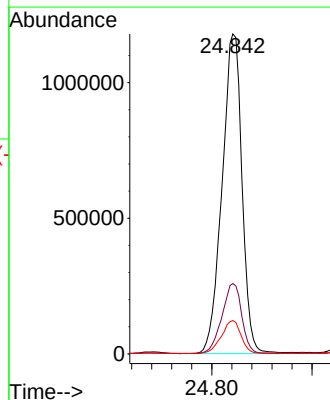
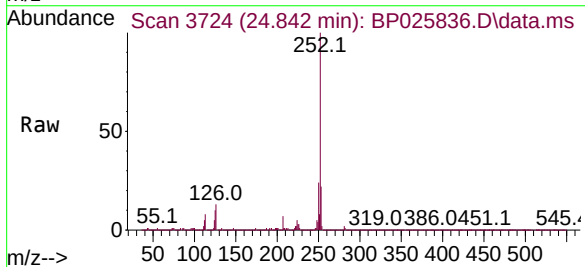
Tgt Ion:252 Resp: 3246023

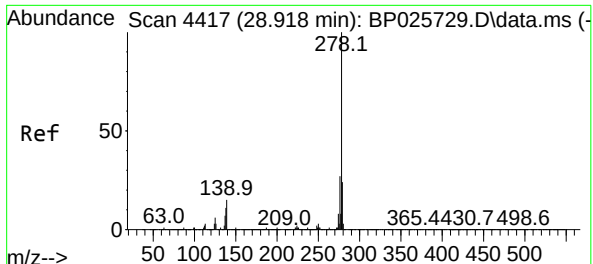
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 10.4 8.3 12.5

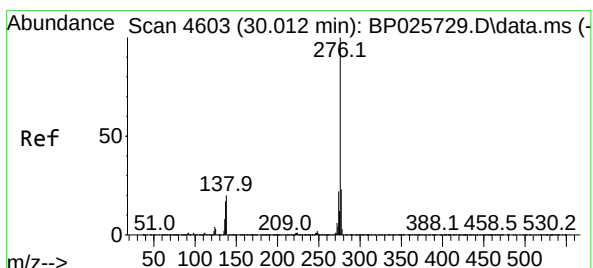
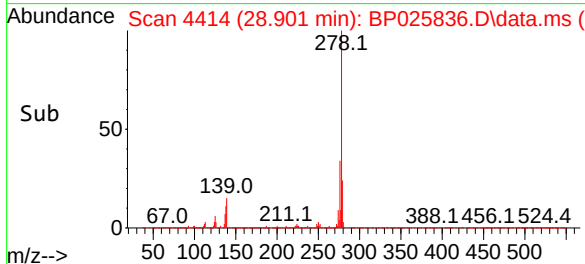
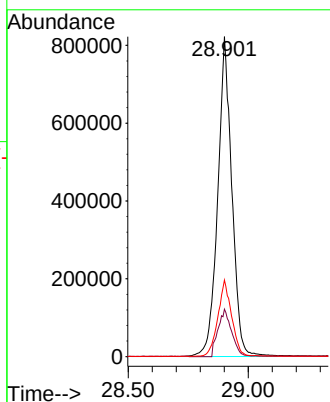
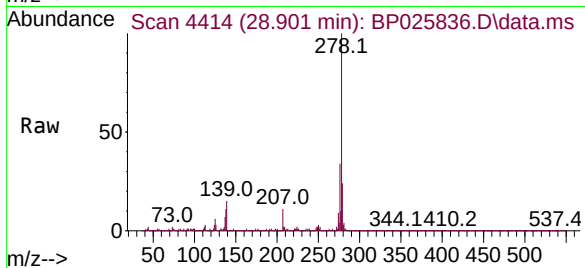




#91
Dibenzo(a,h)anthracene
Concen: 48.188 ng
RT: 28.901 min Scan# 4414
Delta R.T. -0.018 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

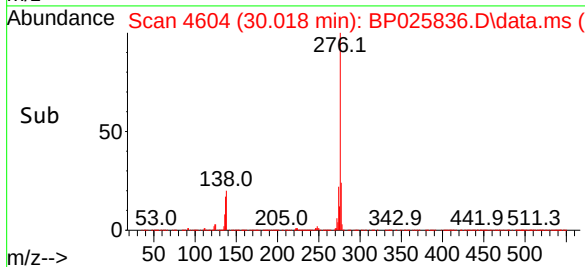
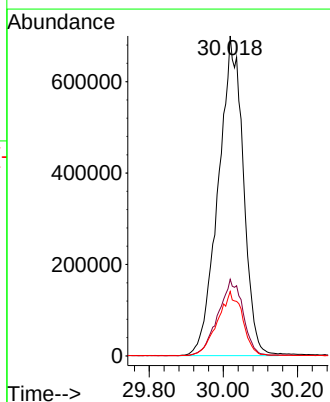
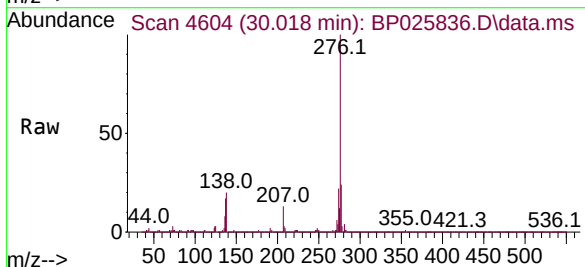
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MSD

Tgt Ion:278 Resp: 3357344
Ion Ratio Lower Upper
278 100
139 14.8 12.1 18.1
279 23.9 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 47.708 ng
RT: 30.018 min Scan# 4604
Delta R.T. 0.006 min
Lab File: BP025836.D
Acq: 23 Sep 2025 19:22

Tgt Ion:276 Resp: 3268828
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 20.1 16.0 24.0



Manual Integration Report

Sequence:	bg082825	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BG064219.D	1,3-Dichlorobenzene	Rahul	8/29/2025 10:50:29 AM	Jagrut	8/29/2025 10:59:06 AM	Peak Integrated by Software
SSTDICC005	BG064219.D	1-Methylnaphthalene	Rahul	8/29/2025 10:50:29 AM	Jagrut	8/29/2025 10:59:06 AM	Peak Integrated by Software
SSTDICC010	BG064220.D	Benzoic acid	Rahul	8/29/2025 10:50:31 AM	Jagrut	8/29/2025 10:59:09 AM	Peak Integrated by Software
SSTDICC020	BG064221.D	Benzaldehyde	Rahul	8/29/2025 10:50:33 AM	Jagrut	8/29/2025 10:59:11 AM	Peak Integrated by Software
SSTDICCC040	BG064222.D	Benzoic acid	Rahul	8/29/2025 10:50:35 AM	Jagrut	8/29/2025 10:59:14 AM	Peak Integrated by Software
SSTDICC050	BG064223.D	Benzaldehyde	Rahul	8/29/2025 10:50:37 AM	Jagrut	8/29/2025 10:59:18 AM	Peak Integrated by Software
SSTDICC050	BG064223.D	Benzoic acid	Rahul	8/29/2025 10:50:37 AM	Jagrut	8/29/2025 10:59:18 AM	Peak Integrated by Software
SSTDICC060	BG064224.D	Benzoic acid	Rahul	8/29/2025 10:50:40 AM	Jagrut	8/29/2025 10:59:20 AM	Peak Integrated by Software
SSTDICC080	BG064225.D	Benzoic acid	Rahul	8/29/2025 10:50:42 AM	Jagrut	8/29/2025 10:59:22 AM	Peak Integrated by Software
SSTDICV040	BG064226.D	Benzoic acid	Rahul	8/29/2025 10:50:44 AM	Jagrut	8/29/2025 10:59:25 AM	Peak Integrated by Software

Manual Integration Report

Sequence:

BG092325

Instrument

BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BG064435.D	1-Methylnaphthalene	Rahul	9/23/2025 3:54:04 PM	mohammad	9/25/2025 4:53:38 AM	Peak Integrated by Software
Q3155-01	BG064437.D	Benzo(k)fluoranthene	Rahul	9/23/2025 3:54:07 PM	mohammad	9/25/2025 4:53:38 AM	Peak Integrated by Software
Q3155-02	BG064438.D	Benzo(k)fluoranthene	Rahul	9/23/2025 3:54:09 PM	mohammad	9/25/2025 4:53:38 AM	Peak Integrated by Software
Q3155-03	BG064439.D	Benzo(a)pyrene	Rahul	9/23/2025 3:54:12 PM	mohammad	9/25/2025 4:53:38 AM	Peak Integrated by Software
Q3155-03	BG064439.D	Benzo(k)fluoranthene	Rahul	9/23/2025 3:54:12 PM	mohammad	9/25/2025 4:53:38 AM	Peak Integrated by Software

Manual Integration Report

Sequence:	BP091225	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC2.5	BP025725.D	n-Nitroso-di-n-propylamine	Rahul	9/12/2025 10:21:39 AM	Jagrut	9/12/2025 11:46:19 AM	Peak Integrated by Software
SSTDICC005	BP025726.D	4-Nitroaniline	Rahul	9/12/2025 10:21:42 AM	Jagrut	9/12/2025 11:46:21 AM	Peak Integrated by Software
SSTDICC010	BP025727.D	Benzaldehyde	Rahul	9/12/2025 10:21:45 AM	Jagrut	9/12/2025 11:46:23 AM	Peak Integrated by Software
SSTDICC010	BP025727.D	Benzoic acid	Rahul	9/12/2025 10:21:45 AM	Jagrut	9/12/2025 11:46:23 AM	Peak Integrated by Software
SSTDICC010	BP025727.D	Caprolactam	Rahul	9/12/2025 10:21:45 AM	Jagrut	9/12/2025 11:46:23 AM	Peak Integrated by Software
SSTDICC020	BP025728.D	Benzaldehyde	Rahul	9/12/2025 10:21:48 AM	Jagrut	9/12/2025 11:46:26 AM	Peak Integrated by Software
SSTDICCC040	BP025729.D	Benzaldehyde	Rahul	9/12/2025 10:21:51 AM	Jagrut	9/12/2025 11:46:29 AM	Peak Integrated by Software
SSTDICC050	BP025733.D	Benzaldehyde	Rahul	9/12/2025 10:21:53 AM	Jagrut	9/12/2025 11:49:15 AM	Peak Integrated by Software
SSTDICV040	BP025734.D	Benzaldehyde	Rahul	9/12/2025 10:21:56 AM	Jagrut	9/12/2025 11:49:18 AM	Peak Integrated by Software
SSTDICV040	BP025734.D	Benidine	Rahul	9/12/2025 10:21:56 AM	Jagrut	9/12/2025 11:49:18 AM	Peak Integrated by Software
SSTDCCC040	BP025744.D	Benzaldehyde	Rahul	9/15/2025 8:28:08 AM	Jagrut	9/15/2025 10:12:19 AM	Peak Integrated by Software
SSTDCCC040	BP025744.D	Benzo(g,h,i)perylene	Rahul	9/15/2025 8:28:08 AM	Jagrut	9/15/2025 10:12:19 AM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

BP091225

Instrument

BNA_p

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason



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

Manual Integration Report

Sequence:

BP092325

Instrument

BNA_p

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: **BNA_G**

Daily Analysis Runlog For Sequence/QC Batch ID # BG082825

Review By	Rahul	Review On	8/29/2025 10:48:53 AM		
Supervise By	Jagrut	Supervise On	8/29/2025 10:59:39 AM		
SubDirectory	BG082825	HP Acquire Method	BNA_G	HP Processing Method	bg082825
STD. NAME		STD REF.#			
Tune/Reschk	SP6757				
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864				
CCC	SP6860				
Internal Standard/PEM	S13173,10ul/1000ul sample				
ICV/I.BLK	SP6770				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064217.D	28 Aug 2025 10:11	RC/JU	Ok
2	SSTDICC2.5	BG064218.D	28 Aug 2025 10:51	RC/JU	Ok
3	SSTDICC005	BG064219.D	28 Aug 2025 11:32	RC/JU	Ok,M
4	SSTDICC010	BG064220.D	28 Aug 2025 12:12	RC/JU	Ok,M
5	SSTDICC020	BG064221.D	28 Aug 2025 12:53	RC/JU	Ok,M
6	SSTDICCC040	BG064222.D	28 Aug 2025 13:33	RC/JU	Ok,M
7	SSTDICC050	BG064223.D	28 Aug 2025 14:55	RC/JU	Ok,M
8	SSTDICC060	BG064224.D	28 Aug 2025 15:35	RC/JU	Ok,M
9	SSTDICC080	BG064225.D	28 Aug 2025 16:16	RC/JU	Ok,M
10	SSTDICV040	BG064226.D	28 Aug 2025 18:19	RC/JU	Ok,M
11	PB169325TB	BG064227.D	28 Aug 2025 19:00	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_G**

Daily Analysis Runlog For Sequence/QC Batch ID # BG092325

Review By	Rahul	Review On	9/23/2025 3:45:02 PM		
Supervise By	mohammad	Supervise On	9/25/2025 4:53:38 AM		
SubDirectory	BG092325	HP Acquire Method	BNA_G	HP Processing Method	bg082825
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864			
CCC		SP6860			
Internal Standard/PEM		S13175,10ul/1000ul sample			
ICV/I.BLK		SP6796			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064434.D	23 Sep 2025 10:47	RC/JU	Ok
2	SSTDCCC040	BG064435.D	23 Sep 2025 11:28	RC/JU	Ok,M
3	PB169754TB	BG064436.D	23 Sep 2025 12:13	RC/JU	Not Ok
4	Q3155-01	BG064437.D	23 Sep 2025 13:18	RC/JU	Ok,M
5	Q3155-02	BG064438.D	23 Sep 2025 13:59	RC/JU	Ok,M
6	Q3155-03	BG064439.D	23 Sep 2025 14:40	RC/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP091225

Review By	Rahul	Review On	9/12/2025 10:23:37 AM
Supervise By	Jagrut	Supervise On	9/12/2025 11:49:47 AM
SubDirectory	BP091225	HP Acquire Method	BNA_P
		HP Processing Method	BP091225
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S13174,10ul/1000ul sample		
ICV/I.BLK	SP6796		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025724.D	11 Sep 2025 08:09	CG/JU	Ok
2	SSTDICC2.5	BP025725.D	11 Sep 2025 08:56	CG/JU	Ok,M
3	SSTDICC005	BP025726.D	11 Sep 2025 09:37	CG/JU	Ok,M
4	SSTDICC010	BP025727.D	11 Sep 2025 10:18	CG/JU	Ok,M
5	SSTDICC020	BP025728.D	11 Sep 2025 10:59	CG/JU	Ok,M
6	SSTDICCC040	BP025729.D	11 Sep 2025 12:21	CG/JU	Ok,M
7	SSTDICC050	BP025730.D	11 Sep 2025 13:02	CG/JU	Not Ok
8	SSTDICC060	BP025731.D	11 Sep 2025 13:43	CG/JU	Ok
9	SSTDICC080	BP025732.D	11 Sep 2025 14:24	CG/JU	Ok
10	SSTDICC050	BP025733.D	11 Sep 2025 15:20	CG/JU	Ok,M
11	SSTDICV040	BP025734.D	11 Sep 2025 16:54	CG/JU	Ok,M
12	PB169633BL	BP025735.D	11 Sep 2025 17:35	CG/JU	Ok
13	DFTPP	BP025736.D	12 Sep 2025 09:03	CG/JU	Ok
14	SSTDCCC040	BP025737.D	12 Sep 2025 10:24	CG/JU	Ok
15	PB169490BL	BP025738.D	12 Sep 2025 11:05	CG/JU	Ok
16	Q2893-02	BP025739.D	12 Sep 2025 11:46	CG/JU	Ok,M
17	Q2893-08	BP025740.D	12 Sep 2025 12:27	CG/JU	Ok,M
18	Q2893-01	BP025741.D	12 Sep 2025 13:08	CG/JU	Ok,M
19	Q2893-07	BP025742.D	12 Sep 2025 13:49	CG/JU	Ok,M
20	PB169499BL	BP025743.D	12 Sep 2025 14:30	CG/JU	Ok
21	SSTDCCC040	BP025744.D	12 Sep 2025 15:35	CG/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP092325

Review By	Rahul	Review On	9/24/2025 8:36:47 AM
Supervise By	mohammad	Supervise On	9/25/2025 4:53:29 AM
SubDirectory	BP092325	HP Acquire Method	BNA_P
		HP Processing Method	BP091225
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S13175,10ul/1000ul sample		
ICV/I.BLK	SP6796		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025823.D	23 Sep 2025 09:41	CG/JU	Ok
2	SSTDCCC040	BP025824.D	23 Sep 2025 11:03	CG/JU	Ok
3	PB169765BL	BP025825.D	23 Sep 2025 11:44	CG/JU	Ok
4	PB169765BS	BP025826.D	23 Sep 2025 12:25	CG/JU	Ok
5	PB169765BSD	BP025827.D	23 Sep 2025 13:07	CG/JU	Ok
6	PB169774BL	BP025828.D	23 Sep 2025 13:48	CG/JU	Ok
7	PB169774BS	BP025829.D	23 Sep 2025 14:29	CG/JU	Ok
8	Q3135-01	BP025830.D	23 Sep 2025 15:14	CG/JU	Ok
9	Q3151-02	BP025831.D	23 Sep 2025 15:55	CG/JU	Ok
10	Q3145-01	BP025832.D	23 Sep 2025 16:37	CG/JU	Ok
11	Q3153-01	BP025833.D	23 Sep 2025 17:18	CG/JU	Ok
12	Q3153-05	BP025834.D	23 Sep 2025 18:00	CG/JU	Ok
13	Q3153-05MS	BP025835.D	23 Sep 2025 18:41	CG/JU	Ok
14	Q3153-05MSD	BP025836.D	23 Sep 2025 19:22	CG/JU	Ok
15	Q3145-03	BP025837.D	23 Sep 2025 20:04	CG/JU	Ok
16	Q3157-01	BP025838.D	23 Sep 2025 20:45	CG/JU	Ok

M : Manual Integration

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG082825

Review By	Rahul	Review On	8/29/2025 10:48:53 AM
Supervise By	Jagrut	Supervise On	8/29/2025 10:59:39 AM
SubDirectory	BG082825	HP Acquire Method	BNA_G
		HP Processing Method	bg082825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13173,10ul/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	BG064217.D	28 Aug 2025 10:11		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BG064218.D	28 Aug 2025 10:51		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BG064219.D	28 Aug 2025 11:32		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BG064220.D	28 Aug 2025 12:12		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BG064221.D	28 Aug 2025 12:53		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BG064222.D	28 Aug 2025 13:33	compound #54 kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BG064223.D	28 Aug 2025 14:55		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BG064224.D	28 Aug 2025 15:35		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BG064225.D	28 Aug 2025 16:16	Compound #9 revoved from 80PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBG082825	BG064226.D	28 Aug 2025 18:19		RC/JU	Ok,M
11	PB169325TB	PB169325TB	BG064227.D	28 Aug 2025 19:00		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG092325

Review By	Rahul	Review On	9/23/2025 3:45:02 PM
Supervise By	mohammad	Supervise On	9/25/2025 4:53:38 AM
SubDirectory	BG092325	HP Acquire Method	BNA_G
		HP Processing Method	bg082825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064434.D	23 Sep 2025 10:47		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064435.D	23 Sep 2025 11:28	CCC fail high for many comp & CCC fail lowside for Comp#16	RC/JU	Ok,M
3	PB169754TB	PB169754TB	BG064436.D	23 Sep 2025 12:13	Analyzed for contamination check.	RC/JU	Not Ok
4	Q3155-01	COMP-1	BG064437.D	23 Sep 2025 13:18		RC/JU	Ok,M
5	Q3155-02	COMP-2	BG064438.D	23 Sep 2025 13:59		RC/JU	Ok,M
6	Q3155-03	COMP-3	BG064439.D	23 Sep 2025 14:40		RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP091225

Review By	Rahul	Review On	9/12/2025 10:23:37 AM
Supervise By	Jagrut	Supervise On	9/12/2025 11:49:47 AM
SubDirectory	BP091225	HP Acquire Method	BNA_P
		HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025724.D	11 Sep 2025 08:09		CG/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP025725.D	11 Sep 2025 08:56		CG/JU	Ok,M
3	SSTDICC005	SSTDICC005	BP025726.D	11 Sep 2025 09:37		CG/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP025727.D	11 Sep 2025 10:18		CG/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP025728.D	11 Sep 2025 10:59		CG/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP025729.D	11 Sep 2025 12:21	Compound#54 & 56 are Kept on LR	CG/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP025730.D	11 Sep 2025 13:02	Not Used	CG/JU	Not Ok
8	SSTDICC060	SSTDICC060	BP025731.D	11 Sep 2025 13:43		CG/JU	Ok
9	SSTDICC080	SSTDICC080	BP025732.D	11 Sep 2025 14:24		CG/JU	Ok
10	SSTDICC050	SSTDICC050	BP025733.D	11 Sep 2025 15:20		CG/JU	Ok,M
11	SSTDICV040	ICVBP091225	BP025734.D	11 Sep 2025 16:54		CG/JU	Ok,M
12	PB169633BL	PB169633BL	BP025735.D	11 Sep 2025 17:35		CG/JU	Ok
13	DFTPP	DFTPP	BP025736.D	12 Sep 2025 09:03		CG/JU	Ok
14	SSTDCCC040	SSTDCCC040	BP025737.D	12 Sep 2025 10:24		CG/JU	Ok
15	PB169490BL	PB169490BL	BP025738.D	12 Sep 2025 11:05		CG/JU	Ok
16	Q2893-02	LOQ-SOIL-02-QT3-202	BP025739.D	12 Sep 2025 11:46	LOQ-SOIL-10PPM	CG/JU	Ok,M
17	Q2893-08	LOQ-WATER-02-QT3-2	BP025740.D	12 Sep 2025 12:27	LOQ-WATER-10 PPM	CG/JU	Ok,M

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP091225

Review By	Rahul	Review On	9/12/2025 10:23:37 AM		
Supervise By	Jagrut	Supervise On	9/12/2025 11:49:47 AM		
SubDirectory	BP091225	HP Acquire Method	BNA_P	HP Processing Method	BP091225
STD. NAME	STD REF.#				
Tune/Reschk	SP6757				
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840				
CCC	SP6836				
Internal Standard/PEM	S13174,10ul/1000ul sample				
ICV/I.BLK	SP6796				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

18	Q2893-01	LOD-MDL-SOIL-01-QT	BP025741.D	12 Sep 2025 13:08	LOD-MDL-SOIL-8PPM	CG/JU	Ok,M
19	Q2893-07	LOD-MDL-WATER-01-QT	BP025742.D	12 Sep 2025 13:49	LOD-MDL-WATER-8PPM	CG/JU	Ok,M
20	PB169499BL	PB169499BL	BP025743.D	12 Sep 2025 14:30		CG/JU	Ok
21	SSTDCCC040	SSTDCCC040EC	BP025744.D	12 Sep 2025 15:35		CG/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP092325

Review By	Rahul	Review On	9/24/2025 8:36:47 AM
Supervise By	mohammad	Supervise On	9/25/2025 4:53:29 AM
SubDirectory	BP092325	HP Acquire Method	BNA_P
		HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	SP6757 SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	SP6836 S13175,10ul/1000ul sample SP6796

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025823.D	23 Sep 2025 09:41		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025824.D	23 Sep 2025 11:03	CCC fail highside for comp#9,35,56 & marginally lowside for comp#92	CG/JU	Ok
3	PB169765BL	PB169765BL	BP025825.D	23 Sep 2025 11:44		CG/JU	Ok
4	PB169765BS	PB169765BS	BP025826.D	23 Sep 2025 12:25	few compound recovery fail	CG/JU	Ok
5	PB169765BSD	PB169765BSD	BP025827.D	23 Sep 2025 13:07	few compound recovery fail	CG/JU	Ok
6	PB169774BL	PB169774BL	BP025828.D	23 Sep 2025 13:48		CG/JU	Ok
7	PB169774BS	PB169774BS	BP025829.D	23 Sep 2025 14:29		CG/JU	Ok
8	Q3135-01	MH-121	BP025830.D	23 Sep 2025 15:14		CG/JU	Ok
9	Q3151-02	1402	BP025831.D	23 Sep 2025 15:55		CG/JU	Ok
10	Q3145-01	SP-A	BP025832.D	23 Sep 2025 16:37		CG/JU	Ok
11	Q3153-01	OR-500-COMP-39	BP025833.D	23 Sep 2025 17:18		CG/JU	Ok
12	Q3153-05	OR-500-COMP-40	BP025834.D	23 Sep 2025 18:00		CG/JU	Ok
13	Q3153-05MS	OR-500-COMP-40MS	BP025835.D	23 Sep 2025 18:41		CG/JU	Ok
14	Q3153-05MSD	OR-500-COMP-40MSD	BP025836.D	23 Sep 2025 19:22		CG/JU	Ok
15	Q3145-03	SP-B	BP025837.D	23 Sep 2025 20:04		CG/JU	Ok
16	Q3157-01	20-DEAD-1	BP025838.D	23 Sep 2025 20:45		CG/JU	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 09/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 09/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137247

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q3143-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q3143-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q3143-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q3143-08	SVOC-GPC2-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q3143-09	PEST-GPC2-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q3143-10	PEST -GPC2-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q3145-01	SP-A	7	1.14	10.75	11.89	10.28	85.0	
Q3145-02	SP-A-EPH-2	8	1.19	10.41	11.6	10.1	85.6	
Q3145-03	SP-B	9	1.19	10.10	11.29	9.75	84.8	
Q3145-04	SP-B-EPH-2	10	1.13	10.64	11.77	10.28	86.0	
Q3146-01	MECHANIC-ST-PAINT-CHIP S	11	1.00	1.00	2.00	2.00	100.0	PAINT CHIPS SAMPLE
Q3147-01	S-1	12	1.18	10.22	11.4	10.7	93.2	
Q3147-02	S-2	13	1.16	10.55	11.71	10.8	91.4	
Q3147-03	S-3	14	1.19	10.42	11.61	10.84	92.6	
Q3147-04	S-4	15	1.16	10.21	11.37	10.34	89.9	
Q3147-05	S-5	16	1.19	10.13	11.32	10.6	92.9	
Q3147-06	S-6	17	1.19	10.36	11.55	10.74	92.2	
Q3147-07	S-7	18	1.19	10.72	11.91	11.00	91.5	
Q3147-08	S-8	19	1.16	10.55	11.71	10.7	90.4	
Q3147-09	S-9	20	1.19	10.28	11.47	10.55	91.1	
Q3147-10	S-10	21	1.19	10.77	11.96	11.32	94.1	
Q3147-11	S-11	22	1.17	10.58	11.75	10.97	92.6	
Q3147-12	S-12	23	1.13	10.67	11.8	10.88	91.4	
Q3147-13	S-13	24	1.19	10.70	11.89	11.15	93.1	
Q3147-14	S-14	25	1.19	10.39	11.58	10.85	93.0	
Q3147-15	S-15	26	1.11	10.77	11.88	10.96	91.5	
Q3147-16	S-16	27	1.19	10.32	11.51	10.47	89.9	
Q3147-17	S-17	28	1.15	10.58	11.73	10.8	91.2	



PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 09/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 09/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137247

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q3147-18	S-18	29	1.18	10.70	11.88	10.95	91.3	
Q3147-19	S-19	30	1.14	10.92	12.06	11.17	91.8	
Q3147-20	S-20	31	1.15	11.56	12.71	11.72	91.4	
Q3147-21	S-21	32	1.18	10.61	11.79	10.96	92.2	
Q3147-22	S-22	33	1.19	11.06	12.25	11.15	90.1	
Q3147-23	S-23	34	1.15	10.40	11.55	10.6	90.9	
Q3147-24	S-24	35	1.19	10.75	11.94	11.14	92.6	
Q3147-25	S-25	36	1.18	10.24	11.42	10.72	93.2	
Q3147-26	S-26	37	1.15	10.35	11.5	11.04	95.6	
Q3147-27	S-27	38	1.15	10.26	11.41	10.27	88.9	
Q3147-28	S-28	39	1.16	11.34	12.5	11.72	93.1	
Q3147-29	S-29	40	1.19	11.23	12.42	11.42	91.1	
Q3147-30	S-30	41	1.13	10.34	11.47	10.94	94.9	
Q3147-31	S-31	42	1.15	11.25	12.4	11.9	95.6	
Q3147-32	S-32	43	1.15	10.91	12.06	11.51	95.0	
Q3150-01	MER Rd Con Ed	44	1.15	10.51	11.66	10.67	90.6	
Q3150-02	MER Rd Con Ed	45	1.15	10.51	11.66	10.67	90.6	
Q3150-03	Mid Site Grid 5-7	46	1.16	10.02	11.18	8.85	76.7	
Q3150-04	Mid Site Grid 5-7	47	1.16	10.02	11.18	8.85	76.7	
Q3151-01	MH-OIL	48	1.00	1.00	2.00	2.00	100.0	oil sample
Q3152-01	EO-02-091925	49	1.14	10.86	12.00	11.16	92.3	
Q3152-02	EO-02-091925-E2	50	1.14	10.38	11.52	10.64	91.5	
Q3153-01	OR-500-COMP-39	51	1.18	10.64	11.82	11.07	93.0	
Q3153-02	OR-500-VOC-115	52	1.17	10.52	11.69	11.13	94.7	
Q3153-03	OR-500-115	53	1.19	10.49	11.68	10.88	92.4	
Q3153-05	OR-500-COMP-40	54	1.19	10.15	11.34	10.00	86.8	
Q3153-06	OR-500-VOC-116	55	1.14	10.30	11.44	10.41	90.0	
Q3153-07	OR-500-116	56	1.13	10.37	11.5	10.15	87.0	



PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 09/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 09/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137247

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q3155-01	COMP-1	57	1.11	10.26	11.37	10.12	87.8	
Q3155-02	COMP-2	58	1.14	10.30	11.44	10.52	91.1	
Q3155-03	COMP-3	59	1.18	10.23	11.41	10.57	91.8	
Q3157-01	20-DEAD-1	60	1.19	10.91	12.1	11.11	90.9	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

13247

WorkList Name : %1-091925

WorkList ID : 191953

Department : Wet-Chemistry

Date : 09-19-2025 09:51:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3143-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-08	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-10	PEST -GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3145-01	SP-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3145-02	SP-A-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3145-03	SP-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3145-04	SP-B-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3146-01	MECHANIC-ST-PAINT-CHIPS	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	09/19/2025	Chemtech -SO
Q3147-01	S-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-02	S-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-03	S-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-04	S-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-05	S-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-06	S-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-07	S-7	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-08	S-8	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-09	S-9	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-10	S-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO

Date/Time 09-19-25 15:00

Raw Sample Received by: JWC

Raw Sample Relinquished by: JWC

Date/Time 09-19-25

Raw Sample Received by: JWC

Raw Sample Relinquished by: JWC

WORKLIST(Hardcopy Internal Chain)

13247

WorkList Name : %1-091925

WorkList ID : 191953

Department : Wet-Chemistry

Date : 09-19-2025 09:51:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3147-11	S-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-12	S-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-13	S-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-14	S-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-15	S-15	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-16	S-16	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-17	S-17	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-18	S-18	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-19	S-19	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-20	S-20	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-21	S-21	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-22	S-22	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-23	S-23	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-24	S-24	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-25	S-25	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-26	S-26	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-27	S-27	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-28	S-28	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-29	S-29	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-30	S-30	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-31	S-31	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO

Date/Time 09-19-25 15:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 09-19-25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

W 13247

WorkList Name : %1-091925

WorkList ID : 191953

Department : Wet-Chemistry

Date : 09-19-2025 09:51:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3147-32	S-32	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3150-01	MER Rd Con Ed	Solid	Percent Solids	Cool 4 deg C	SCAL01	J23	09/18/2025	Chemtech -SO
Q3150-02	MER Rd Con Ed	Solid	Percent Solids	Cool 4 deg C	SCAL01	J23	09/18/2025	Chemtech -SO
Q3150-03	Mid Site Grid 5-7	Solid	Percent Solids	Cool 4 deg C	SCAL01	J23	09/18/2025	Chemtech -SO
Q3150-04	Mid Site Grid 5-7	Solid	Percent Solids	Cool 4 deg C	SCAL01	J23	09/18/2025	Chemtech -SO
Q3151-01	MH-OIL	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3152-01	EO-02-091925	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/19/2025	Chemtech -SO
Q3152-02	EO-02-091925-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/19/2025	Chemtech -SO
Q3153-01	OR-500-COMP-39	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-02	OR-500-VOC-115	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-03	OR-500-115	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-05	OR-500-COMP-40	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-06	OR-500-VOC-116	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-07	OR-500-116	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3155-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	POWE02	D41	09/19/2025	Chemtech -SO
Q3155-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	POWE02	D41	09/19/2025	Chemtech -SO
Q3155-03	COMP-3	Solid	Percent Solids	Cool 4 deg C	POWE02	D41	09/19/2025	Chemtech -SO
Q3157-01	20-DEAD-1	Solid	Percent Solids	Cool 4 deg C	ALWA01	D31	09/19/2025	Chemtech -SO

Date/Time 09-19-25 15:00

Raw Sample Received by: JB WPC

Raw Sample Relinquished by: JB WPC

Date/Time 09-19-25

Raw Sample Received by: JB WPC

Raw Sample Relinquished by: JB WPC

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Matrix: Solid

Weight By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date: 09/22/2025

Extraction Start Time: 09:30

Extraction End Date: 09/22/2025

Extraction End Time: 12:45

Concentration By: EH

Supervisor By: ritesh

Extraction Method: ☐ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Standardized Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6865
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	1.0ML	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2641
Baked Na2SO4	N/A	EP2639
Methylene Chloride	N/A	E3973
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

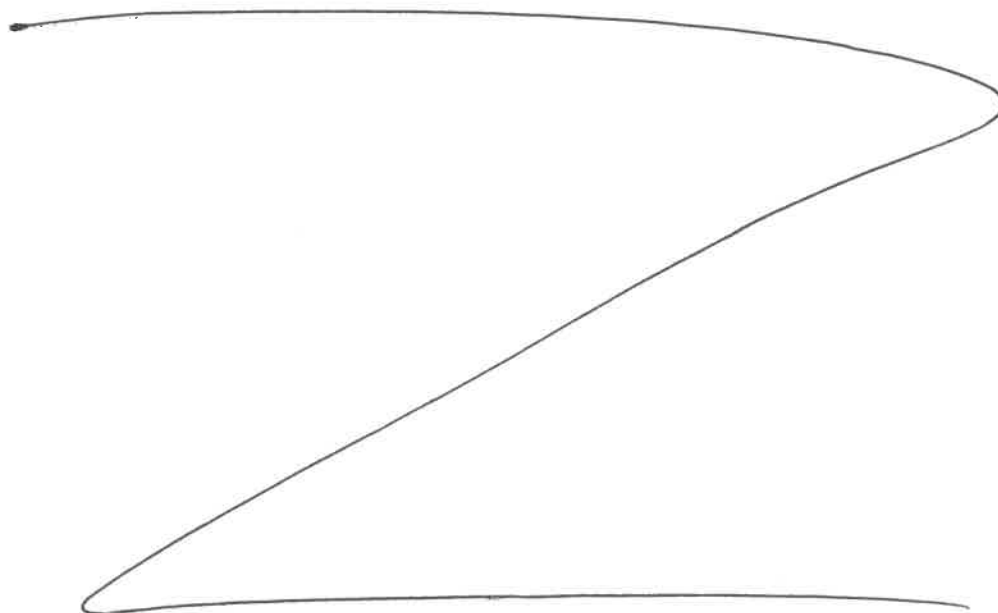
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/22/25	RJ (Ext-Lab)	Rel/Strac
12:50	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 09/22/2025

Sample ID	Client Sample ID	Test	mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169774BL	SBLK774	SVOC-TCL BNA -20	30.01	N/A	Evelyn	ritesh	1			U2-1
PB169774BS	SLCS774	SVOC-TCL BNA -20	30.02	N/A	Evelyn	ritesh	1			2
Q3145-01	SP-A	SVOC-TCL BNA -20	50.06	N/A	Evelyn	ritesh	1	E		3
Q3145-03	SP-B	SVOC-TCL BNA -20	50.03	N/A	Evelyn	ritesh	1	E		4
Q3150-02	MER RD CON ED	SVOCMS Group1	30.04	N/A	Evelyn	ritesh	1			5
Q3150-04	MID SITE GRID 5-7	SVOCMS Group1	30.07	N/A	Evelyn	ritesh	1			6
Q3152-01	EO-02-091925	SVOC-TCL BNA -20	50.05	N/A	Evelyn	ritesh	1	E		U3-1
Q3153-01	OR-500-COMP-39	SVOC-TCL BNA -20	50.08	N/A	Evelyn	ritesh	1	D		2
Q3153-05	OR-500-COMP-40	SVOC-TCL BNA -20	50.03	N/A	Evelyn	ritesh	1	D		3
Q3153-05MS	OR-500-COMP-40MS	SVOC-TCL BNA -20	50.01	N/A	Evelyn	ritesh	1	D		4
Q3153-05MS D	OR-500-COMP-40MSD	SVOC-TCL BNA -20	50.06	N/A	Evelyn	ritesh	1	D		5
Q3155-01	COMP-1	SVOCMS Group1	30.05	N/A	Evelyn	ritesh	1	E		6
Q3155-02	COMP-2	SVOCMS Group1	30.03	N/A	Evelyn	ritesh	1	E		U4-1
Q3155-03	COMP-3	SVOCMS Group1	30.06	N/A	Evelyn	ritesh	1	E		2
Q3157-01	20-DEAD-1	SVOC-TCL BNA -20	30.08	N/A	Evelyn	ritesh	1	E		3



R3
9/22

* Extracts relinquished on the same date as received.

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3145 WorkList ID : 191986 Department : Extraction Date : 09-22-2025 09:18:49

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3145-01	SP-A	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	09/19/2025	8270E
Q3145-03	SP-B	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	09/19/2025	8270E
Q3150-02	MER Rd Con Ed	Solid	SVOCMS Group1	Cool 4 deg C	SCAL01	J23	09/18/2025	8270E
Q3150-04	Mid Site Grid 5-7	Solid	SVOCMS Group1	Cool 4 deg C	SCAL01	J23	09/18/2025	8270E
Q3152-01	EO-02-091925	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D31	09/19/2025	8270E
Q3153-01	OR-500-COMP-39	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	09/19/2025	8270E
Q3153-05	OR-500-COMP-40	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	09/19/2025	8270E
Q3155-01	COMP-1	Solid	SVOCMS Group1	Cool 4 deg C	POWE02	D41	09/19/2025	8270E
Q3155-02	COMP-2	Solid	SVOCMS Group1	Cool 4 deg C	POWE02	D41	09/19/2025	8270E
Q3155-03	COMP-3	Solid	SVOCMS Group1	Cool 4 deg C	POWE02	D41	09/19/2025	8270E
Q3157-01	20-DEAD-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	ALWA01	D31	09/19/2025	8270E

Date/Time 9/22/25 9:25
Raw Sample Received by: RJ FLY- (Lab)
Raw Sample Relinquished by: [Signature]

Date/Time 9/22/25 9:50
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: RJ L ETL- (Lab)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: **Kleinfelder**
ADDRESS: **180 Sheree Blvd. Suite 3800**
CITY: **Exton** STATE: **PA** ZIP: **19341**
ATTENTION: **Mark Warchol**
PHONE: **484-883-3892** FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: **Tanner Duckrey School**
PROJECT NO.: **2002048.001A** LOCATION: **Philadelphia**
PROJECT MANAGER: **Mark Warchol**
e-mail: **mwarchol@kleinfelder.com**
PHONE: **484-883-3892** FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#: **Same**
ADDRESS: **Same**
CITY: STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) **5** DAYS*
HARDCOPY (DATA PACKAGE): **5** DAYS*
EDD: **5** DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☒ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☐ EDD FORMAT

1 2 3 4 5 6 7 8 9

ALLIANCE
SAMPLE
ID

PROJECT
SAMPLE IDENTIFICATION

SAMPLE
MATRIX

SAMPLE
TYPE
COMP GRAB

SAMPLE
COLLECTION
DATE TIME

OF BOTTLES

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

1.	COMP-1	Soil	✓	9/19/25	9:55	6	✓											
2.	COMP-2	↓	↓	↓	10:40	↓	↓											
3.	COMP-3	↓	↓	↓	11:30	↓	↓											
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. [Signature]	DATE/TIME: 9/18/25	RECEIVED BY: [Signature]	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 4.6 °C
RELINQUISHED BY SAMPLER: 2. FedEx	DATE/TIME: 9-19-25 1155	RECEIVED BY: [Signature]	Comments:
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY:	Page 1 of 1 CLIENT: ☐ Hand Delivered ☒ Other FedEx

Shipment Complete
☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3155	POWE02	Order Date : 9/19/2025 1:05:00 PM	Project Mgr : Yazmeen
Client Name : Kleinfelder		Project Name : Tanner G. Duckrey Public S	Report Type : Results+QC
Client Contact : Mark Warchol		Receive DateTime : 9/19/2025 ~~12:00:00 AM~~ 11:15 AM	EDD Type : EXCEL NOCLEANUP
Invoice Name : Kleinfelder		Purchase Order :	Hard Copy Date :
Invoice Contact : Mark Warchol			Date Signoff : 9/19/2025 1:30:45 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3155-01	COMP-1	Solid	09/19/2025	09:55					
					VOCMS Group1		8260D	5 Bus. Days	
Q3155-02	COMP-2	Solid	09/19/2025	10:40					
					VOCMS Group1		8260D	5 Bus. Days	
Q3155-03	COMP-3	Solid	09/19/2025	11:30					
					VOCMS Group1		8260D	5 Bus. Days	
Q3155-04	TB	Water	09/19/2025	00:00					
					VOC-TCLVOA-10		8260D	5 Bus. Days	

Relinquished By : [Signature]
Date / Time : 9/19/25 1336

Received By : [Signature] 13:20
Date / Time : 09/19/25 12:20

Storage Area : VOA Refridgerator Room

6
P22
R2H4